



**MGM INSTITUTE OF HEALTH SCIENCES**

(Deemed University u/s 3 of UGC Act, 1956)

**Grade 'A' Accredited by NAAC**

Sector-1, Kamothe, Navi Mumbai - 410209

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MGM/01/A-8/2017/1026

Date : 01.04.2017

To

**Dr. C.P. Puri, Chairperson, BOS (Biomedical Sciences), MGM Institute**

Ref. : Resolutions passed in BOM-48/2017 dated 24/01/2017

Dear Sir,

Various Resolutions passed in BOM-48/2017 which are self explanatory and requires action at your level are as follows:

**Resolution No. 5.4:** It was resolved that Dr. Manik Bhise, Department of Psychiatry at MGM Medical should actively pursue the research project for which MGMIHS would provide necessary funding. The project should be approved by the SAC and Ethics Committees of MGMIHS.

**Resolution No. 5.15:** Resolved to request Pro-VC(Research) to work out the best possible outcome for collaborative research in the field of AYUSH as detailed out in UGC letter. [Annexure-XIV of BOM-48/2017]

**Resolution No. 5.21:** It was resolved that in order to make MGMIHS a research driven university, following activities are to be made mandatory:

- All the departments of medical colleges and constituent university departments should formulate at least one major research project per department and pursue the same actively.
- Faculty members eligible to pursue PhD degree program should take initiative and get registered.
- Each faculty member should publish at least one research paper in indexed peer reviewed scientific year each year.
- MBBS students should be encouraged to pursue ICMR STS project. Each department should help at least two students to develop projects and submit to ICMR.
- All PG students (Medical and nonmedical) should be encouraged to publish at least one paper based on their PG dissertation during the PG course.
- All MD/MS/DM/MCH students should be encouraged to avail the financial assistance of Rs. 25,000 towards MD/MS/DM/MCH thesis provided by ICMR at national level.

**Resolution No. 6.1 of BOM-48/2017: It was resolved:**

(iii) To partially amend the Resolution No. 4 of BOE-01/2016 dt. 28/04/2016.

Resolution No. 4 of BOE-01/2016 dt. 28/04/2016: "It was resolved that Ph.D. thesis will be sent to one internal (other than guide) and two external evaluators. In the event of any 2 of the 3 accepting the thesis, the candidate will be eligible for open thesis defense"

Amended Resolution No. 4 of BOE-01/2016 dt. 28/04/2016 (Recommended in BOE-02/2016 and approved in BOM-48/2017 dt.24/01/2017) is as follows:

"Ph.D. Thesis will be sent to 2 external evaluators. The guide himself/herself will be the internal evaluator"

(P.T.O)



Resolution No. 6.9 of BOM-48/2017:

- (c)(i) It was resolved to sign an MOU with INFLIBNET by MGMIHS to register under Shodhganga project which is approved by the UGC.
- (c)(ii) It was resolved to approve the "Rules on prevention of plagiarism" [Annexure-XIX of BOM-48/2017]

With regards,



Registrar


**Dr. Rajesh B. Goel**

Registrar

**MGM Institute of Health Sciences**  
(Deemed to be University u/s 3 of UGC Act, 1956)  
Navi Mumbai- 410 209.

Encl : [Annexure-XIV of BOM-48/2017], [Annexure-XIX of BOM-48/2017]

Copy for information to :

- 
1. Hon'ble Vice Chancellor, MGM Institute of Health Sciences, Navi Mumbai
  2. Pro Vice Chancellor, MGM Institute of Health Sciences, Navi Mumbai
  3. Dr. P.M. Jadhav, Hon'ble Trustee, MGM Institute of Health Sciences, Navi Mumbai
  4. Dean Faculty, MGM Medical College, Navi Mumbai and Aurangabad
  5. Director, MGM Institute's University Department of Biomedical Sciences (Navi Mumbai and Aurangabad).
  6. Deputy Registrar, MGM Institute of Health Sciences, Navi Mumbai and Aurangabad

## Draft rules on Plagiarism for approval



# MGM INSTITUTE OF HEALTH SCIENCES

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## Guidelines to Check Plagiarism

### 1. Preamble

MGM Institute of Health Sciences, Kamothe, Navi Mumbai was established as Deemed University u/s of 3 UGC Act, 1956 on 30.08.2006. It is recognized by the UGC and is empowered to award degrees under section 22 of the UGC Act, 1956. The University is also a member of Association of Indian Universities (AIU) and has approvals from various regulatory bodies, i.e., Medical council of India, Nursing Council of India and UGC. The MGMIHS has been accredited 'A' grade on the NANC in 2015. The University is now running various UG, PG, Super specialty courses in Medical Sciences, Nursing, Physiotherapy and Biomedical branches.

The University started its Ph.D programme from the Academic Session 2009-10. A research scholar is supposed to have adequate ethical and moral standards steering clear from all types of academic misconduct. He /she is to required pursue original. In the research, producing high quality research papers era of information super-high way, lots of information are available on internet as source material. To formulate and clearly define guidelines to check. The menace of plagiarism. Accordingly, MGM Institute of Health Sciences, Kamothe, Navi Mumbai frames the following guidelines:

### 2.1 Definition:

"Plagiarism" is the appropriation of another person's work, ideas, procedures, results or due credit, including those obtained through confidential review of others research proposals, manuscripts and texts." (Federal office of science and technology policy, 1999)

### 2.2 Methods of Plagiarism:

- (a) Quoting directly another person's language, paraphrasing, data, illustration and tables, without due acknowledgement.
- (b) Copying any portion of book/article/report/monograph/dissertation/thesis without due citation.



- (c) Buying, stealing or borrowing assignments, experiments/results.
- (d) Paragraphing research or academic work of others without due acknowledgements.
- (e) Using ideas of someone else without assigning due credit.
- (f) Copying and extracting from internet or any online source and submitting the same as one's own work without assigning proper reference/citation.
- (g) Copying and publishing own work which were already published elsewhere without proper reference. (Self-Plagiarism)

### 3. Prevention of Plagiarism:

- (a) Assign due credit to the original author(s) with proper citation and reference.
- (b) The said text or verbatim are to be placed under inverted commas, followed by reference of source.

### 4. Detection of Plagiarism:

- (a) Candidate shall submit the report generated on the plagiarism checking software like Orkut / Turnitin/ Ithenticate / Viper / or similar software, approved by the UGC after submitting his/her thesis, along with a soft copy of the draft thesis for the consideration of the SAC before submitting original thesis to MGMIHS.
- (b) For Convenience of the student and guide, the MGMIHS will sign an MOU with the service provider under INFLIBNET the "Shodh Ganga" project approved by UGC so that a free link is provided to concerned guides through the gate way of Research Section of MGMIHS as system administrator for to archive and verify extent of Plagiarism in the draft before final submission.
- (c) The candidate shall also submit a declaration (Annexure-I) along with the plagiarisation report so obtained.
- (d) He shall also submit an affidavit (Annexure -II) that his/her original PhD research work is free from plagiarism as defined under MGMIHS Rules.
- (e) The exclusion at the time of performing the check should be limited to the following:
  1. Quotes 2. Bibliography 3. Phrases 4. Small matches upto 05 words
  5. Small similarity less than 1% 6. Mathematical Formula 7. Name of Institutions, Departments etc.

## **5. Procedure for reconciliation of plagiarism reports:**

**5.1:-** If a draft thesis is found plagiarized and is reported to the Departmental Research Committee (DRC) then the latter shall hear the candidate's viewpoints first, offering adequate opportunity to defend. On hearing the candidate, it shall forward its recommendations to MGMIHS Research Secretariat, keeping in view of the following guidelines:

(a) **That similarity** so detected are within the limit (Not exceeding 20%) for putting some original results in proper context and all original sources are correctly cited. Also than the similarity is not of such nature which directly affects the original findings of research.

(b) **Self-plagiarism:** "Regarding self plagiarism or cases where published work of the student is shown Plagiarism in the check, a certificate (Self Plagiarism Exclusion Certificate-Annexure-III) has to be issued by the supervisor specifying and attaching such articles those were published by the student from his/her own research such work. Only articles shall be excluded from the check, no other article of student or supervisor should not be excluded from the check." So also contents from candidate's previous published work without proper citation are not to be excluded from check. If the published work is co-authored by the others, the researcher shall submit a consent letter from co-author(s) and publisher permitting him or her to use the thesis work.

## **5.2:- Grades of plagiarism and actions:**

(a) **Low- level plagiarism:** When the plagiarism is as a result of over sight or without intent to cheat and the similarity marginally outside the limit, the candidate may be allowed to resubmit the thesis with proper citations.

(b) **Mid- level Plagiarism:** Failure to cite proper citations and or copied few paragraphs only & the intent to cheat is very low possibly due to lack of knowledge or the similarity between documents & outside the limit, the candidate may be allowed to properly amend and resubmit the thesis with proper citation. A warning not to repeat such offence(s) again will be given in writing to face cancellation & registration to the program itself if found quality again.

(c) **High- level plagiarism:** Deliberate and planned attempt to copy the work done by someone else or it. Hard data is taken from someone else's work, copying, source code violation copying &

repeat any level of plagiarisation after due warning. In such eventuality Intention to cheat is very clear. candidate's registration may be cancelled altogether

5.3 The thesis resubmitted as recommended by the Departmental Research Committee in view of clauses (1)(a) to (d), will be again placed before Departmental Research Committee and the candidate will be required to be present to substantiate the necessary improvements effected by him/her in the thesis.

#### **6. Plagiarism reported after the of Award of Degree**

(a) In case any act of plagiarism is reported to the University in the event a Ph.D. degree has already been awarded, the Vice-Chancellor may constitute an expert committee to enquire into charges of plagiarism and the committee will submit its report with recommendations through the research secretariat and examination section.

(b) The expert committee may give an opportunity of hearing the concerned candidate before arriving at any decision.

(c) The Vice-Chancellor will place the report along with recommendations of the committee before the Academic Council for its consideration and suitably necessary action.



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### Plagiarism Verification

1. Name of Researcher: .....

2. Title of the Thesis: .....

3. Faculty: .....

4. Name of Supervisor: .....

5. Official Designation & Address: .....

The above thesis was scanned for similarity detection. The report is as follows:

Software used ..... Date.....

Similarity Index: ..... Total word count.....

The report is attached for the review by the Researcher / Supervisor

Sign. of Researcher

The plagiarism report of the above thesis has been reviewed by the undersigned

The similarity index is below accepted norms.

The similarity index is above accepted norms, because of the following reasons:

.....

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.....

The thesis may be considered for submission to the University. The software report is attached.

Sign. of Researcher

Sign. of Supervisor

**Annexure-II**

**(To be submitted on a RS. 10/- Non-Judicial Stamp Paper duly notarized)**

**Affidavit**

I, \_\_\_\_\_ S/D of Shri \_\_\_\_\_, aged \_\_\_\_\_ years,  
resident of \_\_\_\_\_  
\_\_\_\_\_, Mobile No. \_\_\_\_\_  
do hereby take oath and state :

(i) That, I am registered for the Ph.D. programme on the topic titled \_\_\_\_\_

\_\_\_\_\_ in the Faculty of \_\_\_\_\_ of Jagan Nath University, Jaipur. My Registration  
no. is \_\_\_\_\_

(ii) That, the contents of my thesis submitted to the Jagan Nath University, Jaipur, for award of Ph. D Degree  
are original and my own work, and is not plagiarized.

(iii) That, if , after checking my thesis for plagiarism by any standard plagiarism checking software, are  
found copied or come under plagiarism, I will be solely responsible for it and University shall have sole right  
to cancel my research work ab-initio.

(iv) That, this work has not been submitted by me for the award of any other Degree/Diploma in any other  
University/ Institute.

(v) That, I shall be responsible for any legal dispute/case(s) for violation of any provisions of the Copyright  
Act relating to my thesis.

Date : \_\_\_\_\_

**DEPONENT**

Place : \_\_\_\_\_

**VERIFICATION**

I, the above named deponent, do hereby take oath and verify that the contents of para (i) to (v) of above  
affidavit are true and correct to my personal knowledge and nothing has been concealed by me. No part of it  
is incorrect.

**DEPONENT**



**MGM INSTITUTE OF HEALTH SCIENCES**

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**Self Plagiarism Exclusion Certificate from Supervisor**

The content of the chapters ..... have been published in

1. .
- 2.
- 3.
- 4.

This published work has been included in the thesis and has not been submitted for any degree to any University/Institute.

Signature of the Candidate

Signature of Supervisor



# MGM INSTITUTE OF HEALTH SCIENCES

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## Self Plagiarism Co-authors Certificate

We have published the following article(s) jointly:

Name of Article	Name of Journal/ Book with the details (ISSN No. etc)

We give our consent to Mr./Ms. ....to make use of these articles for his / her Ph. D. research.

The above research paper (s) have not been used by any of us for any degree / Diploma in any other University.

We shall be responsible for any legal dispute/ case(s) for violation of any provisions of the Copy Right Act.

**Signature of Co-author**

**Signature of Co-author**

**Signature of Co-author**

**Name** .....

**Name** .....

**Name** .....

**Address** .....

**Address** .....

**Address** .....

.....

**Signature of Candidate**

**Name** .....

**Registration No.** .....



**MGM INSTITUTE OF HEALTH SCIENCES**  
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**Minutes of the Ethical Committee for Research on Human Subjects**

Meeting of the Ethical Committee for Research on Human Subjects of MGM Institute of Health Sciences, Navi Mumbai was held on 1<sup>st</sup> April 2015 in the Conference Hall. The following functionaries had participated in the meeting:

- |                       |   |                  |
|-----------------------|---|------------------|
| 1. Dr Alaka Deshpande | : | Chairperson      |
| 2. Dr Chander P Puri  |   |                  |
| 3. Dr Y A Deshmukh    | : | Member Secretary |
| 4. Dr J C Sharma      |   |                  |
| 5. Dr Raman P Yadav   |   |                  |
| 6. Dr Ipseeta Ray     |   |                  |
| 7. Dr Prakash Doke    |   |                  |
| 8. Shri L V Patil     |   |                  |

**1. Title: Effect of squatting on knee articular cartilage in healthy adults.**

PhD Student	:	Dr. Bela Agarwal
Guide	:	Dr. Rajani Mullerpatan
Subject	:	Physiotherapy

The proposal was approved. It was suggested that the sample size was small. Also it was mentioned that the cost of project will be 12 lakhs .

**2. Title: Compare efficacy of cognitive behavioral therapy and Jacobson relaxation technique on level of stress, burnout and coping among nurses working in tertiary care hospitals.**

PhD Student	:	Mr. Vishalkumar D Powar
Guide	:	Dr. Rakesh Ghildiyal
Subject	:	Nursing

The proposal was approved. Word "Compare" should be removed from the title.



3. **Title: Effectiveness of assertiveness training on dating violence among college students.**

PhD Student	: Ms. R Jeyasutha
Guide	: Dr. Rakesh Ghildiyal
Subject	: Nursing

The research proposal was approved.

4. **Title: Impact of specially devised intervention package on quality of life among senior citizens in slum areas of Thane district; an experimental field trial.**

PhD Student	: Ms. Bhadrapriya Sanjay Parab
Guide	: Dr. Gajanan D Velhal
Subject	: Nursing

The research proposal was approved.

5. **Title: Impact of village based planning need oriented community initiative to address nutritional problem among children in the age group of 0 to 5 years in rural areas, Vidarbha, Maharashtra.**

PhD Student	: Ms. Amarapali Gajbhiye
Guide	: Dr. Gajanan D Velhal
Subject	: Nursing

The research proposal was approved.

6. **Title: Impact of community based intervention on awareness regarding prevention, identification of early signs and early care of stroke among caregivers and hypertensive patients.**

PhD Student	: Ms. Sucheta Yanagad
Guide	: Prof. Alok Banerjee
Subject	: Nursing

The research proposal was approved.

Title to be changed. It is not a community based intervention. "Caregivers" to be removed from the study.

7. **Title:** Develop a competency based module on scholarship of discovery and research in nursing and evaluate its efficacy on knowledge, skills and attitude among Nurse Educators teaching and guiding students in selected Nursing Colleges of Maharashtra.

<b>PhD Student</b>	: Ms. Seta Devi
<b>Guide</b>	: Dr. Prabha Dasila
<b>Subject</b>	: Nursing

The research proposal was not approved. To present later on 22.04.2015

8. **Title:** Educational intervention programme regarding labor preparedness on outcome of pregnancy among primigravida women.

<b>PhD Student</b>	: Ms. Supriya Chinchpure
<b>Guide</b>	: Dr. Alaka Deshpande
<b>Subject</b>	: Nursing

The research proposal was approved.

9. **Title:** Impact of transformational leadership educational program of Head Nurses on performance and job satisfaction of staff nurses working in selected public hospitals of Mumbai.

<b>PhD Student</b>	: Ms. Maya Dilip Vadgoankar
<b>Guide</b>	: Dr. Prabha Dasila
<b>Subject</b>	: Nursing

The research proposal was approved.

- 10. Title: Impact of core competency training in relation to management of normal labour on proficiency in assessment and management of labour among nursing personnel in selected CHCs, PHCs of Raigad District.**

<b>PhD Student</b>	<b>: Ms. Manisha Kadam</b>
<b>Guide</b>	<b>: Dr. Prabha Dasila</b>
<b>Subject</b>	<b>: Nursing</b>

The research proposal was not approved. To present later on 22.04.2015

- 11. Title: Effect of planned teaching on the knowledge, attitude and skills of the community health workers regarding neonatal resuscitation in the selected health care facility in the Raigad District.**

<b>PhD Student</b>	<b>: Ms. Devita Anand Nalawade</b>
<b>Guide</b>	<b>: Dr. N C Mohanty</b>
<b>Subject</b>	<b>: Nursing</b>

The research proposal was approved with a changed title.

**Changed title: Effect of planned teaching on the knowledge, attitude and skills of the community health workers regarding neonatal resuscitation in the tribal areas of District Raigad.**

- 12. Title: Effect of planned teaching on knowledge, attitude and practice of skilled birth attendants on facility based newborn care at community care facilities in district of Raigad.**

<b>PhD Student</b>	<b>: Ms. Samruddhi Suresh Bhakare</b>
<b>Guide</b>	<b>: Dr. N C Mohanty</b>
<b>Subject</b>	<b>: Nursing</b>

The research proposal was approved.

The title is to be changed/ modified.

- 13. Title: Effect of emotional intelligence training program on psychosocial and clinical performance among nursing students of selected nursing colleges in Maharashtra.**

PhD Student : Ms. Madhavi Ghorpade  
Guide : Dr. Prabha Dasila  
Subject : Nursing

The research proposal was approved.

2<sup>nd</sup> year students to be included, instated of 1<sup>st</sup> year students.

- 14. Title: Disaster management preparedness in Hospitals of Navi Mumbai, identifying gap areas and strategizing, appropriate intervention measures.**

PhD Student : Ms. Saloni Chinmay Desai  
(Batch 2012-13)  
Guide : Dr. Prakash Doke  
Subject : Hospital Management

The research proposal was approved.

- 15. Title: Physical health assessment and effect of family based intervention regarding nutritional status of children of a selected rural community.**

PhD Student : Ms. Asmita Laxman Kamble  
Guide : Dr. Mary Mathews  
Subject : Nursing

The research proposal was approved.

Delete the initial four words from the title **Physical health assessment**, and selected,

- 16. Title: Effect of Psycho-educational approach on alcohol expectancies among the adolescents.**

PhD Student : Mr. Alik Antony Rae  
Guide : Dr. Mary Mathews  
Subject : Nursing

The research proposal was approved.

Intervention reduced from 40hrs to 12hrs considering the practicality.

17. Title: Effect of educational intervention on knowledge and practices on neonatal transport among accredited social health activities and trained birth attendants of rural Raigad District.

PhD Student	: Mr. Amar Alim Mulla
Guide	: Dr. Mary Mathews
Subject	: Nursing

Research Proposal was approved.

18. Title: Effect of nurse directed interventions on selected health behaviors and physiological parameters among adults at risk of developing diabetes mellitus in district Hisar.

PhD Student	: Ms. Seeli Margaret S
Guide	: Dr. Alok Banerjee
Subject	: Nursing

The research proposal was approved.

How to identify population. Every three months do biochemical parameters. include one physician. Body weight not to be seen every month.

19. Title: Effect of caregivers education program on functional status and selected aspects of health related quality of life among cerebrovascular accident patients in selected hospitals.

PhD Student	: Mr. Rahul Bhausaheb Pandit
Guide	: Dr. Mary Mathews
Subject	: Nursing

The research proposal was approved.

20. Title: Impact of skill training program regarding essential obstetric and newborn care (EONC) during labour on the competencies of nurses in a selected rural health setup.

PhD Student : Mr. Sharad Bhausaheb Pandit  
Guide : Dr. B G Boricha  
Subject : Nursing

The research proposal was approved.

Include apgar score. Premature delivery, still birth to be included

21. Title : "Effect of planned teaching programme on knowledge, attitude and practices (KAP) in relation to selected aspects of cervical cancer and screening for secondary prevention among women in rural district of Maharashtra"

PhD Student : Mrs. Varsha R Kadam  
Guide : Dr. Prakash Doke  
Subject : Nursing

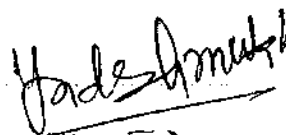
The research proposal was approved.

22. Title: "Effect of educational intervention on knowledge and practices on control of neonatal septicemia among staff nurses in selected hospital Hisar District.

PhD Student : Mr. Noble Mathew  
Guide : Dr. Mary Mathews  
Subject : Nursing

The research proposal was approved.

Include part work here under proper guidance. Co-guide from institute in Hissar should be included. Infection control practices to be included

  
(Member Secretary)



**MGM INSTITUTE OF HEALTH SCIENCES**  
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**Minutes of the Ethics Committee for Research on Human Subjects (ECRHS)**

Meeting of the ECRHS of MGM Institute of Health Sciences, Navi Mumbai was held on **1<sup>st</sup> December 2017 at 10.00 am** at 3<sup>rd</sup> Floor, Conference Hall. The following members had participated in the meeting.

1. Dr Alaka Deshpande	:	Chairperson
2. Dr. Chander P Puri	:	Member
3. Dr. J C Sharma	:	Member
4. Dr. Prakash P Doke	:	Member
5. Dr. Abhijit De	:	Member
6. Dr. Shirish Joshi	:	Member
7. Shri E A Patil	:	Member
8. Dr A Bandivdekar	:	Member
9. Dr Savita Shahani	:	Member Secretary
10. Dr. G S Narshetty	:	Member

Dr. Alaka Deshpande Chaired the meeting.

**Title :** Biomechanical exploration of Suryanamaskar for scientific application in low back pain

Principal Investigator : Dr. Rajani Mullerpatan  
Co-Investigator : Dr. Omkar S N, IISc. Bangalore

Members made the following suggestions :

- Protocol to be rewritten incorporating the following suggestions given by the members
- Age group for inclusion criteria to be changed to 18-40yrs
- Mention details of evaluation of functional outcome measures
- Specify how yoga practice will be standardized for enrolled participants so as to maintained uniformity in frequency and duration of yoga practice
- Make exclusion criteria more specific



- Patient information sheet must mention that all these Asanas will be supervised by trained yoga expert and they are not reported to produce any untoward effect
- Revised protocol may be submitted for ECRHS consideration

**Title :** Comparison of newly developed prosthetic designs against conventional prosthesis in unilateral below/above knee amputation patients

Principal Investigator : Dr. Rajani Mullerpatan  
 Co-Investigator's : Dr. Sujatha Srinivasan, IIT Madras and  
 Dr. Rupesh Ghyar, IIT Bombay

Members made the following comments :

- Patient of above knee amputation may only be considered to keep uniformity in evaluation , accordingly the title of protocol also require to be changed and evaluation criteria will be restricted to hip kinematics parameter
- Patient with traumatic amputation may only be considered to maintain uniformity in participant selection
- Principal Investigator was asked to confirm if manufacturer of developed prosthetic have taken any permission from regulatory authority for conducting clinical study.

**Title :** Biomechanical exploration of Yoga for scientific application in Healthcare

Principal Investigator : Dr. Rajani Mullerpatan  
 Co-Principal Investigator's : Dr. Omkar S N, IISc Bangalore and  
 Mr. Girish, Yoga Expert

Members made the following comments:

- Identification of criteria for selecting healthy volunteer
- Study design may be changed to make a comparative trial to compare healthy volunteers not practicing yoga with those practicing yoga regularly
- Age of participants may be changed to 18-40 years
- Group should have uniformity in yoga practice in terms of frequency and duration of practice
- ECRHS should mention that these Asanas are not reported to cause any adverse effect in healthy volunteer
- Identify the physician to be included in as co-investigator
- Participants should not pay for any of the investigations performed for the study
- Revised protocol incorporating the suggestions may be submitted to ECRHS.

**Title :** Gait analysis using i-Sens wearable system and 3D motion analysis

Principal Investigator : Dr. Rajani Mullerpatan  
Co-Principal Investigator's : Dr. Sujatha Srinivasan, IIT Madras  
Mr. Gunjanbhai Patel, IIT Madras

Members made the following comments :

- To keep age group for participants between 18-40 years to avoid variation in data
- Protocol was approved subject to incorporating the changes as suggested

**Title :** Biomechanical exploration of sports in healthy and specially abled people

Principal Investigator : Dr. Rajani Mullerpatan  
Co-Investigator : Dr. Pravin Gaikwad

Members were made the following suggestions :

- Keep inclusion criteria more specific to avoid variation
- Age group for inclusion may be between 18-40years
- Exercise may be standardized to estimate energy consumption
- Protocol to be revised incorporating changes suggested by ECRHS members and submitted to ECRHS

**Title :** Biomechanical analysis of Indian classical dance forms

Principal Investigator : Dr. Rajani Mullerpatan  
Co-Investigator : Dr. Juhi Bharnuke (PT)

Members were made the following suggestions :

- Only one Indian classical dance may be studied initially including all the mudras of that dance
- May study all parameters of energy consumption for each posture and than for full dance form
- Protocol may be resubmitted incorporating changes

**Title :** Health related physical fitness in children, adolescents and adults

Principal Investigator : Dr. Rajani Mullerpatan  
Co-Investigator's : Dr. Mitesh Thakkar and  
Dr. Bhageeshri Seth, MGM Hospital, Kamothe.

Project was withdrawn by the Principal Investigator

**Title :** Distal femur reconstruction with rotating versus fixed hinged megaprosthesis: An objective study using gait analysis and comparative data from normal population

**Principal Investigator :** Dr Manish Agarwal  
Consultant, Surgical & Orthopaedic Oncology  
P D Hinduja Hospital & MRC, Mumbai  
**Co-Investigator's :** Prof. B Ravi, IIT Bombay,  
Dr. Rajani Mullerpatan and Dr. Manit Gundavda

Members were made the following suggestions :

- Study should be only to compare between 2 treatment modalities, omit comparison to normal population data.
- Analysis should be compare no inferiority of modified treatment to conventional treatment
- Ethical clearance documents from institution performing surgery to be submitted
- Protocol to be modified incorporating the suggestions given by ECRHS members and resubmitted.

**Title :** Study of variation in human gait on treadmill, even and uneven planes for the development of Exoskeleton

**Principal Investigator :** Dr. P K Rajendrakumar  
Professor, Department of Mechanical Engineering  
NIT Calicut  
**Co-Investigator :** Dr. Rajani Mullerpatan

Members were made the following suggestions :

- ECG, heart rate and blood pressure may be monitored as physiological response to various groups
- To assess the mentioned physiological responses a physician may be included as co-investigator
- Primary and secondary objectives of study should be well defined
- Patient information sheet should define the objective of study and other relevant information
- Revised protocol may be submitted to ECRHS for consideration

**Title :** Biomechanical analysis and energy expenditure of traditional, chair and wall suryanamaskar

Principal Investigator : Dr. Apurv Shimpi  
Prof. & Head, Department of Community Physiotherapy  
Sancheti College of Physiotherapy, Pune  
Co-Investigator : Dr. Rajani Mullerpatan

Members were made the following suggestions :

- Exclusion criteria for study should be more specific
- Kinematics and kinetic data for upper limb also should be obtained
- All participants should be evaluated after practicing various asanas for at least 6 weeks
- Self evaluation of participants may be done using validated quaternary
- Revised protocol may be submitted to ECRHS for consideration

  
(Member Secretary)



**MGM INSTITUTE OF HEALTH SCIENCES**  
(Deemed University u/s 3 of UGC Act, 1956)  
Accredited Grade A by NAAC

**Minutes of Ethics Committee for Research on Human Subjects  
held on 7<sup>th</sup> October 2014**

The meeting of the Ethics Committee on Human Subjects was held on Tuesday 7<sup>th</sup> October 2014 at 02.00 pm in the conference room of MGM Medical College. Following members were participated in the meeting:

Dr. Smita Mahale	Chairperson
Dr. Chander P Puri	Member
Dr. Ipseeta Ray	Member
Dr. Padma R Chavan	Member
Dr. Raman P Yadav	Member
Shri. L.V. Patil	Member
Dr. Y.A. Deshmukh	Member Secretary

The following research proposals of Ph.D. students were discussed and recommendations made:

PhD Student	:	Mrinalini Gaikwad
Guide	:	Dr. Anjali Sabnis
Co-Guide	:	No
Subject	:	Anatomy

Title: "Comparative study of umbilical cords in normal and adverse pregnancy outcome patients"

The students was asked to prepare patient information sheet (PIs) and Informed Consent Form (ICF). There should be mention about method of disposal of placenta and cord. The study was approved.

PhD Student	:	Rajeev Mukhia
Guide	:	Dr. Aruna Mukherjee
Subject	:	Anatomy

Title: "Morphogenesis and histogenesis of human Foetal spleen".

The student was asked to take fetuses of natural abortions only. It was suggested to reduce the number of groups. The qualification of Laminin and reticulin is desirable. The research proposal was approved.



PhD Student : Kshitija Chandrashekar Rane  
Guide : Dr. Arvind Joshi  
Subject : Genetics

Title: Molecular characterization of Rotavirus and Norovirus in diarrhea patients in Navi Mumbai and their association with polymorphisms in fucosyltransferase 2 (FUT2) gene.

The title is changed. The proposal is approved.

PhD Student : Rakesh Prasad Sah  
Guide : Dr. A.D. Urhekar  
Subject : Microbiology

Title: Phenotypic and Genotypic study of Klebsiella species with special reference to virulence factors and antimicrobial resistance pattern

The student was asked to reduce the genotyping work. The proposal was approved.

PhD Student : Raksha  
Guide : Dr. A.D. Urhekar  
Subject : Microbiology

Title: Microbiological and genomic study of aspergillosis and standardization of cost effective antifungal drug susceptibility testing.

The research proposal was approved.

PhD Student : Rakesh Kumar Mukhia  
Guide : Dr. A.D. Urhekar  
Subject : Microbiology

Title: Virulence factors, molecular characterization and clinical correlation of Candida species isolated from various specimens in a tertiary care hospital.

The research proposal was approved.

PhD Student : Jeetendra B Gavhane  
Guide : Dr. Nitin N. Kadam  
Co-guide : Dr. Raman P Yadav  
Subject : Pediatrics

Title: Study of Plasmodium Specific Phospholipases A2 levels in children with malaria and co-relation of its level with severity of malaria in children.

The last part of the title was dropped "in children compared to adults".  
The student was asked to prepare PIS and ICF (for parents). It was suggested that PLA<sub>2</sub> levels should be done at the end of drug treatment. The research

proposal was approved.

PhD Student : Dr. Rakesh Tamke  
Guide : Dr. N C Mohanty  
Co-guide : Dr. Raman P Yadav  
Subject : Peadiatrics

Title: To identify potential & low cost anti-malarial agents from plant sources for effective use in Resistance Malaria through modulation of drug Efflux Pump.

The student was asked to prepare PIS and ICF (for parents). The research proposal was approved.

PhD Student : Dr. Vijay N Kamale  
Guide : Dr. Frisca Colaco  
Co-guides : Dr. Nitin N Kadam, Dr. N.C. Mohanty &  
Dr. Raman P. Yadav  
Subject : Peadiatrics

Title: Differentiation of activity of tuberculosis in children on basis of detection of secretory lipolytic enzymes of tubercle bacilli in blood.

The student was asked to prepare PIS and ICF (for parents).  
The research proposal was approved.

PhD Student : Dr. Vrushali V. Kamale  
Guide : Dr. B.G. Boricha  
Subject : Obstetrics & Gynaecology

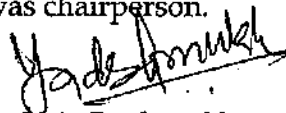
Title: Role of certain hormonal and metabolic parameters in evaluation and management of adolescent polycystic ovary syndrome.

The student was asked to prepare PIS and ICF. The student was asked to rewrite the protocol. The protocol in current format not approved.  
The research proposal was approved.

PhD Student : Dr. Shaifali Kundan Patil  
Guide : Dr. J.G. Narshetty  
Subject : Obstetrics & Gynaecology

Title: Vitamin D status supplementation and outcome in obstetrics

The topic was discussed at length. It was decided to present it the next day in the Ethics Commiitte meeting, when Dr. Alaka Deshpande was chairperson.

  
Dr. Y.A. Deshmukh  
Member Secretary



**MGM INSTITUTE OF HEALTH SCIENCES**  
(Deemed University u/s 3 of UGC Act, 1956)  
**Accredited Grade A by NAAC**

**Minutes of Ethics Committee for Research on Human Subject held on Wednesday 8<sup>th</sup> October 2014.**

Following members were present the meeting :

Dr. Alaka Deshpande	: Chairman
Dr. Chander P Puri	: Member
Dr. Raman P Yadav	: Member
Dr. Shirish Joshi	: Member
Dr. J C Sharma	: Member
Dr. Ipseeta Ray	: Member
Dr. Padma R. Chavan	: Member
Shri. E.A. Patil	: Member
Shri. L.V. Patil	: Member
Dr. Y.A Deshmukh	: Member Secretary

The following research proposals of PhD students/Staff were discussed.

Research proposal of Dr. Rakesh Ghildiyal entitled "Comparative evaluation of efficacy and safety of clonazepam-CR and conventional in patients with panics disorder"

The reply letter of the sponsor M/s. Ipca Laboratories was placed before the meeting.

It was pointed out that the BA/BE study of clonazepam-CR is approved by DCGI but the actual studies have not been conducted. M/s. Ipca Laboratories should conduct BA/BE study first and then get approval from DCGI to conduct the clinical trial. After DCGI approval, the study will be done in MGM.

Research proposal of Dr. Rajani Mullerpatan entitled "Secreening, organizing and delivery of physiotherapy services for children with sensori-motor delay, neuromotor impairments and neuro-masculo-skeletal birth defects, in rural areas"

The project was approved.

<b>PhD Student</b>	<b>: Dr. Shaifali Kundan Patil</b>
<b>Guide</b>	<b>: Dr. (Mrs.) J. Narshetty</b>
<b>Sub</b>	<b>: Obstetrics &amp; Gynaecology</b>

Title: "Vitamin D status supplementation and outcome in obstetrics".  
The research proposal was approved.



**PhD Students** : Mrs. Bharti Suresh Batra  
**Name of Guide** : Dr. Rakesh Ghildiyal

**Title :** " Effect of family psycho education on knowledge, quality of life, expressed emotions, burden of disease & coping among caregivers of patients with Schizophrenia".

Student advised to take Ethics Committee approval from the place of work (Nagpur).  
The research proposal was approved.

**PhD Student** : Gargee Karadkar  
**Guide** : Dr. Alaka Deshpande  
**Name of Co-Guide** : No Co-Guide  
**Subject** : Nursing

**Title:** "Self reported experiences of patients with acute coronary syndrome and their family members in selected hospitals with a view of preparing an educational guide"  
(Old Title).

**New Title:** "Assessment of knowledge and information needs of patients with acute coronary syndrome, their family members and nurses with a view to develop and validate the information booklet for discharge in selected hospitals"

The project proposal was approved.

**PhD Student** : Mrs. Suchana Roy Bhowmik  
**Guide** : Dr. Alaka Deshpande  
**Name of Co-Guide** : Dr. Tapati Bhattacharjee  
**Subject** : Nursing

**Title:** "Transitional care strategies in reduction of physical and psychological effect among ICU patients"

The research proposal was approved.

**PhD Student** : Mrs. Karpagavalli K  
**Guide** : Rakesh Ghildiyal  
**Name of Co-Guide** : Dr. Mary Mathews  
**Local Co-Guide** : Dr. Tapati Bhattacharjee  
**Subject** : Nursing

**Title:** "A study to assess effectiveness of selected interventions on level of depression, stress and anxiety and coping strategies of primary caregiver's of patients with dementia in selected outpatient departments/community areas in Pune city" (Old Title)

New Title : " Assess effectiveness of psycho education, deep breathing exercise and shavasana on level of selected psychological parameters among primary caregivers of patients with dementia"

The research proposal was approved.

PhD Student : Mrs. Sundari Apte  
Guide : Rakesh Ghildiyal;  
Name of Co-Guide : Dr. Mary Mathews  
Local Co-Guide : Dr. Tapati Bhattacharjee  
Subject : Nursing

Title: "Assessment of the effect of yoga, progressive relaxation therapy and motivational enhancement therapy on Quality of life, self esteem and state trait anxiety level among females in the age group of 18 - 45 years misusing substances/drugs from selected de-addiction centers of Pune city" (Old Title).

New Title : "Assess the effect of body-mind techniques and motivational interviewing on selected psychological parameters among female substance users".

The research proposal was approved.

PhD Student : Sanjay Sevak  
Guide : Dr. Rakesh Ghildiyal  
Name of Co-Guide : Dr. Prabha Dasila  
Subject : Nursing

Title : "Effectiveness of self help skills training on performance of activities of daily living and communication among children with intellectual disability in selected urban communities of Navi Mumbai".

The research proposal was approved.

PhD Student : Ms. Sindhu Thomas  
Guide : Dr. N C Mohanty  
Name of Co-Guide : Dr. Prabha Dasila  
Subject : Nursing

Title: "Impact of selected nursing interventions in relation to Breast Feeding on Lactation, Anthropometric Parameters and Prevalence of Infections among Mother-Infant Paris in a Tertiary care hospital at Navi Mumbai" (Old Title).

New Title "Impact of selected nursing interventions in relation to Breast Feeding on Lactation, Anthropometric Parameters incidence of common illness among infants in a tertiary care hospital"

The research proposal was approved.

PhD Student	: Ms. Padmaja Dhawale
Guide:	: Dr. N C Mohanty
Name of Co-Guide	: Dr. Prabha Dasilla
Subject	: Nursing

Title : "Effect of selected home care interventions in relation to management of low birth weight infants on growth, development, mortality after their discharge from NICU, upto 6 months of age at the community setting in Navi Mumbai" (Old Title).

New Title : "Effect of selected home care interventions in relation to management of low birth weight infants on growth, development, morbidity and motality after their discharge from hospital upto one year in community setting at Navi Mumbai".

The research proposal was approved.

PhD Student	: Mr. Dhanraj Babu
Guide	: Dr. N C Mohanty
Name of Co-Guide	: Dr. Prabha Dasilla
Subject	: Nursing

Title: "Impact of planned feeding interventions on nutritional status, functional status and quality of life among cerebral palsy children with feeding difficulties in the community area of Navi Mumbai"(Old Title).

New Title : "Impact of planned feeding interventions on Nutritional status and quality of life, among children with Cerebral Palsy".

The diagnostic tools should be included in the protocol. The research proposal was approved.

PhD Student	: Ms. Shubhangi R Jadhav
Guide	: Dr. Ashok Kalyanshetty
Name of Co-Guide	: Dr. Prabha Dasilla
Subject	: Nursing

Title: "Study the risk factors associated with Acute Myocardial Infarction among young adults admitted in the selected hospitals in Mumbai"(Old Title).

New Title : "Assess the risk factors associated with myocardial infarction among young adults admitted in selected hospitals in Mumbai with a view to develop an information booklet"

The members opined that it will be difficult to get requisite number of young adults with myocardial infarction. However the research proposal was approved.

**PhD Student** : Perpetua Fernandes  
**Guide** : Dr. Rekha J Ogale  
**Name of Co-Guide :** : Dr. Sandeep Rai  
**Subject** : Nursing

**Title :** Effectiveness of self-efficacy enhancing intervention program on the health behavior and health related quality of life of patients with diabetes mellitus.

The research proposal was approved

**PhD Student** : Pandit Sharad Bhausaheb  
**Guide** : Dr. B.G. Boricha  
**Name of Co-Guide** : No  
**Subject** : Nursing

**Title :** "A cross sectional study on phenomenology of premenstrual syndrome (PMS) among college students in metropolitan city"

The research proposal was not approved. The student was asked to get the topic changed.

**PhD Student** : Uma Umesh Setkar  
**Guide** : Dr. Nitin N Kadam  
**Name of Co-Guide** : Dr. Prabha Dasila  
**Subject** : Nursing

**Title :** "Effect of Model based nursing interventions in relation to healthy diet and healthy food habits on knowledge, attitude, practices and Haemoglobin level among students studying in selected higher secondary schools and Junior Colleges in Western sub-urban areas in Mumbai"(Old Title).

**New Title :** "Effect of Model based selected nursing interventions in relation to healthy food habits on knowledge, attitude, practices and selected biophysiological parameter among students of selected secondary school in Western sub-urban area in Mumbai".

The research proposal was approved.

**PhD Student** : Varsha Kadam  
**Guide** : Dr. Prakash Doke  
**Name of Co-Guide** : Dr. Mary Mathews  
**Subject** : Nursing

Title: "The knowledge, attitude and practices (KAP) concerning cervical cancer and screening among rural women".

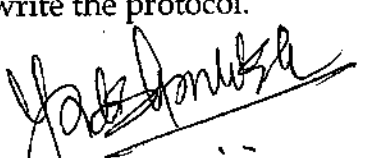
To rewrite the protocol logically.

PhD Student	: Rahul Bhausaheb Pandit
Guide	: Dr. Jaishree Ghanekar
Co-Guide	: Dr. Mary Mathews
Subject	: Nursing

Title: "Impact of Structured Nursing Care Protocol in Prevention & Management of Pressure Ulcer among critically Ill Patients in Intensive Care Units" (Old Title).

New Title : "Effectiveness of structured teaching programme on knowledge and practices of caregivers regarding care of stroke patients and on selected aspects of health related quality of life among stroke patients"

The research protocol was very poor and student was asked to rewrite the protocol.

  
Dr. Y A Deshmukh  
Member Secretary



# MGM INSTITUTE OF HEALTH SCIENCES

(DEEMED UNIVERSITY u/s 3 of UGC Act, 1956)

Accredited by NAAC with 'A' Grade

MGMIHS/ 01/ PVC/R/5/2014 /

Date: 21.3.2014

## Minutes of the Meeting Ethics Committee for Research on Human Subject

The Meeting of the Ethics Committee for Research on Human Subject (ECRHS) was held on 10<sup>th</sup> March 2014 at 11.00 am in the Conference Room of the MGMIHS. Dr. Ravindra Bapat presided over the meeting. The following members had participated in the meeting.

1. Dr. Ravindra Bapat	Chairperson
2. Dr. Chander Puri	Member
3. Dr. Prakash Doke	Member
4. Dr. Rajiv Kalraiya	Member
5. Dr. Smita Mahale	Member
6. Dr. Raman P. Yadav	Member
7. Dr. Ispeeta Ray	Member
8. Dr. J.C. Shrama	Member
9. Dr. Y.A. Deshmukh	Member
10. Shri L.V. Patil	Member

Following two research proposal of staff members were discussed

### **1. Principal Investigator:**

Dr. Bharat G. Jagiasi, Head Critical Care Department, MGM New Bombay Hospital, Vashi.

**Project :- "732-13-FNK Practice Pattern Variation in Discounting Mechanical Ventilation in Critically ill adults : international Prospective Observational Study."**

The following observations were made by the ethics committee.

- a) It is an international study initiated by and sponsored by Canadian Government agency. Since it is a foreign collaboration and funding, the permission of the central government and ICMR is absolutely essential.
- b) Institutional wearing protocol must be described and followed.
- c) Financial involvement is not disclosed.
- d) What will be the benefit to MGM as an Institute?

The study is not approved at this stage but after satisfactory reply and action by the principal Investigator it may be reconsidered.



## **2. Principal Investigator:**

Dr. Bella Agarwal, Assoc. Professor of Physiotherapy, MGM College of Physiotherapy, Kamothe

**Project: "Health related fitness assessment in Mumbai"**

Ethical Committee has made the following observations.

- a) Tests of fitness should be age specific.
- b) Ages of volunteers need to be classified in functional manner
- c) In collaboration with physician and pediatricians, the protocol may suitably to be modified

The proposal is provisionally approved.

Following the research protocols of Ph.D. students were discussed.

1. **Project: "Clinicomicrobiological Study of Mycoplasma Pneumoniae Induced Atypical Pneumonia."**

Ph.D. Student: Ms. Minakshi Bhattacharjee, Department of Microbiology

Ph.D. Guide:- Dr. A.D. Urhekar

### **Comments:**

The proposed project was approved. The investigator and the guide were told to find a suitable source for finding.

2. **Project: "Microbiological Study of Malaria and Standardization of Cost Effective Antimalarial Drugs Sensitivity Testing for Plasmodium Vivax and Plasmodium Falciparum"**

Ph.D. Students: Gurjeet Singh, Department of Microbiology

Ph.D. Guide:- Dr. A.D. Urhekar

### **Comments:**

Project was approved

3. **Project: "Circulating Microrna Profiling in Tuberculosis Infection and its Association with Drug Resistant Tuberculosis."**

Ph.D. Students: Vishal Bhikaji Wagh, Department of Microbiology

Ph.D. Guide:- Dr. A. D. Urhekar

### **Comments:**

The investigator was asked to check if miRNA levels change with drug treatment. The proposal was approved. For funding they should apply to appropriate agencies.

4. **Project:** "To determine the prevalence of serological and molecular markers of Hepatitis B virus in voluntary blood donors from Maharashtra."

Ph.D. Students: Ms. Amruta Sonawane, Department of Biotechnology

Ph.D. Guide:- Dr. Aruna Shankarakumarn

**Comments:**

The project was approved. The investigator has reduced the budget to Rs. 30 lakhs. The approval is for one year to be extended upto 3 years on submission of yearly report.

5. **Project:** "Development of Molecular Diagnostic Techniques for Detection of Mycobacterium Tuberculosis and its Drug Resistant Variants."

Ph.D. Students: Mr. Girish Pai, Department of Biotechnology

Ph.D. Guide:- Dr. D.S. Joshi

**Comments:**

The inclusion criteria for biological sample needs to be changed, protocol needs to be altered.

6. **Project:** "Effects of silver and gold nanoparticles on genotoxicity, fertility and development in zebrafish (Danio Rerio)."

Ph.D. Students: Ms. Navmi Dayal, Department of Genetics

Ph.D. Guide:- Dr. D.S. Joshi

**Comments:**

The student's protocol should be sent to animal Ethical Committee of MGM Medical College

7. **Project :** "Cost of surgical procedure in 5 different Hospitals at Navi Mumbai"

Ph.D. Students: Ms. Saloni Desai, Hospital Management

Ph.D. Guide: - Dr. Prakash Doke

**Comments:**

Project was not approved student was asked to rewrite the contents of protocol.

8. Project : "Effect of family psycho education on knowledge, quality of life, expressed emotions, burden of disease and coping among caregivers of patients with Schizophrenia"

✓ Ph.D. Students: Ms. Bharti Batra , Nursing  
Ph.D. Guide: - Dr. Rakesh Ghildiyal

**Comments:**

She was not present

9. Project : "To develop and evaluate the effect of Ventilator associated pneumonia prevention protocol for nurses working in Intensive care units and to evaluate the effect in reducing the incidence of ventilator associated pneumonia in multispecialty hospitals of Mumbai"

Ph.D. Students: Ms. Fernandes Savia, Nursing  
Ph.D. Guide: - Dr. Alok Bannerjee

**Comments:**

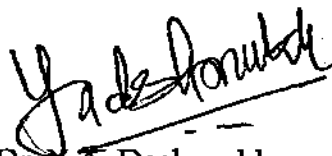
It has approved. However administrative permission for doing the study should be obtained from the concerned hospital.

10. Project: "The effectiveness of extended nursing care model on quality of life of patients undergone major cardiac surgeries."

Ph.D. Students: Ms. Jyoti Milind Choudhari, Nursing  
Ph.D. Guide: - Dr. S. Pani

**Comments:**

- a) Only patients of CABG should be included.
- b) Administrative permission from MGM Hospital and Fortis Hospital should be obtained
- c) Approval of ethics Committee of Fortis is required.
- d) Discussion with concerned cardiac surgeons will facilitate the work.



Dr. Y.A. Deshmukh

Member Secretary

MGM Institute of Health Sciences



# MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University U/s 3 of UGC Act 1956)

Accredited Grade "A" by NAAC

## Minutes of the Ethics Committee for Research on Human Subjects (ECRHS)

Meeting of the ECRHS of MGM Institute of Health Sciences, Navi Mumbai was held on 10<sup>th</sup> May 2017 at 10.30 am at 3<sup>rd</sup> Floor, Conference Hall. The following members had participated in the meeting.

Dr Alaka Deshpande	:	Chairperson
Dr. Chander P Puri	:	Member
Dr. J C Sharma	:	Member
Dr. Shirish Joshi	:	Member
Dr A Bandivdekar	:	Member
Dr Savita Shahani	:	Member Secretary
Dr. Ipseeta Ray	:	Member
Dr Raman P Yadav	:	Member
Dr Abhijit De	:	Member

Dr. Alaka Deshpande Chaired the meeting.

**Title :** Spectrum of tuberculosis infection among children, resistance pattern, drug compliance and treatment outcome to RNTCP anti-TB regimen.

**Principal Investigator :** Dr. Nimain C Mohanty  
**Co-Investigator :** Dr. Vijay Kamale

Members made the following comments :

- Project title should include: using anti-TB medication as per RNTCP guidelines
- To observe proper precautions for sputum handling
- Participant should not bear the cost of medication/ investigations
- To maintain uniformity medication may be sourced from a single source.
- Age of the participants should be rewritten as from birth to 15 years of age.
- Informed consent form and its translations are required to be rewritten.
- Assent form to be included for participants above 8 years of age

Project may be approved subject to submission of revised protocol incorporating the changes as advised.



**Title:** A prospective, randomized, parallel group, single centre study to evaluate efficacy & safety of Bacillus clausii (2 Billion Spores per 5 ml) suspension as an add on therapy to standard of care in acute viral diarrhea in children.

**Principal Investigator** : Dr. Nimain C Mohanty  
**Co-Investigator** : Dr. Vijay Kamale

Project was approved subject to submission of revised consent form in English and translations in local language and translation of information sheet in local language.

**Title:** Role of nano particles of silicon in autoimmune skin lesions

**Principal Investigator** : Dr. Ashok Kalyanshetti

Investigator was advised to submit the complete protocol for the study proposal justifying the objective of the study. If there is off label indication for use of drug then proper justification for the indication may be submitted.

**Title:** A prospective, single blind, randomized, parallel group, single centre study to evaluate efficacy and safety of Pomegranate Seeds as an add-on therapy to standard of care ORS+Zinc Vs ORS+Zinc+Probiotic in managing acute viral diarrhea in children and its mode of action on in-vitro rabbit intestine.

**Principal Investigator** : Dr. Nimain C Mohanty  
**Co-Investigator** : Dr. Vijay N Kamale  
Dr. Vikram Patra  
Dr. Ipseeta Ray

Project was approved subject to addition of informed consent form in English and translation in local language as well as assent form for children above 8 years.

**Title:** Influence of hydrophilic and lipophilic media in continuous and pulsed modes of therapeutic ultrasound in phonophoresis phase II

**PhD Student** : Sreeraj S R  
**Guide** : Dr. Bharati Bellare  
**Subject** : Physiotherapy

Candidate was advised to analyse results of experimental studies conducted by him and based on experimental data a clinical study may be designed. However members were of opinion that the procedure and the drugs used for the study are routinely

used in practice therefore study may be approved subject to submission of revised project.

**Title:** Management of diabetes with education and involvement of the spouse for lifestyle modification

**PhD Student** : Fernandes Perpetua  
**Guide** : Dr. Prabha Dasila  
**Subject** : Nursing

Candidate was advised to make following changes in study design only type II diabetics may be included who can be divided into :

- i] Newly detected diabetics who are on diet and exercise.
- ii) Diabetics on medical treatment for more than one year
- iii) Results may be analysed in both the groups after intervention for 2 months

Ethical approval may be granted after submission of revised project.

*bse*  
Dr. Savita Shahani  
Member Secretary

*Received with Thanks*  
*Rpt*



# MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Accredited Grade A by NAAC

Minutes of Ethics Committee for Research on Human Subjects held on 11<sup>th</sup> September 2015 at 11.00 am at MGMIHS, Conference Hall, and 3rd Floor.

Following members had participated in the meeting.

Dr. Alaka Deshpande	Chairperson
Dr. Savita Sahani	Member Secretary
Dr. J C Sharma	Member
Dr. Prakash Doke	Member
Dr. Shirish Joshi	Member
Dr. Raman P Yadav	Member
Dr. Ipsceta Ray	Member
Shri L V Patil	Member
Shri E A Patil	Member

Dr. Alaka Deshpande had chaired the meeting. The following projects were reviewed and recommendations made:

1. Project entitled "A Randomized Double-Blind, Placebo-Controlled, Comparative, Prospective, Multicentre Trial to Access Efficacy and Safety of Apremilast Tablets in Subjects with Moderate to Severe Plaque Psoriasis who are candidates for Phototherapy or Systemic Therapy". Investigator from MGMIHS : Dr. Hemangi Jerajani, Head Department of Dermatology.

The above project was not discussed as per letter received from Principal Investigator, mentioning that the submitted protocol was expected to have major revision and revised protocol will be submitted once it was available.

2. Project entitled "Evaluation of Safety and Efficacy of Hydroxychloroquine Sulfate as an Adjunct to Diet and Exercise to Improve Glycemic Control in Type 2 Diabetes Patients Uncontrolled on Sulfonylurea and



Metformin Combination". Investigator from MGMIHS: Dr. Vandana Dandekar, Assistant Professor, Department of Medicine.

The above mentioned project was discussed at length. The members were concerned about late ocular toxicity of hydroxychloroquine as the drug may remain in body for longer duration after discontinuation of treatment. The committee recommended to follow up the cases for ocular toxicity for 12 months after discontinuation of therapy. Project has approved by the Ethics Committee subject to approval of use of hydroxychloroquine sulfate to improve glycemic control in Type 2 diabetes patients by Drug Controller General of India.

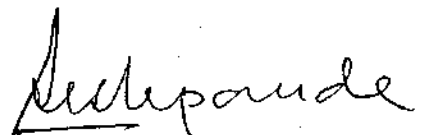
3. Protocol entitled "Impact of Radiations from Cell Phone Towers and Cell Phone Use on Health of Pregnant Women, Neonates and Infants: A Multidisciplinary Collaborative Effort". Principle Investigator: Dr. Maninder Singh Setia, Epidemiologist.


The above mentioned project was discussed in detail and was approved by the Ethics Committee.

4. Project entitled "Non-Invasive TB Triage & Patients Mapping Platform Using Breath Via Low-Cost Titanium Dioxide Nanotube Sensor". Investigator from MGMIHS: Dr. Samir Pachpute, Assistant Professor, Department of Microbiology.

The project was discussed in detail. It is a simple non-invasive breath test to be validated for screening of pulmonary tuberculosis. The study does not interfere in the National protocol of TB diagnosis or management. The statistical details and translation of consent form in regional languages may be subsequently submitted.

The project was approved by the Ethics Committee.

  
Dr. Alaka Deshpande, MD, MAMS, FIMS, FICP  
Chairperson  
Hon. Professor of Medicine  
Grant Medical College & Sir JJ Group of Hospitals  
Mumbai

  
Dr. Savita Sahani, MD  
Member Secretary  
Professor  
Department of Pharmacology  
MGM Medical College and  
Hospital, Navi Mumbai



**MGM INSTITUTE OF HEALTH SCIENCES**  
(Deemed University U/s 3 of UGC Act 1956)  
Accredited Grade "A" by NAAC

**Minutes of the Ethics Committee for Research on Human Subjects (ECRHS)**

Meeting of the ECRHS of MGM Institute of Health Sciences, Navi Mumbai was held on 13<sup>th</sup> March, 2018 at 09.30 am at 3<sup>rd</sup> Floor, Conference Hall. The following members had participated in the meeting.

1. Dr Alaka Deshpande	:	Chairperson
2. Dr Abhijit De	:	Member
3. Dr Sirish Joshi	:	Member
4. Dr A Bandivdekar	:	Member
5. Dr Savita Shahani	:	Member Secretary
6. Shri E A Patil	:	Member
7. Dr. Ipseeta Ray	:	Member
8. Dr. J C Sharma	:	Member

**Title :** To study phenotypic characteristics of different types of diabetes in the young and genetic characterization of monogenic diabetes (MODY)

PhD Student	:	Neha V More
Guide	:	Dr. Parineeta Samant
Subject	:	Biochemistry

Candidate was asked to modify the Consent Form and incorporate the Patient Information Sheet and Translation in local languages.

Research project was approved subject to incorporating the changes as suggested.

**Title :** Associative role of MTHFR, PR & TYMS6bpdel polymorphisms with reference to pre-term delivery

PhD Student	:	Surya Panikar
Guide	:	Dr. Mansee Thakur
Subject	:	Genetics

Candidate was asked to modify the Consent Form and incorporate the Patient Information Sheet and Translation in local languages.

Modify the Proforma mentioning the details of the drug abuse and medical history

Research project was approved subject to incorporating the changes as suggested.



**Title :** Study of lipoarabinomannan (LAM) as a biomarker for diagnosis of tuberculosis and response to treatment

<b>PhD Student</b>	:	<b>Arth Nath Dube</b>
<b>Guide</b>	:	<b>Dr. A D Urhekar</b>
<b>Subject</b>	:	<b>Microbiology</b>

Candidate was asked to exclude MDR TB cases

Modify the Consent Form and incorporate the Patient Information Sheet and Translation in local languages.

Research project was approved subject to incorporating the changes as suggested.

**Title :** Evaluation of Microteaching as Teaching - Learning tool for Teachers in Health Sciences

<b>PhD Student</b>	:	<b>Madhavi Mankar</b>
<b>Guide</b>	:	<b>Dr. Siddharth Dubashi</b>
<b>Subject</b>	:	<b>Health Profession Education</b>

Candidate presented the Research Proposal before the committee, members were of opinion that, the project does not involve the ethical clearance as the study doesn't involve any human or animal biological fluid or the patients data.

**Title :** Studies on maternal colonization of group B streptococcus and its association with preterm deliveries, preeclampsia & still birth

<b>PhD Student</b>	:	<b>Abhishek Singh</b>
<b>Guide</b>	:	<b>Dr. A D Urhekar</b>
<b>Subject</b>	:	<b>Microbiology</b>

Candidate was asked to modify the Consent Form and incorporate the Patient Information Sheet and Translation in local languages

Research project was approved subject to incorporating the changes as suggested.

**Title :** Comparative study of microanatomy of fetal cerebrum of normal and eclamptic mothers

<b>PhD Student</b>	:	<b>Muthuchitra R Pandian</b>
<b>Guide</b>	:	<b>Dr. Anjali Sabnis</b>
<b>Subject</b>	:	<b>Anatomy</b>

Candidate was asked to :

To clarify the fate of the foetus after research study is completed

Modify the Consent Form and to incorporate the Patient Information Sheet and Translation in local language

Research project was approved subject to incorporating the changes as suggested and justification.

PhD Student	:	Deepa Awlegoankar
Guide	:	Dr. Mary Mathews
Subject	:	Nursing

Candidate was asked to Incorporate Patient Information sheet separate for child and parents. Also incorporate ascent form for the children above ten years and its translation in local languages

Research project was approved subject to incorporating the changes as suggested.

**Title :** Develop and evaluate practice model for care givers in crèches

PhD Student	:	Arunima S.
Guide	:	Dr. Mary Mathews
Subject	:	Nursing

Candidate was asked to modify the Consent form and incorporate Information sheet  
Research project was approved subject to incorporating the changes as suggested.

**Title :** Impact of Nurse directed intervention for the management of anemia in pregnancy

PhD Student	:	Geeta Sagnali
Guide	:	Dr. Mary Mathews
Subject	:	Nursing

Candidate was asked to modify the Consent form and incorporate Information sheet  
Research project was approved subject to incorporating the changes as suggested.

**Title :** Effect of nurse led intervention on TNF alpha, cognitive and non-cognitive function of patients receiving chemotherapy for CRC at Tata Memorial Hospital

PhD Student	:	Anita D'souza
Guide	:	Dr. Mary Mathews
Subject	:	Nursing


Candidate was asked to incorporate Patient Information sheet and to translate Consent form and Information sheet in local languages.

To take the permission from the authorities from where patients' data will be collected  
Research project was approved subject to incorporating the changes as suggested.

**Title :** Protein mediated synthesis of anti-oxidant calcium nanoparticles and its UV protecting potential

<b>PhD Student</b>	:	<b>Sasmita Barik</b>
<b>Guide</b>	:	<b>Dr. Raman P Yadav</b>
<b>Subject</b>	:	<b>Biotechnology</b>

Candidate forwarded the Research Proposal to the Ethics Committee, Committee members were discussed about the proposal and members were of opinion that, the project does not involve the ethical clearance, as the study doesn't involve any human or animal biological fluid or the patients data.

  
Dr. Savita Shahani  
(Member Secretary)



**MGM INSTITUTE OF HEALTH SCIENCES**  
(Deemed University U/s 3 of UGC Act 1956)  
Accredited Grade "A" by NAAC

**Minutes of the Ethics Committee for Research on Human Subjects (ECRHS)**

Meeting of the ECRHS of MGM Institute of Health Sciences, Navi Mumbai was held on 20<sup>th</sup> January 2017 at 11.00 am at 3<sup>rd</sup> Floor, Conference Hall. The following members had participated in the meeting:

Dr Alaka Deshpande	:	Chairperson
Dr. Chander P Puri	:	Member
Dr. J C Sharma	:	Member
Dr A Bandivdekar	:	Member
Shri. E A Patil	:	Member
Dr Savita Shahani	:	Member Secretary
Dr Raman P Yadav	:	Member

Dr. Alaka Deshpande Chaired the meeting.

**Title : Long term monitoring of functional outcome of multilevel orthopedic surgeries in children and adolescents with cerebral palsy**

Name of PhD Student	:	Triveri Shetty
Guide	:	Dr. Rajani Mullerpatan
Subject	:	Physiotherapy

The above mentioned Research Project was reviewed by the Members Research and recognition Committee (RRC) at its meeting held on 14<sup>th</sup> December 2016. RRC had recommended to incorporate the suggestions, and the modified project be thereafter referred to Ethics Committee for approval. Accordingly the members of the Ethics Committee observed the changes which had been incorporated in the revised project and also change in the title.

The Ethical Committee reviewed the ethical aspects of the revised research project and reviewed the following:

Members suggested to use correct terminologies



Members also suggested that in case of control group which included patient without surgical interventions it should be recorded that participant/his/her LAG refused to give consent for surgery inspite of counseling.

Candidate was asked to submit informed consent form with patient information sheet and consent form for children above 10 years.

Candidate was suggested to keep a note of relevant biochemical and radiological reports of participants which may be considered for data analysis.

The Research Project was approved by Ethical Committee subject to approval from SAC.

**Title: Isolation of plant derived efflux pump inhibitor and its Drug susceptibility potential in *Plasmodium falciparum***

Name of PhD Student : Chandana Kulkarni  
Guide : Dr. Raman P Yadav  
Subject : Biotechnology

Study design which was approved by Research and Recognition Committee (RRC) meeting held on 16<sup>th</sup> December 2016, required Ethical Committee approval for collection of blood from healthy volunteers required for laboratory culture. Approval was granted subject to submission of relevant informed consent documents.

**Title: Real world, non-interventional, observational study of Venusia® max cream as moisturizer in psoriasis**

Principal Investigator : Dr. H R Jerajani

#### Recommendations:

1. To modify the study objectives as the submitted study design can't analyze the efficacy of product.
2. Mention the number of centers participating in the proposed multicenter study.
3. Provide information whether the product is registered as cosmetics or a drug and whether any approval from regulatory authorities had been obtained for conducting clinical trial. Provide a copy of letter from DCGI to this effect.
4. Incorporate provision for treatment of adverse events including SAEs for study participants.
5. Make provision for compensation of volunteers for travel and time lost related expenses. The medicine should be provided free to the participating volunteers.

6. Sponsor's agreement and publication policy needs to be reconsidered, allowing the PI to publish work.

✓ Title: Real world, non-interventional, observational study of Hydroxyzine Hydrochloride in chronic pruritus

Principal Investigator

: Dr. H R Jerajani

**Recommendations:**

1. To modify the study objectives as the submitted study design can't analyze the efficacy of product.
2. Mention the number of centers participating in the proposed multicenter study.
3. Provide information whether the product is registered as cosmetics or a drug and whether any approval from regulatory authorities had been obtained for conducting clinical trial. Provide a copy of letter from DCGI to this effect.
4. Incorporate provision for treatment of adverse events for study participants.
5. Make provision for compensation of volunteers for travel and time lost related expenses. The medicine should be provided free to the participating volunteers.
6. Sponsor's agreement and publication policy needs to be reconsidered, allowing the PI to publish work.

*DSG*  
(Member Secretary)



**MGM INSTITUTE OF HEALTH SCIENCES**  
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Accredited Grade A by NAAC

**Minutes of the Ethical Committee for Research on Human Subjects**

Meeting of the Ethical Committee for Research on Human Subjects of MGM Institute of Health Sciences, Navi Mumbai was held on 23<sup>rd</sup> December 2015 in the Conference Hall. The following functionaries had participated in the meeting:

- |                       |             |
|-----------------------|-------------|
| 1. Dr Alaka Deshpande | Chairperson |
| 2. Dr Chander P Puri  |             |
| 3. Dr Ipseeta Ray     |             |
| 4. Dr J C Sharma      |             |
| 5. Dr Raman P Yadav   |             |
| 6. Shri L V Patil     |             |
| 7. Shri E A Patil     |             |

- 1] Title: A multicenter observational study to describe the complications, cost impact and impact on the quality of life of Herpes Zoster in Indian population.

Principal Investigator : Dr. Hemangi Jerajani

**Comments & Recommendations:**

Budget details, including overhead charges sanctioned for the Institute needs to be specified.

The Protocol was approved by Ethics Committee, subject to clarifications.

- 2] Title: Study of the neuronal and glial changes in olfactory pathway with age.

PhD Student	: Dr. Monali Sonawane
Guide	: Dr. Aruna Mukherjee
Subject	: Anatomy

**Comments & Recommendations**

- a. The title does not specify the source of the specimen. Appropriate modifications in the title needs to be undertaken.



- b. It is desirable to obtain consent from the family for the use of cadavers for the present study in writing, wherever feasible.
- c. It is suggested that, MOU between MGMIHS and NIMHANS should be developed before both the institutions begin collaborating on the PhD research activities.

The research proposal was approved by the Ethics committee, subject to incorporation of suggested changes.

3] Title: Age related changes in human hypothalamus.

PhD Student	: Dr. Pravin Rathod
Guide	: Dr. Aruna Mukherjee
Subject	: Anatomy

#### Comments & Recommendations

- a. The sample size should be increased to obtain meaningful data.
- b. Appropriate modification in the title needs to be undertaken as the present title does not specify the source of the specimen.
- c. It is desirable to obtain consent from the family for use of cadavers for the present study in writing wherever feasible.
- d. It is suggested that, MOU between MGMIHS and NIMHANS should be developed before both the institutions begin collaborating on the PhD research activities.

The proposal was approved by the Ethics Committee, subject to the incorporation of the suggested changes.

4] Title: An epidemiological assessment of brucellosis and associated risk factors in South Nagpur, Maharashtra.

PhD Student	: Dr. Satish Ghuegy
Guide	: Dr. Maninder Setia
Subject	: Community Medicine

#### Comments & Recommendations

- a. The sample size needs to be recalculated as the present sample size seems to be too small for an epidemiological study.
- b. CRF Form, Patient Information sheet and the Educational Intervention module should be submitted to the Ethics Committee for final approval.

The proposal was approved by the Ethics Committee, subject to modifications and incorporation of suggested changes..

- 5] Title: To study the utility of novel breath-based point-of-care titanium dioxide nanotube sensor device for the screening and diagnosis of pulmonary tuberculosis.

PhD Student : Dr. Samir Pachpute  
Guide : Dr. A D Urhekar  
Subject : Microbiology

#### Comments & Recommendations

- Mycobacterial Culture/PCR should be used as gold standard for microbiological diagnosis in pulmonary tuberculosis in suspected cases where sputum has to be induced
- The accessories such as plastic bags that would be discarded needs to be disposed off according to the Standard Guidelines

The proposal was approved by the Ethics Committee, subject to modifications and incorporation of the suggested changes.

- 6] Title: To study association between obesity, type-2 diabetes and obstructive sleep apnea disease.

PhD Student : Vijay Kumar Shah  
Guide : Dr. Z.G. Badade  
Subject : Biochemistry

#### Comments & Recommendations

- Title and study objectives do not match. The title needs to be modified appropriately.
- Study group III (Life style change/dietary intervention without CPAP) committed in the study protocol is not ethically permissible. CPAP therapy cannot be withheld in individuals with sleep apnea as it is medically indicated (Known to be beneficial) in such cases
- CRF Form and Patient Information sheet should be submitted to the Ethics Committee for final approval

The proposal was approved by the Ethics subject to modification and incorporation of suggested changes.

- 7] Title: Impact of parent -child education package on psychosocial adjustment and academic performance among teen agers with internet addiction disorder in selected schools of Mumbai/Navi Mumbai.

PhD Student : Farjana Begam  
Guide : Dr. PrabhaDasila  
Subject : Nursing

### Comments & Recommendations

- a. Study Title is too long. Needs to be abbreviated and simplified.
- b. Questionnaire for the study needs to be modified in the Indian context

The proposal was approved by the Ethics Committee, subject to the incorporation of the suggested changes and modification of the title.

- 8] Title: Utility of D-dimer as a potential biomarker for assessing the severity and response to treatment in acute and chronic urticaria

Principal Investigator : Dr. Shaurya Rohatgi  
Co-Investigator : Dr. Hemangi Jerajani

The Project was approved by the Ethics Committee.

- 9] The protocol entitled "Phase IV Clinical trial with Hydroxychloroquine sulfate 400 mg in Type 2 diabetes" submitted by Dr Vandana Dandekar was tentatively approved by the Ethics Committee meeting held on 11<sup>th</sup> September 2015, subject to DCGI approval. After going through the communication of DCGI vide their letter No. CT NOC No: CT/SND/66/2015 dated 8.12.15, permitting the Phase IV trial, the study was approved by the Ethics Committee.

The meeting ended with thanks to the chair.

Agenda and date of next Meeting to be decided.

*[Signature]*  
For Member Secretary  
29/12/15



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**Minutes of the Ethics Committee for Research on Human Subjects (ECRHS)**

Meeting of the ECRHS of MGM Institute of Health Sciences, Navi Mumbai was held on 27<sup>th</sup> December 2017 at 10.00 am at 3<sup>rd</sup> Floor, Conference Hall. The following members had participated in the meeting.

1. Dr Alaka Deshpande	:	Chairperson
2. Dr. Chander P Puri	:	Member
3. Dr. J C Sharma	:	Member
4. Dr. Prakash P Doke	:	Member
5. Dr. Abhijit De	:	Member
6. Dr. Shirish Joshi	:	Member
7. Dr A Bandivdekar	:	Member
8. Dr Savita Shahani	:	Member Secretary
9. Dr. G S Narshetty	:	Member

Dr. Alaka Deshpande Chaired the meeting.

**Title :** Study, evaluate and analysis of MGM TB Detector System

Principal Investigator : Dr. P V Potdar

Co-Investigator's : Dr. Mansee Thakur

Members made the following comments:

- The project was discussed in detail. The consensus was that project is not written with proper microbiological or clinical criteria.
- Aims and Objectives are vague and lack both clinical and microbiological perspective.
- The design of the study has many flaws. Each member has given various inputs to improve the design.
- PI claimed that it uses micro-nano technology however when asked to elaborate the PI admitted that it does not use micro-nano technology.



- The PI did not give any details of the detector system and later said that it was developed by another agency. The PI did not provide NOC or MOU from the agency which has developed the detection system.
- TB programme has started Gene-Xpert exam at large number of centres which can be used to detect MTB in any biological sample. This system is only for detection of MTB in sputum so the claim that it can be used for early detection at a cheaper cost at rural set up seems untenable. The cheapest detection is sputum microscopy which is available in all rural health set up.
- The project does not elaborate how it is superior to GeneXpert and how feasible it is for use in a rural set up.
- The patient information sheet and consent form also needs lot of revision.
- The committee unanimously concluded that the project should be revised and rewritten with proper microbiological and clinical inputs.
- Revised project along with a copy of NOC from the developing agency should be re-submitted for ethical consideration.

**Title :** Active TB case finding in persons infected with HIV having low CD4 count (<200) by screening with symptom screen & investigations

Principal Investigator : Dr. P V Potdar

Co-Investigator's : Dr. Alka Patnaik

Dr. C D Kulkarni

Dr. Harapriya Kar

Dr. Prem Maurya

- Intends to study Tuberculosis in new HIV patients with CD4 <200. PI appeared oblivious to Government of India's ART programme. At present 3 drug ART is started to all seropositive patients, immediately after detection irrespective of CD4 counts. Therefore it is not feasible to get 400 new HIV-TB cases with CD4 <200.
- Secondly the PI will be conducting the study at various ART centres however their consent was not taken. In fact if study material is to be used from various Institutions the approval from respective IECs will also be required.
- It was suggested to modify the project as an observational study and collect data on MDR TB in HIV cases, their presentation, relation to serostatus, response to treatment etc. This study can be done at various DOT plus centres. Accordingly the project should be resubmitted.

**Title :** Biomechanical analysis and energy expenditure of traditional Chair and wall suryanamaskar

Principal Investigator : Dr. Apurv Shimpi

Co-Investigator : Dr. Rajani Mullerpatan

Protocol was approved unanimously

**Title :** Biomechanical exploration of Suryanamaskar for scientific application in low back pain

Principal Investigator : Dr. Rajani Mullerpatan

Co-Investigator's : Dr. Omkar S N, IISc., Bangalore  
Mr. Girish

Protocol was approved unanimously

**Title :** Biomechanical exploration of Bharatanatyam dance postures

Principal Investigator : Dr. Juhi Bharnuke

Co-Investigator's : Dr. Rajani Mullerpatan

Protocol was approved unanimously.

**Title :** Distal femur reconstruction with rotating versus fixed hinged megaprosthesis: An objective study using gait analysis and comparative data from normal population

Principal Investigator : Dr. Manish Agarwal

Co-Investigator's : Dr. Rajani Mullerpatan  
Prof. B Ravi  
Dr. Manit Gundavda


Protocol was approved subject to submitting permission from Ethics Committee of PD Hinduja Hospital.

**Title :** Comparison of newly developed prosthetic designs against conventional prosthesis in unilateral below/above knee amputation patients.

Principal Investigator : Dr. Rajani Mullerpatan

Co-Investigator : Dr. Sujatha Srinivasan, IIT Madras

Protocol was approved unanimously.

  
Dr. Savita Sahani  
(Member Secretary)



**MGM INSTITUTE OF HEALTH SCIENCES**  
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**Accredited Grade A by NAAC**

**Minutes of the Ethical Committee for Research on Human Subjects**

Meeting of the Ethical Committee for Research on Human Subjects of MGM Institute of Health Sciences, Navi Mumbai was held on 27<sup>th</sup> March 2015 in the Conference Hall. The following functionaries had participated in the meeting:

- |                       |   |                  |
|-----------------------|---|------------------|
| 1. Dr Smita Mahale    | : | Chairperson      |
| 2. Dr Chander P Puri  |   |                  |
| 3. Dr Y A Deshmukh    | : | Member Secretary |
| 4. Dr Alaka Deshpande |   |                  |
| 5. Dr Rajiv Kalraiya  |   |                  |
| 6. Dr J C Sharma      |   |                  |
| 7. Dr Shirish Joshi   |   |                  |
| 8. Dr Raman P Yadav   |   |                  |
| 9. Dr Ipseeta Ray     |   |                  |

1. **Title: Inhibition studies on Plasmodium falciparum specific enzymes with antiplasmodial agents.**

PhD Student	:	Ms. Upasana Shyamsunder Singh
Guide	:	Dr. Raman P. Yadav
Subject	:	Biotechnology

Research proposal was approved

2. **Title: Study of sympathetic and parasympathetic stimulation in controls and hypertensive.**

PhD Student	:	Ms. Manasi S Sawant
Guide	:	Dr. G D Jindal
Subject	:	Biotechnology

The research proposal was approved.

Title will be changed as "Study of sympathetic & parasympathetic activity in controls and hypertensives".



3. **Title: Study of Chlamydia trachomatis and Chlamydia specific immune response and its association with vaginal flora patterns among women attending a tertiary care hospital in Navi Mumbai.**

**PhD Student** : Mr. Mrinangka Deb  
**Guide** : Dr. A D Urhekar  
**Subject** : Microbiology

The research proposal was approved

4. **Title: Detection and Identification of campylobacter from fecal and water samples by conventional & molecular methods.**

**PhD Student** : Ms. Asharani Tatoba Kore  
**Guide** : Dr. A D Urhekar  
**Subject** : Microbiology

The proposal is approved. There is no ethical issue in the topic.

5. **Title: Pattern of sleep in type 2 diabetes mellitus**

**PhD Student** : Mr. Santosh Kumar Sah  
**Guide** : Dr. R S Inamdar  
**Subject** : Physiology

The research proposal is approved.

Title has to be changed as "sleep pattern in diabetics with obesity and without obesity"

6. **Title: Association of circulating microRNAs and Irisin peptide with risk of myocardial infarction.**

**PhD Student** : Dr. Santosh Shivaji Gawali  
**Guide** : Dr. Z G Badade  
**Subject** : Biochemistry

The research proposal was approved

7. Title: A study of clinical, immunological and genetic heterogeneity of Diabetes Mellitus in adults with GAD-65 as an Immunological marker in the early diagnosis of Latent Autoimmune Diabetes Mellitus in Adults (LADA).

PhD Student : Dr. Preeti Samir Pachpute  
Guide : Dr. Z G Badade  
Subject : Biochemistry

The research proposal was approved

8. Title: Estrogen receptor -1 polymorphism and osteoprotegerin gene polymorphism in post-menopausal women.

PhD Student : Ms. Sneha Dipak Pawar  
Guide : Dr. Z G Badade  
Subject : Biochemistry

Research proposal was approved.

The student and the guide was advised to discuss with Dr. Vikram Khatkhate of NIRRH.

9. Title: Study of amylin and inflammatory markers of coronary artery disease with type 2 diabetes mellitus.

PhD Student : Ms. Yogita Suresh Phapale  
Guide : Dr. Z G Badade  
Subject : Biochemistry

The research proposal was approved

10. Title: Embryogenesis of Human Gonads.

PhD Student : Dr. Sumi Elizebeth Reny  
Guide : Dr. Aruna Mukherjee  
Subject : Anatomy

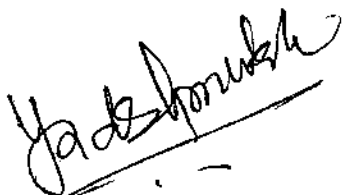
Research proposal was approved.

Fetuses from 6wks - 20wks to be supplied by EmProcell.

11. Title: Proliferative capacity and functional activity of retinal progenitor cells  
in developing human fetuses

PhD Student : Mr. Prakash Mane  
Guide : Dr. Anjali Sabnis  
Subject : Anatomy

Research proposal was approved.

  
(Member Secretary)



**MGM INSTITUTE OF HEALTH SCIENCES**  
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MGMIHS/ 01/ PVCR/5/2013 /

Date: 30.12.2013

**Minutes of the Meeting Ethics Committee for Research on Human Subject**

The meeting of Meeting of the Ethics Committee for Research on Human Subject was held on 27.11.2013 at 11.00 am in the Conference Room of the MGMIHS

Dr. Prakash Doke presided over the meeting in place of Chairman Dr. R.D. Bapat who could not participate. The following members had participated in the meeting.

1. Dr. Chander Puri
2. Dr. Rajiv Kalraiya
3. Dr. Ispeeta Ray
4. Dr. Padama Chavan
5. Dr. J.C. Shrama
6. Dr. Alaka K. Deshpande
7. Dr. Y.A. Deshmukh
8. Shri L.V. Patil

**Project Title: A randomized, controlled trial to assess the impact of TAMA (Health IT System) on treatment effectiveness in HIV-1 infected subjects initiated on first line antiretroviral therapy."**

**Principal Investigator: Dr. Alaka Deshpande**

**Observations and recommendations**

1. Since the project is sponsored by a foreign company Janssen Infectious, Belgium the permission from the ICMR and/or Ministry of Health and Family Welfare should be obtained.
2. The investigator should mention the research grant which MGM Medical College will receive from the sponsor.
3. The Chief coordinator of this multicentric study should be identified.
4. The CRO in India for this project is not mentioned in the documents, Authority letter from the sponsor to this effect is not attached/submitted.



4. The CRO in India for this project is not mentioned in the documents, Authority letter from the sponsor to this effect is not attached/submitted.
5. What is the role of IIT Mumbai who has developed TAMA is not clear.
6. The Insurance letter of M/S Bajaj Alliance states that the Insurance would expire by February 2014 and all participating sites/investigators are not covered by the Insurance policy. The policy should be extended covering both the participating centers and the investigators.

After receiving satisfactory reply from the investigator Dr. Alka Deshpande the Ethics Committee would approve the study.

**Project Title:** Phase IV, Randomized, single-blind, study to evaluate the immunogenicity, reactogenicity and safety of the live attenuated rotavirus vaccine (Rotavac ®) as a 3-dose series when administered simultaneously with or without buffering agent, in healthy infants.


**Principal Investigator:** Dr. N.C. Mohanty

The members were reminded that "the main objective of conducting the Phase IV Clinical Trials was to identify and evaluate the long-term effects of new drugs and treatments over a lengthy period for a greater number of patients. Phase IV research takes place after the FDA approves the marketing of a new drug. Through Phase IV clinical studies, new drugs can be tested continuously to uncover more information about efficacy, safety and side effects after being approved for marketing." It is primarily a Post-marketing Surveillance of the drug after marketing.

The proposal from Dr Mohanty is to undertake Phase IV Clinical Trial with Rotavac vaccine of Bharat Biotech. While DCGI has approved marketing of the vaccine however the vaccine has not yet been launched in the market. In view of this, technically the study cannot be called **Phase IV Clinical Study**.

As per the package insert, approved by the regulatory authorities, the vaccine is to be used along with the buffer provided in the package by the company. However, in the Phase IV mode, the investigators also plan to evaluate the vaccine without buffer. The investigators or the company has not undertaken Phase III Clinical Trial in which Rotavac Vaccine was evaluated without buffer. The possible implications of this (buffering effect) with respect to immunogenicity of the vaccine and/or its reactions are not known. In view of this, the Committee decided not to approve one arm of the study to evaluate the possible effects of vaccine when used without buffer.

The Committee also decided that after the marketing of Rotavac was started and the company had sold sufficient number of doses, the proposed study (minus the only vaccine arm) could be approved.

A handwritten signature in dark ink, appearing to read 'Dr. YA Deshmukh', written over a horizontal line.

Dr. YA Deshmukh  
Member Secretary



## MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University U/s 3 of UGC Act 1956)

Accredited Grade "A" by NAAC

### Minutes of the Ethics Committee for Research on Human Subjects (ECRHS)

Meeting of the ECRHS of MGM Institute of Health Sciences, Navi Mumbai was held on 28<sup>th</sup> February, 2018 at 10.00 am at 3<sup>rd</sup> Floor, Conference Hall. The following members had participated in the meeting.

1. Dr Alaka Deshpande	:	Chairperson
2. Dr. Abhijit De	:	Member
3. Dr. Sirish Joshi	:	Member
4. Dr A Bandivdekar	:	Member
5. Dr Savita Shahani	:	Member Secretary
6. Dr. G S Narshetty	:	Member
7. Shri E A Patil	:	Member
8. Shri L V Patil	:	Member

Dr. Alaka Deshpande Chaired the meeting.

**Title :** Study, evaluate and analysis of MGM TB Detector System

Principal Investigator : Dr. P V Potdar

Co-Investigator's : Dr. Mansec Thakur

In response to the query raised in earlier meeting of ECRHS dated 27<sup>th</sup> December 2017. PI clarified that the MGMTB Detector will be used only for the suspected Pulmonary Tuberculosis Cases using patient's sputum only. PI also clarified regarding the use of micro-nanotechnology mentioning that, as a ramification for some procedure this technology was being used during the development of TB Detector.

- Members suggested only to take Pulmonary Tuberculosis cases, which may be smear negative but diagnosed radiologically/smear positive cases
- Smear positive and culture negative cases also may be included
- The inclusive criteria will be only fresh diagnosed cases
- To incorporate Patient Information Sheet and Informed Consent form in English and its translation in regional language.

The Research project was approved subject to the incorporation above mentioned changes.



**Title :** Intensify TB case finding in persons infected with HIV by Symptom screening and using high quality investigations

Principal Investigator : Dr. P V Potdar  
Co-Investigator's : Dr. Alka Patnaik  
Dr. C D Kulkarni  
Dr. Harapriya Kar  
Dr. Prem Maurya

- Members suggested to modify the title of the Research Project by deleting the word "Symptom Screening"
- Sample selection should be all newly diagnosed HIV positive cases, excluding the pregnant women
- To incorporate Patient Information Sheet and Informed Consent form in English and its translation in regional language.
- The Research project was approved subject to the incorporation above mentioned changes.

**Title :** A multicenter, randomized double-blind placebo-controlled Phase 3 study to evaluate the efficacy and safety of Baricitinib. In adult patients with moderate to severe atopic dermatitis

Principal Investigator : Dr. Hemangi Jerajani

Study can only be started after permission of regulatory authorities. If any additional Pharmacokinetic/Pharmacodynamic studies required to be done in participants appropriate permission from regulatory authority must be obtained.  
The project was approved unanimously.

**Title :** A phase 3 multicenter, double-blind study to evaluate the long Term safety and efficacy of baricitinib in adult patients with atopic Dermatitis

Principal Investigator : Dr. Hemangi Jerajani

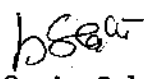
Study can only be started after permission of regulatory authorities. If any additional Pharmacokinetic/Pharmacodynamic studies required to be done in participants appropriate permission from regulatory authority must be obtained.

The project was approved unanimously.

**Title :** 'inj-TR<sup>2</sup>SERVE': comprehensive program to train, triage and improve services for unintended childhood injuries in India

**Principal Investigator** : Dr. Maninder S Setia

The project was approved unanimously.

  
Dr. Savita Sahani  
(Member Secretary)

I.A.E.C  
(Animal Ethics)

outward - MGM / Pharma / 2019 - 269



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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting dated 3<sup>rd</sup>  
Aug 2019**

In pursuance of the circular on the subject dated 10.7.19, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled on 3.8.19 at 10.00 AM, in the Lecture Hall No 2, MGM Medical College, Navi Mumbai. The following functionaries attended the meeting:

1. Dr Uddhav Kalu Chaudhari-Main CPCSEA Nominee
2. Dr Savita Shahani-Chairperson
3. Dr Vikas D Dighe-Link CPCSEA Nominee
4. Dr Dhanjit Kumar Das-Scientist from Outside the Institute
5. Dr Vishnu N Thakare-Member
6. Dr R. S. Inamdar-Member
7. Dr Mohan Latkar-Member
8. Dr Ipseeta Ray-Member Secretary

Dr G. S. Narshetty had informed the IAEC regarding their inability to attend the meeting. Hence leave of absence was granted to them.

**Proceedings**

- Minutes of the previous IAEC meeting held on 15<sup>th</sup> December 18 was confirmed unanimously after discussion paragraph wise.



- **Projects discussed**

1. **'Effect of Food colorant of Tartrazine and Erythrosine in Zebra Fish (Danio Rerio) Intervenes Developmental Profile'** submitted by Elizabeth RejiSuja (M.Sc Medical Biotechnology thesis protocol) under Dr. Himanshu Gupta, Assistant Professor, Department of Biotechnology, School of Biomedical Sciences, MGMIHS, Navi Mumbai

**Comments:** The proposal was approved by the IAEC

2. **"Safety evaluation of Kukkutandatvakbhasma, an ayurvedic medicine and its effect on GIOP model of zebrafish "** submitted by Khan Shaistaashraf (M.Sc Medical Biotechnology thesis protocol) under Dr. Himanshu Gupta, Assistant Professor, Department of Biotechnology, School of Biomedical Sciences, MGMIHS, Navi Mumbai

**Comments:** The following modifications were suggested by the IAEC:

- A. Behavioral studies need to be included in the study protocol.
- B. The full form of 'GIOP' needs to be incorporated in the title since 'GIOP' is not a standard abbreviation.

The research proposal needs to be resubmitted, incorporating the suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.

3. **Zebrafish as a Model for Drug Screening of an Ayurvedic Medicine Rasraj Ras"** submitted by Chauhan Jyoti Shriram (M.Sc Medical Biotechnology thesis protocol) under Dr. Himanshu Gupta, Assistant Professor, Department of Biotechnology, School of Biomedical Sciences, MGMIHS, Navi Mumbai

**Comments:** The proposal was approved by the IAEC

4. **"Zebrafish as an emerging Model for Osteoporosis: A primary testing platform for Screening of AsthiposhakVati"** submitted by Khalfelram Iqbal (M.Sc Medical

Biotechnology thesis protocol) under Dr. Himanshu Gupta, Assistant Professor, Department of Biotechnology, School of Biomedical Sciences, MGMIHS, Navi Mumbai

**Comments:** The following modifications were suggested by the IAEC:

- A. Since zebrafish is an established model for Osteoporosis the title of the study should be appropriately modified deleting the word 'emerging model'.
- B. The reference and details of OECD Guidelines to be used for the study needs to be included in the methodology
- C. The units for doses of test drugs to be correctly mentioned.

**The research proposal needs to be resubmitted, incorporating the suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.**

5. "Low Cost Fish feed Using Agro and Fish Waste Used in Laboratory Diets for Zebra Fish" submitted by Shivekar Ashitosh Ashok Anita (M.Sc Medical Biotechnology thesis protocol) under Dr. Mansi Thakur, Professor, Department of Biotechnology and Director, School of Biomedical Sciences, MGMIHS, Navi Mumbai

**Comments:** The following modifications were suggested by the IAEC:

- A. The nutritional analysis of the fish feed needs to be done to maintain uniformity from batch to batch and minimize variation
- B. The title should be modified incorporating the word 'dry fish waste' in the title

**The research proposal needs to be resubmitted, incorporating the suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.**

6. "Formulation of a Polyherbal tablet and evaluation of its efficacy in experimental pre-diabetes" submitted by Dhanawade Ujwala Tukaram Rupali (M.Sc Medical Pharmacology thesis protocol) under Dr. Ipseeta Ray, Professor, Pharmacology, MGM Medical College, Navi Mumbai

**Comments:** The following modifications were suggested by the IAEC:

- A. Instead of using 35 % sucrose for inducing 'Prediabetes' state in experimental rats, commercially available high carbohydrate high fat diet should be used for the study.

**The research proposal needs to be resubmitted, incorporating the suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.**

- The recent guidelines issued by CPCSEA, Government of India for animal house facility registered with CPCSEA dated 1<sup>st</sup> Feb 2019 were discussed.
- It was unanimously agreed that CCTV cameras (two in number) will be installed within two months in the animal house facility to ensure that animals are looked after and maintained as per the guidelines of CPCSEA. The footage of the CCTV recordings will be made available to the Nominee/representative of CPCSEA at the time of inspection
- Presently the veterinary surgeon visits the Institutional animal house facility three times a week. Keeping in mind the limited number of experimental animal stock maintained in the animal House facility it was agreed that the veterinary surgeon will be visiting at least three times a week and in addition regularly during animal experimentation.
- Routine health check of animal attendant and veterinary surgeon will be carried out to ensure that they are free of zoonotic diseases
- The CPCSEA letter dated 22<sup>nd</sup> March regarding revision of TA/DA and sitting allowance for CPCSEA Nominee/representative was discussed. It was agreed that compliance will be ensured for the same
- The visit of the Animal House facility was carried out by the IAEC members

- The meeting ended with thanks to the chair
- Date and Agenda of the next IAEC meeting to be decided

hSa. 3/8/19  
(Dr Savita Shahani)  
Chairperson



Uddhav Kalu Chaudhari  
16/8/2019  
(Uddhav Kalu Chaudhari)  
CPCSEA Main Nominee



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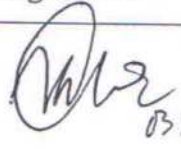
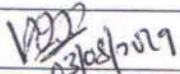
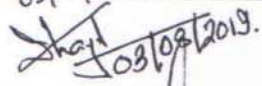
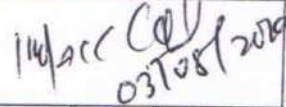
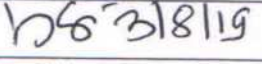
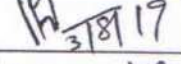
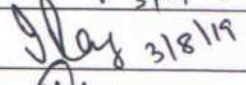

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Date: 3.8.19

### INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital was held on 3.8.2019 at 10.00 A.M in the Dean's Chamber. The following members attended the meeting:

S. No	Member	Designation	Signature
1	Dr. Uddhav Kalu Chaudhari	Main Nominee	 03/08/2019
2	Dr Vikas D. Dighe	Link Nominee	 03/08/2019
3	Dr. Dhanjit Kumar Das	Scientist from outside the Institute	 03/08/2019
4	Prof. Vishnu Thakare	Socially aware Nominee	 03/08/2019
5	Dr Savita Shahani	Chairperson	 03/08/19
6	Dr G. S. Narshetty	Member	Absent
7	Dr. R.S. Inamdar	Member	 3/8/19
8	Dr. Ipseeta Ray	Member Secretary	 3/8/19
9	Dr. Mohan Latkar	Member	





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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting  
dated 15<sup>th</sup> Dec 2018**

In pursuance of the circular on the subject dated 29.11.18, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 10 AM on 15.12.18 in the Dean's office. The following functionaries attended the meeting:

1. Dr Savita Shahani- Chairman
2. Dr Uddhav Kalu Chaudhari -CPCSEA Main Nominee
3. Dr Vikas D. Dighe - CPCSEA Link Nominee
4. Dr. Dhanjit Kumar Das- Scientist from outside the Institute
5. Prof. Vishnu Thakare - Socially aware Nominee
6. Dr Mohan Latkar-Member/ Veterinarian
7. Dr. R.S. Inamdar--Member
8. Dr Ipseeta Ray-Member Secretary

**Proceedings**

- Dr G.S. Narshetty had informed the IAEC regarding their inability to attend the IAEC meeting due to prior commitments. Leave of absence was granted to him.
- Minutes of the previous IAEC meeting held on 7<sup>th</sup> July 18 was confirmed unanimously after discussion paragraph wise.

• **Projects discussed**

- A) Effect of *Triogenella Foenum* and *Trictium aestivum* on diabetic albino Wistar rats and their antioxidant properties' submitted by **Ms. Komal Vishwakarma** (M.Sc thesis protocol, Guide: Dr Z.G. Badade, dept of Biochemistry)



**The following modifications were suggested by the IAEC:**

1. Details regarding the doses of *Triogenella Foenum* and *Trictium aestiuvm* to be used for the study along with the reference and rationale for selection of the doses needs to be submitted
2. It was suggested that keeping in mind the feasibility and convenience, instead of high fat, high fructose and streptozotocin model of diabetes, the authors can consider to explore standardization of high fat diet and low dose streptozotocin model of diabetes mellitus taking lead from scientific literature. Fat % in the feed need to be mentioned in protocol.
3. Modified process of standardization of the experimental model of diabetes (high fat diet and low dose streptozotocin) needs to be incorporated in the protocol.
4. The dose of streptozotocin to be used for the study should be mentioned with adequate support from literature
5. The study groups should include a disease control group where no other treatment will be given. Such a group will be compared with treatment group and help in determination of the efficacy of the test compounds.
6. The method of bio-standardization of medicinal plants to ensure uniformity and quality needs to be mentioned.
7. Lipid profile should be incorporated as an evaluation parameter for all the groups.
8. The total number of rats that will be used for the study should be recalculated and resubmitted.

**The research proposal is required to be resubmitted after incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and concurrence.**

- B. 'Effect of *Azadirachta indica* and *Momordicharantiaon* on diabetic albino Wistar rats and their antioxidant properties' submitted by **Ms. Anessa Sayed** (M.Sc thesis protocol, Guide: Dr Z.G. Badade, dept of Biochemistry)

The following modifications were suggested by the IAEC:

1. The protocol involves studying the efficacy of pre-treatment as well as post treatment of *Azadirachta indica* and *Momordicharantiaon* on diabetic albino Wistar rats. The antidiabetic effects of post treatment of *Azadirachta indica* and *Momordicharantiaon* is well established in literature. Therefore, the study may be limited to evaluation of efficacy of the pre-treatment of medicinal herbs in the experimental model of diabetes.
2. Plant extract treatment should be initiated two weeks before induction of diabetes by streptozotocin to study pretreatment effects. Animals can be monitored for two to three weeks after induction of diabetes.
3. It was suggested that instead of high fat, high fructose and streptozotocin model of diabetes, the authors can consider use of streptozotocin model of diabetes mellitus for the present study. The doses of streptozotocin and the details of methodology needs to be submitted.
4. The treatment plan and protocol needs to be modified and submitted
5. The total number of rats that will be used for the study should be recalculated and resubmitted.
6. The study groups should include a disease control group where no other treatment will be given. Such a group will be used for comparison and will help in determination of the efficacy of the test compounds
7. The method of bio-standardization of medicinal plants to ensure uniformity and quality needs to be mentioned.

The research proposal needs to be resubmitted, incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.

- The facility of Daphnia Magna at MGMIHS, OMICS Research Center was visited. Standard operating procedures related to Daphnia Magna is in place for its purchase and transportation, maintenance of day and light cycle, culture conditions, preparation of unchlorinated water for culture, pH monitoring of water, feed preparation, routine culture of Daphnia Magna, changing of tank water, waste disposal method, record keeping , reporting and retrieval.
- The facility of Zebra fish at School of Biomedical sciences, MGMIHS was visited. The standard operating procedures exists for cleaning, maintenance, usage and sanitization of instruments used for the zebra fish studies (incubator, microscope, laminar air flow, autoclave). Also, SOPs are in place for the Zebra fish facility care and feeding procedures, euthanasia, disposal and dissection methods. SOPs exists for preparation of basic reagents and staining protocols.
- The Inspection of the Animal House facility was conducted by the CPCSEA Nominee.
- The meeting ended with thanks to the chair
- Date of next meeting to be decided

*Savita Shahani*  
Dr Savita Shahani  
Chairman



*Uddhav Kalu Chaudhari*  
Dr Uddhav Kalu Chaudhari  
CPCSEA Main Nominee



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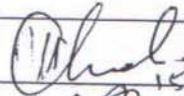
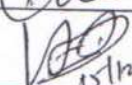
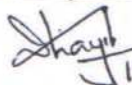
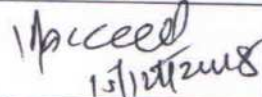
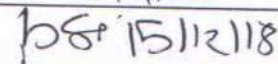
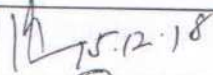
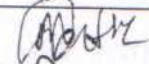
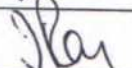
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**Institutional Animal Ethics Committee**  
**MGM Medical College**  
**Navi Mumbai**

**Attendance**

**Dated: 15.12.18**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital was held on 15.12.2018 at 10.00 A.M in the Dean's Chamber. The following members attended the meeting

S. No	Name	Designation	Signature
1.	Dr. Uddhav Kalu Chaudhari	Main Nominee	
2.	Dr Vikas D. Dighe	Link Nominee	
3.	Dr. Dhanjit Kumar Das	Scientist from outside the Institute	
4.	Prof. Vishnu Thakare	Socially aware Nominee	
5.	Dr Savita Shahani	Chairperson	
6.	Dr R. S. Inamdar	Member	
7.	Dr Mohan Latkar	Member	
8.	Dr Ipseeta Ray	Member Secretary	





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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting  
dated 7<sup>th</sup> July 2018**

In pursuance of the circular on the subject dated 19.6.18, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 10.30 AM on 7.7.18 in the Dean's office. The following functionaries attended the meeting:

No	Name	Designation
1.	Dr. Uddhav Kalu Chaudhari	Main Nominee
2.	Dr. Dhanjit Kumar Das	Scientist from outside the Institute
3.	Prof. Vishnu Thakare	Socially aware Nominee
4.	Dr Savita Shahani	Chairperson
5.	Dr. R.S. Inamdar	Member
6.	Dr. Ipseeta Ray	Member Secretary
7.	Dr. Mohan Latkar	Member

**Proceedings**

- Minutes of the previous IAEC meeting held on 16<sup>th</sup> Sept 17 were confirmed unanimously after discussion paragraph wise.
- The progress of the following research studies (Approved in the IAEC Meeting dated 16<sup>th</sup> Sept 17) was monitored and found to be satisfactory
  - Blood pressure lowering effect of poly-herbal combination of medicinal plants with Dipeptidyl peptidase-4 inhibitory activity in experimental hypertension: Mr Prithviraj Erande (M.Sc Pharmacology thesis protocol)



- Cardioprotective efficacy of poly-herbal combination of medicinal plants with Dipeptidyl peptidase-4 inhibitory activity in experimental diabetes: Mr. Dev Kumar Tiwari (M.Sc Pharmacology thesis protocol)
- It was decided that a common format for submission of progress report will be prepared by IAEC to maintain uniformity
- The Member Secretary informed the IAEC that the nomination of Dr Savita Shahani, Prof and HOD, Pharmacology to be included as Chairperson IAEC was approved by CPCSEA after following due procedures. Dr Savita Shahani emphasized the importance of ethical research and the contribution of the IAEC towards this endeavor.
- The Member Secretary placed before the IAEC communications received from
  - Dr Raman Yadav, Technical Director regarding future plans for conducting research studies/ establishing culture facilities for Daphnia Magna, Pearl Scale Goldfish
  - Dr Mansi Rathod, Director, MGM School of Biomedical Sciences related to studies/ establishing culture facilities for Zebra fish.
- The IAEC emphasized the need to comply to the existing guidelines related to research studies and culture facilities.
- All studies related to Daphnia Magna, Pearl Scale Goldfish and Zebra fish needs to be submitted to IAEC for review and consideration of approval in the prescribed CPCSEA format (Form B)
- Dr Raman Yadav and Dr Mansi Rathod were required to submit to IAEC 'Standard Operating procedures' related to purchase, transportation, in house breeding and biological waste disposal after use for Daphnia Magna, Pearl Scale Goldfish and Zebra fish.

- The IAEC would visit the Daphnia Magna, Pearl Scale Goldfish and Zebra fish facilities to ascertain that the guidelines are being followed.
- It was decided that the Inspection of the Daphnia Magna, Pearl Scale Goldfish and Zebra Fish facility will be carried out in the next IAEC meeting along with Animal House facility and report will be forwarded to CPCSEA.
- The meeting ended with thanks to the chair.
- Date and Agenda of the next IAEC meeting to be decided.

*hseaw*

(Dr Savita Shahani)  
Chairperson



*Uddhav Kalu Chaudhari*

(Dr. Uddhav Kalu Chaudhari )  
Main Nominee



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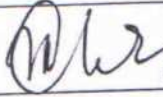
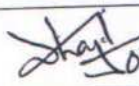
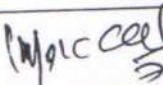


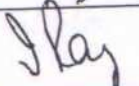
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Date: 7.7.18

**INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)**

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 7.7.18 at the Dean's office at 10.30 AM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr. Uddhav Kalu Chaudhari	Main Nominee	 07/07/2018
2.	Dr Vikas D. Dighe	Link Nominee	Absent-
3.	Dr. Dhanjit Kumar Das	Scientist from outside the Institute	 07/07/18
4.	Dr. Vishnu Thakare	Socially aware Nominee	 07/07/18
5.	Dr Savita Shahani	Chairman	Dr. 7/7/18
6.	Dr G S Narshetty	Member	Absent-
7.	Dr R. S. Inamdar	Member	 7.7.18
8.	Dr Mohan Latkar	Member	
9.	Dr Ipseeta Ray	Member Secretary	 7/7/18





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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting dated  
16<sup>th</sup> Sept 2017**

In pursuance of the circular on the subject dated 4.9.17, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 10.00 AM on 16.9.17 in the Dean's office. The following functionaries attended the meeting:

1. Dr Uddhav Kalu Chaudhari-Main CPCSEA Nominee
2. Dr Vikas D Dighe-Link CPCSEA Nominee
3. Dr Dhanjit Kumar Das-Scientist from Outside the Institute
4. Dr Vishnu N Thakare-Member
5. Dr R. S. Inamdar-Member
6. Dr Mohan Latkar-Member
7. Dr Ipseeta Ray-Member Secretary

Dr G. S. Narshetty and Dr YA Deshmukh had informed the IAEC regarding their inability to attend the meeting. Hence leave of absence was granted to them.

**Proceedings**

- Minutes of the previous IAEC meeting held on 1<sup>st</sup> July 17 was confirmed unanimously after discussion paragraph wise.



- **Projects discussed**

- A) **'Blood pressure lowering effect of poly-herbal combination of medicinal plants with Dipeptidyl peptidase-4 inhibitory activity in experimental hypertension'**  
submitted by Mr Prithviraj Erande (M.Sc Pharmacology thesis protocol)

**The following modifications were suggested by the IAEC:**

1. Blood pressure needs to be monitored more frequently (preferable once every week) to obtain the time course of change in blood pressure readings in all the experimental groups
2. Additional parameters: Renal function markers: serum creatinine, total protein and blood urea nitrogen should be included in the study.
3. Histopathology of the vital organs specially kidney and heart must be carried out to confirm the biochemical and hemodynamic findings.

**The research proposal is required to be resubmitted after incorporating the suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and concurrence.**

- B) **"Cardioprotective efficacy of poly-herbal combination of medicinal plants with Dipeptidyl peptidase-4 inhibitory activity in experimental diabetes "**  
submitted by Mr. Dev Kumar Tiwari (M.Sc Pharmacology thesis protocol)

**The following modifications were suggested by the IAEC:**

1. The number of rats to be used for acute toxicity studies was not submitted. Therefore, the total number of animals to be used for the study needs to be recalculated and submitted for approval.

**The research proposal needs to be resubmitted, incorporating the suggested changes. The proposal was approved by the IAEC subject to the incorporation of**

the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.

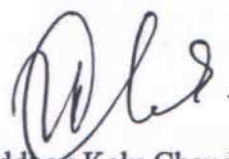
- The Member Secretary informed the IAEC that Dr YA Deshmukh has resigned from the IAEC. Therefore, in his place, the head of the Institute has nominated Dr Savita Shahani, Prof and HOD, Pharmacology to be included as IAEC member. The nomination was approved by the IAEC. It was decided the codal formalities for the inclusion of Dr Savita Shahani in IAEC will be initiated with CPCSEA as per the procedures.
- The Member Secretary placed before the IAEC communications received from Dr Raman Yadav, Technical Director regarding future plans for establishing culture facilities of Daphnia Magna and Pearl Scale Goldfish. The IAEC emphasized the need to comply to the existing guidelines related to establishing such culture facilities. The facility will be inspected by IAEC to ascertain that the guidelines are being followed.
- The Inspection of the Animal House facility was carried out by the IAEC
- The meeting ended with thanks to the chair
- Date and Agenda of the next IAEC meeting to be decided



(Dr Ipseeta Ray)  
Member Secretary



(Dr Vikas Dighe)  
CPCSEA Link Nominee



(Uddhav Kalu Chaudhari)  
CPCSEA Main Nominee





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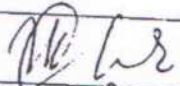
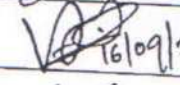

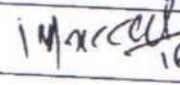
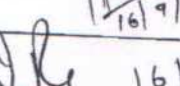
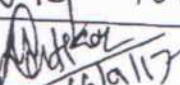
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**Institutional Animal Ethics Committee  
MGM Medical College  
Navi Mumbai**

Date: 16.09.2017

**Attendance**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital was held on 16.9.2017 at 10.00 A.M in Dean' Chamber.

Sr. No	IAEC Member	Designation	Signature
1	Dr. Uddhav Kalu Chaudhari	Main Nominee	 16/09/2017
2	Dr. Vikas D. Dighe	Link Nominee	 16/09/2017
3	Dr. Dhanjit kumar Das	Scientist from outside the Institute	 16/09/17
4	Prof. Vishnu Thakare	Socially aware Nominee	 16/09/17
5	Prof. Y. A. Deshmukh	Chairperson	
6	Dr. G.S. Narshetty	Member	
7	Dr. R.S. Inamdar	Member	
8	Dr. Ipseeta Ray	Member Secretary	 16/9/17
9	Dr. Mohan Latkar	Member	 16/9/17





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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting  
dated 1<sup>st</sup> July 2017**

In pursuance of the circular on the subject dated 20.6.17, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 10.30 AM on 1.7.17 in the Dean's office. The following functionaries attended the meeting:

1. Dr Vikas D Dighe-CPCSEA Nominee
2. Dr Dhanjit Kumar Das-Scientist from Outside the Institute
3. Dr Vishnu N Thakare-Member
4. Dr G. S. Narshetty-Member
5. Dr R. S. Inamdar-Member
6. Dr Mohan Latkar-Member
7. Dr Ipseeta Ray-Member Secretary

**Proceedings**

- Minutes of the previous IAEC meeting held on 25<sup>th</sup> Feb 17 was confirmed unanimously after discussion paragraph wise.

**Projects discussed**

- A) 'Potent pancreatic lipase inhibitor from food plants and development of safer anti-obesity formulation' submitted by Ms. Sweta Vishnu Mhatre (PhD thesis protocol)

**The following modifications were suggested by the IAEC:**

1. Toxicity data needs to be generated by acute toxicity testing (OECD guideline 425). IAEC felt that it would be too hypothetical to assume that the pancreatic lipase (PL) Inhibitors are safe and proceed with the further studies the rat model of high fat diet. Therefore, toxicity of these PL Inhibitors needs to be established first.
2. The human equivalent doses of PL Inhibitors to be used in the study should be calculated giving justification based on the results of preliminary toxicity studies and the invitro studies.

*[Handwritten signature]*



3. The experimental model of high fat diet should to be standardized in the laboratory based on scientific literature.
4. Additional parameters: blood glucose, calcium, phosphorus and total protein should be included in the study.
5. A positive control group (Orlistat) must be added to the study groups to provide meaningful information.
6. The number of animals to be used for the study needs to be recalculated and submitted for approval.
7. Instead of Ether, the anesthetic isoflurane should be used as anesthetic for conducting the study
8. In the Form B (Part B) application to CPCSEA, following needs to be mentioned:
  - o Rehabilitation plan (Point No. 13.c)

IAEC advised that the present research protocol should be divided into two stages. The first part should assess the acute toxicity( MTD) of the PL Inhibitors and the second part; evaluate the therapeutic potential of these inhibitors in the rat model of hyperlipidemia. Once the safety of PL Inhibitors is established in experimental rats, the toxicity data needs to be presented/circulated to the IAEC for consideration of approval for conducting the second part of the study.

The research proposal is required to be resubmitted after incorporating the suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and concurrence.

- B) **'Isolation and characterization of multifunctional molecule from plant and its antidiabetesity potential '** by Ms. Priyanka Rathod (PhD thesis protocol)

The following modifications were suggested by the IAEC:

1. Toxicity data needs to be generated by acute toxicity testing ( OECD guideline 425)before proceeding with the further studies in the rat model of diabetes and obesity.
2. The human equivalent doses of the test compounds to be used for the study should be calculated based on the preliminary toxicity study results.
3. The experimental model of diabetesity should to be standardized first in the laboratory based on scientific literature.

4. The experimental groups 2-5 are not the primary objective of the study . The same will not provide any additional information to support the findings. Therefore to minimize the animal usage these groups may be omitted from the study design.
5. The number of animals to be used for the study needs to be recalculated and submitted for approval.
6. Additional parameters: blood glucose, calcium, phosphorus and total protein should be included in the study.
7. Instead of Ether, the anesthetic isoflurane should be used as anesthetic for conducting the study
8. The rehabilitation plan of the experimental mice after its use in the present study needs to be specified.

IAEC advised that the present research protocol should be divided into two stages. The first part should assess the toxicity of the test compounds and the second part; evaluate the therapeutic potential of these inhibitors in the rat model of diabetes. Once the safety of PL Inhibitors is established in experimental rats, the toxicity data needs to be presented/circulated to the IAEC for consideration of approval for conducting the second part of the study.

The research proposal needs to be resubmitted, incorporating the suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.

**C) 'Study of Effect of Iron Nanoparticles on Iron Deficiency Anaemia using Rat Model' by Ms Smital S Kulkarni (PhD thesis protocol)**

The following modifications were suggested by the IAEC:

1. A positive control group which includes the conventional iron routinely used clinically needs to be added to the study.
2. The dose of conventional iron to be used for the study needs to be calculated based on the dose of iron being used clinically.
3. The number of animals to be used for the study needs to be recalculated and submitted for approval.

The research protocol was designed to synthesize iron nanoparticles from plants grown by the hydroponics method in the laboratory. Further the investigators intend to assess

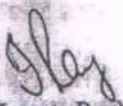
the therapeutic potential of these iron nanoparticles in the rat model of anemia. The

stability, characterization and toxicity of the iron nanoparticles synthesized by the Investigator in the laboratory was presented to the IAEC.


The IAEC reviewed the stability, characterization and toxicity data of the nanoparticles. The safety of nanoparticles was established. Therefore, permission to proceed with the further studies in the rat model of anemia was granted.

The research protocol is approved in the present form subject to incorporation of the suggested changes. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.

- The Inspection of the Animal House facility was carried out by the IAEC
- The meeting ended with thanks to the chair

  
(Dr Ipsita Ray)  
Member Secretary



  
(Dr Vikas Dighe)  
CPCSEA Nominee



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**Institutional Animal Ethics Committee**



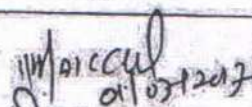




**MGM Medical College**

**Navi Mumbai**

Attendance

Dated: 01-07-17

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital was held on 1-07-17 at 10.30 A.M in Dean's Chamber. Following members attended the Meeting

Sr.No	Members	Designation	Signature
1.	Dr. Vikas D. Dighe	Link CPCSEA Nominee	
2.	Dr. Dhanjit Kumar Das	Scientist from outside the Institute	
3.	Prof. Vishnu N. Thakare	Socially Aware Nominee	
4.	Dr G. S. Narshetty	Member	
5.	Dr. Y.A. Deshmukh	Convener	
6.	Dr. R.S. Inamdar	Member	
7.	Dr. Ipseeta Ray	Member Secretary	
8.	Dr. Mohan Latkar	Member	





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### Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting

In pursuance of the circular on the subject dated 2.02.17, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 2.30 PM on 25.02.17 in the Dean's office. The following functionaries attended the meeting

1. Dr YA Deshmukh- Chairman
2. Dr Vikas Dighe-CPCSEA Nominee
3. Dr G. S. Narshetty-Member
4. Dr Vishnu Thakare-Member
5. Dr R. S. Inamdar-Member
6. Dr Mohan Latkar-Member
7. Dr Ipseeta Ray-Member Secretary

### Proceedings

- Dr U.K. Chaudari and Dr D. K. Das had informed the IAEC regarding their inability to attend the IAEC meeting due to prior commitments. Leave of absence was granted to them.
- Dr YA Deshmukh, Chairperson IAEC, introduced and welcomed the members of the newly reconstituted IAEC.
- Dr Dighe emphasized the following points for smooth and efficient functioning of the IAEC.
  - Progress report of the Ongoing Projects (approved by IAEC) in the prescribed format must be submitted to the IAEC every 6 months
  - Duplicate copy of Attendance sheet for IAEC Meeting must be maintained for proper documentation.
- The IAEC Members visited the animal house facility. Following changes were suggested
  - Installation of autoclave in the Animal House for sterilization of bedding material used for housing of experimental animals.
  - Timer for control of functions of exhaust fan and lighting.



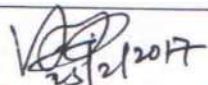
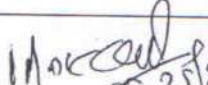

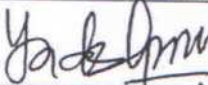
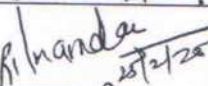
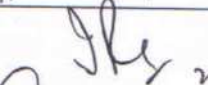
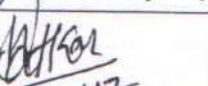
**Institutional Animal Ethics Committee**

**MGM Medical College**

**Navi Mumbai**

**Attendance**

The meeting of Animal Ethics Committee of MGM Medical College and Hospital was held on **25-02-17 (Saturday)** at 2.30 pm in the Dean's chamber. Following members attended the meeting.

Sr.No.	IAEC Member		Signature
1.	Dr. Uddhav Kalu Chaudhari	Main Nominee	
2.	Dr. Vikas. D. Dighe	Link Nominee	 25/2/2017
3.	Dr. Dhanjit Kumar Das	Scientist from outside the Institute	
4.	Prof. Vishnu N. Thakare	Socially Aware Nominee	 25/2/17
5.	Dr. G. S. Narshetty	Member	 25-2-17
6.	Dr. Y.A. Deshmukh	Chairperson	 25/2/2017
7.	Dr. R.S. Inamdar	Member	 25/2/2017
8.	Dr. Ipseeta Ray	Member Secretary	 25/2/17
9.	Dr. Mohan Latkar	Veterinarian	 25/2/17





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**Institutional Animal Ethics Committee**

**MGM Medical College**

**Navi Mumbai**

**Notice**

**Dated: 20-06-17**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 1-07-17 at 10.30 A.M in Dean's Chamber. Following protocols attached as Annexure-I will be reviewed

Kindly make it convenient to attend the Meeting

Copy to :-

- |                            |                                      |
|----------------------------|--------------------------------------|
| 1. Dr. Vikas D. Dighe      | Link CPCSEA Nominee                  |
| 2. Dr. Dhanjit Kumar Das   | Scientist from outside the Institute |
| 3. Prof. Vishnu N. Thakare | Socially Aware Nominee               |
| 4. Dr G. S. Narshetty      | Member                               |
| 5. Dr. Y.A. Deshmukh       | Convener                             |
| 6. Dr. R.S. Inamdar        | Member                               |
| 7. Dr. Ipseeta Ray         | Member Secretary                     |
| 8. Dr. Mohan Latkar        | Member                               |

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Courier  
MGM  
24/6/17  
22/06/17

Ipseeta Ray 20/6/17

(Dr. Ipseeta Ray)

Member Secretary





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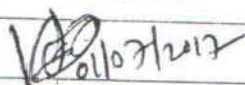

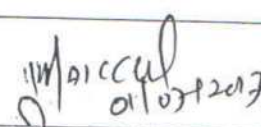

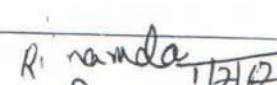
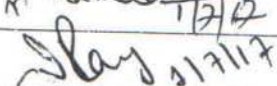

**MGM Medical College**

**Navi Mumbai**

**Attendance**

**Dated: 01-07-17**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital was held on 1-07-17 at 10.30 A.M in Dean's Chamber. Following members attended the Meeting

Sr.No	Members	Designation	Signature
1.	Dr. Vikas D. Dighe	Link CPCSEA Nominee	 01/07/17
2.	Dr. Dhanjit Kumar Das	Scientist from outside the Institute	 01/07/17
3.	Prof. Vishnu N. Thakare	Socially Aware Nominee	 01/07/17
4.	Dr G. S. Narshetty	Member	
5.	Dr. Y.A. Deshmukh	Convener	
6.	Dr. R.S. Inamdar	Member	 01/07/17
7.	Dr. Ipseeta Ray	Member Secretary	 01/07/17
8.	Dr. Mohan Latkar	Member	





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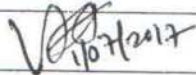

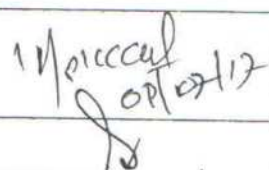
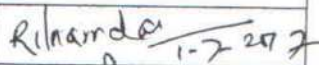
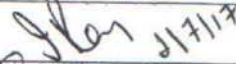
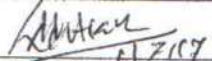
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**Navi Mumbai**

**Attendance**

**Dated: 01-07-17**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital was held on 1-07-17 at 10.30 A.M in Dean's Chamber. Following members attended the Meeting

Sr.No	Members	Designation	Signature
1.	Dr. Vikas D. Dighe	Link CPCSEA Nominee	
2.	Dr. Dhanjit Kumar Das	Scientist from outside the Institute	
3.	Prof. Vishnu N. Thakare	Socially Aware Nominee	
4.	Dr G. S. Narshetty	Member	
5.	Dr. Y.A. Deshmukh	Convener	
6.	Dr. R.S. Inamdar	Member	
7.	Dr. Ipseeta Ray	Member Secretary	
8.	Dr. Mohan Latkar	Member	




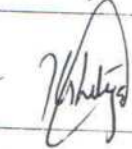

Institutional Animal Ethics Committee



MGM Medical College

Navi Mumbai

Annexure-I

The meeting of Animal Ethics Committee of MGM Medical College and Hospital will be held on 1.07.17 (Saturday) at 10.30 AM in the Dean's Chamber

Sr. No	Title	Investigator	Signature
Student Projects			
1.	Potent pancreatic Lipase inhibitor from food plants and development of safer anti – obesity formulation	Sveeta Vishnu Mhatre Dr. Raman P. Yadav (Medical Biotechnology)	for 
2.	Isolation and characterization of multifunctional molecule from plant and its application in antidiabetesity	Priyanka Rathod Dr. Raman P. Yadav (Medical Biotechnology)	for 
3.	Study of Effect of Iron Nanoparticles on Iron Deficiency Anaemia Using Rat Model	Smital Kulkarni Dr. Mansee Thakur (Medical Biotechnology)	

  
20/6/17  
COR Ipsela (g)  


# Institutional Animal Ethics Committee

MGM Medical College

Navi Mumbai

## Agenda for the IAEC meeting:-

1. Confirmation of the minutes of IAEC meeting held on 25<sup>th</sup> Feb 2017
2. Review of the following research protocol
  - A) **Potent pancreatic Lipase inhibitor from food plants and development of safer anti – obesity formulation** by Sveeta Vishnu Mhatre , Dr. Raman P. Yadav ( PG Guide ) from Department of Medical Biotechnology
  - B) **Isolation and characterization of multifunctional molecule from plant and its application in antidiabetesity** by Priyanka Rathod , Dr. Raman P. Yadav ( PG Guide ) from Department of Medical Biotechnology
  - C) **Study of Effect of Iron Nanoparticles on Iron Deficiency Anaemia Using Rat Model** By Smital Kulkarni Dr. Mansee Thakur ( PG Guide ) from Department of Medical Biotechnology
3. Inspection of the Animal House facility.
4. Any other matter with the permission of the chair.

Jay  
20/6/17





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**Institutional Animal Ethics Committee  
MGM Medical College  
Navi Mumbai**

**Notice**

**Dated: 02-02-17**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 25-02-17 at 2.30 P.M. in Dean's Chamber. Following protocols attached as Annexure-I will be reviewed

Kindly make it convenient to attend the Meeting

**Copy to :-**

- |    |                           |                                      |
|----|---------------------------|--------------------------------------|
| 1. | Dr. Uddhav Kalu Chaudhari | Main Nominee                         |
| 2. | Dr. Vikas D. Dighe        | Link Nominee                         |
| 3. | Dr. Dhanjit Kumar Das     | Scientist from outside the Institute |
| 4. | Prof. Vishnu N. Thakare   | Socially Aware Nominee               |
| 5. | Dr G. S. Narshetty        | Member                               |
| 6. | Dr. Y.A. Deshmukh         | Chairperson                          |
| 7. | Dr. R.S. Inamdar          | Member                               |
| 8. | Dr. Ipseeta Ray           | Member Secretary                     |
| 9. | Dr.Mohan Latkar           | Veterinarian                         |

(Dr. Ipseeta Ray)  
Member Secretary

**Institutional Animal Ethics Committee  
MGM Medical College  
Navi Mumbai**

**Annexure-I**

The meeting of Animal Ethics Committee of MGM Medical College and Hospital will be held on **25.02.17 (Saturday)** at 2.30 P.M. in the Dean's Chamber

Sr. No	Title	Investigator	Signature
<b>Student Projects</b>			
1	Evaluation of Antidepressant Activity of 5HT-3 Antagonists in Mice	Indu Slathia Dr. Y. A. Deshmukh (Guide) (Pharmacology)	

**Institutional Animal Ethics Committee  
MGM Medical College  
Navi Mumbai**

**Agenda for the IAEC meeting:-**

1. Review of the following research protocol
  - a) Evaluation of Antidepressant Activity of 5HT-3 Antagonists in Mice by Indu Slathia (**M.D. Thesis Protocol**)
2. Inspection of the Animal House facility.
3. Any other matter with the permission of the chair.





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Date: 16.7.16

**INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)**

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 16.7.16 at the Dean's office at 10 AM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Haladhar Dev Sarma	CPCSEA Nominee	<i>Dr HDS</i> 16/07/16
3.	Dr Pascoal Carvalho	Member	<i>Pascoal</i>
4.	Dr G S Narshetty	Member	<i>G S</i>
5.	Dr R. S. Inamdar	Member	<i>R Inamdar</i> 16/7/2016
6.	Dr Mohan Latkar	Member	<i>M Latkar</i>
7.	Dr Ipseeta Ray	Secretary	<i>I Ray</i> 16/7/16





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**Institutional Animal Ethics Committee  
MGM Medical College  
Navi Mumbai**

**Notice**

**Dated: 24-06-16**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 16-07-16 at 10.00 A.M in Dean's Chamber. Following protocols attached as Annexure-I will be reviewed

Kindly make it convenient to attend the Meeting

**Copy to :-**

1. Dr. Haladhar Dev Sarma
2. Dr. Pascoal Carvalho
3. Dr G. S. Narshetty
4. Dr. Y.A. Deshmukh
5. Dr. R.S. Inamdar
6. Dr. Ipseeta Ray
7. Dr. Mohan Latkar

Main CPCSEA Nominee

Scientist from outside the Institute

Member — *[Signature]*

Convener

Member — *[Signature]*

Member Secretary *[Signature]*

Member *[Signature]*

*3 by carried*

*Ipseeta Ray*

(Dr. Ipseeta Ray)



## AGENDA FOR THE IAEC MEETING

- 1) Confirmation of the minutes of the last IAEC meeting held on 10.10.15
- 2) Review of the following research protocols
  - A) A study to compare effect of Verapamil, Diltiazem, Amlodipine on Gentamicin induced Nephrotoxicity in Rats
  - B) Anti-Convulsant activity of Gabapentin on experimental animals
  - C) Study of effect of Iron Nanoparticles on Iron deficiency anemia using a rat model
- 3) Visit to the the animal house facility
- 4) Any other matter with the permission of the chair



**Institutional Animal Ethics Committee  
MGM Medical College  
Navi Mumbai**

**Annexure-I**

The meeting of Animal Ethics Committee of MGM Medical College and Hospital will be held on **16.07.16**  
(Saturday) at 10.00 AM in the Dean's Chamber

Sr. No	Title	Investigator	Signature
<b>Student Projects</b>			
1	A study to compare effect of Verapamil, Diltiazem, Amlodipine on Gentamicin induced Nephro-toxicity in Rats.	Kedar. C. Gandhi Dr. S. Shahani (Guide) (Pharmacology)	<i>K. C. Gandhi</i> 9049392923
2.	Anti- Convulsant activity of Gabapentin on experimental animals.	Amit. P. Patel Dr. Y. A. Deshmukh(Guide) (Pharmacology)	<i>Amit P. Patel</i> 9892666346
3.	Study of effect of Iron Nanoparticles on Iron deficiency Anaemia using rat model	Smital. S. Kulkarni Dr. Mansee Thakur (Guide) (Medical Biotechnology)	<i>Smital S. Kulkarni</i> 8898172919





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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting dated 16<sup>th</sup> July 2016**

In pursuance of the circular on the subject dated 24.6.16, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 10 AM on 16.7.16 in the Dean's office. The following functionaries attended the meeting:

1. Dr G. S. Narshetty- Chairman
2. Dr. Haladhar Dev Sarma-CPCSEA Nominee
3. Dr.Pascoal Carvalho-Member
4. Dr R. S. Inamdar-Member
5. Dr Mohan Latkar-Member
6. DrIpseeta Ray-Member Secretary

**Proceedings**

- Chairman of the IAEC, Dr. Deshmukh was on medical leave and Dr G. S. Narshetty, Dean, MGM Medical College and member of the IAEC had chaired the meeting.
- Minutes of the previous IAEC meeting held on 2<sup>nd</sup> May 15 were confirmed unanimously after discussion paragraph wise.

**Projects discussed**

- A) 'A study to compare effect of Verapamil, Diltiazem, Amlodipine on Gentamicin induced Nephrotoxicity in Rat' submitted by Dr. Kedar Gandhi (MD thesis protocol)

**The following modifications were suggested by the IAEC:**

1. The human equivalent doses of 'Verapamil', 'Diltiazem' and 'Amlodipine' need to be re-calculated giving justification of the animal doses mentioned in the protocol.

<b>MGM / MED</b>
INWARD NO. 4108
DATE
SIGN : 22/7/16

2. The experimental model of nephrotoxicity should to be standardized in the laboratory. The dose and duration of gentamicin that will be used for the study needs to be justified from scientific literature.
3. Cardiac puncture should be used as the terminal method of blood collection under anaesthesia.
4. The gender of the rats needs to be specified in order to maintain uniformity in the study protocol.
5. Duration for which urine will be collected should be kept constant throughout the study to maintain uniformity in the research protocol.
6. Baseline values for various biochemical parameters (committed in the protocol) needs to be standardized first in the laboratory, before proceeding with the detailed study in the experimental model of nephrotoxicity. If additional rats are required for the sham group (for obtaining baseline values), the number needs to be re-calculated and re-submitted.
7. In the Form B (Part A) application to CPCSEA, following needs to be mentioned:
  - Registration number (Point No. 3)
8. In the Form B (Part B) application to CPCSEA, following needs to be mentioned:
  - Method of carcass disposal (Point No. 13)
  - Animal transportation method (Point No. 14)

The research proposal is required to be resubmitted after incorporating the suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and concurrence.

**B. 'Anti-Convulsant Activity of Gabapentin on experimental animals' by Dr Amit P Patel (MD thesis protocol)**

The following modifications were suggested by the IAEC:

1. The word 'mice' needs to be incorporated in the title. The title should be appropriately modified.
2. Establishment of the experimental models of epilepsy is very critical for the study. The various models of epilepsy (Electroshock, Picrotoxin, Strychnine and Pentylene-tetrazol ) needs to be standardized in the laboratory keeping in view the LD<sub>50</sub> and the various doses of Picrotoxin, Strychnine and Pentylene-tetrazol used in the scientific literature. The doses selected for the study needs to be justified.
3. If additional mice are required for standardization of the above mentioned models of epilepsy, the number of mice required for the study needs to be re-

calculated and re-submitted after incorporating the modifications suggested regarding the control groups.

4. The scoring/grading system for assessing the severity of the seizures needs to be mentioned in the study.
5. The gender of mice that will be used for the study needs to be mentioned. Female are preferable for the present proposal.
6. The protocol does not require sacrifice of the experimental animals proposed in the proposal. Post-experiment management of the animals needs to be specified in the proposal.
7. In the Form B (Part A) application to CPCSEA, following points need to be mentioned:
  - Registration number (Point No. 3)

**The research proposal needs to be resubmitted, incorporating the suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.**

**C. 'Study of Effect of Iron Nanoparticles on Iron Deficiency Anaemia using Rat Model' by Ms. Smital S Kulkarni (PhD thesis protocol)**

The research protocol has been designed to synthesize iron nanoparticles using extracts of plants grown by the hydroponics method in the laboratory. Further the investigators intend to assess the therapeutic potential of these iron nanoparticles in the rat model of anemia. The stability, characterization and toxicity of the iron nanoparticles synthesized by the Investigator in the laboratory is not known. Therefore, IAEC is of the view that the in vitro stability, characterization and biocompatibility/preliminary toxicity data needs to be generated first before testing efficacy of the agent in the experimentally produced anaemia models in rats.

IAEC advised that the present research protocol might be divided into two stages. In the first part assessment of the stability, characterization, biocompatibility/preliminary toxicity of the iron nanoparticles could be done and based on the results of the first part the investigator might plan the second part of study involving assessment of efficacy of the agent in iron deficient animal model proposal for which might be separately submitted for consideration of IAEC.

**The research protocol is not approved in the present form. However, IAEC approves the usage of experimental rats for toxicity studies using the nanoparticles. The number of rats required for the first part of the study**

25

(toxicity) needs to be re-calculated and re-submitted after incorporating the modifications suggested. The modified proposal (first part) shall, however, be electronically circulated to the members for their kind perusal and concurrence.

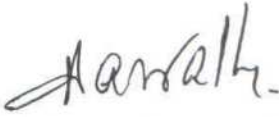
- The meeting ended with thanks to the chair




(Dr. G. S. Narshetty)



(Dr Haladhar Dev Sarma)




(Dr Pascoal Carvalho)



(Dr R. S. Inamdar)



(Dr Ipseeta Ray)



(Dr Mohan Latkar)



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**Institutional Animal Ethics Committee**

**MGM Medical College**

**Navi Mumbai**

**Notice**

**Dated: 28-09-15**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 10.10.2015 at 10.00 A.M in Dean's Chamber.

**Agenda:- Inspection of the Institutional Animal House.**

**Copy to**

1. Dr. Haladhar Dev Sarma
2. Shri. Meghdut Raut
3. Dr. Pascoal Carvalho
4. Dr G. S. Narshetty
5. Dr. Y.A. Deshmukh
6. Dr. R.S. Inamdar
7. Dr. Ipseeta Ray
8. Dr.Mohan Latkar

Main Nominee

Non Scientific Socially Aware Member

Scientist from outside the Institute

Member

Convener

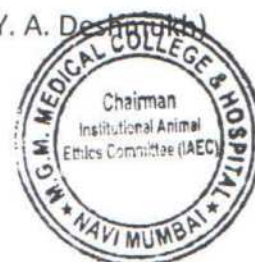
Member

Member Secretary

Member

*Y.A. Deshmukh*  
28/9/15  
Convener

(Dr. Y. A. Deshmukh)





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**Institutional Animal Ethics Committee**

**MGM Medical College**

**Navi Mumbai**

**Notice**

**Dated: 7-10-15**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 10.10.2015 at 1. 30 PM instead of 10 A.M in Dean's Chamber. We regret the inconvenience caused

**Agenda:- Inspection of the Institutional Animal House.**

Kindly make it convenient to attend the Meeting

**Copy to**

- |                           |                                      |
|---------------------------|--------------------------------------|
| 1. Dr. Haladhar Dev Sarma | Main Nominee                         |
| 2. Shri. Meghdut Raut     | Non Scientific Socially Aware Member |
| 3. Dr. Pascoal Carvalho   | Scientist from outside the Institute |
| 4. Dr G. S. Narshetty     | Member                               |
| 5. Dr. Y.A. Deshmukh      | Convener                             |
| 6. Dr. R.S. Inamdar       | Member                               |
| 7. Dr. Ipseeta Ray        | Member Secretary                     |
| 8. Dr.Mohan Latkar        | Member                               |



Convener



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**Institutional Animal Ethics Committee  
MGM Medical College  
Navi Mumbai**

**Notice**

**Dated: 13.4.15**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 2.5.2015 at 10 A.M in the Dean's Chamber. The agenda of the Meeting is attached as annexure I.

**Copy to**

- |                           |                                      |
|---------------------------|--------------------------------------|
| 1. Dr. Haladhar Dev Sarma | Main Nominee                         |
| 2. Dr. PascoalCarvalho    | Scientist from outside the Institute |
| 3. Dr G. S. Narshetty     | Member                               |
| 4. Dr. Y.A. Deshmukh      | Chairperson                          |
| 5. Dr. R.S. Inamdar       | Member                               |
| 6. Dr. Ipseeta Ray        | Member Secretary                     |
| 7. Dr .Mohan Latkar       | Member                               |



(Dr. Y. A. Deshmukh)

Chairman

## AGENDA FOR THE IAEC MEETING

- 1) Confirmation of the minutes of the last IAEC meeting held on 4.10.14
- 2) Re-review of the research protocols discussed in the last IAEC meeting held on 4.10.14
- 3) Review of the following research protocols
  - A) 'Evaluation of anti-nociceptive effects of citalopram and escitalopram in mice submitted by **Dr. Shrikrishna Kolte**(MD thesis protocol)
  - B) 'Involvement of opioid and monoaminergic pain pathways in Aloe vera induced analgesia in rats'' by **Dr Snigdha Senapaty** (Staff Project)
- 4) Inspection of the animal house facility
- 5) Any other matter with the permission of the chair





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### Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting dated 2<sup>nd</sup> May 2015

In pursuance of the circular on the subject dated 13.4.15, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 9 AM on 2.5.15 in the Dean's office. The following functionaries attended the meeting:

1. Dr YA Deshmukh- Chairman
2. Dr Haladhar Dev Sarma-CPCSEA Nominee
3. Dr G. S. Narshetty
4. Dr Pascoal Carvalho-Member
5. Dr R. S. Inamdar-Member
6. Dr Mohan Latkar-Member
7. Dr Ipseeta Ray-Member Secretary

#### Proceedings

Minutes of the previous IAEC meeting held on 4<sup>th</sup> Oct 14 were confirmed unanimously after discussion paragraph wise. As the quorum was incomplete in the previous meeting, the projects were discussed once again in detail, and were approved in the present meeting once again.

#### • Projects discussed

- A) 'Evaluation of anti-nociceptive effects of citalopram and escitalopram in mice submitted by **Dr. Shrikrishna Kolte** (MD thesis protocol)'

**The following modifications were suggested by the IAEC:**

1. Justification of the study along with the relevant information regarding test drugs should be included in the protocol.
2. The period of acclimatization of experimental animals (mice) needs to be specified in the protocol.



3. The human equivalent doses of citalopram and escitalopram need to be re-calculated giving justification of the animal doses mentioned in the protocol.

The research proposal is required to be resubmitted after incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and concurrence.

- B. 'Involvement of opioid and monoaminergic pain pathways in Aloe vera induced analgesia in rats' by Dr Snigdha Senapaty (Staff Project)

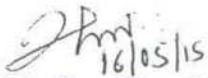
The following modifications were suggested by the IAEC:

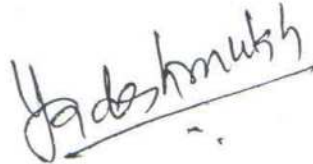
1. Instead of using rats, it was recommended to use mice in the study. In available published literature, the standard analgesic models committed in the study protocol were carried out mainly by using mice. Moreover mice are more convenient to handle as compared to rats.
2. The number of mice required for the study needs to be re-calculated and re-submitted after incorporating the modifications suggested regarding the study groups.
3. Aloe vera extract is mainly indicated for use by topical or oral route. Intraperitoneal usage of Aloe vera is not acceptable in view of the safety concerns of sterility. The oral route may be used instead.
4. The basis of selection of the sub-therapeutic doses of Aloe vera is not mentioned in the study protocol. Moreover in the absence of convincing literature support for the same, it may not be accurate nor scientifically acceptable. Therefore experimentation with sub-therapeutic doses of Aloe vera is not approved.
5. The effective dose may be used instead of sub-therapeutic doses to re-establish the analgesic activity of Aloe vera and elucidate its possible mechanism of action involving the opioid and monoaminergic pain pathways in Aloe vera induced analgesia.

The research proposal needs to be resubmitted, incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The

modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.

- The renovation plan of the Animal house facility was discussed. The status of the construction work and renovations plan was placed before the IAEC. The date of the Inspection of the Animal House facility was fixed on 16<sup>th</sup> May 2015.
- The meeting ended with thanks to the chair

  
(Dr Haladhar Dev Sarma)

  
(Dr YA Deshmukh)

  
(Dr Pascoal Carvalho)

(Dr. G. S. Narshetty)

  
(Dr Ipseeta Ray)

(Dr R. S. Inamdar)

  
(Dr Mohan Latkar)



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Date: 16.5.15

**INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)**

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 16.5.15 at the Dean's office at 9.30 AM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Haladhar Dev Sarma	CPCSEA Nominee	16/05/15
3.	Dr PascoalCarvalho	Member	
4.	Dr G S Narshetty	Member	
5.	Dr R. S. Inamdar	Member	
6.	Dr Mohan Latkar	Member	
7.	Dr Ipseeta Ray	Secretary	





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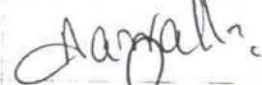
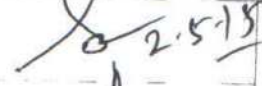
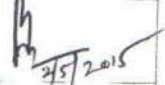


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Date: 2.5.15

**INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)**

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 2.5.15 at the Dean's office at 9.00 AM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Habdhar Dev Sarma	CPCSEA Nominee	
3.	Dr Pascoal Carvalho	Member	
4.	Dr G S Narshetty	Member	
5.	Dr R. S. Inamdar	Member	
6.	Dr Mohan Latkar	Member	
7.	Dr Ipsita Ray	Secretary	





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Date: 4.10.14

### INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 4.10.14 at the Dean's office at 10.00 AM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Haladhar Dev Sarma	CPCSEA Nominee	
3.	Dr Pascoal Carvalho	Member	
4.	Mr. Meghdut Raut	Member	
5.	Dr G S Nambhary	Member	
6.	Dr R. S. Inamdar	Member	
7.	Dr Mohan Latkar	Member	
8.	Dr Ipsita Ray	Secretary	





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Date: 15.2.14

**INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)**

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 15.2.14 at the Dean's office at 2.30 PM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Haladhar Dev Sarma	CPCSEA Nominee	15/02/14
3.	Dr Pascoal Carvalho	Member	
4.	Mr. Meghdut Raut	Member	
5.	Dr G S Narshetty	Member	
6.	Dr R. Inamdar S.	Member	15/2/2014
7.	Dr Mohan Laskar	Member	
8.	Dr Ipsita Ray	Secretary	





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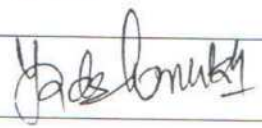
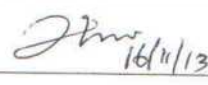
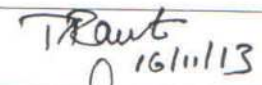
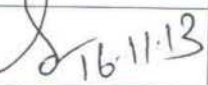
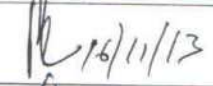

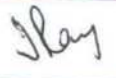
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Date: 16.11.13

**INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)**

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 16.11.13 at the Dean's office at 10. 30 AM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Haladhar Dev Sarma	CPCSEA Nominee	 16/11/13
3.	Dr Pascoal Carvalho	Member	
4.	Mr. Meghdut Raut	Member	 16/11/13
5.	Dr G S Narshetty	Member	 16.11.13
6.	Dr R. Inamdar	Member	 16/11/13
7.	Dr Mohan Latkar	Member	
8.	Dr Ipsceta Ray	Secretary	





Mahatma Gandhi Mission  
**MEDICAL COLLEGE**

Sector-01, Kamothe, Navi Mumbai - 410 209.

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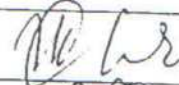
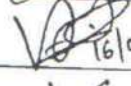

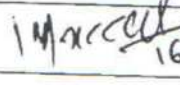


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**Institutional Animal Ethics Committee**  
**MGM Medical College**  
**Navi Mumbai**

Date: 16.09.2017

**Attendance**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital was held on 16.9.2017 at 10.00 A.M in Dean' Chamber .

Sr. No	IAEC Member	Designation	Signature
1	Dr. Uddhav Kalu Chaudhari	Main Nominee	 16/09/2017
2	Dr. Vikas D. Dighe	Link Nominee	 16/09/2017
3	Dr. Dhanjit kumar Das	Scientist from outside the Institute	 16/09/17
4	Prof. Vishnu Thakare	Socially aware Nominee	 16/09/17
5	Prof. Y. A. Deshmukh	Chairperson	
6	Dr. G.S. Narsetty	Member	
7	Dr. R.S. Inamdar	Member	
8	Dr. Ipseeta Ray	Member Secretary	 16/9/17
9	Dr. Mohan Latkar	Member	 16/9/17





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Date: 13.4.13

**INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)**

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 13.4.13 at the Dean's office at 10. 30 AM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Haladhar Dev Sarma	CPCSEA Nominee	
3.	Dr Pascoal Carvalho	Member	
4.	Mr. Meghdut Raut	Member	Absent
5.	Dr G S Narshetty	Member	
6.	Dr R. Inamdar	Member	
7.	Dr Mohan Latkar	Member	
8.	Dr Ipseeta Ray	Secretary	





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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting  
dated 16<sup>th</sup> May 2015**

In pursuance of the circular on the subject dated 2.5.15, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 9.30 AM on 16.5.15 in the Dean's office. The following functionaries attended the meeting:

1. Dr YA Deshmukh- Chairman
2. Dr Haladhar Dev Sarma-CPCSEA Nominee
3. Dr Pascoal Carvalho-Member
4. Dr G. S. Narshetty
5. Dr Mohan Latkar-Member
6. Dr Ipseeta Ray-Member Secretary

**Proceedings**

- Dr R. S. Inamdar had informed the IAEC regarding their inability to attend the IAEC meeting due to prior commitments. Leave of absence was granted to him.
- Minutes of the previous IAEC meeting held on 2<sup>nd</sup> May 15 were confirmed unanimously after discussion paragraph wise.

• **Projects discussed**

- A) 'Studies to validate safety and to understand mechanisms of Ayurvedic formulation Raupya Suvarna Sootshekar (RSS)' submitted by Ms Smital S Kulkarni (PhD thesis protocol)



The following modification was suggested by the IAEC:

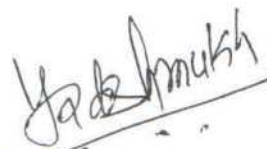
1. The justification for the use of only a specific size of nanoparticle should be incorporated in the protocol. Relevant literature in this area should be included.

The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.

- The Inspection of the Animal House facility was conducted by the CPCSEA Nominee. Detailed Inspection report was prepared.
- The meeting ended with thanks to the chair



(Dr Haladhar Dev Sarma)



(Dr YA Deshmukh)

(Dr Pascoal Carvalho)



(Dr Ipseeta Ray)

(Dr. G. S. Narshetty)



(Dr Mohan Latkar)



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From  
Dr YA Deshmukh  
Chairman  
Institutional Animal Ethics Committee  
MGM Medical College  
Kamothe, Navi Mumbai

Dated: 20.5.15

To  
Mr Anjani Kumar  
Director (AW) & Member Secretary  
CPCSEA,  
Ministry of Environment & Forests,  
8th floor, Jeevan Prakash Building,  
25, Kasturba Gandhi Marg,  
New Delhi-110 001

Sub: Minutes of the Institutional Animal Ethics Committee Meeting

Respected Sir,

The meeting of the Institutional Animal Ethics Committee (IAEC) as constituted by the CPCSEA was held on 4/10/14 and 2/5/15. Kindly find enclosed the minutes of the meeting duly signed by the members of the IAEC. A copy of the same has also been sent by mail.

Thanking you

Yours sincerely,

(Dr YA Deshmukh)



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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting  
dated 2<sup>nd</sup> May 2015**

In pursuance of the circular on the subject dated 13.4.15, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 9 AM on 2.5.15 in the Dean's office. The following functionaries attended the meeting:

1. Dr Y.A. Deshmukh- Chairman
2. Dr Haladhar Dev Sarma-CPCSEA Nominee
3. Dr G. S. Narshetty
4. Dr Pascoal Carvalho-Member
5. Dr R. S. Inamdar-Member
6. Dr Mohan Latkar-Member
7. Dr Ipseeta Ray-Member Secretary

**Proceedings**

Minutes of the previous IAEC meeting held on 4<sup>th</sup> Oct 14 were confirmed unanimously after discussion paragraph wise. As the quorum was incomplete in the previous meeting, the projects were discussed once again in detail, and were approved in the present meeting once again.

• **Projects discussed**

- A) 'Evaluation of anti-nociceptive effects of citalopram and escitalopram in mice submitted by **Dr. Shrikrishna Kolte** (MD thesis protocol) '

**The following modifications were suggested by the IAEC:**

1. Justification of the study along with the relevant information regarding test drugs should be included in the protocol.
2. The period of acclimatization of experimental animals (mice) needs to be specified in the protocol.



3. The human equivalent doses of citalopram and escitalopram need to be re-calculated giving justification of the animal doses mentioned in the protocol.

The research proposal is required to be resubmitted after incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and concurrence.

**B. 'Involvement of opioid and monoaminergic pain pathways in Aloe vera induced analgesia in rats' by Dr Snigdha Senapaty (Staff Project)**

The following modifications were suggested by the IAEC:

1. Instead of using rats, it was recommended to use mice in the study. In available published literature, the standard analgesic models committed in the study protocol were carried out mainly by using mice. Moreover mice are more convenient to handle as compared to rats.
2. The number of mice required for the study needs to be re-calculated and re-submitted after incorporating the modifications suggested regarding the study groups.
3. Aloe vera extract is mainly indicated for use by topical or oral route. Intraperitoneal usage of Aloe vera is not acceptable in view of the safety concerns of sterility. The oral route may be used instead.
4. The basis of selection of the sub-therapeutic doses of Aloe vera is not mentioned in the study protocol. Moreover in the absence of convincing literature support for the same, it may not be accurate nor scientifically acceptable. Therefore experimentation with sub-therapeutic doses of Aloe vera is not approved.
5. The effective dose may be used instead of sub-therapeutic doses to re-establish the analgesic activity of Aloe vera and elucidate its possible mechanism of action involving the opioid and monoaminergic pain pathways in Aloe vera induced analgesia.

**The research proposal needs to be resubmitted, incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The**

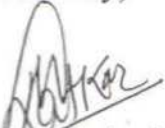
modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.


- The renovation plan of the Animal house facility was discussed. The status of the construction work and renovations plan was placed before the IAEC. The date of the Inspection of the Animal House facility was fixed on 16<sup>th</sup> May 2015.
- The meeting ended with thanks to the chair

  
(Dr Haladhar Dev Sarma)


  
(Dr Pascoal Carvalho)

  
(Dr Ipseeta Ray)

  
(Dr Mohan Latkar)

  
(Dr YA Deshmukh)

  
(Dr. G. S. Narshetty)

  
(Dr R. S. Inamdar)

**The following modifications were suggested by the IAEC:**

1. Details' regarding the process of standardization of the xenograft model of zebrafish using human glioblastoma cells needs to be incorporated in the protocol. Also mention if this is a unique model that would be developed for the first time by the investigators.
2. The model needs to be first confirmed. Include studies that are relevant in this area.
3. Institutional Biosafety Committee should be informed for the transgenic embryo studies

The research proposal is required to be resubmitted after incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and concurrence.

- B. 'Studies on the mechanism of action of Hemeopathic drugs on Osteoporosis in Zebra fish model'** by Ms Himanshu R Gupta (PhD thesis protocol)

The following modifications were suggested by the IAEC:

1. In order to ensure quality it was suggested that Millipore water should be used for maintaining the zebra fish.
2. If feasible, reverse osmosis water should be used to increase the strength of the study.
3. Constant temperature, pH should be maintained. The excreta content (ammonia, nitrate) in the water should be estimated for quality control.

The research proposal needs to be resubmitted, incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.

- C) 'Evaluation of Multi Sized gold nanoparticles associated systemic toxicity in Male Zebra fish (Danio rerio) by Dr Trupti Shetty (Staff Project)**



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### **Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting**

In pursuance of the circular on the subject dated 16.9.14, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 10 AM on 4.10.14 in the Dean's office. The following functionaries attended the meeting:

1. Dr YA Deshmukh- Chairman
2. DrHaladhar Dev Sarma-CPCSEA Nominee
3. Dr Mohan Latkar-Member
4. Dr G. S. Narshetty
5. DrIpseeta Ray-Member Secretary

#### **Proceedings**

6. DrPascoalCarvalho, Dr R. S. Inamdar and MrMeghdutRauthad informed the IAEC regarding their inability to attend the IAEC meeting due to prior commitments. Leave of absence was granted to the members.
- Minutes of the previous IAEC meeting held on 15<sup>th</sup> Feb 14 were confirmed unanimously after discussion paragraph wise.
- The research protocols of Dr. Ipseeta Ray and DrAshwiniSatpathywhich were discussed in last meetingdated 15<sup>th</sup> Feb 14, have since been modified, as suggested by the IAEC. The revised protocols with point to point reply to the queries raised were produced before IAEC for further consideration. These were discussed and unanimously approved.
- **Projects discussed**
- A) 'Evaluation of Analgesic Effect of *GymnemaSylvestre* in experimental rats'submitted by Dr. Urmila. R. salve. (Pharmacology)



1. Literature survey needs to be strengthened. Justification of the study along with the relevant studies should be added in the protocol.
2. Instead of one week oral feeding of *GymnemaSylvestre* to experimental rats, IAEC suggested studying the effect of single dose of the plant for its analgesic activity.
3. The experiments should be initiated after adequate training and placebo feeding of the experimental rats
4. Supporting literature on the safety of 500 mg/kg dose of *GymnemaSylvestre* should be included
5. In the Form B (Part B) application to CPCSEA, following points needs to be mentioned correctly:
  - o Name and address of Registered breeder from which animals will be procured.
6. Typographical errors must be corrected.

The research proposal needs to be resubmitted incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and record.

**B) 'Evaluation of Analgesic Effect of *MorindaCitrifolia* (Noni) in experimental rats' submitted by Dr. AshwiniSatpathy(Pharmacology)**

1. The rationale for undertaking the study needs to be elaborated. The analgesic activity of *MorindaCitrifolia* has been reported. Conducting the study in the present form would amount to duplication of previous studies. It was therefore suggested that the topic should be modified to encompass either of the following
  - A) Study the synergistic analgesic activity of *MorindaCitrifolia* and diclofenac in experimental rats
  - B) Modification of the harmful effects of aspirin by *MorindaCitrifolia*

The proposal was not approved by the IAEC in the present form. The research proposal needs to be resubmitted incorporating the suggested changes for consideration of approval. The modified proposal shall be electronically circulated to the members for perusal and record.

**C. 'Pharmacological studies on Cardioprotective effects of *Murray Koenigii*' submitted by Mr. Rajesh Suman(Pharmacology)**

The following modifications were suggested to the proposal:

1. The neutraceuticalvalue of *Murray Koenigi* should be emphasized in the study protocol.
2. A provision should be made in the protocol to discontinue treatment with *Murray Koenigii* especially with 500 mg/kg dose, if signs of toxicity such as 15-20 % reduction in weight, diarrhea are observed in the experimental rats. Therefore, the upper ranges of the accepted values of change in body weight, liver enzymes and Creatinine should be incorporated in the study protocol.
3. The number of rats per subgroup needs to be increased for statistical significance. The number of rats/subgroup (4) committed is inadequate. The recalculated numbers need to be submitted

The research proposal needs to be resubmitted incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal.

- D. 'Evaluation of Multi sized gold particles associated reproductive toxicity in Male and Female Zebra fish (*DanioRerio*)' submitted by Ms Navami Dayal (MGM Central Laboratory)

The following modifications were suggested to the proposal:

1. The method of oral feeding of zebra fish needs to be validated since it has not been reported before. It would be interesting if the new method can be compared to the existing method where zebra fish are anesthetized with tetracaine. The behavioral studies (movement, stress, time of recovery from anesthetic agent) need to be determined to compare and validate the new method.
2. Quality control checks of the Zebra fish facility should be undertaken at regular intervals (Analysis of water, water replacement frequency, temperature, presence of ammonia, algae, disposal) for authenticity of the study results.

The research proposal needs to be resubmitted incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal.

A mock inspection of the Animal House facility was carried out. The following shortcomings were pointed out by the IAEC.

1. Height of Rabbit Cages should be according to CPCSEA guidelines.
  2. Exhaust fan needs to be installed
  3. Painting, Plastering & repair of cracks of the Animal House facility required urgently.
  5. Washing Area to be moved outside the animal House / or moved inside at an alternative place in the corner.
  6. Additional A.C. to be installed.
  7. Grill not permitted in the windows. Instead should be replaced with glass.
- It is unanimously felt that the necessary suggestions <sup>should</sup> ~~will~~ be addressed to immediately
  - The meeting ended with the thanks to the chair
  - Date and agenda for next meeting to be decided.



(Dr. Ipseeta Ray)



(Dr. Yash D. Desai)





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### Institutional Animal Ethics Committee MGM Medical College Navi Mumbai

#### Notice

Dated: 4.2.14

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 15.2.2014 at 2.30 P.M in Dean's Chamber. Following research proposals attached as annexure I will be reviewed.

#### Copy to

- ✓ Dr. Haladhar Dev Sarma
- ✓ Shri. Meghdut Raut
- ✓ Dr. Pascoal Carvalho
4. Dr G. S. Narshetty
5. Dr. Y.A. Deshmukh
6. Dr. R.S. Inamdar
7. Dr. Ipseeta Ray
8. Dr.Mohan Latkar

Main Nominee

Non Scientific Socially Aware Member

Scientist from outside the Institute

Member — 6/2/14

Convener — Y.A. Deshmukh

Member — 6/2/14

Member Secretary — Shg

Member — Mohan Latkar

Y.A. Deshmukh  
Convener

(Dr. Y. A. Deshmukh)

## Annexure I

Sr. No	Title	Investigator	Department
1	Effect of Levofloxacin on blood glucose and lipid profile in experimental rats	Dr Ashwini Satpathy	(MD Student) Pharmacology
2	Developing Natural Alternatives to Synthetic Dipeptidyl peptidase-4 Inhibitors for Diabetes with Metabolic Syndrome	Dr Ipseeta Ray Mohanty	(Staff) Pharmacology

## AGENDA FOR THE IAEC MEETING

- 1) Confirmation of the minutes of the last IAEC meeting held on 16.11.13
- 2) Re-review of the research protocols discussed in the last IAEC meeting held on 16.11.13
  - A. **"Comparative study of the effect of ACE inhibitors and ARB's on bone loss in ovariectomised rat"** submitted by Dr. Snigdha Senapaty (Staff, Pharmacology)
  - B. **'Evaluation of Cardioprotective effects of the natural dipeptidyl peptidase-4 inhibitors in experimental diabetes'** submitted by Mrs. Manjusha K. Borde (PhD thesis protocol)
  - C. **'Efficacy and Mechanisms of dipeptidyl peptidase-4 Inhibitors in experimental diabetes with metabolic syndrome'** by Mr. Rajesh Kumar Suman (PhD thesis protocol)
- 3) Review of the following research protocols
  - A. **'Effect of Levofloxacin on blood glucose and lipid profile in experimental rats'** submitted by Dr Ashwini Satpathy. (MD thesis protocol)
  - B. **"Developing Natural Alternatives to Synthetic Dipeptidyl peptidase-4 Inhibitors for Diabetes with Metabolic Syndrome"** submitted by Dr. Ipseeta Ray Mohanty (Staff, Pharmacology)
- 4) Inspection of the animal house facility
- 5) Any other matter with the permission of the chair



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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting**

In pursuance of the circular on the subject dated 6.2.14, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 2.30 PM on 15.2.14 in the Dean's office. The following functionaries attended the meeting:

1. Dr YA Deshmukh- Chairman
2. Dr Haladhar Dev Sarma-CPCSEA Nominee
3. Dr Pascoal Carvalho-Member
4. Mr Meghdut Raut-Member
5. Dr R. S. Inamdar-Member
6. Dr Mohan Latkar-Member
7. Dr Ipseeta Ray-Member Secretary

**Proceedings**

- Dr G. S. Narshetty had informed the IAEC regarding his inability to attend the IAEC meeting due to prior commitments. Leave of absence was granted to Dr Narshetty.
- Minutes of the previous IAEC meeting held on 16<sup>th</sup> Nov 13 were confirmed unanimously after discussion paragraph wise.
- Dr Ipseeta Ray informed the honourable members that research protocols of Dr. Snigdha Senapaty, Ms Manjushaw Borde and Mr Rajesh Kumar Suman which were discussed in last meeting dated 16 Nov 13, have since been modified, as suggested by the IAEC. The revised protocols with point to point reply to the queries raised were produced before IAEC for further consideration. These were discussed and unanimously approved.



- As directed by IAEC, Mr. Kishore Bhandari after obtaining approval of Research and Recognition Committee had re-submitted the revised protocol of his PhD research for further review and consideration. The earlier PhD research topic entitled 'Short and long term effects of experimentally induced diabetes mellitus on testicular histology and sex hormone profile' was modified as 'Short and long term effects on Testis in Experimentally Induced Diabetes Mellitus' without any change in the evaluation parameters. The change in topic was noted and the proposal was approved by the IAEC.

- **Projects discussed**

A) **'Effect of Levofloxacin on blood glucose and lipid profile in experimental rats'** submitted by Dr Ashwini Satpathy. (MD thesis protocol)

1. Justification of the study along with the relevant studies should be added in the protocol.
2. The number of Levofloxacin doses to be evaluated for its hypoglycemic activity needs to be modified. Instead of just using a single human equivalent dose, half and double of human equivalent doses (three doses) should also be studied in addition for a more comprehensive understanding of the hypoglycemic activity of Levofloxacin.
3. Accordingly, the number of rats required for the study needs to be re-calculated and resubmitted.
4. The normal rat feed should be withdrawn for the study group of rats, at least for 4-6 hours, before oral feeding of levofloxacin so that the influence of diet on glucose values is taken care of.
5. The biochemical method for estimation of glucose is more reliable as compared to the aquacheck method. However, it was also felt that for estimation of glucose biochemically, retro-orbital method for blood collection would be required. This may not be feasible considering the multiple time points for blood collection committed in the study. Therefore, careful thought must be given for selection of the appropriate method for estimation of blood glucose.
6. Estimation of lipid profile may be undertaken if desired.
7. Retro-orbital blood collection must be undertaken under the influence of a general anesthetic, preferably Ketamine.

The research proposal needs to be resubmitted incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The

modified proposal shall, however, be electronically circulated to the members for perusal and record.

**B. "Developing Natural Alternatives to Synthetic Dipeptidyl peptidase-4 Inhibitors in Diabetes with Metabolic Syndrome" submitted by Dr. Ipseeta Ray (Professor, Pharmacology)**

A Pre-Prosposal with the above mentioned title submitted to ICMR for financial support. The council had accepted the pre-proposal and sought the full proposal with a letter of approval of the proposal by the IAEC. However, the proposal was already approved by the IAEC in its previous meeting held on 16<sup>th</sup> Nov 2013 but with a different title, 'Efficacy and Mechanisms of dipeptidyl peptidase-4 Inhibitors in experimental diabetes with metabolic syndrome'. Since there was a change only in the title of the study without any change in the evaluation parameters and the name of the Principal Investigator the IAEC had given fresh approval to the proposal with the new title "Developing Natural Alternatives to Synthetic Dipeptidyl peptidase-4 Inhibitors in Diabetes with Metabolic Syndrome" subject to the following conditions. It was also placed on record that there should not be repetition of any parameter under the new proposal if it was studied earlier under the previously approved protocol.

The following modifications were suggested to the new proposal:

1. Wistar rats of a particular gender (Male or Female) should be used for the study to discount for gender influences on the experimental results
2. A provision should be made in the protocol to select rats with diabetes co-existing with metabolic syndrome based on the range of blood glucose and cholesterol values observed in this condition. Therefore, the upper ranges of the accepted values of blood glucose and cholesterol should be incorporated in the study protocol.
3. Retro-orbital blood collection in rats must be undertaken under the influence of general anesthetic: Ketamine instead of ether.
4. In the Form B (Part B) application to CPCSEA, following points needs to be mentioned correctly:
  - Name and address of Registered breeder from which animals will be procured.

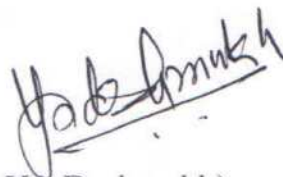
The research proposal needs to be resubmitted incorporating the details of methodology and suggested changes.. The modified proposal shall, however, be electronically circulated to the members for their kind perusal.

The meeting ended with the thanks to the chair

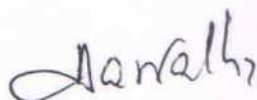
Date and agenda for next meeting to be decided.



(Dr Haladhar Dev Sarma)



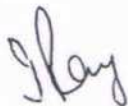
(Dr YA Deshmukh)



(Dr Pascoal Carvalho)



(Dr R. S. Inamdar)



(Dr Ipseeta Ray)



(Mr Meghdut Raut)



(Dr Mohan Latkar)



## MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Accredited Grade A by NAAC

### Minutes of the Research & Recognition Committee (RRC)

Meeting of the Research & Recognition Committee (RRC) of MGM Institute of Health Sciences, Navi Mumbai was held on 2<sup>nd</sup> December 2017 at 10.00 am in the Conference Hall. The following members had participated in the meeting:

1. Dr Smita Mahale	:	Chairperson
2. Dr. Atmaram Bandivdekar	:	Member
3. Dr. Chander P Puri	:	Member
4. Dr. Savita Sahani	:	Member Secretary
5. Dr. Raman P Yadav	:	Member
6. Dr. Ravindra Inamdar	:	Member
7. Dr. Ipseeta Ray	:	Member
8. Dr. Z G Badade	:	Member
9. Dr. Siddharth Dubhashi	:	Member
10. Dr. Rita Abbi	:	Member

**Title :** Comparative effectiveness of different treatments for Chronic Low Back Pain

PhD Student	:	Sidharth Verma
Guide	:	Dr. Olvyna D'souza
Subject	:	Anesthesiology

Members suggested to make the following changes in study design:

- Male and female participants should have separate prevalidated quctionary for self evaluation of pain
- A pilot study of 100 cases can be performed and sample size may be increased based on pilot study
- Inputs from other associated specialty may be incorporated
- Co-investigators from other specialty may be included

The proposal was approved by the RRC subject to the incorporation of the suggested changes as above.



**Title :** Comparative study of microanatomy of audiovisual area of fetal cerebrum of normal and eclamptic mothers

PhD Student	:	Muthuchitra Pandian
Guide	:	Dr. Anjali Sabnis
Subject	:	Anatomy

Members suggested to incorporate the following changes:

- Current study design is not sufficient for PhD desertation. Some more components may be incorporated
- Detailed histology may be studied using electron microscope

The proposal was approved by the RRC subject to the incorporation of the suggested changes as above.

**Title :** Association of Apelin and G212A Apelin Receptor (APJ/ APLNR) Gene Polymorphism with Plasma APJ levels in Type 2 Diabetes Mellitus and CAD risk patients

PhD Student	:	Neha More
Guide	:	Dr. Subiman Saha
Subject	:	Biochemistry

Members suggested to have detailed literature search and then study may be redesigned as current study design may not show any correlation. Also to include a co-guide from molecular biology.

The research proposal needs to be modified by incorporating the details of methodology and suggested changes and resubmitted.

**Title :** Associate role of MTHFR, PTB & TYMS6bpdel polymorphisms with reference to pre-term delivery

PhD Student	:	Surya Panikar
Guide	:	Dr. Mansee Thakur
Subject	:	Genetics

Members suggested to exclude participants having pre-diabetics and pre-acclampsia. They also suggested to include a control arm of participants with normal delivery.

The proposal was approved by the RRC subject to the incorporation of the suggested change as above.

**Title :** Determining most prevalent HLA type in different ethnic group in Navi Mumbai

**Title :** Determining most prevalent HLA type in different ethnic group in Navi Mumbai

<b>PhD Student</b>	<b>:</b>	<b>Arth Nath Dube</b>
<b>Guide</b>	<b>:</b>	<b>Dr. A D Urhekar</b>
<b>Subject</b>	<b>:</b>	<b>Microbiology</b>

Members suggested following modifications:

- Title may be modified by excluding ethnic group from the title, which may be considered during analysis study may be designed to study control and diabetic patients to study association of HLA in both the groups.
- If correlation of HLA type in various ethnic group is required to be studied then various ethnic should be specified
- HLA typing may be studied using PCR
- Correlation of HLA type can be correlated with associated comorbidities in diabetic.

**The research proposal needs to be modified by incorporating the details suggested and resubmitted.**

**Title :** Microbial and Immunological studies in chronic renal Disease

<b>PhD Student</b>	<b>:</b>	<b>Abhishek Singh</b>
<b>Guide</b>	<b>:</b>	<b>Dr. A D Urhekar</b>
<b>Subject</b>	<b>:</b>	<b>Microbiology</b>

Members suggested to incorporate the following changes in study design :

- Study design may be modified after discussion with clinical expert who may also be included as co-guide
- Sample size may be increased
- Immunological and biochemical parameters may be correlated

**The research proposal needs to be modified by incorporating the details suggested and resubmitted.**

**Title :** Protein mediated synthesis of anti-oxidant calcium nanoparticles and its UV protecting potential

<b>PhD Student</b>	<b>:</b>	<b>Sasmita Barik</b>
<b>Guide</b>	<b>:</b>	<b>Dr. Raman P Yadav</b>
<b>Subject</b>	<b>:</b>	<b>Biotechnology</b>

**The proposal was approved by the RRC.**

**Title :** Evaluation of Microteaching as Teaching - Learning tool for Teachers in Health Sciences

<b>PhD Student</b>	:	<b>Madhavi Mankar</b>
<b>Guide scales</b>	:	<b>Dr. Siddharth Dubhashi</b>
<b>Subject</b>	:	<b>Health Profession Education</b>

Members suggested to do a pilot study to test the evaluation and if required a modified tool may be developed.

The proposal was approved by the RRC subject to the incorporation of the suggested changes as above.

Date and agenda for next meeting to be decided.

  
Dr. Savita Shahani  
Member Secretary

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**Minutes of the “Scientific Advisory Committee”**

Meeting of Scientific Advisory Committee. MGM Institute of Health Sciences, Navi Mumbai was held on 3<sup>rd</sup> November 2018 in the 3<sup>rd</sup> Floor Conference Hall.

Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Prabha K. Dasila	:	Member Secretary
3. Dr. K. R. Salgotra	:	Member
4. Dr. Mary Mathew	:	Member
5. Dr. Rani Shetty	:	Member
6. Dr. Reeta Abbi	:	Member
7. Dr. Maninder Setia	:	Member
8. Dr. Gajanan Velhal	:	Member

Members absent were:

1. Dr. Prakash Doke	:	Member
2. Dr. N.C. Mohanty	:	Member
3. Dr. Siddharth Dubhashi	:	Member
4. Dr. Surinder Jaswal	:	Member
5. Dr. Rajani Mullerpatan	:	Member
6. Dr. Sanjay Chauhan	:	Member

The Chairperson welcomed the committee members to the meeting. Total 8 PhD scholars presented the progress report of their Ph.D. research projects.

1. Title: Effect of spouse support interventions on knowledge regarding fertility, stress and quality of life among infertile couples attending selected fertility centers

<b>PhD Student</b>	:	<b>Sonali Banerjee</b>
<b>Guide</b>	:	<b>Dr. Mary Mathews *</b>
<b>Subject</b>	:	<b>Nursing</b>

The PhD scholar presented the report of research work completed in last 6 months. She informed the committee that she has undergone counseling training for 2 months and currently pursuing yoga teacher training of 6 months duration.

***Final Comments by the committee –***

- Reframe the objectives
- Improve the tool by rearranging the questions.
- Group the tool under some heads like sexual orientation, physical, psychological, and social factors etc
- Divide the tool into self reported and interview technique.
- Video used in the study needs to be validated
- Carry the study in some well established institutions like Hinduja Hospital, Jaslok Hospital etc.



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2. Title: Develop and evaluate practice model for care givers in crèches.

<b>PhD Student</b>	:	<b>Arunima S</b>
<b>Guide</b>	:	<b>Dr. Mary Mathews*</b>
<b>Subject</b>	:	<b>Nursing</b>

The student presented the report of the research work accomplished in last 6 months. She explained that she personally visited various units for developing the tool for the study and has also collected the ICDS module for the study. She reported that the data received from Navi Mumbai police for registered/unregistered crèches includes a total of 187 crèches in Navi Mumbai which are not registered.

***Final Comments by the committee –***

- Return demo to conduct soon after teaching the participants (care givers).
- Emphasize only on practice which is not improved overtime in instead of repeating the same teaching activities every time.
- Tool – sleep hygiene instead of sleep pattern.
- Improve on presentation - Follow the principles of PPT presentation in terms of colour of slides, font size and type. Keep only Black and white slides.
- Keep the record of old PPT handy.

3. Title: Effect of structured nursing interventions on self-management behavior and health related quality of life among children with Bronchial Asthma

<b>PhD Student</b>	:	<b>Deepa Awlegaonkar</b>
<b>Guide</b>	:	<b>Dr. Mary Mathews *</b>
<b>Subject</b>	:	<b>Nursing</b>

The Ph.D scholar presented the report of research work completed in last 6 months. She informed the committee that the lesson plan and computer assisted content is prepared. She explained the methodology incorporated in gathering patient information for child & parents separately.

***Final Comments by the committee –***

- Daily diary is the part of the tool
- Write in information Sheet under Treatment & compensation for study related injury - Treatment as prescribed by the treating physician.
- Improve on inventory checklist – instead of Yes / No make it to what extent (How often)
- Give reference to the tool used for sample size calculation



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4. Title: Impact of traditional versus Brain Based Learning (BBL) Approach on knowledge clinical performance, motivation and self-esteem among B.Sc. students.

PhD Student : Kirti M. Jamadar  
Guide : Dr. Prabha K. Dasila\*  
Subject : Nursing

The Ph.D scholar presented the report of research work completed in last 6 months. She informed the members that she has obtained permission from various colleges to carry out the research project. She also informed the committee that the pilot Study is done and tool is found feasible.

Final Comments by the committee –

- Correct the information sheet: It is used for the students replace the word patient with student in the information sheet.

5. Title: Effect of nurse intervention on cognitive and non-cognitive functions and serum TNF Alpha of patients receiving chemotherapy for colorectal cancer at Tata Memorial Hospital, Mumbai.

PhD Student : Anita D'souza  
Guide : Dr. Mary Mathews\*  
Subject : Nursing

The Ph.D. scholar presented the research work completed in last 6 months. She explained that the proposal has also been presented at Tata Memorial Hospital, Parel, Mumbai for ethical approval. The Ethical committee at Tata Memorial Hospital, suggested not to expose the patients to sunlight rather give oral supplements of vitamins D. She also informed that the tool in three languages has been obtained and permitted to use for the study.

Final Comments by the committee –

- Add an objectives to compare cognitive and non cognitive functions and TNF alpha in study a control group pre and post intervention.

Title:- Evaluation of quality of services and gap in the administrative management of Mahatma Jyotiba Phule Jan Arogya Yojna (Study conducted in Raigad district) Knowledge of Microteaching among medical teacher.

PhD Student : Rupali Gujar  
Guide : Dr. K. R. Salgotra\*  
Subject : Hospital Administration

The Ph.D. Student presented the analysis of data collected for Ph.D. research work. She presented the results of standard versus what is being practiced with regard to Mahatma Jyotiba Phule Jan Arogya Yojna.

Final Comments by the committee –

- Add gap identification as an objective.



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7. Title: Evaluation of Microteaching as Teaching –Learning tool for Teachers in Health Sciences.

<b>PhD Student</b>	:	<b>Madhavi Mankar</b>
<b>Guide</b>	:	<b>(Dr. Siddharth Dubhashi)*</b>
<b>Subject</b>	:	<b>Health Profession Education</b>

The Ph.D. scholar explained the objectives and methodology of her research study. The members reviewed the title, objectives and methodology of the research project and extensively deliberated on feasibility of research project and mastery of PhD scholar to conduct 21 skills of Microteaching. The members had a long discussion on the topic as microteaching is a teacher training technique for learning teaching skills and to master this art the student has to undergo rigorous training at teacher training institute.

The members instructed the PhD scholar to discuss with the Guide all that discussed in the meeting and concluded with following points;

***Final Comments by the committee –***

- An expert will be required for conduct of Microteaching and to evaluate the skills of the teachers. In such case what would be the role of PhD scholar.
- The titled needs to be redefined. Modify the title and focus on to the area of researcher's expertise which is large enough for PhD research work.
- Suggested that the focus could be on;
  - Identifying microteaching skills practiced by the Medical teachers
  - Knowledge of Microteaching among Medical teachers.
  - Challenges faced in practicing Microteaching skills by medical teachers.

The Chairperson instructed all the PhD scholars that in the next scientific meetings the PPT Presentation should be neat and well prepared with appropriate font size. Following were few points mentioned;

1. Slide with white background and black writing
2. Font Size –

Heading	- 36
Body	- 28
3. Font type –Only two styles allowed  
Times New Roman  
Arial

The members insisted on compulsory presence of PhD Guides in every meeting when the PhD Scholar is presenting the progress report without which the scholar will not be permitted to present.

Meeting was concluded at 2.30 pm with vote of thanks.

  
(Member Secretary)

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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 5<sup>th</sup> October 2016 in the Conference Hall. The following members had participated in the meeting:

1. Dr Alaka Deshpande	:	Chairperson
2. Dr Chander P Puri	:	Member
3. Dr Prabha Dasila	:	Member Secretary
4. Dr Bharti Bellare	:	Member
5. Dr Maninder Setia	:	Member
6. Dr Mary Mathews	:	Member
7. Dr Rajani Mullerpatan	:	Member
8. Dr N C Mohanty	:	Member
9. Dr Sanjay Chauhan	:	Member
10. Dr G D Velhal	:	Member

Total 06 Ph.D. students were present presented the Progress Report of their project.

1. Title : Impact of parent-child education on physical, psychosocial and school performance among internet addicted teens in selected schools of Mumbai.

PhD Student	:	Farzana Begum
Guide	:	Dr. Prabha K Dasila
Subject	:	Nursing

The candidate presented her work completed in last six months. It was suggested to;

- Assess baseline perspectives of parents regarding internet use by their children.
- Prepare well illustrated visual materials separately for parents and children. Use simple language considering the maturity level of children and illustrate with appropriate pictures. Misleading pictures need to be avoided.
- Get the material validated.
- Keep the age group between 13 to 16 years.



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2. Title: The effect of dual task oriented training on functional outcome and the health related quality of life in Parkinson's disease

**PhD Student** : Meruna Bose  
**Guide** : Dr. Bharti Bellare  
**Subject** : Physiotherapy

The candidate presented her work completed in last six months. It was informed by the student that during the initial phase of data collection, the health related quality of life questionnaire for Parkinson's disease patients in Indian population, had on 7 themes which were increased to ten after analysis of Phase I data.

It was suggested to:

- Implement the tool with 10 domains on 10 separate patients to see the feasibility of questionnaire.
- Specify the sample size estimation using thematic and statistical analysis

3. Title : The integration of Evidence Based Practice (EBP) in physiotherapy education

**PhD Student** : Panhale Vrushali  
**Guide** : Dr. Bharti Bellare  
**Subject** : Physiotherapy

The candidate presented the work completed in last 6 months.

- Modify the title to training on Evidence Based Practice instead of just Evidence Based Practice.  
Hence the modified title will be; the integration of training on Evidence Based Practice in Physiotherapy education.
- Replace the word topic with theme, used for faculty interviews. The interviews of Physiotherapy faculty may start with 3 to 4 themes and additional themes may be subsequently added till the thematic saturation.
- Audacity Video: Use appropriate term instead of editing e.g. voice modulation etc.



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4. Title: Influence of various media on modes of therapeutic ultrasound in Phonophoresis.

PhD Student : Sreeraj S.R.  
Guide : Dr. Bharti Bellare  
Subject : Physiotherapy

- The candidate was asked to modify the methodology and consult expert from pharmacology including Dr. (Lt. Gen.) K R Salgotra, Professor & HOD, Orthopedics (consented to guide) for redesigning the project to experiment on humans in the previous SAC meeting.
- Extensive discussion as how and why the project be conducted on humans was discussed.
  - Dr. Bharti Bellare (Guide) expressed her concerns about collection of blood samples and ethical permission. She informed the committee that the study aims to find out the effect of transmission/penetration of drug using ultrasound. She also brought to the notice of committee that drawing blood for the purpose of study is not in the domain of physiotherapy hence feasibility will be difficult.
  - Dr. Maninder Setia stressed upon the importance of human trial for the study. He also said that a single animal study is not appropriate for PhD work.
- Finally, it was concluded that, the student need to consult the guide and co-guide to finalize the study design.

5. Title : The effectiveness of extended nursing care model on the Quality of life of patients of coronary artery bypass graft surgery

PhD Student : Jyoti Chaudhari  
Guide : Dr. S Pani\*  
Subject : Nursing

The candidate presented her work accomplished in last 6 months. It was suggested to make following changes in the project;

- Objective - Remove *two weeks* from objective 3 and make it *prior to surgery*. Merge objective 3 with 4. Remove objective 5.
- Operational definition - The word *Extended Nursing Care* to be replaced by word *Customized Intervention* or *Tailor Made Individualized Interventions*.



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- Inclusion criteria - Instead of discharged between 5 to 7 days make it within 7 days after surgery. Instead of age 50 - 75 years make it upto 75 years of age.
  - Sample selection: Divide the patients randomly in control and study group from Mumbai, Navi Mumbai and Thane city.
  - Tool - Interventions need to have specific options for patients and care takers. Specify parameters measured under operative data.
  - Use technical and scientific language with correct English.
6. Title : The role of brand equity on prescription behavior of doctors;. A comparative study of global and local brands.

PhD Student	: Jitendra G Bodkhe
Guide	: Prof. R K Shrivastava*
Subject	: Pharmaceutical Management

The candidate presented his work accomplished in last 6 months. Presented the data of 120 samples. Line diagram was shown to describe factors influencing prescription behaviour among physicians. It was suggested that line graph be used only for the information as continuous or series of data points.

- The presentation was concluded without the analysis of some variables. Suggested to prepare cross tabulation of data.
- Use technical and scientific words. Avoid using similar colour shade for bar diagrams

The meeting ended with the thanks to the chair.



(Member Secretary)





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**Minutes of the Scientific Advisory Committee (SAC)**


Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 5<sup>th</sup> October 2015 in the Conference Hall. The following functionaries had participated in the meeting:

1. Dr S V Chiplunkar	:	Chairperson
2. Dr Chander P Puri	:	Member
3. Dr Savita Sahani	:	Member Secretary
4. Dr Abhay Chowdhary	:	Member
5. Dr Atmaram Bandivdekar	:	Member
6. Dr Ipseeta Mohanty	:	Member
7. Dr D S Joshi	:	Member
8. Dr Z G Badade	:	Member
9. Dr R S Inamdar	:	Member

The Project entitled "Non-invasive TB triage & patient mapping platform using breath via low-cost titanium dioxide nanotube sensor" was presented during the meeting of the Scientific Advisory Committee of MGM Institute of Health Sciences held on 5<sup>th</sup> October 2015. We are informed that the project is under consideration for funding by the IKP Initiative on TB Control Programme.

Scientific Advisory Committee approved this study of development of a point-of-care test for diagnosis of tuberculosis at MGM Institute of Health Sciences.

  
Dr. S V Chiplunkar  
Chairperson, SAC  
Director  
ACTREC, Tata Memorial Centre  
Kharghar, Navi Mumbai

  
Dr. Savita Sahani  
Member Secretary, SAC  
Professor  
Department of Pharmacology  
MGM Medical College & Hospital  
Kamothe



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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai was held on 6<sup>th</sup> March 2019 in the Conference Hall. Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Prabha Dasila	:	Member Secretary
3. Dr. Mary Mathews	:	Member
4. Dr. Gajanan Velhal	:	Member
5. Dr. Rita Abbi	:	Member
6. Dr. Rajani Mullerpatan	:	Member
7. Dr. Sanjay Chauhan	:	Member
8. Dr. Medha V. Deo	:	Member
9. Dr. Sabita Ram	:	Research Director

Dr. Alaka Deshpande welcomed the new members Dr. Sabita Ram, Dr. Medha Deo and all other members of the committee. Eight Ph. D scholars presented the progress report of their research project.

1. Title: Impact of village planning need oriented community initiative to address nutritional problems among children's in the age group of 0 to 5 years in rural areas, Vidarbha, Maharashtra.

PhD Student	:	Amarapali Gajbhiye
Guide	:	Dr. Gajanan Velhal*
Subject	:	Nursing

The Ph.D. scholar presented the synopsis of her research project.

**Final Comments by the committee:**

- Discussion need to be explained scientifically.
- Explain the size of impact of your study.
- Conclusion to be modified. The report should be reflected in the conclusion.
- Refine the report writing.

*Synopsis is accepted with suggested changes.*

2. Title: Assess the risk factors associated with myocardial infarction among 18-45 years patients admitted in selected teaching hospitals of Mumbai with a view to develop an information booklet.

PhD Student	:	Subhangi R. Jadhav
Guide	:	Dr. Ashok Kalyanshetty*
Subject	:	Nursing

The Ph.D. scholar presented the synopsis of her Ph.D. research.

**Final Comments by the committee –**

- Research design to be written as Cross sectional analytic design instead of retrospective observational case control study.
- Compare the findings with already reported results of previous studies.
- Comparison of risk factors with older population to be added.
- Explain each and every table into 2-3 lines in the discussion.
- Check for copy right of the images and accordingly change the images.

*Synopsis is accepted with suggested changes*



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3. Title: Effect of educational intervention on knowledge regarding risk reduction and identification of early signs of stroke among hypertensive patients.

<b>PhD Student</b>	:	<b>Sucheta Yangad</b>
<b>Guide</b>	:	<b>Dr. Ashok Banerjee*</b>
<b>Subject</b>	:	<b>Nursing</b>

The Ph.D. scholar presented the synopsis of her Ph.D. research work. The member deliberated in length and advised the scholar to have clarity on the topic.

***Final Comments by the committee:***

- Instead of writing pretest and post test in study and control group – Write test 1 and test 2.
- Scatter plot is not correct.
- Check the current literature for sugar levels in the blood.
  - FBS
  - RBS
  - PBBS
- Heart diseases are included as part of your tool. Which heart disease are you checking?  
These are not specified.
- Must define the terms scientifically.
- Consult your guide, make changes and Present again in the next meeting.

4. Title : Effect of squatting on knee articulate cartilage in healthy adults.

<b>PhD Student</b>	:	<b>Bela Agarwal</b>
<b>Guide</b>	:	<b>Dr. Rajani Mullerpatan*</b>
<b>Subject</b>	:	<b>Physiotherapy</b>

The Ph.D. scholar presented analysis of data collected for her Ph.D. research work.

***Final Comments by the committee -***

- Speed up the project
- Analyze the data to finding out correlation of type of foot wear and osteoarthritis.

5. Title: Impact of specially devised intervention package on quality of life among senior citizens in slums areas of Thane district: an experimental field trial.

<b>PhD Student</b>	:	<b>Bhadrapriya Parab</b>
<b>Guide</b>	:	<b>Dr. Gajanan Velhal*</b>
<b>Subject</b>	:	<b>Nursing</b>

The Ph.D. scholar presented analysis of data collected for her Ph.D. research work.

***Final Comments by the committee:***

- Improve language in the report. Use good human language for interpretation.
- Carryout multiple regression for Psychological domain with marital status.
- Write the conclusion in scientific language.
- If there is a significant different it has to be explained well. Carry out 5 case studies to justify the difference.



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6. Title: Management of low birth weight infants with selected home care interventions and its impact on growth, development, morbidity and mortality after their discharge from hospital upto One year.

<b>PhD Student</b>	:	<b>Padmaja Dhawale</b>
<b>Guide</b>	:	<b>Prof. N. C. Mohanty*</b>
<b>Subject</b>	:	<b>Nursing</b>

The Ph.D. scholar presented analysis of data collected for her Ph.D. research work.

***Final Comments by the committee –***

- Number the objectives when you are presenting.
- Include ASHA workers for training.
- Speed up the work.

7. Title : Effect of planned teaching on the knowledge, attitude and skills of the health workers regarding care of newborn at birth in the selected tribal community of District Raigad.

<b>PhD Student</b>	:	<b>Devita Nalawade</b>
<b>Guide</b>	:	<b>Dr. N. C. Mohanty*</b>
<b>Subject</b>	:	<b>Nursing</b>

The Ph.D. scholar presented analysis of data collected for her Ph.D. research work

***Final Comments by the committee –***

- Find out total population and birth rate from the Taluka.
- Use scientific language for writing.
- Arrange the tables meaningfully instead of huge number of tables.

8. Title: Impact of antenatal counseling and breast crawl on lactation growth, development and incidence of common infections among infants.


<b>PhD Student</b>	:	<b>Sindhu Thomas</b>
<b>Guide</b>	:	<b>Dr. N. C. Mohanty*</b>
<b>Subject</b>	:	<b>Nursing</b>

The Ph.D. scholar presented analysis of data collected for her Ph.D. research work

***Final Comments by the committee –***

- Justify advantages of breast crawl over conventional method.
- Describe other observations during intra-natal period.
- Compare the groups - Breast Crawl + Counseling and Conventional group + Counseling.
- All the data needs to come in great details for discussion.

Meeting was concluded at 2.30 pm with vote of thanks.

  
(Member Secretary)

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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai was held on 6<sup>th</sup> February 2018 at 10.00 am in the 3<sup>rd</sup> Floor Conference Hall.

Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Prabha Dasila	:	Member Secretary
3. Dr. Maninder Setia	:	Member
4. Dr. K. R. Salgotra	:	Member
5. Dr. N C Mohanty	:	Member
6. Dr. Mary Mathews	:	Member
7. Dr. Rani Shetty	:	Member
8. Dr. Sanjay Chauhan	:	Member
9. Dr. Bharati Bellare	:	Member
10. Dr. Rita Abbi	:	Member

Dr. Alaka Deshpande welcomed the committee members to the meeting. Three students from Nursing, One from Physiotherapy and one from Hospital Management presented their Synopsis. Five students from Nursing and One student from Hospital Administration presented their Topics for their Ph.D. research work (RRC).

1. Title: The effectiveness of extended nursing care model on the Quality of life (QOL) of patients of coronary artery bypass graft surgery.

Ph.D. Student	:	Jyoti Choudhari
Guide	:	Dr. S Pani
Subject	:	Nursing

Presented synopsis of her research project

**Final Comments by the committee -**

- Include table for comorbidities like Diabetes, obesity, Hypertension and smoking. Prepare, proper tables for control and study group. Use statistical tests for analysis of demographic data.
- Discuss with statistician for clarity of tests used for analysis.
- *Synopsis accepted*



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2. Title: Influence of hydrophilic and lipophilic media in continuous and Pulsed modes of therapeutic ultrasound in Phonophoresis.

Ph.D. Student	:	Sreeraj S R
Guide	:	Dr. Bharati Bellare
Subject	:	Physiotherapy

The Ph.D. scholar presented the synopsis of his study

*Final Comments by the committee -*

- Suggested to modify the conclusion. May write, the transdermal drug delivery was found as good as oral drug therapy.
- *Synopsis accepted*

3. Title: Effect of stripping of the umbilical cord blood towards the baby at birth on neonatal outcome, growth and development through infancy.

Ph.D. Student	:	Manisha N. Pawar
Guide	:	Dr. Mary N Mathews
Subject	:	Nursing

The Ph.D. student presented the synopsis of her research work.

*Final Comments by the committee -*

- Remove the 3<sup>rd</sup> objective.
- *Synopsis accepted*

4. Title: Effect of planned teaching programme on knowledge, attitude and practices (KAP) in relation to selection aspects of cervical cancer and screening for secondary prevention among women in rural district of Raigad Maharashtra.

Ph.D. Student	:	Varsha R. Kadam
Guide	:	Prakash P Doke
Subject	:	Nursing

The Ph.D. student presented the synopsis of her thesis.

*Final Comments by the committee -*

- Justification for selection of only 3 villages for non participation in screening is required.
- *Synopsis accepted*

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5. Title: Disaster management preparedness at the selected hospitals of Navi Mumbai: identifying the gap areas and strategizing appropriate intervention measures.

Ph.D. Student	:	Saloni C Desai
Guide	:	Prakash P Doke
Subject	:	Hospital Administration

The Ph.D. student presented the synopsis of her research work.

*Final Comments by the committee -*

- The data needs to be organized based on the objectives of the study. SWOT Analysis not required.
- *Present the synopsis again in the next meeting.*

6. Title: Comparing the impact of traditional versus Brain Based Learning (BBL) approach on cognitive domain, self esteem and knowledge retention among baccalaureate nursing students.

Ph.D. Student	:	Kirti M Jamadar
Guide	:	Dr. Prabha K Dasila
Subject	:	Nursing

The student presented her topic for approval of research project.

*Final Comments by the committee:*

- To include application of Brain based learning in developing a nursing care plan eg. Care of elderly, paraplegic patients or similar areas instead of teaching pharmacology.
- Modify the methodology.
- *Concept of the research is accepted.*

7. Title: Effect of structured nursing interventions on self management behaviour and health related quality of life among children with bronchial asthma.

Ph.D. Student	:	Deepa Awlegaonkar
Guide	:	Dr. Mary N Mathews
Subject	:	Nursing

The student presented the topics for approval of research project.

*Final Comments by the committee:*

- Show some new nursing intervention apart from existing ones.
- Include the age group in the inclusive criteria.
- Take consent of the parent and accent of the child.
- Be specific for co-morbid condition. Include chronic cough along with asthma.
- *Topic accepted.*

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8. Title: Impact of nurse directed intervention for the management of anemia in pregnancy.

Ph.D. Student	:	Geeta B Sangali
Guide	:	Dr. Mary N Mathews
Subject	:	Nursing

The Ph.D. student presented the topic for RRC approval

*Final Comments by the committee:*

- Modify the Title from; A study to design and assess the impact of nurse directed intervention package for the management of anemia in pregnancy to New : Impact of nurse directed intervention for the management of anemia in pregnancy.
- Justify the interventions:
- Study WHO requirement of Iron.
- Contact National Institute of Nutrition and Food & Nutrition Department, Baroda for further reference.

9. Title: Impact of spouse support interventions on stress and quality of life among couples undergoing infertility treatment at selected hospitals.

Ph.D. Student	:	Sonali Banerjee
Guide	:	Dr. Mary N Mathews
Subject	:	Nursing

The Ph.D. student presented the topic for RRC approval

*Final Comments by the committee:*

- Objectives of the researcher work needs to be restructured.
- Modify the hypotheses.
- Topic Accepted.

10. Title: Develop and evaluate best practice model in crèches.

Ph.D. Student	:	Arunima Sreeleth
Guide	:	Dr. Mary N Mathews
Subject	:	Nursing

*Final Comments by the committee:*

- The title may be modified to; Developing and implementing a model for care of children in crèches.
- Modify the objectives according to the title of study.
- Topic Accepted.

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11. Title : Patients' perceived service quality for Mahatma Jyotiba Phule Jan Arogya Yojna

Ph.D. Student	:	Rupali Gujar
Guide	:	Dr. K R Salgotra
Subject	:	Hospital Administration

*Final Comments by the committee:*

- Prospective study.
- Restructure the objectives as per the title of the study.
- Title accepted.

Meeting was concluded at 4.30 pm with vote of thanks.

  
(Member Secretary)



## MGM INSTITUTE OF HEALTH SCIENCES

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### Minutes of the Scientific Advisory Committee (SAC)

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 7<sup>th</sup> April 2017 at 10.00 am in the Conference Hall. The following members had participated in the meeting:

- |                              |   |                  |
|------------------------------|---|------------------|
| 1. Dr Smita Mahale           | : | Chairperson      |
| 2. Dr Alaka Deshpande        | : | Member           |
| 3. Dr. Atmaram Bandivdekar   | : | Member           |
| 4. Dr. Prasanna Venkatraman  | : | Member           |
| 5. Dr. Deepak Modi           | : | Member           |
| 6. Dr. Deepak Sudhakar Joshi | : | Member           |
| 7. Dr Chander P Puri         | : | Member           |
| 8. Dr. V K Suri              | : | Member           |
| 9. Dr. Ramān P Yadav         | : | Member           |
| 10. Dr. Ravindra Inamdar     | : | Member           |
| 11. Dr. D S Joshi            | : | Member           |
| 12. Dr. H R Jerajani         | : | Member           |
| 13. Dr. Savita Sahani        | : | Member Secretary |
| 14. Dr. Ipseeta Mohanty      | : | Member           |
| 15. Dr. Z G Badade           | : | Member           |
| 16. Dr. Siddharth Dubhashi   | : | Member           |

1. Title : Effect of Oxytetracycline and Doxycycline on neuromuscular function

PhD Student	:	Savitri Katlam
Guide	:	Dr. Y A Deshmukh
Subject	:	Pharmacology

Candidate was suggested to :

- Repeat studies involving calcium chelation potency and confirm that graph with concentration potency ratio is linear
- Repeat optic density data at lower concentration
- Recheck statistical calculations
- Limitation of study to be mentioned
- Candidate was asked to present revised synopsis again incorporating the changes as suggested.



2. Title : Studies on polymorphisms of fucosyltransferase2 (FUT2) gene and its association with prevalent genotypes of rotavirus and norovirus.

PhD Student : Kshitija Rane  
Guide : Dr. D S Joshi  
Subject : Genetics

Synopsis was approved.

3. Title : Biological synthesis of highly efficient quantum dots and its application in detection of MTB and latent TB (LTB) antigens.

PhD Student : Amita Bhagit  
Guide : Dr. Raman P. Yadav\*  
Subject : Biotechnology

- Members suggested to mention advantages of quantum dots over current existing method of detection of MTB & LTB with regards to its specificity & sensitivity.
- Members advised to include gel infiltration data in presentation, confirm protein crystallisation data confirm which component is responsible for antioxidant property and how this property will be beneficial in *invitro* assay.

Synopsis to be presented again after incorporation of suggestions.

4. Title : Potent pancreatic lipase inhibitor from food plants and development of safer anti-obesity formulation

PhD Student : Sveeta Mhatre  
Guide : Dr. Raman P. Yadav\*  
Subject : Biotechnology

Candidate was suggested to :

Carryout biostandardization of plant extract

Establish effect of active ingredient on experimental obesity model

5. Title : Embryogenesis of human gonads

PhD Student : Sumi Elizebeth  
Guide : Dr. Aruna Mukherjee  
Subject : Anatomy

Progress of the work was satisfactory. Candidate was advised to compare the finding with abnormal foetus if available.

6. Title : Proliferative capacity and functional activity of retinal progenitor cells in developing human fetuses

PhD Student : Vithal Mane  
Guide : Dr. Anjali Sabnis  
Subject : Anatomy

Candidate was suggested to:

- Keep negative control of antibodies in immunohistochemistry
- Try to find the cause for abortion and correlate the findings
- If abnormal foetus could also be collected then they can be compared with the current findings for retinal progenitor cells.

7. Age related changes in human hypothalamus - cadaveric study

PhD Student : Pravin Rathod  
Guide : Dr. Aruna Mukherjee  
Subject : Anatomy

Candidate was suggested to consider changes in elastin fibrin also.

8. Study of neuronal and glial changes in human olfactory pathway with age - A cadaveric study

PhD Student : Monali Sonawane  
Guide : Dr. Aruna Mukherjee  
Subject : Anatomy

Work was found satisfactorily

Date and agenda for next meeting to be decided.

*hscali*  
(Member Secretary)

**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 7<sup>th</sup> August 2015 in the Conference Hall, 3<sup>rd</sup> floor at MGMIHS, Navi Mumbai. Following members were present in the meeting:

- |                         |   |                  |
|-------------------------|---|------------------|
| 1. Dr. Alaka Deshpande  | : | Chairperson      |
| 2. Dr. Chander P. Puri  | : | Member           |
| 3. Dr. N. C. Mohanty    | : | Member           |
| 4. Dr. Prabha K. Dasila | : | Member Secretary |
| 5. Dr. Mary Mathews     | : | Member           |
| 6. Dr. Rani Shetty      | : | Member           |
| 7. Dr. Maninder Setia   | : | Member           |
| 8. Dr. Sanjay Chauhan   | : | Member           |

Dr. Chander Puri, Pro Vice Chancellor (Research) welcomed the Chairperson and all members to the meeting. He addressed the PhD students to regularly contact the guides and co-guides and to expedite the progress of project.

Total 13 Ph.D. students presented the Progress Report of their project.

1. **Ph.D Student** : Suchita Sawant

**Guide** : Dr. Jaishree Ghanekar

**Title** : Pulmonary rehabilitation of COPD patients: Impact of information booklet and demonstration of breathing techniques on knowledge and practices of patients.

**Progress Report** – Presented the report on progress of work on preparation of information booklet and tools

**Final Comments by the committee:**

1. Plan a study and control groups for the research.
2. Have a standardized checklist to interview participants on phone.
3. Prepare a blue print of activities for data collection process.
4. Submit institutional ethical approval of the institutes where the study will be conducted and proceed further with pretesting and piloting of tool.
5. Work hard to expedite the project further.
6. Contact the guide and co guide on regular basis.



- 2. Ph.D Student : Manisha Pawar**  
**Guide : Dr. N. C. Mohanty**  
**Title : Effect of stripping of the umbilical cord blood towards the baby at birth on neonatal and developmental outcome through infancy.**

**Progress report by the student** – Presented the results of the pilot study conducted.

**Final Comments by the committee:**

1. Have randomized computer generated table for sample selection in study and control group.
2. Discuss about the results of intervention group first and control later in the graphs.
3. Check the difference in the results in relation to parity, income and age of the mother.
4. Use different figures for each variable (X and Y axis has huge disparity in one figure)
5. Consult with experts regarding analysis and presentation of data for developmental parameters.
6. Refer literature on umbilical cord stripping than umbilical cord clamping.
7. Work hard to expedite the project further.
8. Contact the guide and co guide on regular basis.

- 3. Ph.D Student : Dhanraj Babu**  
**Guide : Dr. N. C. Mohanty**  
**Title : Impact of planned feeding Interventions on nutritional status and quality of life among children with cerebral palsy.**

**Progress report by the student** - Presented the report on progress of work on preparation of tools

**Final Comments by the committee –**

1. Proceed further with pretesting and piloting of tool.
2. Work hard to expedite the project further.
3. Contact the guide and co guide on regular basis.

- 4. Ph.D Student : Jyoti Chaudhary**  
**Guide : Dr. S. Pani**  
**Title : The Effectiveness of extended nursing care model on the quality of life of patients of coronary artery bypass graft surgery.**

**Progress report by student** - Presented the report on progress of work on preparation of tools and results of a survey conducted.

**Final Comments by the committee –**

1. Consult with biostatistician for clarity in data analysis and use of information.
2. Prepare process documentation and study intervention protocol.
3. Work hard to expedite the project further.
4. Contact the guide and co guide on regular basis.



- 5. Ph.D Student : Devita Nalawade**  
**Guide : Dr. N. C. Mohanty**  
**Title : Effect of planned teaching on the knowledge, attitude and skills of the community health workers regarding neonatal resuscitation in the selected tribal community in the District Raigad.**

***Progress report by the student*** - Presented the progress of work.

***Final Comments by the committee –***

1. Modify the title – Replace the word *Neonatal resuscitation from the title to care of newborn at birth*. A research project on similar topic is being conducted by another PhD student. Check for any overlapping or similarities. Discuss with the guide and co-guide.
2. Implement the intervention in two groups –
  - a. Group one - ASHA workers & Dais
  - b. Group Two - Staff Nurses & ANMs
3. Use the sample as a site instead of using as an individual for post test practices. Have three observations at one month, three months and at six months. Find the need for any reinforcement at the end of 3 months.
4. Prepare a blue print of detailed working plan of data collection and training programme.
5. Refer records of the previous years with the existing system and keep it as the base. Check the Morbidity and Mortality after 1 year

- 6. Ph.D Student : Bharti Veer**  
**Guide : Dr. Jaishree Ghanekar**  
**Title : Effect of multipronged health awareness counseling on knowledge and practices in relation to prevention of coronary artery disease among personnel with sedentary lifestyle living in Mumbai.**

***Progress report by student*** - Presented the report on progress of work on preparation of tools and results of a survey conducted.

***Final Comments by the committee -***

1. Find literature for definition of Sedentary Lifestyle.
2. Proceed further with pretesting and piloting of tool.
3. Survey as many people as required to reach the sample size.
4. Work hard to expedite the project further.
5. Contact the guide and co guide on regular basis.



- 7. Ph.D Student : Mangalam Sriram**  
**Guide : Dr. Prakash Doke**  
**Title : The Impact of communication on self care management among individuals with diabetes mellitus in an urban community.**

**Progress report by student** - Presented the report on progress of work on preparation of tools and a survey conducted. The results of survey are yet to be analyzed.

**Final Comments by the committee –**

1. Proceed further with pretesting and piloting of tool.
2. Work hard to expedite the project further.
3. Contact the guide and co guide on regular basis.

- 8. Ph.D Student : Sharad Pandit**  
**Guide : Dr. B. G. Boricha**  
**Title : Impact of skill training programme regarding essential obstetric and Newborn Care (EONC) during labour on the competencies of nurses in a selected rural health setup.**

**Progress report by student** – Presented the report on progress of work completed.

**Final Comments by the committee -**

1. Check the number of PHCs in Thane and Palghar district and decide the setting. The facilities and personnel to be matched before finalizing the set up.
2. Get yourself certified as Master Trainer from an obstetrician and a qualified nurse.
3. Contact the guide and co guide on regular basis.

- 9. Ph.D Student : Fernandes Perpetua**  
**Guide : Dr. Rekha Ogle**  
**Title : Effectiveness of self – efficacy enhancing intervention program on the health behavior and health related quality of life of patients with diabetes mellitus.**

**Progress Report by student** – Presented the report on progress of work completed.

**Final Comments by the committee -**

1. Proceed further with reliability and piloting of tool.
2. Check the reliability of research tool translated to Marathi and Hindi languages.
3. Work hard to expedite the project further.
4. Contact the guide and co guide on regular basis.



- 10. Ph.D Student : Varsha Kadam**  
**Guide : Dr. Prakash Doke**  
**Title :** Effect of planned teaching programme on knowledge, attitude practices in relation to selected aspects of cervical cancer and screening for secondary prevention among women in rural district of Maharashtra.

**Progress Report by student** – Presented the progress report of data collected.

**Final Comments by the committee -**

1. Consider the data presented as pilot data and not as main study. Restructure the methodology and protocol for the main study.
2. Discuss with your guides and co-guides regarding the sample size.
3. Be specific regarding assessment of attitude in relation to cervical cancer.
4. Figure out which hospital provides cervical cancer screening so that women can approach particular institution even after the research study is over.
5. Extensive literature review is required.
6. Additional objective to find out the reasons for non participation in cervical screening.
7. Work hard to expedite the project further.
8. Contact the guide and co guide on regular basis.

- 11. Ph.D Student : Rahul Pandit**  
**Guide : Dr. Mary Mathews**  
**Title :** Effect of caregivers education programme on functional status and selected aspects of health related quality of life among cerebrovascular accident patients in selected hospitals.

**Progress Report by student** – Presented the report on progress of work on preparation of tools.

**Final Comments by the committee -**

1. Modify the objectives : No. 3 & 6
2. Proceed further with pretesting and piloting of tool.
3. Work hard to expedite the project further.
4. Contact the guide and co guide on regular basis.

- 12. Ph.D Student : Thresiamma Sugathan**  
**Guide : Dr. Mary Mathews**  
**Title :** Awareness, attitude and initiative for leading change in Nursing education and practice among senior nursing personnel.

**Progress report by the student** - Presented the report on progress of work on preparation of tools.

**Final Comments by the committee –**

1. Find out literature regarding lacunas/gaps to justify the rationale for this study.
2. Use Self Administered Questionnaire.
3. Proceed further with pretesting and piloting of tool.
4. Work hard to expedite the project further.
5. Contact the guide and co guide on regular basis



- 13. Ph.D Student : Savia Fernandes**  
**Guide : Dr. Alok Banerjee**  
**Title : To develop and evaluate the effect of Ventilator associated pneumonia prevention protocol for nurses working in intensive care units in multispecialty hospitals of Mumbai**

***Progress Report by the student*** – Presented the report on progress of work on preparation of tools.

***Final Comments by the committee –***

1. Modify the title as; *To develop and evaluate the effect of prevention protocol on Ventilator associated pneumonia for nurses working in intensive care units of multispecialty hospitals in Mumbai*
2. Proceed further with pretesting and piloting of tool.
3. Work hard to expedite the project further.
4. Contact the guide and co guide on regular basis

The meeting ended with the thanks to the chair.

  
(Member Secretary) 13/8/15



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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai was held on 9<sup>th</sup> May 2016 in the Conference Hall. Following members were present in the meeting:

1. Dr Prakash Doke	:	Chairperson
2. Dr Chandr P Puri	:	Member
3. Dr Prabha Dasila	:	Member Secretary
4. Dr Rajani Mullerpatan	:	Member
5. Dr N C Mohanty	:	Member
6. Dr Mary Mathews	:	Member
7. Dr Maninder Setia	:	Member
8. Dr Rani Shetty	:	Member
9. Dr. Sanjay Chauhan	:	Member
10. Dr. Gajanan Velhal	:	Member

Total 12 PhD students had presented the Progress Report of their project.

1. Title: Effect of Nursing audit and competency based education regarding infection control practices during intranatal period on knowledge, attitude and practices of nursing personnel working in labour rooms of selected CHCs and PHCs of Raigad district.

PhD Student	:	Manisha Kadam
Guide	:	(Dr. Prabha Dasila)*
Subject	:	Nursing

**Final Comments by the committee –**

1. Impact of intervention to be assessed.
2. Start data collection.

2. Title: Impact of transformational leadership educational programme of head nurses on Performance and job satisfaction of staff nurses working in selected public hospitals of Mumbai.

PhD Student	:	Maya Vadgaonakar
Guide	:	(Dr. Prabha Dasila)*
Subject	:	Nursing

**Final Comments by the committee:**

1. Reliability of tool needs to be submitted at the earliest.
2. Statistical analysis of the pilot study should have been presented.
3. Speed up the research work.





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3. Title: Effect of emotional intelligence training program on psychosocial skill and clinical performance among nursing students of selected nursing colleges in Maharashtra.

**PhD Student** : **Madhavi Ghorpade**  
**Guide** : **(Dr. Prabha Dasila)\***  
**Subject** : **Nursing**

***Final Comments by the committee:***

1. Speed up the research work.

4. Title: Effect of educational intervention on knowledge regarding risk reduction and identification of early signs of stroke among hypertensive patients.

**PhD Student** : **Sucheta Yangad**  
**Guide** : **(Dr. Alope Banerjee)**  
**Subject** : **Nusing**

***Final Comments by the committee:***

1. Use of technical language in information booklet needs to be avoided.
2. Analyse the data collected for risk assessment of Hypertensive patients.
3. Speed up the research work.

5. Title: Comparison of verbal, written and video based health education followed by reminders regarding prevention and early detection of cervical cancer on knowledge, attitude and participation for cervical screening among women in selected hospital of Pune city.

**PhD Student** : **Seeta Devi**  
**Guide** : **(Dr. Prabha Dasila)\***  
**Subject** : **Nursing**

***Final Comments by the committee:***

1. Improve the quality of health education video. Check the availability of validated videos at Tata Hospital, Mumbai.
2. In case the videos are prepared by the researcher, it needs to be validated. Approach FTI, Pune for casting of actors to play in the video.
3. Prepare the script and get it validated. Use the same script for all three modes of health education.
4. Speed up the research work.





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6. Title: Impact of village based planning – need oriented community initiative to address nutritional problems among children in the age group of 0 to 5 years in rural areas, Vidarbha, Maharashtra.

**PhD Student** : **Amarapali Gajbhiye**  
**Guide** : **(Dr Gajanan Velhal)\***  
**Subject** : **Nursing**

***Final Comments by the committee:***

1. Include new children entering in this age group to the study and exclude those above 5 years of age from the study.
2. Ascertain the reliability of data collection tool.
3. Present the training module in the next meeting.
4. Speed up the research work.

7. Title: Effect of planned teaching on the knowledge, attitude and skills of the community health workers regarding care of newborn at birth in the selected tribal community in the district Raigad.

**PhD Student** : **Devita Nalawade**  
**Guide** : **(Dr. N. C. Mohanty)\***  
**Subject** : **Nursing**

***Final Comments by the committee:***

1. Modify the setting of the study and accordingly make necessary changes in the title. Select notified block of tribal population at Karjat.
2. Assess the area for number of deliveries per day. Find out the number of deliveries conducted by each nurse per day and submit the report within 15 days.
3. Find out the number of institutional and non institutional deliveries at the notified block of tribal population at Karjat.
4. Explore the trainability of ASHA worker at tribal population, Karjat.
5. Define the intervention clearly and give range to the observations ie immediately after intervention, after 7 days, after 6 months and 9 months.
6. Speed up the research work





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8. Title: Effect of planned teaching on knowledge attitude and practice of skilled birth attendants on facility based newborn care at health care facilities in district of Raigad.

**PhD Student** : **Samruddhi Bhakare**  
**Guide** : **(Dr. N. C. Mohanty)\***  
**Subject** : **Nursing**

**Final Comments by the committee:**

1. Start data collection.

9. Title: Effect of squatting on knee articulate cartilage in healthy adults.

**PhD Student** : **Bela Agarwal**  
**Guide** : **(Rajani Mullerpatan)\***  
**Subject** : **Physiotherapy**

**Final Comments by the committee:**

1. Find out a model for powered data analysis. Analyze within the group instead of inter group data analysis.
2. Start data collection process.

10. Title: Compare efficacy of cognitive behavioral therapy Vs Jacobson's relaxation technique on level of stress, burnout and coping among nurse working in tertiary care hospitals

**PhD Student** : **Vishalkumar Powar**  
**Guide** : **(Dr. Rakesh Ghildiyal)\***  
**Subject** : **Nursing**

**Final Comments by the committee:**

1. Modify the methodology - Make three groups.
  - Two groups with intervention (Cognitive behavioral therapy and Jacobson relaxation technique)
  - One group without treatment.
2. Assess baseline prevalence of stress, burn out and coping among nurses.
3. Speed up the research work





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11. Title: Impact of specially devised intervention package on quality of life among senior citizens in slums areas of Thane district: An experimental field trial.

**PhD Student** : **Bhadrapriya Parab**  
**Guide** : **(Dr. Gajanan D. Velhal)**  
**Subject** : **Nursing**

***Final Comments by the committee:***

1. Modify the inclusion criteria for length of stay— Stay for six months and intention to stay beyond 6 months instead of one year.
2. Change the pictures in the booklet. Include the medical problems among senior citizens in the booklet.
3. For assessing medical problems ask for doctor's prescription wherever possible.
4. Categorize health problems as single or multiple for analysis. Follow ICD classification.

12. Title: Effectiveness of self help skills training on performance of activities of daily living and basic social skills among children with intellectual disability

**PhD Student** : **Sanjay Sevak**  
**Guide** : **Dr Rakesh Ghildiyal**  
**Subject** : **Nursing**

***Final Comments by the committee:***

1. Start the main study but continue the pilot sample till end.
2. Replace the word Pre & Post test with before and after intervention.
3. Find out standard protocol for number of training sessions per week for children with intellectual disability.
4. Analyze the learning ability of intellectually disabled children with biological and cognitive age in terms of complexity of tasks.

The meeting ended with thanks to the chair. Date and agenda for next meeting to be decided.

  
(Member Secretary)

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**Minutes of the "Scientific Advisory Committee"**

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai was held on 11<sup>th</sup> September 2018 in the 3<sup>rd</sup> Floor Conference Hall. Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Prabha K. Dasila	:	Member Secretary
3. Dr. Gajanan Velhal	:	Member
4. Dr. Maninder Setia	:	Member
5. Dr. Chander P Puri	:	Member
6. Dr. Rani Shetty	:	Member
7. Dr. Mary Mathews	:	Member
8. Dr. Nimain Mohanty	:	Member
9. Dr. Sanjay Chauhan	:	Member
10. Dr. Rita Abbi	:	Member

The Chairperson welcomed the committee members to the meeting. Total 6 students presented the synopsis of their Ph.D. research projects.

1. Title: Effect of emotional intelligence training programme on psychosocial skill and clinical performance among nursing students of selected nursing colleges in Maharashtra.

PhD Student	:	<b>Madhavi Ghorpade</b>
Guide	:	<b>Dr. Prabha K. Dasila</b>
Subject	:	<b>Nursing</b>

The Ph.D scholar presented the synopsis of her research project.

**Final Comments by the committee --**

- Write the scores below all the figures for satisfactory, fair, good categories.
- Compare within the study and control group using statistical tests.
- Compare between the groups using Tukey's test.
- Analysis of clinical performance data requires clarity.

**Synopsis is accepted after suggested corrections and changes.**

2. Title: The role of brand equity on prescription behavior of doctors: A comparative study of global and local brands.

PhD Student	:	<b>Jitendra G. Bodkhe</b>
Guide	:	<b>Prof. R. K. Shrivastava</b>
Subject	:	<b>Pharmaceutical Management</b>

The Ph.D scholar presented the synopsis of his research project.

**Final Comments by the committee --**

- Use statistical tests to show that there is difference or no different in Table No.5, illustrating audit analysis.
- Write global versus local brand for describing role of brands influencing prescription behaviour of doctors in metro and class A cities, for research hypothesis (H<sub>2</sub>) instead of the word Brand equity.
- Elaborate in your thesis on pharmaceutical products prescribed by the doctors and directive prescriptions where patients are given informed choices.

**Synopsis is accepted after suggested corrections.**

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3. Title: Effect of planned teaching on knowledge, attitude and practices of skilled birth attendants on 'Facility Based Newborn Care' at health care centers in district of Raigad.

PhD Student : Samruddhi Bhakare  
Guide : Dr. N. C. Mohanty  
Subject : Nursing

The Ph.D scholar presented the synopsis of her research project.

*Final Comments by the committee –*

- Make flow chart of sampling technique.
  - Remove designation from the analysis and keep only qualification.
  - Write the time period under each post test in the graphs.
- Synopsis is accepted after suggested corrections.**

4. Title: Impact of transformational leadership educational programme of head nurses on performance and job satisfaction of staff nurses in selected public hospitals of Mumbai.

PhD Student : Maya Vadgaonakar  
Guide : Dr. Prabha K. Dasila  
Subject : Nursing

The Ph.D scholar presented the synopsis of her research project.

*Final Comments by the committee –*

- Guidelines for making the Power Point Presentation to be followed.
  - Write the contribution of your research to nursing profession.
- Synopsis is accepted after suggested corrections.**

5. Title: Comparison of verbal, written and video based health education regarding prevention and early detection of cervical cancer on knowledge, attitude and participation for cervical screening among women in hospitals of Pune.

PhD Student : Seeta Devi  
Guide : Dr. Prabha K. Dasila  
Subject : Nursing

The Ph.D scholar presented the synopsis of her research project.

*Final Comments by the committee –*

- Elaborate on systematic random sampling.
  - Use multiple comparison tables.
- Synopsis is accepted after suggested corrections.**



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6. Title: Effect of Nursing audit and competency based education regarding infection control practices during intranatal period on knowledge, attitude and practices of nursing personnel working in labour rooms of selected healthcare facilities of Raigad District.

PhD Student	:	Manisha Kadam
Guide	:	Dr. Prabha K. Dasila
Subject	:	Nursing

The Ph.D scholar presented the synopsis of her research project.

***Final Comments by the committee –***

- Use Pie/Bar chart instead of line chart for maternal morbidity.
  - Write in the methodology regarding practices observed directly and practices found from the records. For analysis indicate practices observed directly as (O) and practices found from the records as (R) in the table.
  - Analyze the needle stick injuries as number of nurses with needle stick injuries, how many reported, not reported and from those who reported how many received prophylactic treatment.
  - Make correction in statistical test used for comparison.
- Synopsis is accepted after suggested corrections.**

Meeting was concluded at 2.30 pm with vote of thanks.

  
(Member Secretary)

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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai was held on 11<sup>th</sup> September 2019 in the Conference Hall. Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Prabha Dasila	:	Member Secretary
3. Dr. Mary Mathews	:	Member
4. Dr. Gajanan Velhal	:	Member
5. Dr. Sanjay Chauhan	:	Member
6. Dr. K. R. Salgotra	:	Member
7. Dr. Rajani Mullerpatan	:	Member
8. Dr. Maninder Setia	:	Member
9. Dr. Siddharth Dubhashi	:	Member
10. Dr. Medha V. Deo	:	Member

Dr. Alaka Deshpande welcomed all the committee members to the meeting. Total **Six** Ph.D scholars presented their research work in the meeting out of which *Two* presented the synopsis and *Four* progress report.

1. Title: Management of low birth weight infants with selected home care interventions and its impact on growth, development, morbidity and mortality after their discharge from hospital upto One year.

PhD Student	:	Padmaja Dhawale
Guide	:	(Prof. N. C. Mohanty)*
Subject	:	Nursing

The Ph.D. scholar presented the synopsis of her research project.

***Final Comments by the committee:***

- Write the purpose of first objective (Retrospective data from hospital records). This can also be explained in Chapter III. Discuss with your guide and co-guide: for the use of retrospective data to compared with study results.
- Rearrange the sequence of objectives (4,5,6 first and 2,3 later)
- Operational Definition – Define selected home care intervention with clarity.
- Prepare the sampling flow chart – How many babies are born, how many babies with Low birth weight and how many were included, not included etc.
- Describe validity process in detail.
- Analysis –
  - Split the analysis of knowledge of Primi and Multipara mother.
  - Explain the change in weight percentile along with number of infants.
  - Describe the causes of death in infants.
- Improve the language of your thesis.

*Submit the synopsis with suggested corrections and modifications.*



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2. Title: Management of diabetes with education and involvement of spouses for lifestyle modification.

<b>PhD Student</b>	:	<b>Perpetua Fernandes</b>
<b>Guide</b>	:	<b>Dr. Prabha K. Dasila*</b>
<b>Subject</b>	:	<b>Nursing</b>

The PhD scholar presented the synopsis of her Ph.D. thesis.

*Final Comments by the committee –*

- Involvement of spouse need to be elaborated
- Describe the components included in the Education programme, time taken for each component and what were the activities involved.
- Carry out the following data analysis
  - Matching of group
  - Classify the demographic data as per Kuppaswamy SES classification.
  - Carry out statistical tests for clinical parameters frequency and percentage (Table 9)
  - Carry out age wise and gender wise analysis of spouse.
- Write the recommendations in response to your study.
- Write appropriate conclusions.

*Submit the synopsis with suggested corrections and modifications.*

3. Title: Develop and evaluate practice model for care givers in crèches.

<b>PhD Student</b>	:	<b>Arunima S</b>
<b>Guide</b>	:	<b>Dr. Mary Mathews*</b>
<b>Subject</b>	:	<b>Nursing</b>

The Ph D scholar presented the report of the work completed in last 6 months. She informed that total 109 crèches were assessed for existing conditions of crèches. The members appreciated the quality of data collected by the scholar.

*Final Comments by the committee-*

- In objective 2 add word physical development.
- Instead of return demonstration write demonstration by the participants.
- Rearrange the chronological sequence of objectives.
- Specify the cot as baby cot or low level cot in the tool. This information should also be included in the discussion chapter.
- Go ahead with research work

4. Title: Long term monitoring of functional outcome of multi-level orthopedic surgeries in children with cerebral palsy.

<b>PhD Student</b>	:	<b>Triveni Shetty</b>
<b>Guide</b>	:	<b>(Dr. Rajani Mullerpatan)*</b>
<b>Subject</b>	:	<b>Physiotherapy</b>

The PhD scholar presented the work done in last six months. The scholar explained the data analysis of the work completed. She informed that two papers have been published in Scopus/ Pubmed indexed journal. She also informed the members that only 4 post surgical cases have been found till date.

*Final Comments by the committee -*

- Go ahead with research work.



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5. Title: Maintastreaming of Microteaching as Teacher Learning Tool for postgraduate students & teachers in Health Sciences.

<b>PhD Student</b>	:	<b>Madhavi Mankar</b>
<b>Guide</b>	:	<b>(Dr. Siddharth Dubhashi)*</b>
<b>Subject</b>	:	<b>Health Profession Education</b>

The Ph D scholar presented the analysis of data, collected in last 6 months. She informed the committee that baseline data has been collected for the first objective for her Ph.D. research work. She also informed that minor correction in the title of the project had been suggested in the last SAC meeting.

***Final Comments by the committee-***

- To submit the application with previous title and current title to the Director research for amendments from Ethics committee.
- Go ahead with research work

6. Title: Evaluation of quality of services and gap in the administrative management of Mahatma Jyotiba Phule Jan Arogya Yojana (Study conducted in Raigad district)


<b>PhD Student</b>	:	<b>Rupali Gujar</b>
<b>Guide</b>	:	<b>Dr. K. R. Salgotra*</b>
<b>Subject</b>	:	<b>Hospital Administration</b>

The Ph D scholar presented the report of her research work done in the last 6 months. She explained regarding Mahatma Jyotiba Phule Jan Arogya Yojana (MJPJAY) to the members and informed that the baseline data from 100 samples at MGM Hospital, Kamothe has been collected. Data analysis was presented.

***Final Comments by the committee –***

- Go ahead with research work

Meeting was concluded at 2.00 pm with vote of thanks.

  
12/9/2019  
(Member Secretary)

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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai was held on 11<sup>th</sup> April 2018 in the Conference Hall. Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Prabha Dasila	:	Member Secretary
3. Dr. Maninder Setia	:	Member
4. Dr. N C Mohanty	:	Member
5. Dr. Mary Mathews	:	Member
6. Dr. Rani Shetty	:	Member
7. Dr. Sanjay Chauhan	:	Member
8. Dr. Bharati Bellare	:	Member
9. Dr. Rita Abbi	:	Member
10. Dr. Rajani Mullerpatan	:	Member
11. Dr. Siddharth Dubhashi	:	Member
12. Dr. Gajanan Velhal	:	Member
13. Dr. Prakash Doke	:	Member

Dr. Alaka Deshpande welcomed the committee members to the meeting.

1. Title: The effect of dual task oriented training on functional outcome and the health related quality of life in parkinson's disease.

PhD Student	:	Meruna Bose
Guide	:	Dr. Bharati Bellare*
Subject	:	Physiotherapy

The Ph.D. Student presented her synopsis. The committee asked to provide explanation on sample size. The student answered to the query.

**Final Comments by the committee –**

- Elaborate on sample size in the thesis.
- Include confidence interval for Mean as SD is too high for duration.

**Synopsis is accepted.**

2. Title: The Integration of training of Evidence Based Practice (EBP) in Physiotherapy education.

PhD Student	:	Vrushali Panhale
Guide	:	Dr. Bharati Bellare*
Subject	:	Physiotherapy

The student presented the synopsis of her research project. She explained that the analysis of data was done using framework method, to support the qualitative analysis, of the research project. The student answered to the queries asked during the presentation.

**Final Comments by the committee –**

- Final outcome of research project required in the thesis.

**Synopsis is accepted.**



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3. Title: To develop and evaluate the effect of ventilator associated pneumonia prevention protocol for nurses working in intensive care units in multispecialty hospitals in Mumbai

**PhD Student** : **Savia Fernandes**  
**Guide** : **Dr. Alope Banerjee\***  
**Subject** : **Nursing**

The Ph.D. student presented the synopsis of her research project.

**Final Comments by the committee –**

- Indicate correct symbol for chi square. (Take the symbol from MS Word)
- Synopsis is accepted**

4. Title: Effect of multipronged health awareness counseling on knowledge and practices in relation to prevention of Coronary Artery Diseases (CAD) among individuals with sedentary lifestyle living in Mumbai.

**PhD Student** : **Bharti Veer**  
**Guide** : **Dr. Jaishree Ghanekar \***  
**Subject** : **Nursing**

The Ph.D. Student presented the synopsis of her research. The student answered to the queries asked during the presentation.

**Final Comments by the committee –**

- Add a table indicating number of participates exposed to the number of risk factors.
  - Change the tables & graphs shown with Mean and SD to Median & quartile range.
- Synopsis is accepted.**

5. Title: Impact of Communication of self care management among Individuals with Diabetes Mellitus in an urban community

**PhD Student** : **Mangalam Sriram**  
**Guide** : **Dr. Prakash P Doke\***  
**Subject** : **Nursing**

The Ph.D. student presented the synopsis of her research project.

**Final Comments by the committee –**

- Use Asian guidelines instead of WHO guide lines for normal and diabetic blood sugar ranges.
  - Add a table /graphs indicating severity of diabetes mellitus in the study population.
- Synopsis is accepted.**

6. Title: Disaster Management preparedness at the selected hospitals Navi Mumbai, Identifying the Gap areas and strategies appropriate intervention measures.

**PhD Student** : **Saloni Chinmay Desai**  
**Guide** : **Dr. Prakash P Doke\***  
**Subject** : **Hospital Administration**

The Ph.D. student presented the synopsis of her research project.

**Final Comments by the committee –**

- Include the analysis showing gaps present in different hospitals under study.
  - Multiple comparisons within the same data requires Bonferroni corrections.
  - Compare the knowledge level within the group and between the group.
  - Emphasize on research findings in the discussion.
- Accepted the synopsis with suggested corrections.**



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Dr. Alaka Deshpande, the chairperson expressed her concern about reconstituting the Scientific Advisory Committee. She apprised the Registrar Dr. R.B. Goel to form the committee with members from MGM and outside who should be regular in attending the SAC meetings.

The chairperson also emphasized on attendance of the guides when their students are presenting the progress of the research project. Dr. N.C. Mohanty added that, in case the guide is not available, co-guide could monitor the research project and conduct exam for the Ph.D. Student.

Meeting was concluded at 4.30 pm with vote of thanks.



(Member Secretary)

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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai was held on 12<sup>th</sup> June 2019 in the Conference Hall. Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Sabita Ram	:	Research Director
3. Dr. Prabha Dasila	:	Member Secretary
4. Dr. Mary Mathews	:	Member
5. Dr. Gajanan Velhal	:	Member
6. Dr. Rita Abbi	:	Member
7. Dr. Sanjay Chauhan	:	Member
8. Dr. K. R. Salgotra	:	Member

Dr. Alaka Deshpande welcomed all the committee members to the meeting. Total **Ten** PhD scholars presented their research work in the meeting out of which **Four** presented the synopsis and **three** progress report. **One** PhD scholar presented the new topic for review and **two** presented their report with reference to the comments of previous meeting.

1. Title: Development and validation of information booklet for discharge planning of Acute Coronary Syndrome (ACS) patients.

PhD Student	:	Gargee Karadkar
Guide	:	Dr. Prabha K. Dasila*
Subject	:	Nursing

The Ph.D. scholar presented the synopsis of her Ph.D. thesis.

**Final Comments by the committee:**

- Reverse the bar diagram illustrated for knowledge of nurses on symptoms of ACS from highest to lowest.
- Reverse the bar diagram illustrated for components of instructions given by nurses at the time of discharge of patients from highest to lowest scores.

*Synopsis is accepted after incorporating suggested corrections.*

2. Title: Impact of antenatal counseling and breast crawl on lactation growth, development and incidence of common infections among infants.

PhD Student	:	Sindhu Thomas
Guide	:	Dr. N. C. Mohanty*
Subject	:	Nursing

The Ph.D. scholar presented the synopsis of her Ph.D. thesis.

**Final Comments by the committee –**

- Findings of the breast examination, types of nipple in both interventional and non interventional group to be explained with clarity.
- Statistical comparison for nipple confusion is required
- Initiation of breast feeding requires time breakup - less/ more or equal to 30 minutes. Actual Facts needs to be presented.
- Chart of dropouts is required
- Adequacy of Breast milk for the infants need to be justified.
- Discuss with your guide on the points discussed in the meeting and present the data in the thesis meaningfully.

*Synopsis is accepted after all the corrections advised during the meeting.*



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3. Title: Impact of specially devised intervention package on quality of life among senior citizens in slum areas of Thane district: an experimental field trial.

**PhD Student** : **Bhadrapriya Parab**  
**Guide** : **Dr. Gajanan Velhal\***  
**Subject** : **Nursing**

The Ph.D. scholar presented the synopsis of her PhD research work.

**Final Comments by the committee:**

- Make changes in the synopsis as suggested during the meeting

*Synopsis is accepted. .*

4. Title : Effect of planned teaching on the knowledge, attitude and skills of the health workers regarding care of newborn at birth in the selected tribal community of District Raigad.

**PhD Student** : **Devita Nalawade**  
**Guide** : **Dr. N. C. Mohanty\***  
**Subject** : **Nursing**

The Ph.D. scholar presented the synopsis of her Ph.D. research work.

**Final Comments by the committee –**

- Write the introduction of the synopsis highlighting the importance of Newborn resuscitation training to ASHA workers in the tribal area.
- Write the conclusions based on the objectives of study
- Improve the language used in the synopsis.

*Synopsis is accepted after necessary corrections suggested during the meeting.*

5. Title: Management of diabetes with education and involvement of spouses for lifestyle modification.

**PhD Student** : **Perpetua Fernandes**  
**Guide** : **Dr. Prabha K. Dasila\***  
**Subject** : **Nursing**

The Ph.D scholar presented the report of research work completed in last 6 months. She presented analysis of data collected for her Ph.D. research work.

**Final Comments by the committee:**

- Write clinical parameters instead of Biophysiological parameters in the objectives.
- Write in the objectives - Patients with type II diabetes instead of patients in study and control group.
- Make corrections in inclusion criteria – Write type II Diabetes, Medical college teaching hospital instead of Private Hospital
- Write Sample Technique as Purposive Random Sampling Technique.
- Make two groups – type II diabetic patients with spouse and type II diabetic patients without spouse instead of four groups.
- Present the data analysis again after making corrections suggested during the meeting.



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6. Title: Impact of traditional versus Brain Based Learning (BBL) approach on knowledge, clinical performance, motivation and self-esteem among B.Sc. Nursing students.

**PhD Student** : **Kirti M. Jamadar**  
**Guide** : **Dr. Prabha K. Dasila\***  
**Subject** : **Nursing**

The PhD scholar presented the report of the research work completed in last 6 months. She informed the committee that she has conducted Pilot Study during this period and found the tool and the intervention feasible to carry out the main study. She presented the data analysis of Pilot work.

***Final Comments by the committee –***

- Write Traditional method and brain based learning group instead of control and study group in the objective.
- Data analysis needs to be rearranged.
- Carryout the main study with changes suggested during the meeting.

7. Title : Effect of spouse support interventions on knowledge regarding fertility, stress and quality of life among infertile couples attending selected fertility centers.

**PhD Student** : **Sonali Banerjee**  
**Guide** : **Dr. Mary Mathews \***  
**Subject** : **Nursing**

The PhD scholar presented the report of the research work completed in last 6 months. She informed the committee that she has completed Yoga Teachers' training course at Sadhana Mandir Nerul and passed the exams with distinction. She informed that she conducted the Pilot Study during this period and found the tool and the intervention feasible to carry out the main study. She presented the data analysis of Pilot work.

***Final Comments by the committee –***

- Carryout the main study with suggestions advised during the meeting.

8. Title: Effect of educational intervention on knowledge regarding risk reduction and identification of early signs of stroke among hypertensive patients.

**PhD Student** : **Sucheta Yangad**  
**Guide** : **Dr. Ashok Banerjee\***  
**Subject** : **Nursing**

The PhD scholar presented the changes in the synopsis suggested in the previous SAC meeting.

***Final Comments by the committee –***

- Remove the word sudden weakness and replace with transient weakness of one side of body.
- The corrections in the synopsis were accepted.  
*Submit synopsis after incorporating the changes.*



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9. Title: Effect of structured nursing interventions on self-management behavior and health related quality of life among children with Bronchial Asthma

**PhD Student** : Deepa Awlegaonkar  
**Guide** : Dr. Mary Mathews \*  
**Subject** : Nursing

The student informed the committee about the terms and conditions put forward by Bai Jerbai Wadia Children Hospital Parel for her data collection. She was informed that the MGMIHS should sign an MOU with BJ Wadia Children Hospital. She was also informed that the Principal investigator will be from BJ Wadia Children Hospital from department of Paediatric under whom the study would be conducted.

***Final Comments by the committee***

- The PhD Scholar should inform in writing to the Guide.
- The guide will write to the Director Research MGMIHS.
- The Registrar will write to the Competent Authority, Bai Jerbai Wadia Children Hospital, Parel, Mumbai Regarding MoU and status of Principal investigator mentioning that since it is a PhD. work the scholar will have to work for herself for the research.

**For Research Review Committee Approval;**

10. Title: Effects of drumstick leaves powder supplementation on Iron Deficiency Anaemia among School Age Children in selected Government Schools of Dadra and nagar Haveli.

**PhD Student** : Amar Mulla  
**Guide** : Dr. Mary Mathews \*  
**Subject** : Nursing

The Ph.D. scholar presented the new topic for his PhD research work. He explained the reason of not continuing with his previous topic. He informed the committee that currently he is re located to Dadra and Nagar Haveli where anemia among the children is predominant, therefore he planned to carry out the research in this area. He also informed that the study has also been discussed with Dr. NC Mohanty, Professor Paediatrics, MGM Medical College Kamothe.

He expressed his interest in testing the effect of drumstick leaves powder supplementation on Iron Deficiency Anaemia. He had brought two types of biscuits prepared with Drumstick leaves powder, Moong Dal and Ragi powder. He also informed the nutritive value and iron contents in the biscuits. He circulated the biscuits to all for tasting.

***Final Comments by the committee –***

- Check the Haemoglobin classification by Indian Association of Paediatrics.
- Compare two groups. One group with Iron tablet supplementation and other on drumstick leaves powder supplementation.
- Carryout De worming of children before starting the study
- Take the children belonging to mild and moderate anemia

Meeting was concluded at 5.00 pm with vote of thanks.

  
(Member Secretary)

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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai was held on 14<sup>th</sup> December 2016 in the Conference Hall. Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Chander P Puri	:	Member
3. Dr. Prabha Dasila	:	Member Secretary
4. Dr. Prakash Doke	:	Member
5. Dr. K R Salgotra	:	Member
6. Dr. Maninder Setia	:	Member
7. Dr. Mary Mathews	:	Member
8. Dr. Rani Shetty	:	Member
9. Dr. Rajani Mullerpatan	:	Member
10. Dr. Nimain C Mohanty	:	Member
11. Dr. Sanjay Chauhan	:	Member
12. Dr. Gajanan Velhal	:	Member

Total 13 Ph.D students had presented the Progress Report of their project.

1. Title: To develop and evaluate the effect of ventilator associated pneumonia prevention protocol for nurses working in intensive care units in multispecialty hospitals of Mumbai.

PhD Student	:	Savia Fernandes
Guide	:	Dr. Alope banerjee*
Subject	:	Nursing

**Final Comments by the committee** - The student presented data of a retrospective study pertaining to the area of research. The comments of the committee are;

- Data in a table described as mean age and mean length of stay in ICU needs modification. For age median and interquartile deviation should have been used instead of mean.
- Define Complications as direct and associated complications. Prepare separate tables for both the conditions.
- For length to stay remove patients who didn't survive. Make it from amongst alive patients.
- Discuss with your Guide and have clarity in presentation and interpretation of data.
- Speed up the project





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## Minutes of the Scientific Advisory Committee (SAC)

Meeting of SAC of MGM Institute of Health Sciences, Navi Mumbai was held on **Tuesday 13<sup>th</sup> September 2016** in the MGMIHS, Conference Hall, 3<sup>rd</sup> Floor. The following SAC members and PhD Guides had participated in the meeting:

1. Dr Smita Mahale	:	Chairperson
2. Dr Alaka Deshpande	:	Member
3. Dr Abhay Chowdhary	:	Member
4. Dr Deepak Modi	:	Member
5. Dr Chander P Puri	:	Member
6. Dr V K Suri	:	Member
7. Dr Savita Shahani	:	Member Secretary
8. Dr H R Jerajani	:	Member
9. Dr Raman P Yadav	:	Member
10. Dr Ipseeta Ray	:	Member
11. Dr D S Joshi	:	Member

Dr. Smita Mahale had Chaired the meeting.

**The Committee approved the PhD Synopsis of following PhD Scholars:**

PhD Scholar	PhD Guide
1. Paresh Bhanushali	Dr. Chander P Puri
2. Allan Rodrigues	Dr Chander P Puri
3. Shoaib Haidar	Dr Manoj Chugh
4. Rajesh K Suman	Dr Ipseeta Ray
5. Vishal B Wagh	Dr A D Urhekar
6. Rakesh Prasad Sah	Dr A D Urhekar
7. Rajeev Mukhia	Dr Aruna Mukherjee
8. Mrinalini S Gaikwad	Dr Anjali Sabnis

Meeting ended with vote of thanks to the Chair.

*hgean*  
(Member Secretary)

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Minutes of the “Scientific Advisory Committee”

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai was held on 14<sup>th</sup> August 2018 in the 3<sup>rd</sup> Floor Conference Hall. Following members were present in the meeting:

- |                            |   |                  |
|----------------------------|---|------------------|
| 1. Dr. Alaka Deshpande     | : | Chairperson      |
| 2. Dr. Prabha K. Dasila    | : | Member Secretary |
| 3. Dr. Prakash Doke        | : | Member           |
| 4. Dr. K. R. Salgotra      | : | Member           |
| 5. Dr. Mary Mathew         | : | Member           |
| 6. Dr. Rajani Mullerpatan  | : | Member           |
| 7. Dr. Gajanan Velhal      | : | Member           |
| 8. Dr. N.C. Mohanty        | : | Member           |
| 9. Dr. K P Surinder Jaswal | : | Member           |
| 10. Dr. Maninder Setia     | : | Member           |
| 11. Dr. Siddharth Dubhashi | : | Member           |

The Chairperson welcomed the committee members to the meeting. Total 9 PhD scholars presented the progress report of their Ph.D. research projects.

1. Title: Effect of Planned teaching on the knowledge, attitude and skills of the health workers regarding care of newborn at birth in the selected tribal community of District Raigad.

- |             |   |                     |
|-------------|---|---------------------|
| PhD Student | : | Devita A. Nalawade  |
| Guide       | : | (Dr. N.C. Mohanty)* |
| Subject     | : | Nursing             |

The Ph.D. scholar presented analysis of data collected for Ph.D. research work. The data required logical and scientific presentation.

Final Comments by the committee –

- To check the data and present again in the next meeting.

2. Title: Long term monitoring of functional outcome of multi-level orthopedic surgeries in children with cerebral palsy.

- |             |   |                           |
|-------------|---|---------------------------|
| PhD Student | : | Triveni Shetty            |
| Guide       | : | (Dr. Rajani Mullerpatan)* |
| Subject     | : | Physiotherapy             |

The PhD scholar presented the progress of her Ph.D. research work.

Final Comments by the committee –

- Control group may be called as reference group.
- Assess the customs and care practices instead of attitude.
- Matching restricts analysis hence only marginal matching of plus or minus one year is allowed. Gender is not matched.



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3. Title : Impact of village planning need oriented community initiative to address nutritional problems among children's in the age group of 0-5 years in rural areas Vidharabh, Maharashtra.

**PhD Student** : **Amrapali Gajbhiye**  
**Guide** : **(Dr. G. D. Velhal)\***  
**Subject** : **Nursing**

The Ph.D. scholar presented the analysis of data collected for her research work.

*Final Comments by the committee –*

- Refer Hashim report for slum classification.
- Refer Government sources and find the historical data for comparison of nutritional problems
- Compare age and gender for analysis of all nutritional problems
- Display baseline, first and second quarter data using line diagram.
- Speed up the work.

4. Title: Development and validation of information booklet for discharge planning of Acute, Coronary Syndrome (ACS) patients.

**PhD Student** : **Gargee Karadkar**  
**Guide** : **(Dr. Prabha K. Dasila)\***  
**Subject** : **Nursing**

The Ph.D. scholar presented analysis of data collected for her research work.

*Final Comments by the committee –*

- Analyze frequency of tobacco consumption.
- Follow the principles of writing hypothesis.
- Speed up the work.

5. Title: Management of low birth weight infants with selected home care interventions and its impact on growth, development, morbidity and mortality after their discharge from hospital upto One year.

**PhD Student** : **Padmaja Dhawale**  
**Guide** : **(Prof. N. C. Mohanty)\***  
**Subject** : **Nursing**

The Ph.D. scholar presented the progress of her research project.

*Final Comments by the committee –*

- Make corrections in research design as one group pre and post test research design.
- Make it participants instead of subject.
- Correct the hypothesis - Intervention pertaining to home care management instead of selected home care interventions.
- Justify the reason of mortality among babies under study (Weight below and above 2000 gms.)
- Growth chart has been shown for height, weight and circumference with different scales. The units of measurement for each is different.



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6. Title: Assess the risk factors associated with myocardial infarction among 18-45 patients admitted in selected teaching hospitals of Mumbai with a view to develop an information booklet.

**PhD Student** : Subhangi R. Jadhav  
**Guide** : (Dr. Ashok Kalyanshetty)\*  
**Subject** : Nursing

The Ph.D. scholar presented analysis of data collected for Ph.D. research work.

*Final Comments by the committee -*

- Justify the precipitating factors. The explanation given was what patients were doing at the time of development of symptom. These may not be precipitating factors.
- Make correct entry in the table shown.
- Explain the risk factors in relation to food habits.
- Title may be modified as Risk factors in myocardial infarction among 18-45 patients admitted in teaching hospitals of Mumbai.
- The information Booklet should be based on the results of the study.

7. Title:- Impact of planned feeding Interventions on nutritional status and quality of life among children with cerebral palsy

**PhD Student** : Dhanraj Babu  
**Guide** : (Dr. N. C. Mohanty)\*  
**Subject** : Nursing

The Ph.D. scholar expressed his apologies for prolonged noncompliance to his research activities due to several personal reasons and promised to be regular in his work. He presented the data of pilot study.

*Final Comments by the committee -*

- Correct the research design to one group Pre test and Post test research design.
- Given a chance to complete the project in stipulated time.
- Speed up the work.

8. Title: Evaluation of Microteaching as Teaching –Learning tool for Teachers in Health Sciences.

**PhD Student** : Madhavi Mankar  
**Guide** : (Dr. Siddharth Dubhashi)\*  
**Subject** : Health Profession Education

The Ph.D. scholar presented the tool prepared for her research project.

*Final Comments by the committee -*

- Add in the title: Evaluation of Microteaching as Teaching –Learning tool for Teachers of Health Sciences Teaching Modern Medicine. (Suggested changes underlined)
- Complete the sentences in the tool and refine the language.
- Modify inclusion criteria - include only Jr. II & Jr. III.
- *Tools are accepted with suggested changes.*



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9. Title:- Patients' perceived service quality for Mahatma Jyotiba Phule Jan Arogya Yojna (A Study based in Raigad district, Maharashtra)

<b>PhD Student</b>	:	<b>Rupali Gujar</b>
<b>Guide</b>	:	<b>(Dr. K. R. Salgotra)*</b>
<b>Subject</b>	:	<b>Hospital Administration</b>

The Ph.D. scholar presented the tools of her research project which included questionnaire prepared by researcher and a standardized tool.

***Final Comments by the committee –***

- Evaluate quality of services and find gaps in the administration.
- Delete the last objective.
- Check the feasibility while selecting the hospitals.
- Contact the head quarter of MJPJY at Worli office.
- Use clear cut smiley logos used for assessing the satisfaction of patients with regard to MJPJAY.
- Modify the question as suggestion during the meeting (aim of MJPJY)
- Include a sub element of income to assess the part of income spent on cost of treatment when he went to private practitioner.
- Conduct pilot study to ascertain the feasibility of tool.
- ***Tools are accepted with suggested changes.***

Meeting was concluded at 2.30 pm with vote of thanks.

  
(Member Secretary)

### **Minutes of the Scientific Advisory Committee (SAC)**

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 14<sup>th</sup> August 2015 in the Conference Hall. The following functionaries had participated in the meeting:

1. Dr Smita Mahale	:	Chairperson
2. Dr Alaka Deshpande	:	Member
3. Dr Chander P Puri	:	Member
4. Dr Savita Sahani	:	Member Secretary
5. Dr V K Suri	:	Member
6. Dr P S Chauhan	:	Member
7. Dr Atmaram Bandivedkar	:	Member
8. Dr Deepak Modi	:	Member
9. Dr Chander Shekar	:	Member
10. Dr R S Inamdar	:	Member
11. Dr D S Joshi	:	Member
12. Dr H R Jerajani	:	Member
13. Dr Sandhya Agarwal	:	Member

Dr. Smita Mahale Chaired the meeting.

Following projects were discussed

**Title : "Development of natural dipeptidyl peptidase-4 inhibitors with cardioprotective potential in experimental diabetes"**

PhD Student	:	Manjusha K Borde
Guide	:	Dr Ipseeta Ray*
Subject	:	Pharmacology

Candidate was advised that:

- Control group should be treated by vehicle which is being used for treatment group
- Haematological parameter should be included in safety profile

It was commented by members that:

- Histology shown in presentation is not matching with the score given for them. Also advised to mention scale used for scoring tissue histology.
- Vidagliptin combine with metformin has not shown any significant difference compared to metformin alone therefore it was advised to add another group treated with only vidagliptin and test drug can be compared to it. DPP-4 inhibition should be estimated by estimating GLP levels which is more reliable parameter.



**Title : "To study effect of topical corticosteroids on blood pressure in laboratory animals and in humans"**

<b>PhD Student</b>	:	<b>Chetan S Javsen</b>
<b>Guide</b>	:	<b>Dr Y A Deshmukh*</b>
<b>Subject</b>	:	<b>Pharmacology</b>

**Candidate was advised to:**

- Mention details of methodology of steroid estimation. Dr. Chauhan asked regarding justification for use of experimental animals when all required information in this study can be obtained in human volunteer model and in patients.
- Mention the brand name of steroids used and keep the record of batch no which is used for experiment as well as retain the cash memo if the drugs are purchased from market.
- Keep uniformity for site and method of drug application.
- Age group of healthy volunteers participated in study was not mentioned.
- Results were not compiled and analyzed.

**Title: "Evaluation of multi-sized gold nanoparticles associated reproductive toxicity in male and female zebrafish (*Dani rerio*)"**

<b>PhD Student</b>	:	<b>Navami Dayal</b>
<b>Guide</b>	:	<b>Dr D S Joshi*</b>
<b>Subject</b>	:	<b>Biotechnology</b>

Candidate was advised to estimate pituitary hormones as a marker of reproductive organ dysfunction.

**Title : "Phenotypic and genotypic study of klebsiella species with special reference to virulence factors and antimicrobial resistance pattern"**

<b>PhD Student</b>	:	<b>Rakesh Prasad Sah</b>
<b>Guide</b>	:	<b>Dr A D Urhekar*</b>
<b>Subject</b>	:	<b>Microbiology</b>

Progress of the work was found satisfactory.

**Title : "Studies on the mechanism of action of homeopathic drugs on Osteoporosis in Zebra Fish Model"**

<b>PhD Student</b>	:	<b>Himanshu Gupta</b>
<b>Guide</b>	:	<b>Dr D S Joshi*</b>
<b>Subject</b>	:	<b>Genetics</b>



Advised to restructure the work and present it in next meeting

**Title : "Studies to validate safety and to understand mechanisms of ayurvedic formulation Raupy Suvarna Sootshekhar (RSS)"**

PhD Student	:	Smital Kulkarni
Guide	:	Dr Nishigandha Naik*
Subject	:	Biotechnology

Progress of the work was found satisfactory.

**Title : "Proliferative capacity and functional activity of thyroid progenitor cells in developing human fetuses". (Ethical Approval)**

PhD Student	:	Kishore Patil
Guide	:	Dr Anjali Sabnis*
Subject	:	Anatomy

Advised to consider maternal parameters during data analysis.  
Project was approved by the committee.

**Title : Differentiation of activity of tuberculosis on basis of detection of secretory lipolytic enzymes of tubercle bacilli in blood in children**

PhD Student	:	Dr Vijay Kamale
Guide	:	Dr Prisca Colaco
Subject	:	Pediatrics

Candidate was advised to follow strictly bio-safety guidelines while handling the biological material. Dr. Mahale asked that as per literature search whether biomarkers mentioned are reliable in correlating bacterial load.

**Title : " Study of plasmodium specific phospholipases A2 levels in children with malaria and co-relation of its level with severity of malaria in children"**

PhD Student	:	Dr Jeetendra Gavhane
Guide	:	Dr Nitin N Kadam
Subject	:	Pediatrics

The project work is yet to be started.



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The committee recommended for recognition as a PhD guide for following faculty members: Dr. Maninder Singh Setia, Dr Mansee Thakur and Dr Deepak Bhosle.

The meeting ended with the thanks to the chair. Date and agenda for next meeting to be decided.

*hse*

(Member Secretary)



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**Minutes of Research and Recognition Committee held on Wednesday 16<sup>th</sup> July 2014.**

Following members were present the meeting :

Dr. Prakash Doke : Chairman  
Dr. S.K. Kaul  
Dr. Chander P Puri  
Dr. Y.A Deshmukh  
Dr. Sandya Agarwal  
Dr. Bharti Bellare  
Dr. Prabha Dasilla  
Dr. Mary Mathews  
Dr. Raman P Yadav  
Dr. Rajani Mullerpatan  
Dr. G.D. Jindal  
Dr. P. S. Chauhan

PhD Student	: Rahul Bhausaheb Pandit
Guide	: Dr. Jaishree Ghanekar
Co-Guide	: Dr. Mary Mathews
Subject	: Nursing

Title: Impact of Structured Nursing Care Protocol in Prevention & Management of Pressure Ulcer among critically Ill Patients in Intensive Care Units.

**Comments & Recommendations**

Protocol for preventing pressure sores already exist. Change the contents to make it a KAP study and include study related to skin blood flow. Study not approved, revised proposal to be submitted.

PhD Student	: Gargee Karadkar
Guide	: Dr. Alaka Deshpande
Name of Co-Guide	: No Co-Guide
Subject	: Nursing



Title: Self reported experiences of patients with acute coronary syndrome and their family members in selected hospitals with a view of preparing an educational guide

#### **Comments & Recommendations**

No novelty in the proposal. Not approved, conceptualise and develop a new proposal in consultation with Guide.

PhD Student : Mrs. Suchana Roy Bhowmik  
Guide : Dr. Alaka Deshpande  
Name of Co-Guide : No Co-guide  
Subject : Nursing

Title: Transitional care strategies in reduction of physical and psychological effect among ICU patients

#### **Comments & Recommendations**

Hospitals included are D Y Patil and MGM Hospital, permissions of hospitals should be obtained. Sample size 50 (Patients and Nurses) too small. Questionnaires assessing physical and psychological effects should be developed. Two groups of subjects - Unethical. Some additional comments were:

1. More Indian data needs to be incorporated, sample size seems small to obtain statistical consideration
2. Probability sampling may be used
3. Rewrite exclusion criteria
4. Probably demographic characteristics of patients will be obtained, not the demographic data
5. Micro details of what constitutes physical and psychological effects may be crystalized earliest
6. Important is strategy, the details are not mentioned
7. The sample before and after may be made comparable, otherwise analysis will be difficult
8. Some nurses also will get change, how continuation will be ensured?
9. Which hospital/hospitals from Pune will be included?

The project was provisionally approved. Revised project proposal to be submitted.

PhD Student : Mrs. Karpagavalli K  
Guide : Rakesh Ghildiyal  
Name of Co-Guide : Dr. Mary Mathews  
Subject : Nursing

**Title:** A study to assess effectiveness of selected interventions on level of depression, stress and anxiety and coping strategies of primary caregiver's of patients with dementia in selected outpatient departments/community areas in Pune city

**Comments & Recommendations:**

Title of the topic to be reframed and shortened. Reframe objectives. Resubmit the proposal.

Some specific comments were:

1. Proposal for a guide at Mumbai to supervise study carried out at Pune?
2. Selection of care givers (based on dementia) needs to be defined better e.g. based on severity of dementia.
3. Sample size inadequate? How decided?
4. Would validated depression, anxiety scales be used for assessment/evaluation? etc.

Project proposal provisionally approved. Revised proposal to be submitted.

PhD Student	: Mrs. Sundari Apte
Guide	: Rakesh Ghildiyal;
Name of Co-Guide	: Dr. Mary Mathews
Subject	: Nursing

**Title:** Assessment of the effect of yoga, progressive relaxation therapy and motivational enhancement therapy on Quality of life, self esteem and state trait anxiety level among females in the age group of 18 - 45 years misusing substances/drugs from selected de-addiction centers of Pune city.

**Comments & Recommendations:**

Title to be shortened and reframed. Detailed methodology to be included and submitted. Sample size not mentioned. Project provisionally approved. Revised project proposal to be submitted.

**Some specific Comments:**

The proposal tries to assess the effect of various therapy on quality of life, self esteem and state trait anxiety level among female. Ample literature review on substance abuse and the effect of therapies on the various above mentioned personal traits has been listed. The literature review needs to be reorganized to describe linkage between the existing knowledge and the subject of research proposed. Also, the researchers rationale behind conducting such a study is not mentioned.

1. The research has not described the methodology, the tools/scales that would be used to collect the baseline or endline information on quality of life, self esteem and state trait anxiety level.
2. The researcher has mentioned about recruiting samples from de-addiction centers, however there is no mention of required sample size. Nor does the researcher mention about the statistical tools that would be used.
3. The logic behind administering three kinds of therapies to the research participants is not clear as there is no mention of assessing the difference between the various groups post intervention.
4. The researcher has listed 17 objectives, these needs to be condensed. The researcher needs to mention the major objective/s and provide the sub-objectives. In case the researcher does not intend to study the difference between the difference treatments, few of the objectives can be deleted. Also the objectives need to be written serially as per what will be done first.
5. The study proposal should include methodology, details on study participant inclusion exclusion criteria, study site, sample size estimation, primary objectives and secondary objectives, plan for statistical analysis.
6. Objectives should be specific and to include the important few. Rest could be incorporated as secondary objectives
7. Reference should be in format vancouver for eg
8. The concept of the study is good but should be rewritten in the light of the above comments.

<b>PhD Student</b>	<b>: Ms. Sindhu Thomas</b>
<b>Guide</b>	<b>: Dr. N C Mohanty</b>
<b>Name of Co-Guide</b>	<b>: Dr. Prabha Dasila</b>
<b>Subject</b>	<b>: Nursing</b>

**Title:** Impact of selected nursing interventions in relation to Breast Feeding on Lactation, Anthropometric Parameters and Prevalence of Infections among Mother-Infant Paris in a Tertiary care hospital at Navi Mumbai.

#### **Comments & Recommendations**

Sample size to be included. The project was approved.

<b>PhD Student</b>	<b>: Ms. Padmaja Dhawale</b>
<b>Guide:</b>	<b>: Dr. N C Mohanty</b>
<b>Name of Co-Guide</b>	<b>: Dr. Prabha Dasilla</b>
<b>Subject</b>	<b>: Nursing</b>

**Title :** Effect of selected home care interventions in relation to management of low birth weight infants on growth, development, mortality after their discharge from NICU, upto 6 months of age at the community setting in Navi Mumbai.

### Some Specific Comments :

1. The proposal is at a rudimentary stage. Needs to be further developed.
2. The objectives are too many and too ambitious.
3. Is it an observational study or an intervention trial ?
4. What is the hypothesis - needs to be clearly stated.
5. What are the outcomes ?
6. What are the inclusion criteria :
7. Selection method ?
8. Specifics of interventions ?
9. Sample size will be inadequate for assessing causes of mortality  
Ethics ?
10. Budget - is underestimated.

The project proposal provisionally approved. Revised proposal to be submitted.

PhD Student	: Mr. Dhanraj Babu
Guide	: Dr. N C Mohanty
Name of Co-Guide	: Dr. Prabha Dasilla
Subject	: Nursing

Title: Impact of planned feeding interventions on nutritional status, functional status and quality of life among cerebral palsy children with feeding difficulties in the community area of Navi Mumbai

### Comments

1. The problem of Cerebral Palsy is 1.5 - 2.5 per 1000 live births. But the proposal has quoted the incidence on page 1 as 3.3 per 1000 live births which differ from the one quoted in the next page. However there appears to be a vast variation in specific regions of the country. A through literature survey is needed.
2. It appears that the aim of the study is to study the magnitude of CP, its effects and whether intervention has a role on the functional and quality of life among the CP children. In the objective they propose to seek the causes of feeding difficulties which obviously is CP. Instead they should be looking for the extent of feeding problems.
3. It is not clear how they are going to follow-up the children in the community. At what time periods they will be following. This involves extensive field work and manpower. A little more details are needed
4. Clinical grading may be possible, but as grading into number of groups will increase, the total number of cases of CP will increase. This means that the study may take approximately 5-6 years to get meaningful conclusion in statistically meaningful numbers. The investigators should consider this.

5. It would be wise to take in all cases of CP in a limited geographical area so that the investigators can follow them up. If the CP patient comes from adjoining cities or districts or even states it would be difficult. This point also needs consideration.
6. In the inclusion criteria, 3-12 years of age are going to be included. They should be more clear about the age whether both are inclusive?
7. Moreover the problems may be different at 3yrs compared to >10 yrs. What are they going to study in children in the latter half of the age group? The parameters will definitely be different from those in the younger group. They should spell out those parameters
8. Quality of life is a broad term. They are subjective. Are there any specific points to measure? It would be better to compare if objective parameters are included.
9. Parental history is crucial. If the child with CP is with parents it would get the required care, if not what are the consequences?
10. How long are they going to intervene? Different periods of intervention will give different results. It is essential to find out the operational feasibility for studying the CP children at the end of intervention.
11. Different socio economic families will differ in the child care and hence the outcome after intervention. Have the investigators taken this fact into consideration and how to interpret the results.
12. Some objectives are overlapping. Objective No.2,3 and 4 are overlapping with objective No.5  
This may be given due consideration before finalizing the proposal.

**Comments from another reviewer:**

1. How high are the intellectual quality and merit of the study?  
The project proposal lacks novelty and intellectual quality as a Ph.D dissertation topic. However it has high clinical impact. It may not be correctly quoted, that the Indian studies are sparse on the subject. It is in abundance.
2. What is its potential Impact ?  
A number of studies have been done in this regard in the world including dissertation thesis. The ranges of potential feeding interventions for patients with CP have been evaluated by several workers, but synthesis is lacking on the efficacy, safety and applicability of these interventions. Limited information is available on the impact on long-term health outcomes, including quality of life. Hence this study may have significant potential impact.
3. How novel is the proposal? If not novel, to what extent does potential impact overcome this lack? Is the research likely to produce new data and concepts, or simply going to reaffirm the existing hypothesis?  
As defined earlier, the proposal is neither novel nor original in concept, but in view of high clinical impact research is expected to overcome this lack & may give answer to the queries, that with this dissertation, is he going to produce some new data/concepts or simply going to reaffirm the existing hypothesis?

4. Is the hypothesis valid and have you presented evidence supporting it?  
The researcher as a member of child health nursing specialty, has validated the hypothesis adequately but failed to present evidence supporting it convincingly.
5. Are the aims and objectives of the project, logical?  
They are basic and logical but the researcher needs to enumerate various feeding interventions (Surgical/Non-Surgical, eg. Supervised oral feeding, Tube feeding via g-tube with or without fundoplication), used for his proposed study.
6. Are the procedure appropriate, adequate and feasible for the research?  
With the disease prevalence of Cerebral Palsy (2.5 case / 1000 live births as quoted), sample size is statistically adequate but it may be validated by the epidemiologist/biostatistician. The methodology may include Key-Questions (KQ) developed by the researcher and each Key Question may have Population-Intervention-Comparators-Outcomes-Timing-Setting (PICOT) for validated evaluation. These are simple & feasible to develop.
7. Is the Investigators qualified? Has they shown competence, credentials and experience?  
Yes
8. Are the facilities adequate and the environment conducive to the research?  
Yes
9. The duration of the prospective study & it's adequacy for evaluating parameters.  
The researcher may ascertain adequacy of duration after nutritional intervention for correct & statistically significance of the results.
10. Over all the proposed Ph.D. dissertation project topic is acceptable with incorporation of some changes, as detailed above with consultation of the guide & clinical epidemiologist/biostatistician

Project provisionally approved. Revised proposal to be submitted.

<b>PhD Student</b>	<b>: Ms. Shubhangi R Jadhav</b>
<b>Guide</b>	<b>: Dr. Ashok Kalyanshetty</b>
<b>Name of Co-Guide</b>	<b>: Dr. Prabha Dasilla</b>
<b>Subject</b>	<b>: Nursing</b>

**Title:** Study the risk factors associated with Acute Myocardial Infarction among young adults admitted in the selected hospitals in Mumbai.

#### **Comments**

1. Too ambitious: In the sense a lot of data is planned to be obtained
2. Sample size of 200 inadequate, especially with so many variables. How decided?
3. The questionnaire needs to be validated
4. The sample size 20 for pilot not adequate.

Project provisionally approved. Revised proposal to be submitted.

PhD Student : Perpetua Fernandes  
Guide : Dr. Rekha J Ogale  
Name of Co-Guide : No Co-Guide  
Subject : Nursing

Title : Effectiveness of self-efficacy enhancing intervention program on the health behavior and health related quality of life of patients with diabetes mellitus.

**Comments & Recommendations:**

Evaluation of patients should be prolonged. Outcome measure should be appropriate. The project proposal approved.

PhD Student : Pandit Sharad Bhausaheb  
Guide : Dr. B.G. Boricha  
Name of Co-Guide :  
Subject : Nursing

Title : A cross sectional study on phenomenology of premenstrual syndrome (PMS) among college students in metropolitan city.

**Comments**

1. The criteria for diagnosis of Pre-Menstrual Syndrome (PMS) and its severity are not specified. A standardized and validated Questionnaire needs to be developed incorporating all these parameters including the specific parameters on which QOL is proposed to be evaluated.
2. Since the study involves multiple aspects of PMS, the primary and secondary objective need to be defined.
3. The sample size calculation based on the primary objective should be specified.
4. Place of study and sample population not mentioned.
5. Variables other than PMS that may influence the academic performance of students needs to be eliminated in the study design itself.
6. Students who are on medication to control PMS are required to be evaluated separately from those not on medications.

Project proposal provisionally approved. Revised proposal to be submitted.

PhD Student : Seeli Margaret S  
Guide : Dr. Alok Banerjee  
Name of Co-Guide : Dr. Mary Mathews  
Subject : Nursing

**Title :** Study to assess the effectiveness of structured teaching programme regarding knowledge and attitude on organ donation among adolescents in Haryana.

**Comments & Recommendations:**

Project was not approved as a Ph.D. research proposal. Lack of novelty and adequacy of new information being the major reasons. Conceptualise and develop a new proposal in consultation with Guide

**PhD Student** : Sanjay Sevak  
**Guide** : Dr. Rakesh Ghildiyal  
**Name of Co-Guide :** : Dr. Prabha Dasila  
**Subject** : Nursing

**Title :** Effectiveness of self help skills training on performance of activities of daily living and communication among children with intellectual disability in selected urban communities of Navi Mumbai.

**Comments & Recommendations :**

Sample size should be 200 each of the experimental and control groups, follow-up should be for a longer period. Permission of D.Y. Patil Medical College should be obtained. The project was approved.

**PhD Student** : Uma Umesh Setkar  
**Guide** : Dr. Nitin N Kadam  
**Name of Co-Guide** : Dr. Prabha Dasila  
**Subject** : Nursing

Effect of Model based nursing interventions in relation to healthy diet and healthy food habits on knowledge, attitude, practices and Haemoglobin level among students studying in selected higher secondary schools and Junior Colleges in Western sub-urban areas in Mumbai.

**Comments & Recommendations:**

Interviews should be held every month. The project proposal was approved.

**PhD Student** : Varsha Kadam  
**Guide** : Dr. Prakash Doke  
**Name of Co-Guide** : Dr. Mary Mathews  
**Subject** : Nursing

Title: The knowledge, attitude and practices (KAP) concerning cervical cancer and screening among rural women.

**Comments & Recommendations:**

The project proposal was provisionally approved. Revised proposal to be submitted.

**Reviewer Comments:**

The proposed PhD work consists of two parts. In the first part, pretest (structured questionnaire) will be given to women from selected rural areas, to collect the demographic data and to know the existing level of knowledge regarding cervical cancer, importance of Pap smear screening measures and attitude of women towards preventive aspects of cervical cancer. In the second part, through a teaching module, women from the rural areas will be taught about the importance of Pap smear screening, knowledge related to risk factors of cancer of cervix, implementation of preventive measures and attitude of women for getting Pap smear done on self. The women subjects included will be divided into two cohort groups. Group 1 consisting of women samples willing for Pap smear investigation on self and group 2 consisting of women samples not willing for Pap smear investigation.

This is an interesting educational project. However, the sample size is not mentioned as to how many rural women will be screened and educated. The questionnaire proposed to be given to the women samples would be critical. Cervical cancers are associated with HPV infection. In fact, infection with HPV is necessary for the development of precancerous lesions and progression to cervical cancer. Hence vaccination against HPV infection remains the primary method of prevention. The candidate can educate the women samples about the importance of vaccination and increasing awareness about HPV and cervical cancer association.

For a Ph.D. degree, a good amount of data analysis is required. If certain patterns of the cancer among various groups can be identified and studied, I think that would be a very useful and creditable contribution. The candidate can screen different rural areas and compare the cohort 1 and cohort 2 groups among them. Further, Pap smear results can be compared.

Overall, this is a good topic for Ph.D. as it serves a very important social cause considering a large number of cases of cervical cancer in Indian population, can be prevented with careful planning and by creating awareness among the women masses.

PhD Student	: Prof. Suniel Deshpande
Guide	: Dr. S.R. Srivastava
Name of Co-Guide	:
Subject	: Pharmaceutical Management

Title : A study on ethical to OTC conversion patterns and its impact on the consumer purchase behavior in the Indian healthcare industry.

**Comments & Recommendations:**

The proposal was provisionally approved. Revised proposal to be submitted.

1. Introduction may be more relevant
2. Maximum studies quoted are from U.S. Quote Indian studies
3. Explore conducting quantitative study
4. Explore probability sample
5. Include professionals from Pune also
6. The sample size seems small
7. As it is postal survey, tremendous lost to follow up may rise
8. How lost to follow up will be taken care?
9. How shift will be determined, as it is cross sectional study

PhD Student : Dr. Jitendra G. Bodkhe  
Guide : Dr. S.R. Srivastava  
Name of Co-Guide :  
Subject : Pharmaceutical Management

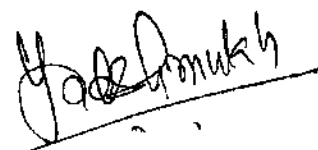
Title: The role of brand equity on prescription behavior of doctors, a comparative study of Global and Local Brands.

**Comments & Recommendations:**

The proposal was provisionally approved. Revised proposal to be submitted.

**Some Comments :**

1. It seems that only four prescriptions per doctor will be analyzed. It is very small number
2. Proposal is sketchy
3. More details are required
4. What will be implications of the findings?
5. It is well known that prescriptions are written under influence of 'n' number of factors. Will these be considered?
6. How reliable information the physicians will share?

  
Dr. Y.A. Deshmukh  
Member Secretary

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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai was held on 14th June 2017 in the Conference Hall. Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Chander P Puri	:	Member
3. Dr. Prabha Dasila	:	Member Secretary
4. Dr. Maninder Setia	:	Member
5. Dr. K. R. Salgotra	:	Member
6. Dr. Mary Mathews	:	Member
7. Dr. Rajani Mullerpatan	:	Member
8. Dr. Nimain Mohanty	:	Member
9. Dr. Rani Shetty	:	Member
10. Dr. Sanjay Chauhan	:	Member
11. Dr. Gajanan Velhal	:	Member

Dr. Alaka Deshpande welcomed the committee members to the meeting.

1. Title: Pulmonary rehabilitation of COPD patients: Impact of information booklet and demonstration of breathing techniques on knowledge and practice of patients.

PhD Student	:	Suchita Sawant
Guide	:	Dr. Jaishree Ghanekar*
Subject	:	Nursing

The student informed the committee that her data collection is in process and presented the analysis of data collected till date.

**Final Comments by the committee -**

- Data analysis presented lacked clarity.
- Language used for presentation needs to be scientific.
- Explain the basis on which the COPD patients are diagnosed.
- Very slow progress. Speed up the work and intimate the progress to the Guide and Co-guide on regular basis.
- Be reminded of maximum duration for completion of Ph.D programme as prescribed by the UGC. Speed up the work and submit your thesis within the stipulated time.



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2. Title : The integration of training of Evidence Based Practice (EBP) in Physiotherapy education.

PhD Student	:	Vrushali Panhale
Guide	:	Dr. Bharati Bellare*
Subject	:	Physiotherapy

Presented the data analysis of phase II of the research project.

*Final Comments by the committee -*

- Use map of India to place the profile of Universities and study participants indicating the status of Universities State, Deemed and Private and the faculty position in various establishments.
- Use of any direct quote in the thesis need to be placed with inverted commas.
- Suggested to use frame work method of analysis for qualitative data after grounded theory.
- Be reminded of maximum duration for completion of Ph.D programme as prescribed by the UGC. Speed up the work and submit your thesis within the stipulated time

3. Title: The effect of dual task oriented training on functional outcome and the health related quality of life in Parkinson's disease.

PhD Student	:	Meruna Bose
Guide	:	Dr. Bharati Bellare*
Subject	:	Physiotherapy

Presented the progress of data analysis.

*Final Comments by the committee -*

- Make corrections in the tables as suggested during the meeting for within and inbetween group comparison.
- Specify References for the experiment (dual task oriented training) used in the research project.
- Present the synopsis in the next meeting.



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4. Title: Impact of Communication of self care management among Individuals with Diabetes Mellitus in an urban community.

PhD Student : Mangalam Sriram  
Guide : Dr. Prakash P Doke\*  
Subject : Nursing

The student informed the committee that data collection is in process and presented the area wise description of sample for verbal and written communication i.e. Simla House, Kumbharwada and Khardanda. The committee discussed the possibilities of contamination as the data is being collected for both the interventions (Verbal and written communication) from the same area.

*Final Comments by the committee -*

- Suggested to use cluster analysis after discussing with Guide.
- Speed up the work and report the progress to the Guide and co-guide on a regular basis.
- Be reminded of maximum duration for completion of Ph.D programme as prescribed by the UGC. Speed up the work and submit your thesis within the stipulated time.

5. Title: The effectiveness of extended nursing care model on the quality of life (QOL) of Patients of Coronary Artery Bypass Graft Surgery.

PhD Student : Jyoti Chaudhari  
Guide : Dr. S. Pani  
Subject : Nursing

The student presented the work completed till date

*Final Comments by the committee -*

- Clarify the term urgent / Elective under type of surgery.
- Remove the word phases as the study has only objectives not phases.
- Speed up the work and intimate the progress to the Guide and co-guides on regular basis.



6. Title: Effectiveness of self help skills training on performance of activities of daily living and basic social skills among children with intellectual disability.

PhD Student : Sanjay Sevak  
Guide : Dr. Rakesh Ghildiyal\*  
Subject : Nursing

Presented the results of pilot study. He explained the difficulty in finding the study participants.

*Final Comments by the committee:*

- Permitted to conduct only one teaching session per child for the parents with total 5 skills in 5 sessions per child.
- Socio demographic data to be presented with revised Kuppaswamy scale.
- Figures to be presented with defined X and Y axis.
- For description of figures in the presentation - Use two different bright colours to indicate study and control group.
- Difference in performance may also be compared from baseline and every previous follow up after the intervention.

7. Title: Impact of parent - child education on physical, Psychosocial and academic performance, among internet addicted teens in selected schools of Mumbai.

PhD Student : Ferzana Begum  
Guide : Dr. Prabha K. Dasila\*  
Subject : Nursing

The student completed data collection and presented data analysis.

*Final Comments by the committee:*

- Make correction in inclusion criteria. Correct the statement as; whose parents have given consent to participate in the study for self and child.
- Internet used behaviours can be arranged as top 5 and lowest 5, arranged in descending orders.
- Give Justification / Reference for clubbing the internet used behaviour under frequently / after / always.
- Compare the gender distribution with total population and severity of internet addiction.
- Cluster analysis may be followed.



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8. Title: Impact of transitional care strategies on physical and Psychological parameters among ICU patients.

PhD Student : Suchana Roy Bhowmik  
Guide : Dr. Prabha K. Dasila\*  
Subject : Nursing

The student presented the synopsis.

*Final Comments by the committee:*

- Remove proportionate percentage from the table.
- Make corrections in the synopsis and submit the corrected copy. ✓

9. Title: Awareness, attitude and initiative for leading change in nursing education and practice among senior nursing personnel.

PhD Student : Mrs. T. Sugathan  
Guide : Dr. Mary Mathews  
Subject : Nursing

The student described the research methodology and requested changes in the protocol.

*Final Comments by the committee: Suggestions;*

- Follow the approved methodology protocol for data collection.
- Very limited progress seen. Speed up the work and intimate the progress to the Guide on regular basis.
- Be reminded of maximum duration for completion of Ph.D programme as prescribed by the UGC. Speed up the work and submit your thesis within the stipulated time.

Following Ph.D students were intimated and scheduled for presentation on 14.06.2017.

The students conveyed their inability to attend the presentation.

1. Dhanraj Babu
2. Bharti Veer
3. Manisha Pawar
4. Savia Fernandes

Dr. Chander Puri informed the members about recognition of Ph.D Nursing programme from Indian Nursing Council and complimented Nursing College for the achievement.



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He also asked Dr. Prabha Dasila to formulate the guidelines based on the norms laid down by Indian Nursing Council, incorporating the existing Ph.D guidelines of MGMIHS.

Dr. Puri also intimated the Ph.D students regarding UGC approved journals for publication of articles. He requested the SAC members to recommend the names of journals in which the Ph.D students can publish. The meeting ended at 5.00 pm.



(Member Secretary)



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**Minutes of Research and Recognition Committee Meeting  
held on 15<sup>th</sup> July 2014**

The following members attended over the meeting:

Dr. S.V. Chiplunkar : Chairperson  
Dr. S.K. Kaul  
Dr. Chander P Puri  
Dr. Y.A Deshmukh  
Dr. Prakash Doke  
Dr. Sandya Agarwal  
Dr. Bharti Bellare  
Dr. Prabha Dasilla  
Dr. Mary Mathews  
Dr. Raman P Yadav  
Dr. Rajani Mullerpatan  
Dr. G.D. Jindal  
Dr. P S Chauhan

The following research proposals of Ph.D. students were discussed and recommendations made:

PhD Student : Mrinalini Gaikwad  
Guide : Dr. Anjali Sabnis  
Co-Guide : No  
Subject : Anatomy

Title: Comparative study of umbilical cords in normal and adverse pregnancy outcome patients.

**Comments & Recommendations:**

It was pointed out that apart from umbilical cord coiling, there are many other variables which affect pregnancy outcome. The student was asked to collaborate closely with Dr. Alexandr Khurchuk of EmproCell and formulate a new format of the topic. The revised proposal to be submitted.

PhD Student : Rajeev Mukhia  
Guide : Dr. Aruna Mukherjee  
Subject : Anatomy

Title: Histogenesis of spleen and role of laminin and reticulin in epithelial morphogenesis.



**Comments & Recommendations:** The student was asked to revise / change the topic after discussion with Dr. Alexandr Khurchuk of EmproCell. Some of the suggestions were as follows: The revised proposal to be submitted.

1. Title of the project needs to include the terms "human fetal spleen". Justification for the topic and its applied implication needs to be highlighted- Why the Study?
2. The points to be covered under morphology and morphometry should be elaborated.
3. The researcher should explain how each objective will be achieved. The present proposal does not clarify so. For e.g. What is the methodology to ascertain the role of laminin and reticulin in epithelial morphology?
4. Objectives needs to be reframed.
5. The sample size is not mentioned. The age groups tabulated looks very good theoretically. How can you ascertain that you will receive aborted fetuses as per the groups mentioned? What is the time period for data collection?
6. Change Topic: "Morphogenesis of spleen and role of laminin and reticulin in epithelial histogenesis"

PhD Student : Kshitija Chandrashekar Rane  
Guide : Dr. Arvind Joshi  
Subject : Genetics

Title: Molecular characterization of Rotavirus and Norovirus in diarrhea patients in Navi Mumbai and their association with polymorphisms in fucosyltransferase 2 (FUT2) gene.

**Comments & Recommendations:**

The research proposal was approved. Some of the suggestions were: To provide detailed methodology; how the genotypic characterization and incidence of Rotavirus and Norovirus will be investigated; how the strain typing and FUT2 gene polymorphism will be done.

PhD Student : Rakesh Prasad Sah  
Guide : Dr. A.D. Urhekar  
Subject : Microbiology

Title: Phenotypic and Genotypic study of Klebsiella species with special reference to virulence factors and antimicrobial resistance pattern

**Comments & Recommendations:** The research proposal was approved.

PhD Student : Raksha  
Guide : Dr. A.D. Urhekar  
Subject : Microbiology

**Title:** Microbiological and genomic study of aspergillosis and standardization of cost effective antifungal drug susceptibility testing.

**Comments & Recommendations:**

Methodology needs to be described properly. Revised proposal should be submitted. Project provisionally approved.

**PhD Student** : Rakesh Kumar Mukhia  
**Guide** : Dr. A.D. Urhekar  
**Subject** : Microbiology

**Title:** Molecular study of Chlamydial infection in a tertiary care hospital Navi Mumbai

**Comments & Recommendations :** To write methodology properly. The research proposal was approved.

**PhD Student** : Rajesh Kumar Suman  
**Guide** : Dr. Ipseeta Ray  
**Subject** : Pharmacology

**Title:** Developing natural alternatives to synthetic Dipeptidyl peptidase IV inhibitors for diabetes with metabolic syndrome

**Comments & Recommendations :** Tunel assay for liver may be included. The research proposal was approved.

**PhD Student** : Bhagit Amita Anant Ashwini  
**Guide** : Dr. Raman P Yadav  
**Subject** : Biotechnology

**Title:** Biological synthesis of highly efficient quantum dots and its application in detection of MTB and latent TB (LTB) antigens

**Comments & Recommendations :** The proposal was approved.

**PhD Student** : Sweets Vishnu Mhatre  
**Guide** : Dr. Raman P Yadav  
**Subject** : Biotechnology

**Title:** Potent pancreatic lipase inhibitor from food plants and development of safer anti-obesity formulation

**Comments & Recommendations :** Short term experiment of 24 hours should be dropped. The plants that will be screened for their pancreatic lipase (PL) activity need to be mentioned in the study protocol. The primary objective of the study is to develop safer PL inhibitors. However the safety indicators for assessment, have not been included in the study design. 'Orlistat' a synthetic

PL inhibitor is already marketed. The unknown natural PL Inhibitors need to be compared to the known 'standard' to obtain meaningful data. A very short term animal experiment, with feeding of high fat diet merely for 24 hours and simultaneous co-administration of a single dose of the test drug, is unlikely to reflect on the hypo-lipidemic activity of the plants convincingly. The basis for selection of plants needs to be justified. Since a lot of medicinal plants are reported to possess hypolipidemic activity in the Indian System of Medicine (Ayurveda), it would be logical and resourceful to further evaluate these plants for their PL activity scientifically. The study involves use of a number of sophisticated analytical instruments and extraction procedures. Its working feasibility needs to be elaborated in the available setting.

#### Other comments:

The first objective in this proposal is exploratory in nature. Mention is made on "screening of new edible plant parts" but it is not clear as to which group of edible plants. Are they going to screen all the edible plants which is an enormous task or are they going to screen at random? They have to be more focused in their search. Have they already did some work? It is suggested that they go about in a phased manner, viz. one group of plants like *Panax japonicas* or *Platycodi radix*.

If there are already drugs available in market as stated in Page 7, are they going to identify new molecules, similar to those drugs? Are the newly identified molecules efficacy and safety going to be studied by them or are they going to only identify new molecules which are potential lipase inhibitors?

Studies have shown that lipase inhibitors work optimally when 40% of an individual's daily caloric intake is obtained from fat. Our diet is basically a carbohydrate rich diet. A typical diet usually consist 65% to 75% Carbohydrates, 20 % proteins and the remaining is fat. This may be less than 15%. Lipase inhibitors may thus have limited applications.

If new molecules are to be identified, even though of plant origin, when consumed by human in the long run, are bound to exhibit side effects. It is a wrong notion that such molecules are devoid of side effects. Any product which is not found in nature 'as such' or an edible plant product derived by extraction and concentration does give rise to side effects if consumed for long periods.

On Page 6 the prospective investigators mention "As the function of pancreatic lipase ..... with blood flowing via the circulatory system" is not clear. It would be in the interest of all, that they elaborate and make more clear.

It is clear that these type of drugs act locally only. If systemic absorption is not required for activity then this drug has to be taken along with meals/food and will have limited role. Such patients are binge eaters. So every time they eat they require to take these 'drugs' to get the desired effect. It would be interesting to see such a drug for energy restriction where the energy comes from non fat sources.

Literature shows a list of side effects which may be unpleasant and embarrassing for the sufferer. Symptoms include oily spotting, fecal incontinence, flatus with discharge and abdominal cramping. Additionally, a raise in blood pressure, dry mouth, constipation, headache, and insomnia have been reported. Malabsorption of fat soluble vitamins may develop as a result of the impaired absorption of fat, which is required for the transportation of these vitamins across the intestine to reach the blood.

Generally, side effects can be controlled by reducing the consumption of dietary fats.

It should be noted that our body has the ability to convert carbohydrates or proteins into fat and vice versa. In such situations the lipase inhibitors have no role.

The proposal needs a lot of revision and may have to incorporate some other aspects before finalizing. As of now the proposal seems to be fit to screen a few group of edible plants for the pancreatic lipase inhibitor activity.

The project proposal provisionally approved. Revised project proposal to be submitted.

PhD Student	: Jeetendra B Gavhane
Guide	: Dr. Nitin N. Kadam
Co-guide	: Dr. Raman P Yadav
Subject	: Peadiatrics

**Titel:** Study of Plasmodium Specific Phospholipases A2 levels in children with malaria and co-relation of its level with severity of malaria in children compared to adults

**Comments & Recommendations:** The research proposal was approved.

**Some of the suggestions were:**

1. Concurrent estimation of *Agent derived/secreted (Plasmodium falciparum/ Plasmodium vivax* specific Phospholipase A2) as well as host derived phospholipase A2 with respect to severity of Malaria.
2. Results to be compared with respect to age of the host (Children Vs Adults).

We understand that phospholipase A2 (PLA2), is a proinflammatory enzyme whose expression is induced by tumor necrosis factor (TNF), has been implicated in the pathogenesis of complications of the sepsis syndrome which has nothing to do with malaria parasite. Moreover, Infusion of TNF in humans was associated with marked elevations in circulating PLA2 activity (Vadas et al., 1990). I tried to align these multiple sequences using CLUSTAL W in order to find degree of homology between *Plasmodium vivax* and *Plasmodium falciparum* as well as from Host i.e. *homo sapiens*. As obvious there is certain amount of homolgy between *Plasmodium vivax* and *Plasmodium falciparum* secreted Phospholipase A2. However, both of them differ significantly from Human Phopsholipase A2. In this case the concern would be to find out an assay which should be able to distinguish between the PLA2

(host specific or Parasite specific) in complex milieu of host-parasite interactions (*In-vivo*) in infected patients. I do not think any test to distinguish *Plasmodium vivax* or *Plasmodium falciparum* specific Phospholipase A2 is available as yet. We are anyways discussing about the severity so *Plasmodium vivax* may not be important but we should consider the same looking into the possibility of mixed infections (Pv & Pf) in most of the malaria cases now a days.

I would like to draw your kind attention towards the article entitled "Induction of circulating group II phospholipase A2 expression in adults with malaria." attached herewith for your ready reference. Another related reference entitled "Increased serum phospholipase A2 activity in Malawian children with falciparum malaria" Am J Trop Med Hyg. 1993 Oct;49(4):455-9 was published by same group.

#### Further suggestions:

1. To include bit of transcriptomics (Phospholipase A2 mRNA expression analysis with respect to increasing parasitemia) and Proteomics (MALDI, 2D-DIGE etc to detect stage specific induction of Phospholipase A2 expression and its estimation).
2. Change in title of project to incorporate host and agent specific PLA2 in place of *Plasmodium* specific PLA2.

In case if required, I (Dr Manoj Chug) would be happy to help Dr. Jeetendra B. Gavhane for *Plasmodium falciparum* culture work. This would be necessary for this project to over express *Plasmodium falciparum* specific Phospholipase A2 which is feasible while doing *in-vitro* culture of *Plasmodium falciparum*.

#### Additional Comments:

The proposed PhD work is undertaken to detect the *Plasmodium* specific Phospholipase A2 (PLA2) for *vivax* and *falciparum* and its levels in complicated and uncomplicated malaria in children. Also, the relationship between PLA2 levels and severity of the disease will be established.

The project proposal is a prospective, observational and analytical study. It will help in the determination of complicated malaria cases in children at the early stage of disease so that these cases can be treated before it gets fatal. Similar study has been carried out in Malawian children with *falciparum* malaria. Their data showed the association of *P. falciparum* malaria with a markedly increased circulating PLA2, especially in patients with severe disease, as manifested by high parasite burden, anemia, coma, and death. However, there are hardly any reports available on the association of malaria with PLA2 levels. Hence, this study would certainly be useful. The objective of "quantifying the levels of Phospholipase A2" to determine the threshold levels is particularly very useful and interesting.

The number of malarial cases included in the study is 60. These cases are divided into three major groups for *P. falciparum*, *P. Vivax* and mixed malarial group, each group sub-classified into uncomplicated and

complicated malaria. It may be a good idea to increase the sample size to study the above said groups, as it can give a more meaningful conclusion.

India being a tropical country, malaria is a big menace, particularly during the rainy season. Though the implications and mechanism of the inception of malaria are well understood, several people die every year due to complications arising out of improper diagnosis. The proposed study will enhance the understanding of this disease and prevent occurrence of complications.

PhD Student	: Dr. Rakesh Tamke
Guide	: Dr. N C Mohanty
Co-guide	: Dr. Raman P Yadav
Subject	: Paediatrics

Title: To identify potential & low cost anti-malarial agent from plant sources for effective use in Resistance Malaria through modulation of drug Efflux Pump

Comments & Recommendations: The project was provisionally accepted. Revised project proposal to be submitted. Some of the specific comments are as follows:

The project aims to isolate chloroquine resistant strains of *P. falciparum* from children suffering from malaria attending the Paediatric clinic at MGM Hospital, Kamothe, Navi Mumbai. These isolates would be sensitized using mechanism based modulators/natural molecules and would be evaluated for chloroquine resistance. There is definite need for novel anti malarial compounds in view of developments of *P. falciparum* drug-resistant strains to the currently used anti malarial drugs.

**Comments :**

1. Which natural molecules from the plants (although the names of certain plants has been mentioned) would be used and how they shall be obtained?
2. How can it be presumed that the identified novel molecule useful for reverting the chloroquine resistance in a low-cost anti-malarial agent as stated in the aim.
3. Evaluation and development of a natural molecule as a drug is an expensive affair and may not result in a low-cost anti-malarial agent as stated in the aim
4. The malaria culture method does not mention the assay for determination of parasite growth.
5. A sample size of 50 proposed in the study seems to be arbitrary. A statistician needs to be consulted to sample size determination
6. The Paediatrics Department has inherent strength to isolate the chloroquine resistant *P. faciparum* strains and should collaborate with

a research institute that has facilities to evaluate plant based products against these isolates to get the maximal output from the project.

PhD Student : Dr. Vijay N Kamale  
Guide : Dr. Prisca Colaco  
Co-guides : Dr. Nitin N Kadam, Dr. N.C. Mohanty &  
: Dr. Raman P. Yadav  
Subject : Paediatrics

Title: Differentiation of activity of tuberculosis in children on basis of detection of secretory lipolytic enzymes of tubercle bacilli in blood.

Comments & Recommendations: The proposal was approved.

PhD Student : Dr. Pankaj Gopalrao Patil  
Guide : Dr. J.G. Narshetty  
Subject : Obstetrics. & Gynaecology

Title: Role of antioxidants in human cells: The sperm

Comments & Recommendationss: Lot of work has already been published. Nothing new in the topic. The proposal was not approved. Conceptualise and develop a new proposal in consultation with the Guide.

Specific comments were:

1. The aim of the proposal is to study the effect of antioxidants on routine semen parameters.
2. The proposal is not well written
3. The objectives of the proposal are not well defined and the rationale is not clear. A number of studies has been done on the effect of antioxidants on improvement of sperm parameters, hence what is new in this study is not clear. None of the lacunae put forth by the candidate will be answered by the stated objective of the study.
4. Methodology not given
5. Inclusion-exclusion criteria for participant recruitment is not mentioned. How was sample size of 50 arrived at should be mentioned.
6. It should be ascertained whether there is oxidative stress. The level of oxidative stress needs to be assessed in the spermatozoa. Since oxidative stress is known to cause sperm DNA damage that also should be assessed.
7. What antioxidants are proposed to be used should be given and their safety aspects need to be mentioned since the participants will be taking them orally.
8. The title of the proposal is not appropriate.

**PhD Student** : Dr. Shailfali Kundan Patil  
**Guide** : Dr. J.G. Narshetty  
**Subject** : Obstetrics. & Gynaecology

**Title:** Vitamin D status supplementation and outcome in obstetrics

**Comments & Recommendations:** Sample size to be increased. The research proposal was approved.

**PhD Student** : Dr. Vrushali V. Kamale  
**Guide** : Dr. B.G. Boricha  
**Subject** : Obstetrics. & Gynaecology

**Title:** Role of certain hormonal and metabolic parameters in evaluation and management of adolescent polycystic ovary syndrome.

**Comments & Recommendations:** The research proposal was approved.



Dr. Y.A. Deshmukh  
Member Secretary



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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on **16<sup>th</sup> December, 2016** at 10.30 am at 3<sup>rd</sup> Floor, Conference Hall. The following functionaries had participated in the meeting:

1. Dr Alaka Deshpande	:	Chairperson
2. Dr A Bandivdekar	:	Member
3. Dr Deepak S Joshi	:	Member
4. Dr Abhay Chowdhary	:	Member
5. Dr Savita Shahani	:	Member Secretary
6. Dr Chander P Puri	:	Member
7. Dr G D Jindal	:	Member
8. Dr D S Joshi	:	Member
9. Dr R P Yadav	:	Member
10. Dr Z G Badade	:	Member
11. Dr H R Jerajani	:	Member

Dr. Alaka Deshpande Chaired the meeting.

Following PhD students had presented the progress of research work.

**Title :** An epidemiological assessment of brucellosis and associated risk factors in South Nagpur, Maharashtra

PhD Student	:	Satish Ghugey
Guide	:	Dr. Maninder S Setia
Subject	:	Community Medicine

Dr. Jerajani suggested to get permission from concerned authorities in writing regarding the study.

Dr. Chowdhary suggested to reclassify the study areas for studying burden of human brucellosis as few households can not be termed as village. He also suggested that while



recording the history of animal contact to study population, species of animal with whom they are in contact should be recorded as well as to look for brucellosis positivity in animals for better correlation.

Dr. Shahani suggested to consult a statistician as well as discuss with the guide to reach to final sample size.

**Title :** Clinical evaluation of novel breath-based point of care titanium dioxide nanotube sensor device for the and diagnosis of pulmonary tuberculosis screening

PhD Student	:	Samir Pachpute
Guide	:	Dr A D Urhekar
Subject	:	Microbiology

Dr. Chowdhary suggested to follow up all subjects where results are different between POC breath test vs culture / POC breath test Vs GeneXpert and reconfirm the results.

**Title :** Studies on polymorphism of *fucosyltransferase -2* (FUT2) gene and its association with prevalent genotypes of rotavirus and norovirus

PhD Student	:	Kshitija Rane
Guide	:	Dr D S Joshi
Subject	:	Biotechnology

Progress of research work was found satisfactory.

**Title :** Biological synthesis of highly efficient quantum dots and its application in detection of MTB and latent TB (LTB) antigens

PhD Student	:	Amita Bhagit
Guide	:	Dr R P Yadav
Subject	:	Biotechnology

Progress of the study was satisfactory. Dr. Bandivdekar suggested to apply suitable statistics while analyzing the data. Members agreed for the use of IP10 antigen & IP10 antibodies for detection of MTB and LTB antigen.

**Title :** Age related changes in human hypothalamus - cadaveric study

PhD Student	:	Pravin Rathod
Guide	:	Dr A Mukherjee
Subject	:	Anatomy

Dr. Alka Deshpande suggested to include few brain samples of the age group below 20 Years, if possible, to detect the age when neurodegenerative changes start in hypothalamus.

Progress of research work was found satisfactory.

**Title:** Study of neuronal and glial changes in human olfactory pathway with age-A cadaveric study

PhD Student	:	Monali Sonawane
Guide	:	Dr A Mukherjee
Subject	:	Anatomy

Progress of work was found satisfactory

**Following topics presented for Research & Recognition Committee approval (Students of Batch - 2016)**

**Title :** Studies on effect of Wifi radiations on oxidative stress, diabetes status and reproductive potential in normal and diabetic wistar rats

PhD Student	:	Sasmita Barik
Guide	:	Dr Z G Badade
Subject	:	Biotechnology

Members advised to modify the title of PhD thesis which should clearly indicate that it is an experimental animal study.

The members made the following recommendations :

1. To establish animal model and how the animals will be exposed to Wifi radiations so that the results can provide information useful for extrapolation to Clinical studies.
2. To establish the effects of radiations on reproductive organs and their functions
3. To study the effects of radiations on rapidly multiplying cells
4. To study the effects of radiations on genetic functions
5. Dr. Badade, PhD Guide had briefly mentioned about studying the expression pattern of some genes in Control and Wifi exposed rats. This objective should be elaborated and incorporated
6. Members asked a justification regarding including additional group of diabetic animals.

Research Scholar was asked to re-submit the proposal after incorporating the changes as suggested by the committee.

**Title :** Isolation & characterization of multifunctional molecule from plant and its anti-diabetesity potential

**PhD Student** : **Priyanka Rathod**  
**Guide** : **Dr R P Yadav**  
**Subject** : **Biotechnology**

Members advised to mention the details of the plant which is going to be studied.

Dr. Bandivdekar advised to include few safety parameters apart from its efficacy in the study.

The proposal was approved by the Research & Recognition Committee, subject to modifications and incorporation of the suggested changes.

**Title :** Isolation of plant derived efflux pump inhibitor and its drug susceptibility potential in *plasmodium falciparum*

**PhD Student** : **Chandana Kulkarni**  
**Guide** : **Dr R P Yadav**  
**Subject** : **Biotechnology**

Members advised to mention the details of the plant which is going to be studied. It was advised to modify objective one mentioning how established method for testing drug susceptibility is modified.

The proposal was approved by the Research & Recognition Committee, subject to modifications and incorporation of the suggested changes.

*bsea*  
(Member Secretary)

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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 18<sup>th</sup> December 2015 in the Conference Hall. The following members and faculty members had participated in the meeting:

- |                           |   |                  |
|---------------------------|---|------------------|
| 1. Dr Alaka Deshpande     | : | Chairperson      |
| 2. Dr Chander P Puri      | : | Member           |
| 3. Dr Prabha Dasila       | : | Member Secretary |
| 4. Dr Prakash Doke        | : | Member           |
| 5. Dr K P Surinder Jaswal | : | Member           |
| 6. Dr K R Salgotra        | : | Member           |
| 7. Dr Rajani Mullerpatan  | : | Member           |
| 8. Dr N C Mohanty         | : | Member           |
| 9. Dr Mary Mathews        | : | Member           |
| 10. Dr Rani Shetty        | : | Member           |

Total Eleven students presented the Progress Report of their projects.

- 1) **Title** : Assess the effect of body-mind techniques and motivational interviewing on psychological parameters among substance users.

<b>PhD Student</b>	<b>: Sundari Apte</b>
<b>Guide</b>	<b>: Dr. Rakesh Ghildiyal*</b>
<b>Subject</b>	<b>: Nursing</b>

**Final Comments by the committee -**

1. As multistaged sampling is used in the study. Size effect need to be taken into consideration.
2. Findout difference in people with only alcohol or with polysubstance abuse by Layered analysis.
3. Assess the sustainability of intervention till end.



- 2) **Title:** Assess effectiveness of psycho education, deep breathing exercise and shavasana on level of selected psychological parameters among primary caregivers of patients with chronic mental illness.

**PhD Student** : Karpagavalli K  
**Guide** : Dr. Rakesh Ghildiyal\*  
**Subject** : Nursing

*Final Comments by the committee -*

1. Collect qualitative data by conducting some interviews or case studies to find out which method worked well and with whom
2. Read International Journal of Yoga published by NIMHAN.

- 3) **Title:** Access the risk factors associated with Myocardial Infarction among young adults admitted in the selected hospitals in Mumbai with a view to develop an information booklet.

**PhD Student** : Shubhangi R Jadhav  
**Guide** : Dr. Ashok Kalyanshetty\*  
**Subject** : Nursing

*Final Comments by the committee -*

1. Modify title: Write teaching hospitals instead of selected hospitals.
2. Look for documented data. Separate clinical history and risk factors.
3. Invest more time to speed up the project.

- 4) **Title:** The integration of evidence based practice in physiotherapy education.

**PhD Student** : Panhale Vrushali  
**Guide** : Dr. Bharti Bellare  
**Subject** : Physiotherapy

*Final Comments by the committee -*

1. Identify 5 best institutions offering Physiotherapy programme in India and find whether anything more than EBP in their curriculum.
2. Design of the study need to be robust. Discuss with guide to make necessary modifications and to include the concept in local and universal context.
3. Contact experts and findout their opinion during phase II of the study and identify the constraints.

- 5) **Title:** The effect of dual task oriented training on functional outcome and the health related quality of life in Parkinson's disease.

<b>PhD Student</b>	<b>: Meruna Bose</b>
<b>Guide</b>	<b>: Dr. Bharti Bellare</b>
<b>Subject</b>	<b>: Physiotherapy</b>

*Final Comments by the committee -*

1. Factor loading - Consult the experts along with statistical analysis for finalizing the deletion / retention of the item.
2. Define the Primary variable and calculate the sample size in phase II.

- 6) **Title:** Influence of various media and modes of therapeutic ultrasound in Phonophoresis.

<b>PhD Student</b>	<b>: Sreeraj S.R.</b>
<b>Guide</b>	<b>: Dr. Bharti Bellare</b>
<b>Subject</b>	<b>: Physiotherapy</b>

*Final Comments by the committee -*

1. Suggested to modify the methodology. Consult experts from Pharmacology department and Dr. (Lt. Gen.) K. R. Salgotra for guidance in redesigning the project to experiment on humans.
2. Speed up the work.

- 7) **Title:** Development and validation of information booklet for discharge planning of Acute Coronary Syndrome (ACS) patients.

<b>PhD Student</b>	<b>: Gargee Karadkar</b>
<b>Guide</b>	<b>: Dr. Alaka Deshpande</b>
<b>Subject</b>	<b>: Nursing</b>

*Final Comments by the committee - Proceed ahead.*

- 8) **Title:** Impact Transitional care strategies on physical and psychological parameters among ICU patients.

<b>PhD Student</b>	<b>: Suchana Roy Bhowmik</b>
<b>Guide</b>	<b>: Dr. Alaka Deshpande</b>
<b>Subject</b>	<b>: Nursing</b>

*Final Comments by the committee - Proceed ahead.*

- 9) **Title:** Study of mortality, morbidity and cost attributable to health care associated infections in a tertiary level health care institution.

**PhD Student** : Ginny Kaushal  
**Guide** : Dr. Prakash P Doke\*  
**Subject** : Hospital Management

*Final Comments by the committee - Proceed ahead.*

- 10) **Title:** Management of low birth weight infant with selected home care intervention and its impact on growth, development, morbidity and mortality after their discharge from hospital upto one year.

**PhD Student** : Padmaja Dhawale  
**Guide** : Dr. N C Mohanty  
**Subject** : Nursing

*Final Comments by the committee -*

1. Operationally define morbidity.
2. Findout the number of events of each morbidity throughout the period of assessment eg. number of febrile events.


- 11) **Title:** Effect of Model based interventions in relation to healthy food habits on knowledge, attitude, practices and selected biophysiological parameter among students of selected secondary school in Western suburban area in Mumbai.

**PhD Student** : Uma Umesh Shetkar  
**Guide** : Dr. Nitin Kadam \*  
**Subject** : Nursing

*Final Comments by the committee -*

1. Take 4 schools and mix the groups.
2. Speed up the work.

The meeting ended with the thanks to the chair

  
(Member Secretary)

**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai was held on 20th September 2017 at 10.00 am in the 3<sup>rd</sup> Floor Conference Hall.

Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Chander P Puri	:	Member
3. Dr. Prabha Dasila	:	Member Secretary
4. Dr. Maninder Setia	:	Member
5. Dr. K. R. Salgotra	:	Member
6. Dr. Mary Mathews	:	Member
7. Dr. Nimain Mohanty	:	Member
8. Dr. Sanjay Chauhan	:	Member
9. Dr. Gajanan Velhal	:	Member
10. Dr. Rita Abbi	:	Member

Dr. Alaka Deshpande welcomed the committee members to the meeting of the Scientific Advisory Committee. Six PhD students presented their synopsis and Two PhD students presented their research progress work during the meeting.

1. Title: Educational intervention programme regarding birth preparedness on outcome of pregnancy among primigravida women.

PhD Student	:	Supriya Chinchpure
Guide	:	Dr. Prabha K. Dasila*
Subject	:	Nursing

The Ph.D student presented the synopsis of her thesis. Synopsis accepted with minor corrections as suggested below;

**Final Comments by the committee** – Minor corrections suggested are;

- Arrange the socio demographical data according to kuppuswamy scale.
- Present the data up to only two decimal points.
- Change the regression table prepared to express the association.
- Pay attention to the language used.
- *Synopsis Accepted.*



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2. Title: A study on prescription to OTC conversion patterns and its impact on the consumer purchase behavior in the Indian healthcare industry.

PhD Student : Suniel G Deshpande  
Guide : Prof. R. K. Srivastava\*  
Subject : Pharmaceutical Management

The Ph.D student presented the synopsis. Synopsis accepted with minor changes suggested during the meeting.

*Final Comments by the committee -*

- Justify the most preferred OTC based on gender.
- Correct the term focus group and replace with indepth interview.
- *Synopsis accepted.*

3. Title: Impact of skill training programme regarding essential Obstetric & Newborn Care during labour on the competencies of Nurses in a selected rural health setup.

PhD Student : Sharad B Pandit  
Guide : Dr. B G. Boricha\*  
Subject : Nursing

The Ph.D student presented the synopsis of his thesis. Synopsis accepted with minor corrections as suggested below;

*Final Comments by the committee -*

- Make bar graph instead of line diagram for categorical data.
- Add additional table to explain the improvement in knowledge indicating No change, reduction or improvement.
- *Synopsis Accepted.*

4. Title: Impact of Parent - Child Education on Physical, Psychological and Academic Performance among internet addicted teens in selected schools of Mumbai.

PhD Student : Farzana Begum  
Guide : Dr. Prabha K. Dasila\*  
Subject : Nursing

The Ph.D student presented the synopsis of her thesis. Synopsis accepted with minor corrections as suggested below;



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***Final Comments by the committee -***

- Change the terms used as;
  - a) Motivating Replace with Facilitating.
  - b) Acquiring information instead of attaining information.
- Express Mean and SD in the tables.
- *Synopsis accepted.*

5. Title: Effect of caregivers education programme on functional status and health related quality of life among hemiplegic patients with cerebrovascular accident patients in selected hospitals.

PhD Student	:	Rahul B Pandit
Guide	:	Dr. Mary Mathews*
Subject	:	Nursing

The Ph.D student presented the synopsis of his thesis. Synopsis accepted with minor corrections as suggested below;

***Final Comments by the committee -***

- Title : Add the term hemiplegic patients with CVA  
The title with changes ; Effect of caregivers education programme on functional status and health related quality of life among hemiplegic patients with cerebrovascular accident in selected hospitals. *Submitted with minor changes*
- Mean change in the score to be tested and illustrated.
- *Synopsis accepted.*

6. Title: Comparison of verbal, written and video based health education regarding prevention and early detection of cervical cancer on knowledge, attitude and participation for cervical screening among women in hospitals of Pune.

PhD Student	:	Sita Devi Akanya
Guide	:	Dr. Prabha Dasila*
Subject	:	Nursing

The student presented the progress report of her research. Results of Pilot study presented.



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***Final Comments by the committee:***

- Tables are too confusing.
- Prepare the tables and present in the next meeting.

7. Title: The role of brand equity on prescription behavior of Doctors : A comparative study of global and local brands.

PhD Student	:	Jitendra G Bodkhe
Guide	:	Dr. S. K Srivastava*
Subject	:	Pharmaceutical Management

The student presented the progress report of his research.

***Final Comments by the committee:***

- Make corrections: Write allopathic practitioners including consultants in various speciality instead of consultant doctors.
- Speed up the research work.

8. Title: Effect of planned teaching programme on Knowledge, attitude and practices (KAP) in relation to selected aspects of cervical cancer and screening for secondary prevention among women in rural District of Raigad Maharashtra.

PhD Student	:	Varsha Kadam
Guide	:	Dr. Prakash Dake*
Subject	:	Nursing

The Ph.D student presented the synopsis of her thesis. Synopsis accepted with minor corrections as suggested below;

***Final Comments by the committee:***

- The committee suggested to present the synopsis with results of the statistical tests.
- Present the synopsis in the next meeting.

Meeting was concluded at 4.30 pm with vote of thanks by the Chairperson.

  
(Member Secretary)

**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 22<sup>nd</sup> April 2015 in the Conference Hall. The following members had participated in the meeting:

1. Dr Alaka Deshpande	:	Chairperson
2. Dr S K Kaul	:	Member
3. Dr Chander P Puri	:	Member
4. Dr Prabha Dasila	:	Member Secretary
5. Dr Rajani Mullerpatan	:	Member
6. Dr Prakash Doke	:	Member
7. Dr N C Mohanty	:	Member
8. Dr Mary Mathews	:	Member
9. Dr Bharti Bellare	:	Member
10. Dr Maninder Setia	:	Member
11. Dr Sanjay Chauhan	:	Member

Total 18 Ph.D. students were present. Sixteen presented the Progress Report of their project and two students for the Ethical Approval.

Dr. Alaka Deshpande, Chairperson welcomed the members to the meeting. Dr. Chander Puri, Pro Vice Chancellor (Research) clarified that it was essential for PhD students to publish at least one paper before the submission of synopsis of PhD thesis. He clarified that the paper has to be published in Indexed Journal (Pub med or Copernicus ). The publications are mandatory as per the UGC guidelines.

**Progress Report Presentation**

1. Title : Assess effectiveness of psycho education, deep breathing exercise and shavasana on level of selected psychological parameters among primary caregivers of patients with dementia.

PhD Student	:	Karpagavalli K
Guide	:	Dr. Rakesh Ghildiyal*
Subject	:	Nursing

**Progress report by the student** -Tool has been prepared and validated by the experts. She requested permission to expand the scope of her study by including care givers of patients with chronic mental illness instead of limiting to only caregivers of patients with dementia as it was difficult to get patients with dementia.

**Final Comments by the committee** - Permitted to change the population to Care givers of patients with Chronic Mental illness. Need to work with the guide and submit the revised synopsis after the approval from the Guide.



2. Title : Assess the effect of body-mind techniques and motivational interviewing on selected psychological parameters among female substance users.

PhD Student : Sundari Apte  
Guide : Dr. Rakesh Ghildiyal\*  
Subject : Nursing

*Progress report by the student* - Validation of tool completed. Hands on experience in motivational interviewing technique for seven days have been done at NIMHANS - CAM Center. She requested permission to conduct the research on both the genders instead of only females.

*Final Comments by the committee* - Permitted to conduct the research on both the genders. The title needs to be modified accordingly. Ethical approval from de-addiction center required.

3. Title: The effect of dual task oriented training on functional outcome and the health related quality of life in Parkinson's disease

PhD Student : Meruna Bose  
Guide : Dr. Bharti Bellare  
Subject : Physiotherapy

*Progress report by the student* - Work completed on development of questionnaire on health related quality of life using Delphi Technique. Explained how the questionnaire will be used during second phase of study.

*Final Comments by the committee* - Modify the title as development of tool is not reflected in the title. Change sampling technique from block randomization to convenience sampling.

4. Title : Influence of various media on modes of therapeutic ultrasound in Phonophoresis.

PhD Student : Sreeraj S.R.  
Guide : Dr. Bharti Bellare  
Subject : Physiotherapy

*Progress report by the student* - Presented the results of a preliminary clinical trial conducted on patients with Tennis Elbow and Trapezitis.

*Final Comments by the committee* - Members suggested to replace the term various media to Hydrophilic versus Lipophilic medium as these are the two variables of the research study.



5. Title : The integration of research training in physiotherapy education

PhD Student	: Panhale Vrushali
Guide	: Dr. Bharti Bellare
Subject	: Physiotherapy

*Progress report by student* - Reported that a desk review of Physiotherapy curriculum from various Health Science Universities in India has been done to find the component of Evidence Based Practice. Curriculums have been procured either from the websites or through contact via email.

*Final Comments by the committee* - Modify the title. Replace the word research training to Evidence Based Practice.

6. Title : Reasoning based therapeutic approach in chronic neck pain; a pragmatic study.

PhD Student	: Sibi Daniel
Guide	: Dr. Bharati Bellare
Subject	: Physiotherapy

*Progress report by student* - Data has been collected to identify which evaluation method and management protocol has an effect on each specific condition in patients having chronic neck pain. Data is yet to be analyzed.

Members discussed on term clinical reasoning mentioned in the hypothesis as it gives subjective meaning. No, concrete solution was found hence it was left as it is.

*Final Comments by the committee* - No change. To speed up the progress

7. Title : Assessment of knowledge and information needs of patients with acute coronary syndrome, their family members and nurses with a view to develop and validate the information booklet for discharge planning in selected hospitals.

PhD Student	: Gargee Karadkar
Guide	: Dr. Alaka Deshpande
Subject	: Nursing

*Progress report by student* - Structured interview schedule has been prepared for Patients, Family members of ACS patients and nurses. The tool has been given for content validity to various experts. The statistician advised to increase the sample size.

*Final Comments by the committee* - To increase the sample size to 100 in each group.



8. Title : Transitional care strategies in reduction of physical and psychological effect among ICU patients

PhD Student	: Suchana Roy Bhowmik
Guide	: Dr. Alaka Deshpande
Subject	: Nursing

**Progress Report by student** - Tool for data collection and Intensive Care Transitional Care Strategies have already been validated by experts.

**Final Comments by the committee** - To correct sampling technique and change to Convenience sampling or Consecutive Consenting Sampling as every patient is taken for the study.

9. Title : Impact of selected nursing interventions in relation to Breast Feeding on Lactation, Anthropometric Parameters incidence of common illness among infants in a tertiary care hospital.

PhD Student	: Sindhu Thomas
Guide	: Dr. N C Mohanty
Subject	: Nursing

**Progress Report by student** - Tool has been prepared and given to experts for validation. The members suggested to modify the title -Nursing Interventions in relation to Breast feeding and its impact on anthropometric parameters and incidence of common illness among infants.

**Final Comments by the committee** - Modify the title. Add an additional assessment parameter i.e. Assessment of developmental milestones of infant up to 6 months

10. Title : Effect of selected home care interventions in relation to management of low birth weight infants on growth, development morbidity and mortality after their discharge from hospital up to one year in community setting in Navi Mumbai.

PhD Student	: Padmaja Dhawale
Guide	: Dr. N C Mohanty
Subject	: Nursing

**Progress report by the student** - Informed that the tool has been prepared and is in the process of validation from experts.

The members suggested modifications in the title - Remove the words - selected, after discharge from hospital up to one year in community setting at Navi Mumbai.

**Final Comments by the committee** - Modify the title. Assess morbidity & mortality rate among Low Birth Weight infants in one year - retrospectively



11. Title : Study of mortality, morbidity and cost attributable to health care; associated infections in a tertiary level trauma care centre.

<b>PhD Student</b>	<b>: Ginny Kaushal</b>
<b>Guide</b>	<b>: Dr. Prakash P Doke*</b>
<b>Subject</b>	<b>: Hospital Management</b>

**Progress Report by the student** - Soft and hard copy of the raw data, poster prepared as per guideline by WHO and PPT for training of nurses working in ICUs was presented before the committee.

**Final Comments by the committee** -

To add in the;

Poster - post exposure prophylaxis after needle stick injury.

Questionnaire - Whether the health care workers is vaccinated for hepatitis B.

12. Title : Access the risk factors associated with Acute Myocardial Infarction among young adults admitted in the selected hospitals in Mumbai with a view to develop an information booklet.

<b>PhD Student</b>	<b>: Shubhangi R Jadhav</b>
<b>Guide</b>	<b>: Dr. Ashok Kalyanshetty*</b>
<b>Subject</b>	<b>: Nursing</b>

**Progress Report by the student** - Informed that the tool has been prepared and is being given to experts for validation. Proposal submitted to Ethical committee at KEM hospital Mumbai for ethical approval.

**Final Comments by the committee** - Modify the title by removing the word Selected. Change study design to case control study design. Control young adults with MI to Young adults without MI in 1:1 or 1:2 or 1:3 or 1:4 ratio. Consult with statistician.

13. Title : Effectiveness of self help skills training on performance of activities of daily living and communication among children with intellectual disability in selected urban communities of Navi Mumbai.

<b>PhD Student</b>	<b>: Sanjay Sevak</b>
<b>Guide</b>	<b>: Dr. Rakesh Ghildiyal</b>
<b>Subject</b>	<b>: Nursing</b>

**Progress Report by the student** - Tools and Protocol for self help skill training has been submitted to experts for validation. Some experts have advised to increase the length of the training. The sample size may be reduced. Attended Self Help skill training programme for six weeks at National institute for Mentally Handicapped regional center Navi Mumbai.

**Final Comments by the committee** - Objective one and two are dealing with Activities of Daily Living. Both may be made as one objective.



14. Title :: Effect of model based selected nursing interventions in relation to healthy food habits on knowledge, attitude , practices and selected biophysiological parameter among students of selected secondary school in Western suburban area in Mumbai.

PhD Student	: Uma Umesh Shetkar
Guide	: Dr. Nitin Kadam *
Subject	: Nursing

*Progress Report by the student* – Informed that tool has been given to experts for validation. Recipe book prepared. A small scale study in school children has been conducted.

Members discussed regarding issues in seeking blood samples from students for hemoglobin estimation.

*Final Comments by the committee* - Modify the title. Replace invasive method of Hemoglobin estimation for bio-physiological parameters with noninvasive clinical assessment for anemia. Demonstration of food preparation to the parents instead of children.

15. Title :: A study on ethical to OTC conversion patterns and its impact on the consumer purchase behavior in the Indian health care industry.

PhD Student	: Suneel G Deshpande
Guide	: Prof. R K Shrivastava*
Subject	: Pharmaceutical Management

*Progress Report by the student* - Results of data collected from 303 consumers were discussed.

*Final Comments by the committee* - Expand OTC in the title. Replace word ethical in the title with prescription. Delete Chavanprash and Pudina Hara from the questionnaire as these do not fall under OTC category.

16. Title : The role of brand equity on prescription behavior of doctors;. A comparative study of global and local brand.

PhD Student	: Jitendra G Bodkhe
Guide	: Prof. R K Shrivastava*
Subject	: Pharmaceutical Management

*Progress Report by the student* - Questionnaire has been prepared and administered for seeking responses from doctors. He expressed the difficulties in getting completed questionnaires from the speciality doctors.

*Final Comments by the committee* - Separate moderating and confounding variables - make two different models.



**Presentation For Ethical Approval**

17. Title : Effect of Nursing Audit and competency based education regarding Infection control practices during intranatal period on knowledge, attitude and practices of nursing personnel working in labour rooms of selected CHCs and PHCs of Raigad District.

PhD Student	: Manisha Kadam
Guide	: Dr. Prabha K. Dasila*
Subject	: Nursing

*Final Comments by the committee* - Approved. Maternal morbidity in relation to puerperal sepsis to be specified in the objective. Hospital practices in relation to Microbiological culture, Fumigation etc need to be incorporated in the study.

18. Comparison of verbal, written and video based health education followed by reminders regarding cervical cancer on knowledge, attitude, practices and participation in cervical cancer screening among women residing in an urban community.

PhD Student	: Seeta Devi
Guide	: Dr. Prabha K. Dasila*
Subject	: Nursing

*Final Comments by the committee*: Topic approved. Setting - hospital OPD, every women attending hospital may be included in the study. Obtain consent from participants to receive SMSs. Do not include emails.

The Chairperson expressed her concern regarding the delay in the part of students due to validation of research tools as it is an exhaustive and time consuming process. She mentioned that the students cannot proceed with the research work unless the tools have been received from the experts.

Dr Chander Puri, Pro Vice Chancellor (Research) announced forming a core committee i.e. "Committee to Develop and Validate Tools including Questionnaire for Medical and Health Research". The students will present their tools before the committee to ascertain the validity.

The meeting ended with the thanks to the chair.

  
(Member Secretary)

**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai was held on 22<sup>nd</sup> February 2017 in the Conference Hall. Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Chander P Puri	:	Member
3. Dr. Prabha Dasila	:	Member Secretary
4. Dr. Maninder Setia	:	Member
5. Dr. Mary Mathews	:	Member
6. Dr. Roshinlal Gogna	:	Member
7. Dr. Siddharth Dubhashi	:	Member
8. Dr. Nimain C Mohanty	:	Member
9. Dr. Gajanan Velhal	:	Member

Dr. Chander P. Puri Hon. Pro-Vice Chancellor (Research) welcomed all the members and introduced Dr. Siddharth Dubhashi and Dr. R. L. Gogna to the committee. He also emphasized the importance of publishing two research articles published preferably in indexed scientific journal. Total 10 Ph.D students presented the Progress Report of their project.

1. Title: Assess the effect of body-mind techniques and motivational interviewing on psychological parameters among substance users.

PhD Student	:	Sundari Apte
Guide	:	Dr. Rakesh Ghildiyal*
Subject	:	Nursing

The student presented the final data analysis of her research work.

***Final Comments by the committee -***

- Change the word Normal depression to Normal for analysis of Depression.
- Compare the perceived level of stress after each intervention by using simple bar diagrams.
- Analyse the three post tests of each intervention separately and compare between the groups as well as interventions.
- Findout the percentage of attributable impact of your study on dependent variable under study.
- Mention p value as less than instead of equal to.
- Submit the Synopsis.

2. Title : Assess effectiveness of psycho education, deep breathing exercise and shavasana on level of selected psychological parameters among primary caregivers of patients with chronic mental illness.

PhD Student : Karpagavalli K  
Guide : Dr. Rakesh Ghildiyal\*  
Subject : Nursing

The student presented the final data analysis of her research project.

*Final Comments by the committee - Minor changes suggested are;*

- Use the term study group instead of experimental group.
- Write Medical disorder / illness of care giver instead of Medical history of caregiver.
- Submit the final Synopsis.

3. Title: Impact of skill training programme regarding essential Obstetric and Newborn Care during Labour on the competencies of Nurses in a selected rural health setup.

PhD Student : Sharad B Pandit  
Guide : Dr. B G Boricha\*  
Subject : Nursing

The student presented analysis of the data collected till date. He expressed the difficulties found during pilot study for assessment of knowledge within 15 days. Hence the post test knowledge data is being collected after 30 days.

*Final Comments by the committee - Minor changes suggested are;*

- Assessment of various factors influencing the competency of nurses in study group had been illustrated using cobweb diagram. The committee deliberated on the terms used in the diagram. Instead it was suggested to use, proportionate bar diagram and use very specific terms to illustrate the competencies of nurses.

4. Title: Impact of Transitional care strategies on Physical and Psychological parameters among ICU patients.

PhD Student : Suchana Roy Bhowmik  
Guide : Dr. Prabha K. Dasila\*  
Subject : Nursing

The student presented the data collected during Phase - II, after a quick review of Phase -I data of her research project. She informed the committee that, the data collection has been completed.

*Final Comments by the committee - Suggestions;*

- Write the chapters.
- Submit the Synopsis.



5. Title: Effect of caregivers education programme on functional status and selected aspects of health related quality of life among patient with Hemiplegia due to cerebrovascular accident.

**PhD Student** : **Rahul B Pandit**  
**Guide** : **Dr. Mary Mathews\***  
**Subject** : **Nursing**

The student presented the analysis of data collected till date. The committee deliberated on the data presented by the student.

***Final Comments by the committee - Suggestions;***

- Analyse each domain of quality of life of caregivers.
- Demographic characteristics of all patients and caregivers seems to be very close, verify the data to rule out error and sources of error in the data before finalizing.

6. Title: Comparison of verbal, written and video based health education regarding prevention and early detection of cervical cancer on knowledge, attitude and participation for cervical screening among women in hospital of Pune.

**PhD Student** : **Sita Devi Akanya**  
**Guide** : **Dr. Prabha K. Dasila\***  
**Subject** : **Nursing**

The student completed the work related to her project presented till date. She played the video documentary (in Marathi language) and distributed the hard copy of script, prepared to use for verbal and written method of health education.

***Final Comments by the committee: Suggestions;***

- Use the term study group instead of experimental group.
- Add some slides (written or pictorial) on video documentary which may also provide visual impact while the doctor is explaining.
- Add an additional point that cervical cancer screening facilities are available in all the hospitals whether public or private.
- Speculum in the documentary looks very big which may be scary to the women and will have negative impact. Make it more positive.
- Check the script for spelling and culture appropriate pictures before finalization.



7. Title: Access the risk factors associated with myocardial infarction among 18-45 yrs patients admitted in the selected teaching hospitals in Mumbai with a view to develop an information booklet.

PhD Student : Shubhangi R Jadhav  
Guide : Dr. A. Kalyanshetti\*  
Subject : Nursing

The student presented the work completed till date.

***Final Comments by the committee:***

- Extensive review of literature and thorough preparation required for presenting the research project.
- Photographs during presentation should have had captions.
- Significant amount of work should have been completed by this time. Speed up the project.

8. Title: Development and validation of information booklet for discharge planning of Acute Coronary Syndrome patients.

PhD Student : Gargee Karadkar  
Guide : Dr. Prabha K. Dasila\*  
Subject : Nursing

The student presented the work accomplished till date. She also distributed the information booklets prepared for her research project. The booklets distributed were in English, Marathi and Hindi languages.

***Final Comments by the committee:***

- Speed up the project.
- Go ahead with data collection process.

9. Title: Management of low birth weight infant with selected home care interventions and its impact on growth, development, morbidity and mortality after their discharge from hospital upto one year.

PhD Student : Padmaja Dhawale  
Guide : Dr. N C Mohanty\*  
Subject : Nursing

The student presented the analysis of data collected in last 6 months.

***Final Comments by the committee: Suggestions;***

- Express gestation wise developmental milestone using tables / diagrams.
- Modify the language used for the word Pass and Fail. Replace them with other terms and keep Pass / Fail in bracket as these are part of standardized tool.
- Make corrections in Research Design as discussed during the meeting.



**For validation of tool :**

10. Title: Management of diabetes with education and involvement of the spouse for lifestyle modification.

<b>PhD Student</b>	:	<b>Perpetua R Fernandes</b>
<b>Guide</b>	:	<b>Dr. Prabha K. Dasila*</b>
<b>Subject</b>	:	<b>Nusing</b>

The student presented the title, objectives and tools for her research project for validation of tool.

***Final Comments by the committee: Suggestions;***

- Add few questions on alcohol associated with Diabetes.
- Mention the scoring criteria of Risk assessment model for development of complications. Findout justifiable reference for this tool.
- Pilot test the standardised tools before proceeding to ensure its feasibility in Indian setting.
- Speed up the project.

The meeting ended with thanks to the chair. Date and agenda for next meeting to be decided.



(Member Secretary)

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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 22<sup>nd</sup> June 2016 in the Conference Hall. The following functionaries had participated in the meeting:

1. Dr Alaka Deshpande	:	Chairperson
2. Dr Chander P Puri	:	Member
3. Dr Prabha Dasila	:	Member Secretary
4. Dr Mary Mathews	:	Member
5. Dr Rani Shetty	:	Member
6. Dr Nimain C Mohanty	:	Member
7. Dr Sanjay Chauhan	:	Member

Total 10 Ph.D students were presented the Progress Report of their project.

Title : Assess the effect of body-mind techniques and motivational interviewing on psychological parameters among substance users

PhD Student	:	Sundari Apte
Guide	:	Dr. Rakesh Ghildiyal*
Subject	:	Nursing

**Final Comments by the committee –**

- Categorize the data to older and younger age group in analysis.
- Findout the reasons of reluctance in following interventions.

Title : Assess effectiveness of psycho education, deep breathing exercise and shavasana on level of selected psychological parameters among primary caregivers of patients with chronic mental illness

PhD Student	:	Karpagavalli N
Guide	:	Dr. Rakesh Ghildiyal*
Subject	:	Nursing

**Final Comments by the committee –**

- Consider only caregivers not the patients.
- Proof read the presentation slides before presenting in the meeting.



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Title : Effectiveness of assertiveness training on dating violence amongst college students.

PhD Student	:	Jeysudha
Guide	:	Dr. Rakesh Ghildiyal*
Subject	:	Nursing

***Final Comments by the committee:***

- Include the colleges from each ward and all the streams equally.
- Refer the modules prepared by Govt. organization which are India specific e.g. NACO.
- Speed up the study.

Title : Impact of transitional care strategies on physical and psychological parameters among ICU patients

PhD Student	:	Suchana Roy Bhowmik
Guide	:	Dr. Prabha Dasila
Subject	:	Nursing

***Final Comments by the committee:***

- Remove the word experimental group and replace with study group.
- Proof read the slides before presenting in the meeting. Improve the language.

Title : Development and validation of information booklet for discharge planning of Acute Coronary Syndrome (ACS) patients.

PhD Student	:	Gargee Karadkar
Guide	:	Dr. Prabha Dasila*
Subject	:	Nursing

***Final Comments by the committee:***

- Modify the scoring category for analysis of knowledge scores nurses as well as patients.
- Make subgroups of patients in the analysis e.g. Unstable Angina, MI etc.
- Modify the booklet and get it validated.



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**Title :** Assess the risk factors associated with myocardial infarction among 18-45 years patients admitted in selected hospitals of Mumbai with a view to develop an information booklet

**PhD Student** : Shubhangi Jadhav  
**Guide** : Dr. Ashok Kalyanshetty  
**Subject** : Nursing

***Final Comments by the committee:***

- Change the order of objectives.
- Carryout age and gender matching in experiential and control group.

**Title :** Effect of caregivers education programme on functional status and selected aspects of health related quality of life among cerebrovascular accident patients in selected hospitals

**PhD Student** : Rahul B Pandit  
**Guide** : Dr. Mary Mathews\*  
**Subject** : Nursing

***Final Comments by the committee:***

- An experimental study design, carryout randomization of subjects.
- Modify the title as; Effect of caregivers education programme on functional status and selected aspects of health related quality of life among patients with hemiplegia due to cerebrovascular accident.

**Title :** Impact of skill training programme regarding essential obstetric & newborn care during labour on the competencies of nurses in a selected rural health setup

**PhD Student** : Sharad B Pandit  
**Guide** : Dr. B G Boricha\*  
**Subject** : Nursing

***Final Comments by the committee:***

- Change the nomenclature for post test in control group.
- Use the nomenclature as study group instead of experimental group.
- Is 40% subjects for live demonstration during post test in acceptable? Consult the statistician.
- Findout the reliability of observation checklist.



**Title :** Study of mortality, morbidity and cost attributable to health care associated infection in a tertiary level health care institution.

<b>PhD Student</b>	:	<b>Ginny Kaushal</b>
<b>Guide</b>	:	<b>Dr. Prakash P Doke*</b>
<b>Subject</b>	:	<b>Nursing</b>

***Final Comments by the committee:***

- Findout infection control practices of health care professions in the ICU.
- Include microbiological data eg. Cultures.
- Modify the words - Identified ICU instead of selected ICU.
- Work sampling – antibiotic policy.

**Title :** Management of low birth weight infants with selected home care interventions and its impact on growth, development, morbidity and mortality after their discharge from hospital upto one year.

<b>PhD Student</b>	:	<b>Padmaja Dhawale</b>
<b>Guide</b>	:	<b>Dr. Nimian C Mohanty*</b>
<b>Subject</b>	:	<b>Nursing</b>

***Final Comments by the committee:***

- Ask for objective evidence for morbidities from the parents eg. Doctor's notes, Prescription etc.
- Proof read the slides before presenting in the meeting.
- Carryout post test immediately after intervention and retention after one month when visiting the LBW infant at home.

The meeting ended with the thanks to the chair. Date and agenda for next meeting to be decided.

  
(Member Secretary)



## MGM INSTITUTE OF HEALTH SCIENCES

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### Minutes of the Scientific Advisory Committee (SAC)

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 22<sup>nd</sup> June 2017 at 10.00 am in the Conference Hall. The following members had participated in the meeting:

1. Dr S V Chiplunkar	:	Chairperson
2. Dr. Atmaram Bandivdekar	:	Member
3. Dr. Deepak Modi	:	Member
4. Dr. Deepak Sudhakar Joshi	:	Member
5. Dr Chander P Puri	:	Member
6. Dr. V K Suri	:	Member
7. Dr. Raman P Yadav	:	Member
8. Dr. Ravindra Inamdar	:	Member
9. Dr. D S Joshi	:	Member
10. Dr. H R Jerajani	:	Member
11. Dr. G D Jindal	:	Member
12. Dr. Savita Sahani	:	Member Secretary
13. Dr. Z G Badade	:	Member
14. Dr. RitaAbbi	:	Member

The following decisions were taken:

#### Anticancer effects of papaya carica in experimental induced mammary tumors in rats

PhD Student	:	Gurudatta
Guide	:	Dr. Y A Deshmukh
Subject	:	Pharmacology

Dr. Y A Deshmukh (Guide) could not participate in the meeting. Mr. Gurudatta was given second opportunity to present the Synopsis of his PhD work. However, the candidate was unable to provide convincing replies to most of the questions related to methodologies and procedures used in implementing the research objectives. He was unable to present the methodology related to calculation



of LD 50 dose, including effective dose finding and safety profile studies. Similar he did not know the methods used for phytochemical analysis, estimation of CA 15-3 and LDH. The breast tissue histological photographs were not clear and members advised to present photographs with higher magnification for better clarity. Candidate could not even explain his observations from histopathological photographs. In spite of the fact that Mr Gurudatta had presented the synopsis second time, the members gave him yet another opportunity and recommended that all the suggestions be incorporated and Synopsis presented again. The members also suggested that Mr Gurudatta should do more comprehensive reading not only related to the PhD topic but on broader aspect in the area of work. Synopsis in the present form was not approved.

Title : Study of Chlamydia trachomatis and Chlamydia specific immune response and its association with vaginal flora patterns among women attending a tertiary care hospital in Navi Mumbai

PhD Student	:	Mrinangka Deb
Guide	:	Dr. A D Urhekar
Subject	:	Microbiology

Members suggested:

- Prevalence of infection in study population using two different test ie. PCR/ IGG may give variable results as they become positive at different stage of infection therefore both the test can't be compared.
  - As the sample size is small dividing them into subgroups may not give reliable results.
  - In Infertility group( group 2 )details regarding cause of infertility must be obtained.
  - Correlation coefficient of IGG vs HSP to be calculated
  - Candidate presented new PCR data after modification of methodology which was advised in previous SAC.
  - Candidate was suggested to incorporate the above suggestions.
- Synopsis was approved.

Title : GAD-65 Autoantibodies as a Novel Marker in the Diagnosis of latent autoimmune diabetes in adults

PhD Student	:	Preeti Pachpute
Guide	:	Dr. Z G Badade
Subject	:	Biochemistry

Candidate was advised to analyse data again using regression analysis.

Synopsis was approved.

Title : Pattern of sleep in Type II diabetics patients

PhD Student : Santosh Saha  
Guide : Dr. R S Inamdar  
Subject : Physiology

Candidate was asked to improve on graphs and use proper statistics to bring more clarity in results.

The synopsis was approved.

Title : Studies on the mechanisms of action of homeopathic drugs on osteoporosis in Zebra Fish Model

PhD Student : Himanshu Gupta  
Guide : Dr. Mansee Thakur  
Subject : Genetics

Candidate was advised to add another group with equimolar concentration of calcium to rule out effect of calcium present in Tincture / vehicle

Title : Study of effect of iron nanoparticles on Iron Deficiency Anaemia using rat model

PhD Student : Smital Kulkarni  
Guide : Dr. Mansee Thakur)\*  
Subject : Biotechnology

Progress of work was satisfactory

Title : Study of sympathetic and parasympathetic activity in controls and hypertensive subject

PhD Student : Manasi S Sawant  
Guide : Dr. G D Jindal  
Subject : Biotechnology

Members advised to increase age of inclusion criteria to 18 years onwards so that consent given by participants is legal. Health status of all the cases may be recorded.

Title : Association of circulating microRNAs and Irisin Peptide with risk of Myocardial Infarction

PhD Student : Santosh Gawali  
Guide : Dr. Z G Badade  
Subject : Biochemistry

Candidate was advised to:

- Include only participants with history of angina pectoris in high risk group participants
- Observe if there is any correlation between severity of disease with hsTnT levels.
- Observe if there is any correlation between markers during acute phase and post MI period
- More details may be obtained from participants from non cardiac group to correlate the findings.

Title : Estrogen receptor-1 polymorphism and osteoprotegerin gene polymorphism in postmenopausal women

PhD Student : Sneha Pawar  
Guide : Dr. Z G Badade  
Subject : Biochemistry

Candidate was advised to remove part of study where facts have already established. Request of the candidate for permission to remove estimation of BMD from study design due to financial constraint was not honored. Candidate was advised to look for financial help from University / other sources to complete the work.

Date and agenda for next meeting to be decided.

  
(Member Secretary)



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**Minutes of Research and Recognition Committee Meeting**

Meeting of the Research and Recognition Committee (RRC) of MGM Institute of Health Sciences, Navi Mumbai was held on 23.2.15 in the Conference Hall. The following functionaries had participated in the meeting:

- |                             |   |                  |
|-----------------------------|---|------------------|
| 1. Dr S V Chiplunkar        | : | Chairperson      |
| 2. Dr Chander P Puri        |   |                  |
| 3. Dr Z G Badade            |   |                  |
| 4. Dr Ipseeta Ray           | : | Member Secretary |
| 5. Dr V K Suri              |   |                  |
| 6. Dr. Oleksandr Kukharchuk |   |                  |
| 7. Dr J M Deshpande         |   |                  |
| 8. Dr G D Jindal            |   |                  |
| 9. Dr Deepak Modi           |   |                  |
| 10. Dr Chandrashekar        |   |                  |
| 11. Dr Ravindra Inamdar     |   |                  |
| 12. Dr D S Joshi            |   |                  |
| 13. Dr Sandya Agarwal       |   |                  |
| 14. Dr Raman P Yadav        |   |                  |
| 15. Dr Antony Herold Prabhu |   |                  |
| 16. Dr. Abhijit Jadhav      |   |                  |

**Proceedings**

Dr Chander Puri, the honorable Pro-VC, briefly outlined the objectives and process of PhD Program. He highlighted the initiatives taken by the University to improve quality of research. He reiterated that the concept notes of proposed PhD work should be cleared in the RRC on merit, further refining would be during the Scientific and Advisory Committee (SAC) presentations; where the PhD students have to present the progress of their work every six monthly.

## **Projects discussed:**

1. **Title:** Studies to validate safety and understand mechanism of Ayurvedic formulation Raupya Suvarna Sootshekhar (RSS) and its therapeutic metallic ingredients used for neural development and therapy.

<b>PhD Student</b>	: Ms. Smital Kulkarni
<b>Guide</b>	: Dr. Nishigandha Naik
<b>Subject</b>	: Biotechnology

### **The following modifications were suggested:**

- a. The proposed mechanism by which Raupya Suvarna Sootshekhar (RSS) would be producing its actions needs to be spelt out, in the protocol. The pathways involved in the pharmacological actions produced by RSS should be elaborated for better understanding
- b. Justification for undertaking the study in the zebra fish and not in rodents (Mice, rat) needs to be included in the protocol.
- c. The available toxicity data, if any of RSS should be incorporated in the protocol.

**The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested changes.**

2. **Title:** Study of sympathetic and parasympathetic stimulation in healthy and diseased subjects.

<b>PhD Student</b>	: Ms. Manasi S Sawant
<b>Guide</b>	: Dr. G D Jindal
<b>Subject</b>	: Biotechnology

### **The following modifications were suggested:**

- a. A large number of variables such as severity of disease, gender, age, medicines etc can influence the study results. It was felt that the hypothesis of the study was not strong enough. It would be difficult to arrive at a conclusion, with such a small sample size. It was therefore suggested to calculate the sample size for the study in consultation with a statistician, in order to increase the scope of the study.
- b. The investigator needs to focus on any one disease rather than six independent diseases as committed in the protocol, to be able to arrive at a meaningful conclusion.

- c. Questionnaire needs to be modified rectifying the large number of typographical mistakes which were noticed.
- d. According to the protocol, the entire clinical data is proposed to be collected at a separate Institute. It was suggested that the involvement of host Institute should be strengthened in the study by including a Co-guide from the clinical side and clinical material from MGM Medical College, itself.

**Provisional approval was granted. The research proposal needs to be modified incorporating the details of methodology and suggested changes. The modified proposal however, needs to be submitted for reconsideration.**

- 3. Title: Molecular study of chlamydial infection in a tertiary care hospital, Navi Mumbai.**

<b>PhD Student</b>	<b>: Mr. Mrinangka Deb</b>
<b>Guide</b>	<b>: Dr. A D Urhekar</b>
<b>Subject</b>	<b>: Microbiology</b>

**The following modifications were suggested:**

- a. The sample size of 100 is inadequate keeping in mind the low prevalence rate of chlamydial infections besides difficulties in culture. The sample size needs to be re-calculated.
- b. The study duration for collection of samples needs to be defined, minimum for two to three years in order to strengthen the hypothesis was suggested.
- c. The project needs to be put in proper prospective as it lacks the research component. The methods used for diagnosis of Chylamdia may not be available in the present set up but are all established methods with known advantages and disadvantages. Instead of selecting all three methods for diagnosis of Chylamdia, only one method be focused and a novel research component added.
- d. Experts already working in this area be included as Co-Guide

**The proposal was provisionally approved by the RRC in the present form. The modified proposal incorporating the details of methodology and suggested changes be submitted, for reconsideration.**

- 4. Title: Identification of campylobacter from fecal specimens by conventional & molecular methods.**

<b>PhD Student</b>	<b>: Ms. Asharani Tatoba Kore</b>
<b>Guide</b>	<b>: Dr. A D Urhekar</b>

**Subject** : Microbiology

**The following modifications were suggested:**

- a. Research question for the study is lacking which needs to be defined. Establishment of a facility for the identification of campylobacter is not enough for the award of PhD degree.
- b. The sample size, study design needs to be strengthened.
- c. The inclusion of gastroenterologist in the study may be useful to increase the clinical applicability of the project
- d. Analysis of water samples for detection of campylobacter is not reflected in the title. It has not been clarified as to how the researcher plans to establish a cause and effect relationship. The title therefore needs to be modified appropriately.
- e. The effect of virulence factors, GB syndrome and its association with campylobacter may be studied

**The research proposal needs to be modified suitably incorporating details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested change as above.**

5. **Title:** Studies on the mechanism of action of homeopathic drugs on osteoporosis in zebra fish model.  

<b>PhD Student</b>	: Ms. Himanshu R Gupta
<b>Guide</b>	: Dr. D S Joshi
<b>Subject</b>	: Genetics

**The following modifications were suggested:**

- a. The method to establish osteoporosis in zebra fish needs to be defined in the study protocol. The end point measurement for osteoporosis in zebra fish should be strengthened.
- b. The effect of test drugs on bone density, osteoblast and osteoclasts may be included in the study to be able to elucidate their mechanism of action as defined in the study title. Osteoblast and osteoclasts may be generated from CD 14 precursor cells.
- c. The method for extraction of RNA for the study of BNP1 protein needs to be included in the protocol.

- d. If possible, simultaneous study of osteoporosis in mice may be done as osteoporosis in mice is a standard and reproducible experimental model widely used in laboratories around the world.

The research proposal needs to be modified significantly incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested change as above.

**6 Title: Morphogenesis, histogenesis and immunohistochemical study of thyroid gland in fetus at different gestational ages.**

<b>PhD Student</b>	<b>: Mr. Kishor Patil</b>
<b>Guide</b>	<b>: Dr. Anjali Sabnis</b>
<b>Subject</b>	<b>: Anatomy</b>

The following modifications were suggested:

- The Project needs to be refined significantly. The study design needs to be drastically modified. A Co-Guide with the expertise in stem cell therapy may be useful in giving technical inputs so vital in this study.
- The inclusion of thyroid cancer specimens is not a part of the study objectives.
- Flowcytometry would be a more ideal technique to study PCNA and Ki-67 compared to immunohistochemistry.

The research proposal needs to be modified drastically incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested change as above.

**7 Title: Histogenesis and immune-histochemical study of retina in fetuses at different gestational ages.**

<b>PhD Student</b>	<b>: Mr. Prakash Mane</b>
<b>Guide</b>	<b>: Dr. Anjali Sabnis</b>
<b>Subject</b>	<b>: Anatomy</b>

The following modifications were suggested:

- It would not be possible to comment on retinopathy of prematurity from the study findings. Results can only provide evidence on the retina development. Therefore retinopathy of prematurity does not fall in the scope of the study
- The retina development starts at 4<sup>th</sup> week of gestation. If possible the Investigators may also include fetus from 4<sup>th</sup> week of gestation onwards.
- The fetus for study of different organs may be shared among the investigators in order to make optimum use of fetal material.

d. A Co-Guide with the expertise in this field may be included in the study.

The research proposal needs to be modified drastically incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested change as above.

- 8 Title: Association of circulating microRNAs, single nucleotide polymorphisms and irisin peptide with risk of myocardial infraction.

PhD Student	: Dr. Santosh Shivaji Gawali
Guide	: Dr. Z G Badade
Subject	: Biochemistry

The following modifications were suggested:

- The sample size (30) is inadequate to detect any association of circulating microRNAs, single nucleotide polymorphisms and irisin peptide in myocardial infraction. The sample size needs to be recalculated. A statistician may be consulted to calculate the sample size keeping in mind the objectives and power of the study
- A cardiologist may be included as a Co-Guide in the study as his inputs may be required for interpretation and analysis of the study results.

The research proposal needs to be modified by incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested change as above.

- 9 Title: GAD-65 autoantibodies as a novel marker in the diagnosis of latent autoimmune diabetes in adults (LADA).

PhD Student	: Dr. Preeti Samir Pachpute
Guide	: Dr. Z G Badade
Subject	: Biochemistry

The following modification was suggested:

- The cross reactivity of the antigens needs to be checked from the available scientific evidence before proceeding with the study.

The proposal was approved by the RRC subject to the incorporation of the suggested change as above.

- 10 Title: Estrogen receptor -1 polymorphism and osteoprotegerin gene polymorphism in post-menopausal women.

PhD Student	: Ms. Sneha Dipak Pawar
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**Guide** : Dr. Z G Badade  
**Subject** : Biochemistry

**The following modifications were suggested:**

- a. The study groups need to be modified. Instead of including pre and peri-menopausal women who are not age matched with post-menopausal women, it would be appropriate to have only two groups for the study: Age matched post-menopausal women with and without osteoporosis.
- b. To study SNP's, PCR would be an ideal method and can be undertaken in collaboration with National Institute for Research in Reproductive Health, Mumbai

**The research proposal needs to be modified by incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested change as above.**

**11 Title: Study of amylin and inflammatory markers of coronary artery disease with type 2 diabetes mellitus.**

**PhD Student** : Ms. Yogita Suresh Phapale  
**Guide** : Dr. Z G Badade  
**Subject** : Biochemistry

**The following modifications were suggested:**

- a. Inflammatory marker hs-CRP may be included in the study design as it is an established index of inflammation in the clinical setting in addition to TNF alpha and IL-1 committed in the study protocol.

**The proposal was approved by the RRC.**

**12 Title: Embryogenesis of Human Gonads.**

**PhD Student** : Dr. Sumi Elizebeth Reny  
**Guide** : Dr. Aruna Mukherjee  
**Subject** : Anatomy

**The proposal was approved by the RRC.**

**13 Title: Pattern of Sleep in Type II Diabetes Mellitus**

**PhD Student** : Mr. Santosh Kumar Sah  
**Guide** : Dr. Ravindra Inamdar  
**Subject** : Physiology

**The following modifications were suggested:**

- a. The effects of other variables like medications (antipsychotics, antihistamines), complications of diabetes (neuropathy) that can influence the sleep pattern needs to be ruled out in the study design
- b. Estimation of melatonin, key hormone involved in regulating circadian rhythm; in the serum of diabetic patients would provide valuable information regarding the sleep pattern and therefore should be included in the study protocol.

The research proposal needs to be modified by incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested change as above.

- 14 Title: Inhibition studies on Plasmodium falciparum specific enzymes with antiplasmodial agents.

PhD Student	: Ms. Upasana S Singh
Guide	: Dr. Raman P Yadav
Subject	: Biotechnology


The following modifications were suggested:

- a. Rationale for screening the selected antimicrobial agents (committed in the study protocol) for their antimalarial activity needs to be elucidated in the study design.
- b. Instead of going for inhibition studies first followed by in silico studies the reverse (in silico followed by enzyme inhibition studies) may be more useful in accomplishing the study results. This is because the active site of the three enzymes may not share complete homology with the humans. Identify common sites of the three enzymes and generate multifunctional molecules based on structure activity relationships.

The research proposal needs to be modified by incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested change as above.

The meeting ended with the thanks to the chair

Date and agenda for next meeting to be decided.

  
(Member Secretary)  
3/2/15

## Minutes of the Scientific Advisory Committee (SAC)

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 23<sup>rd</sup> November 2016 in the Conference Hall. The following functionaries had participated in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr Chander P Puri	:	Member
3. Dr Prabha Dasila	:	Member Secretary
4. Dr Prakash Doke	:	Member
5. Dr Surinder Jaiswal	:	Member
6. Dr Rani Shetty	:	Member
7. Dr Mary Mathews	:	Member
8. Dr Rajani Mullerpatan	:	Member
9. Dr N C Mohanty	:	Member
10. Dr. Sanjay Chauhan	:	Member
11. Dr. Gajanan Velhal	:	Member

**Total 09 PhD students were presented the Progress Report of their project.**

1) Title: Effect of squatting on knee articulate cartilage in healthy adults.

PhD Student	:	Bela Agarwal
Guide	:	Dr. Rajani Mullerpatan
Subject	:	Physiotherapy

### *Final Comments by the committee –*

- Vitamin D test to be done for all the participants, to check the muscle strength.
- Sweat analysis as a exploratory part no need to add in the thesis.
- RA & other tests to be omitted.

2) Title: Educational intervention programme regarding birth preparedness on "outcome of pregnancy among Primigravida women".

PhD Student	:	Supriya Chinchpure
Guide	:	Dr. Prabha Dasila
Subject	:	Nursing

### *Final Comments by the committee:*

- Carryout factor analysis for association.
- Regroup the outcome of pregnancy with similar characteristics for analysis.
- List out the outcome variables affected by the study e.g. ANC follow up, B.P and Hemoglobin estimation.
- Source of information may be categorized as Print media, visual and digital media instead of news papers, Television, Internet etc.
- Reanalyze to express multiple answers given by the participants.

- 3) Title: Effect of educational intervention on knowledge regarding Risk reduction and identification of early signs of stroke among hypertensive patients.

PhD Student : Sucheta Yangad  
Guide : Dr. Alope Banerjee  
Subject : Nursing

Pilot study results presented.

*Final Comments by the committee:*

- Instead of block randomized design for sample selection carryout simple random sampling.
- Clarify with your guide for early signs of stroke. Restructure tool, objective and data plan if required.
- Prepare a comprehensive analysis plan.

- 4) Title: Impact of specially devised intervention package on quality of life among senior citizens in slum areas of Thane district: an experimental field trial.

PhD Student : Bhadrapriya Parab  
Guide : Dr Gajanan Velhal  
Subject : Nursing

*Final Comments by the committee:*

- Categorize the health problems. It should be inline with the objectives of the study.
- Refer WHO classification for mobility and musculoskeletal conditions.
- Use rational approach for classification of multiple illness.
- Modify the words to No formal education instead of informal education, retired instead of unemployed.
- Findout individual income also apart from family income.

- 5) Title: Impact of village based planning - need oriented community initiative to address nutritional problems among children in the age group of 0 to 5 years in rural areas, Vidarbha, Maharashtra.

PhD Student : Amarapali Gajbhiye  
Guide : Dr Gajanan Velhal  
Subject : Nursing

*Final Comments by the committee:*

- Physical measurement of the children should be collected by the researcher only.
- Check the Govt. data and compare with your data as the results of data presented seems to be inconsistent.
- Refer standard WHO percentile chart. Use of SAM and MAM would be appropriate for the study.

- 6) Title: Effect of Nursing audit and competency based education regarding infection control practices during intranatal period on knowledge, attitude and practices of nursing personnel working in labour rooms of selected CHCs and PHCs of Raigad district

PhD Student : Manisha Kadam  
Guide : Dr. Prabha Dasila  
Subject : Nursing

*Final Comments by the committee:*

- Modify the title: Use the term Health Care facilities instead of CHCs and PHCs of Raigad District in the title.
- Continue data collection.

- 7) Title: Effect of planned teaching on knowledge attitude and practice of skilled birth attendants on facility based newborn care at health care facilities in district of Raigad.

PhD Student : Samruddhi Bhakare  
Guide : Dr. N. C. Mohanty  
Subject : Nursing

*Final Comments by the committee:*

- Add an objective to assess the retention of Knowledge and Skills.
- Continue data collection.

- 8) Title: Effect of planned teaching on the knowledge, attitude and skills of the health workers regarding care of newborn at birth the selected tribal community of the District Raigad.

PhD Student : Devita Nalawade  
Guide : Dr. N. C. Mohanty  
Subject : Nursing

*Final Comments by the committee:*

- Analyze the post test data separately, collected at different time i.e. 1 month, 3 month and 6 months instead of taking mean scores of all.
- Find out the outliers since the results are found to be negative for some variables.
- Plan the analysis with event wise observations (e.g. ANMs).
- Mortality is not related to the outcome of study. The objective may be changed. Discuss with your guide.

9) Title : Effect of emotional intelligence training program on psychosocial skill and clinical performance among nursing students of selected nursing colleges in Maharashtra.

PhD Student : Madhavi Ghorpade  
Guide : Dr. Prabha Dasila  
Subject : Nursing

Presented the pilot study data.

*Final Comments by the committee:*

- Find out the change after training programme.
- Prepare appropriate scoring system for data analysis.

The meeting ended with the thanks to the chair.

  
5/12/16  
(Member Secretary)





**MGM INSTITUTE OF HEALTH SCIENCES**  
(Deemed University u/s 3 of UGC Act, 1956)  
Accredited Grade A by NAAC

**Minutes of Research and Recognition Committee Meeting**

Meeting of the Research and Recognition Committee (RRC) of MGM Institute of Health Sciences, Navi Mumbai was held on 25.2.2015 in the Conference Hall. The following members had participated in the meeting:

- |                          |                    |
|--------------------------|--------------------|
| 1. Dr Alaka Deshpande    | : Chairperson      |
| 2. Dr S K Kaul           |                    |
| 3. Dr Chander P Puri     |                    |
| 4. Dr Ipseeta Ray        | : Member Secretary |
| 5. Dr V K Suri           |                    |
| 6. Dr Prabha Dasila      |                    |
| 7. Dr Mary Mathews       |                    |
| 8. Dr Rajani Mullerpatan |                    |
| 9. Dr K R Salgotra       |                    |
| 10. Dr N C Mohanty       |                    |
| 11. Dr Prakash Doke      |                    |
| 12. Dr R K Srivastava    |                    |
| 13. Dr Shalini Bharat    |                    |
| 14. Dr Rani Shetty       |                    |
| 15. Dr Maninder Setia    |                    |
| 16. Dr Bharti Bellare    |                    |

**Proceedings**

Dr Chander Puri, the honorable Pro-VC, addressed the concerns raised by the Chairperson regarding the delay in the initiation of the PhD work by students. He highlighted the initiatives taken by the Institute to expedite this process wherever possible. Dr Puri also added that Co-Guides from premier and local Institutes are being inducted to strengthen the PhD research work.

Dr Puri briefly outlined the process of the PhD Program. The scientific merit of the PhD work is scrutinized by the Research and Recognition Committee (RRC) and the ethical aspects of the study are taken care by Institutional Ethics Committee. Following clearance from both these Committees, the PhD scholars start working on the project. However, every six months the PhD scholar is expected to present



progress of PhD work before the Scientific Advisory Committee. The purpose of this stringent monitoring by the above mentioned committees is to ensure quality as well as authenticity in the PhD Program.

Dr Kaul re-emphasized the importance of maintaining quality at all levels of PhD Program: right from protocol designing, conducting the study followed by analysis and statistical interpretation of the data.

### **Projects discussed**

- 1. Title:** Effect of squatting on knee articular cartilage in healthy adults.

<b>PhD Student</b>	<b>: Dr. Bela Agarwal</b>
<b>Guide</b>	<b>: Dr. Rajani Mullerpatan</b>
<b>Subject</b>	<b>: Physiotherapy</b>

**The following modifications were suggested:**

- a) The justification for the proposed sample size needs to be incorporated in the study design.
- b) Only standard abbreviations should be used in the protocol. The abbreviations used otherwise needs to be elaborated.
- c) Is it a standard technique to estimate the secretory biomarkers (PLA2 and DPPH) in the sweat? Reference to support the same needs to be included in the protocol. Exact method of collection of sweat should be specified.
- d) Yogic postures or traditional postures followed in North East of India using squatting, may be identified for the present study.

**The proposal was approved by the RRC subject to incorporation of the suggested changes.**

- 2. Title:** Compare efficacy of cognitive behavioral therapy and Jacobson relaxation technique on level of stress, burnout and coping among nurses working in tertiary care hospitals in Navi Mumbai

<b>PhD Student</b>	<b>: Mr. Vishalkumar D Powar</b>
<b>Guide</b>	<b>: Dr. Rakesh Ghildiyal</b>
<b>Subject</b>	<b>: Nursing</b>

**The following modifications were suggested:**

- a) Is the PhD scholar certified to conduct sessions on cognitive behavioral therapy and Jacobson relaxation techniques? The process of conducting these sessions need to be validated by Experts in the field.
- b) The Objective No 4 and 5 are mere extensions of the Objective No 1-3. Therefore need not be included as separate objectives
- c) Along with the stress levels, the stressors factors responsible for inducing stress to staff (nursing) also need to be identified to prevent the influence of extraneous variables on the study outcomes
- d) The justification for the proposed sample size needs to be incorporated..
- e) The place of study (hospitals where the study will be carried out) needs to be defined in the protocol.

**The research proposal needs to be modified, incorporating the details of and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested changes.**

3. **Title:** Effectiveness of assertiveness training on dating violence among college students.

PhD Student	: Ms. R Jeyasutha
Guide	: Dr. Rakesh Ghildiyal
Subject	: Nursing

**The following modifications were suggested:**

- a) As mentioned in the protocol, the study design, that the Investigator intends to use is not cohort type of study. Appropriate modification in the protocol related to the research design should be made.
- b) The word 'dating' needs to be defined properly in the study so that there is no ambiguity in the interpretation of the data.
- c) Are the scales used to assess dating violence, standard ones relevant to the Indian context? If not, the scales need to be validated.
- d) The Investigator needs to go through more literature to understand how 'assertiveness training on dating violence' has been studied and interpreted.

**The proposal was provisionally approved. The research proposal needs to be modified, incorporating the details of methodology and suggested changes and resubmitted for consideration.**

4. **Title:** Development, implementation and assessment of impact of specially devised intervention package as epidemiological demonstration model to improve quality of life of senior citizens in slum area in Thane- an experimental field trial.

<b>PhD Student</b>	: Ms. Bhadrapriya Sanjay Parab
<b>Guide</b>	: Dr. Gajanan D Velhal
<b>Subject</b>	: Nursing

**The following modifications were suggested:**

- a) The title is too long; needs to be refined and shortened.
- b) There are too many objectives and outcomes measures that the Investigator has enlisted in the study protocol. The Investigators needs to focus and define the goals of the study clearly. The objectives can be classified as the primary and secondary objectives in order to bring clarity.

**The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was provisionally approved by the RRC subject to the incorporation of the suggested changes.**

5. **Title:** Impact of village based planning - need oriented community initiative to address nutritional problem among children in the age group of 0 to 5 years in rural areas, Vidarbha, Maharashtra.

<b>PhD Student</b>	: Ms. Amarapali Gajbhiye
<b>Guide</b>	: Dr. Gajanan D Velhal
<b>Subject</b>	: Nursing

**The following modifications were suggested:**

- a) The role of the Investigator in the village based planning to address nutritional problems among children needs to be defined clearly since there would be involvement of Community and Family at all levels.
- b) The objectives need to be narrowed down as it would be difficult to implement the Project in the present form.
- c) The involvement of the Mother in providing the nutritional support needs to be strengthened. The mothers may be trained regarding the nutritional value of food items.

**The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was provisionally approved by the RRC subject to the incorporation of the suggested changes.**

6. **Title:** Impact of community based intervention on awareness regarding prevention, identification of early signs and early care of stroke among caregivers and hypertensive patients.

<b>PhD Student</b>	: Ms. Sucheta Yanagad
<b>Guide</b>	: Prof. Alok Banerjee
<b>Subject</b>	: Nursing

The following modifications were suggested:

- a) The early signs of stroke the need to be watched out in a Stroke's patient need to be clearly defined in the Study.

The proposal was provisionally approved. The modified proposal incorporating the details of methodology and suggested changes needs to be re-submitted, for reconsideration.

7. **Title:** Effect of education bundle in relation to secondary prevention of cervical cancer on compliance to screening, referral and follow upon women at high risk for cervical cancer residing in selected rural areas of West Maharashtra.

<b>PhD Student</b>	: Ms. Seta Devi
<b>Guide</b>	: Dr. Prabha Dasila
<b>Subject</b>	: Nursing

The following modifications were suggested:

- a) The availability of a urine test to detect human papilloma virus needs to be verified and authenticated.
- b) The high cost of the project due to expensive tests (Urine test human papilloma virus, Pap smear in 1000 cases) needs to be considered in terms of feasibility and practicability. The objectives may be refined to what is doable
- c) Inclusion of a Gynecologist in the study would help in interpretation of the clinical data

The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was provisionally approved by the RRC subject to the incorporation of the suggested changes.

8. **Title:** Educational intervention programme regarding labor preparedness on outcome of pregnancy among primigravida women.

<b>PhD Student</b>	: Ms. Supriya Chinchpure
<b>Guide</b>	: Dr. Alaka Deshpande
<b>Subject</b>	: Nursing

**The following modifications were suggested:**

- a) Instead of using the term 'labor preparedness' in the title, the word 'birth preparedness' may be used .
- b) Additional outcome measures for 'birth preparedness' may be included in the study protocol

**The proposal was approved by the RRC subject to the incorporation of the suggested changes.**

9. **Title:** Impact of transformational leadership educational program of Head Nurses on performance and job satisfaction of staff nurses working in selected public hospitals of Mumbai.

<b>PhD Student</b>	<b>: Ms. Maya Dilip Vadgoankar</b>
<b>Guide</b>	<b>: Dr. Prabha Dasila</b>
<b>Subject</b>	<b>: Nursing</b>

**The following modification was suggested:**

- a) The Committee enquired if the Investigator is trained for imparting the 'transformational leadership educational program' among the head Nurses.
- b) The duration of training (3 days) also seems to be very short to be able to produce an observable change in the behavior of the head nurses. Some kind of reinforcement is required even after the training. The sessions need to be planned properly keeping this in mind
- c) Longer duration of follow up among the staff nurses (6 months to 1 year) is desirable in order to strengthen the study design.

**The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested changes.**

10. **Title:** Impact of core competency training in relation to management of normal labour on proficiency in assessment and management of labour among nursing personnel in selected PHCs of Raigad District.

<b>PhD Student</b>	<b>: Ms. Manisha Kadam</b>
<b>Guide</b>	<b>: Dr. Prabha Dasila</b>
<b>Subject</b>	<b>: Nursing</b>

**The following modifications were suggested:**

- a) Who will impart the training to the Nurses? How will the training sessions be carried out? Details needs to be incorporated in the protocol

**The proposal was approved by the RRC subject to the incorporation of the suggested changes.**

- 11. Title:** Effect of planned teaching on the knowledge, attitude and skill of the community health workers neonatal resuscitation in the selected health care facility in the Raigad District.

<b>PhD Student</b>	<b>: Ms. Devita Anand Nalawade</b>
<b>Guide</b>	<b>: Dr. N C Mohanty</b>
<b>Subject</b>	<b>: Nursing</b>

**The following modifications were suggested:**

- a) The Project intends to train Asha workers and traditional birth attendants for conducting neonatal resuscitation in Primary and Community centers of rural Raigad District. Would it be appropriate to utilize Asha workers for assisting in Neonatal resuscitation? Does it fall in their job responsibilities?
- b) Objectively, define what would be studied under attitude towards Neonatal resuscitation among asha workers.
- c) How will the Neonatal resuscitation skills be assessed? How would the variables that can influence the study results be taken care of?

**The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested changes.**

- 12. Title:** Effect of planned teaching on knowledge, attitude and practice of skilled birth attendants on facility based newborn care at community care facilities in district of Raigad.

<b>PhD Student</b>	<b>: Ms. Samruddhi Suresh Bhakare</b>
<b>Guide</b>	<b>: Dr. N C Mohanty</b>
<b>Subject</b>	<b>: Nursing</b>

**The following modifications were suggested:**

- a) Who will be training the Investigator to impart hands on training to the birth attendants?

- b) The sample size is too small to correlate the educational intervention with the neonatal mortality data of the district. The objective regarding the same needs to be modified.
- c) A check list to assess skills of the birth attendants on newborn care needs to be formulated.

The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested changes.

13. Title: Effect of emotional intelligence training program on psycho-social and clinical performance among nursing students of selected nursing colleges in Maharashtra.

PhD Student	: Ms. Madhavi Ghorpade
Guide	: Dr. Prabha Dasila
Subject	: Nursing

The following modifications were suggested:

- a) Is the Investigator competent enough to impart emotional intelligence training to the nursing students
- b) The training program for Emotional Intelligence needs to be more intense. Merely a four day training is not enough to bring about a behavioral/emotional change among the nursing students.
- c) How will the clinical performance of the nursing students be assessed? An objectively graded check list needs to be prepared and included in the protocol.
- d) The references are obsolete. Recent studies related to the proposed work needs to be included in the study.

The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested changes.

14. **Title:** Disaster management preparedness in Hospitals of Navi Mumbai, identifying gap areas and strategizing, appropriate intervention measures.

PhD Student	: Ms. Saloni Chinmay Desai (Batch 2012-13)
Guide	: Dr. Prakash Doke
Subject	: Hospital Management

**The following modifications were suggested:**

- a) The list of disasters (internal and external) that would be studied for their management should be enlisted.
- b) There is a lack of depth in the study. Every hospital has a disaster management plan in place. Is the Investigator trying to just obtain this data, which may also be available on line in case of NABH accredited hospitals? Instead of merely collecting such data it would be worthwhile to study the preparedness among employees at various levels regarding the management of disasters. Whether the employees are aware of their roles needs to be verified.

The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested changes.

15. **Title:** Physical health assessment and effect of family based intervention among malnourished children of a selected rural community.

PhD Student	: Ms. Asmita Laxman Kamble
Guide	: Dr. Mary Mathews
Subject	: Nursing

**The following modifications were suggested:**

- a) Who will be assessing the physical health of the children? Under physical health which parameters will be evaluated?
- b) Instead of following the IAP classification for malnutrition, the WHO criteria would be preferable.
- c) The word 'malnourished' children in the title should be replaced with 'nutritional status'.
- d) A Co-Guide from the Institute where the work would be conducted should be included in the study.

The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested changes.

16. **Title:** Effect of Psycho-educational approach on alcohol expectancies among the adolescents.

PhD Student	: Mr. Alik Antony Rae
Guide	: Dr. Mary Mathews
Subject	: Nursing

The following modifications were suggested:

- a) A standard life skill intervention has to be conducted for 40 hours. Moreover, the Intervention (psycho-educational approach) on alcohol expectancies among adolescents needs to be carried out in small groups. How does the Investigator plan to find so much time during school hours to counsel the adolescents. The permission from school authorities and parents needs to be taken. The study design may be modified keeping the feasibility in mind. Without compromising on the scientific content.

The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested changes.

17. **Title:** Effect of educational intervention on knowledge and practice on neonatal transport among accredited social health activities and trained birth attendants of rural Raigad District.

PhD Student	: Mr. Mr. Amar Alim Mulla
Guide	: Dr. Mary Mathews
Subject	: Nursing

The following modifications were suggested:

- a) The term neonatal transport needs to be defined in the study.
- b) The educational intervention mentioned in the title does not reflect in the objectives of the study. The objective needs to be modified accordingly.
- c) Besides testing the knowledge and practice of neonatal transport among birth attendants, the involvement of mothers should also be assessed since the neonate spends maximum time with the mother. Therefore the practice of the mother should also be evaluated as an outcome measure.

- d) It is desirable to design innovative models for neonatal transport at different levels of health care facility in the rural setting. The scope of the work should be increased.

The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested changes.

18. **Title:** Effect of nurse directed interventions on selected health behaviours and physiological parameters among adults at risk of having diabetes mellitus in district Hisar.

PhD Student	: Ms. Seeli Margaret S
Guide	: Dr. Alok Banerjee
Subject	: Nursing

The following modifications were suggested:

- The glycosylated hemoglobin needs to be estimated among adults at risk of developing diabetes as it is an established measure of long term glycemic control.
- The title needs to be modified. The word 'having' should be replaced by "developing".
- Local Guide needs to be identified.
- Does the Investigator plan to develop a scale to assess the risk score of diabetes mellitus among adults or a standardized instrument will be used?
- How does the Investigator plan to randomize the subjects? The details in the methodology should be provided.

The research proposal needs to be modified, incorporating the details of methodology and suggested changes. The proposal was approved by the RRC subject to the incorporation of the suggested changes.

19. **Title:** Effect of caregivers education programme on functional status and selected aspects of health related quality of life among cerebrovascular accident patients in selected hospitals.

PhD Student	: Mr. Rahul Bhausaheb Pandit
Guide	: Dr. Mary Mathews
Subject	: Nursing

**The following modifications were suggested:**

- a) The inclusion criteria of cerebrovascular accident patient needs to be defined in the study
- b) The word 'feeding' should be used instead of 'Ryle's tube feeding'.
- c) How will the quality of life be assessed? Which parameters would be assessed under quality of life?

**The proposal was provisionally approved by the RRC in the present form. The research proposal needs to be modified and resubmitted for reconsideration**

**20. Title:.** Impact of skill training programme on essential obstetric and newborn care (EONC) during labour competencies of nurses working in a selected rural health setup.

PhD Student	: Mr. Sharad Bhausaheb Pandit
Guide	: Dr. B G Boricha
Subject	: Nursing


**The following modifications were suggested:**

- a. The title is too long and needs to be modified appropriately.

**The proposal was approved by the RRC.**

The meeting ended with the thanks to the chair.

Date and agenda for next meeting to be decided.

  
(Member Secretary)  
5/3/15



## MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

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### Minutes of the Scientific Advisory Committee (SAC)

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 27<sup>th</sup> February 2018 at 10.00 am in the Conference Hall. The following members had participated in the meeting:

1. Dr Smita Mahale	:	Chairperson
2. Dr. Alaka Deshpande	:	Member
3. Dr. Chander P Puri	:	Member
4. Dr. Atmaram Bandivdekar	:	Member
5. Dr. Deepak Modi	:	Member
6. Dr. Savita Sahani	:	Member Secretary
7. Dr. V K Suri	:	Member
8. Dr. G D Jindal	:	Member
9. Dr. Raman P Yadav	:	Member
10. Dr. Ravindra Inamdar	:	Member
11. Dr. Rita Abbi	:	Member

**Title :** To study phenotypic characteristics of different types of diabetes in the young and genetic characterization of monogenic diabetes (MODY)

PhD Student	:	Neha More
Guide	:	Dr. Parineeta Samant
Subject	:	Biochemistry

Suggested to reduce the upper limit of the age to get more MODY cases. Incorporate expression of entire MODY gene to see for new mutation

Research topic was approved subject to incorporation of above mentioned suggestions.

**Title :** Study the diagnostic accuracy and feasibility of lipoarabinomannan as biomarker for early and rapid screening of tuberculosis

PhD Student	:	Arth Nath Dube
Guide	:	Dr. A D Urhekar
Subject	:	Microbiology



Members suggested to specify the study design, whether the aim is to detect early diagnostic or the progress of the disease.

Which body fluid will be used for non-pulmonary tuberculosis?

Advised to go for literature search for the sensitivity of the test and perform pilot study to confirm the hypothesis.

Modified protocol may be submitted for ethical clearance.

Research title is approved subject to above mentioned modifications.

**Title :** Study on maternal colonization of Group B Streptococcus and Pregnancy related complications

PhD Student	:	Abhishek Singh
Guide	:	Dr. A D Urhekar
Subject	:	Microbiology

Members suggested to modify the title specifying which pregnancy related complications will be considered

To change the study design and remove neo-natal deaths

To exclude the HIV infected mothers

Research title is approved subject to mentioned modifications.

**Title :** Studies on the mechanism of action of homeopathic drugs on osteoporosis in Zebra Fish Model

PhD Student	:	Himanshu Gupta
Guide	:	Dr. Mansee Thakur
Subject	:	Genetics

Members suggested to add water as control for HRTMC

Mention the particle diameters using mean and standard deviation

Specify range of nano-particle size

The unit of AFM was not defined, in addition to the size of nano-particle more details about surface of the nano-particle should be considered

Add a slide of unstained fluorescent larva

Statistics should be applied for the analysis

Synopsis approved subject to incorporation of above suggestions.

**Title :** Potent pancreatic lipase inhibitor from food plants and development of safer anti-obesity formulation

**PhD Student** : Sveeta Mhatre  
**Guide** : Dr. Raman P Yadav  
**Subject** : Biotechnology

Title may be modified as suggested

Advised to confirm the mechanism of test drug.

Synopsis approved

**Title :** Clinical evaluation of novel breath-based point of care titanium Dioxide nanotube sensor device for the screening and diagnosis of pulmonary tuberculosis

**PhD Student** : Samir Pachpute  
**Guide** : Dr. A D Urhekar  
**Subject** : Microbiology

Synopsis approved unanimously

**Title :** Embryogenesis of Human Gonads

**PhD Student** : Sumi Elizebeth  
**Guide** : Dr. Aruna Mukherjee  
**Subject** : Anatomy

Members suggested to mention number of fetuses in each group and apply statistics, while presenting the data.

Progress was satisfactory

**Title:** An epidemiological assessment of brucellosis and associated Risk factors in South Nagpur, Maharashtra

**PhD Student** : Satish Ghugey  
**Guide** : Dr. Maninder S Setia  
**Subject** : Community Medicine

Member suggested to modify the questionnaire used for the study, pre-validate it and incorporate questionnaires used in other studies.

**Title :** Study of effect of Iron nanoparticles on iron deficiency anaemia using rat model


<b>PhD Student</b>	:	<b>Smital Kulkarni</b>
<b>Guide</b>	:	<b>Dr. Mansee Thakur</b>
<b>Subject</b>	:	<b>Biotechnology</b>

Members suggested to omit the toxicity of ovary if they are not classified as per the stage of ovulation

Identify the dose for efficacy studies

Progress was found satisfactory

Date and agenda for next meeting to be decided.

  
Dr. Savita Shahani  
Member Secretary

**MGM INSTITUTE OF HEALTH SCIENCES**  
(Deemed University u/s 3 of UGC Act, 1956)  
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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of the SAC of MGM Institute of Health Sciences (MGMIHS), Navi Mumbai was held on 28<sup>th</sup> April 2015 in the Conference Hall. The following members had participated in the meeting:

1. Dr Smita Mahale	:	Chairperson
2. Dr S K Kaul	:	Member
3. Dr Chander P Puri	:	Member
4. Dr. Abhay Chowdhary	:	Member
5. Dr Alaka Deshpande	:	Member
6. Z G Badade	:	Member
7. Dr. Ipseeta Mohanty	:	Member
8. Dr. V K Suri	:	Member
9. Dr. P S Chauhan	:	Member
10. Prof. Oleksandr Kukharchuk	:	Member
11. Dr. Atmaram Bandivdekar	:	Member
12. Dr. G D Gindal	:	Member
13. Dr. Chandra Shekhar	:	Member
14. Dr. Ravindra Inamdar	:	Member
15. Dr. D S Joshi	:	Member
16. Dr. Sandhya Agarwal	:	Member
17. Dr. Raman P Yadav	:	Member
18. Dr. Antoy Herold Prabhu	:	Member
19. Dr. H R Jerajani	:	Member
20. Dr. Abhijit Padmakar Jadhav	:	Member
21. Dr. Savita Sahani	:	Member Secretary

Following projects were discussed

1. Title :. Biological synthesis of highly efficient quantum dots and its application in detection of MTB and latent TB antigens.

PhD Student	:	Ms. Amita Bhagit
Guide	:	Dr. Raman P. Yadav*
Subject	:	Biotechnology



Candidate was advised to present more details regarding methodology for extraction of quantum dots.

2. Title : Developing natural alternatives to synthetic dipeptidyl peptidase IV inhibitors for diabetes with metabolic syndrome.

PhD Student : Mr. Rajesh Suman  
Guide : Dr. Ipseeta Ray  
Subject : Pharmacology

Dr. Bandivedkar the reviewer of project advised to present lacunae in knowledge of present projects by literature search..

Dr. Chauhan advised to keep record of daily food intake of various animals, recheck the statistical data.

Members thought that animal model used by them requires further validation in larger group of animals to know inter-individual variation before going for actual drug treatment

3. Title : Circulating microRNA profiling in tuberculosis infection and its association with drug resistant tuberculosis.

PhD Student : Mr. Vishal Wagh  
Guide : Dr. A. D. Urhekar  
Subject : Microbiology

Dr. Alaka Deshpande advised for more literature search to justify selecting the mentioned targeted genes.

4. Title : Microbiological and genomic study of aspergillosis and standardization of cost effective antifungal drug susceptibility testing.

PhD Student : Ms. Raksha  
Guide : Dr. A.D. Urhekar\*  
Subject : Microbiology

Dr. Deshpande advised to correlate characteristics of aspergillus and lipase activity with associated comorbid conditions and severity of disease.

5. Title : Virulence factors, molecular characterization & clinical correlation of candida species isolated from various specimens in a tertiary care hospital.

PhD Student	:	Mr. Rakesh Mukhia
Guide	:	Dr. A.D. Urhekar*
Subject	:	Microbiology

Progress of the Research work satisfactory.

6. Title : Studies on polymorphisms of fucosyltransferase 2 (FUT2) gene and its association with prevalent genotypes of rotavirus and norovirus.

PhD Student	:	Ms. Kshitija Rane
Guide	:	Dr. D.S. Joshi
Subject	:	Genetics

Progress of the Research work satisfactory.

7. Title : Development of molecular diagnostic techniques for detection of Mycobacterium tuberculosis and its drug resistant variants.

PhD Student	:	Mr. Girish Pai
Guide	:	Dr. D.S. Joshi
Subject	:	Biotechnology

Progress of the Research work was good.

8. Title : Morphogenesis and histogenesis of human foetal spleen.

PhD Student	:	Mr. Rajeev Mukhia
Guide	:	Dr. Aruna Mukherjee
Subject	:	Anatomy

Progress of the Research work was satisfactory.

9. Title : Comparative Study of Umbilical Cords in Normal and Adverse Pregnancy outcome patients.

PhD Student	:	Dr. Mrinalini Gaikwad
Guide	:	Dr. Anjali Sabnis
Subject	:	Anatomy

Literature search may be required regarding data in Indian population Gynecologist may be consulted to correlate these finding with associated co-morbid factors.

10. Title :. Development of highly specific immunoassays for prostate cancer through molecular characterization of existing markers.

PhD Student : Paresh Bhanushali /  
Guide : Dr. Chander P Puri  
Subject : Biotechnology

Progress of the Research work satisfactory.

11. Title :. Development, characterization and clinical Validation of *invitro* diagnostic method for diagnosis of breast cancer.

PhD Student : Shoaib Haidar /  
Guide : Dr. Manoj Chugh  
Subject : Biotechnology

Progress of the Research work was good.

12. Title :. To determine the prevalence of serological and molecular markers of Hepatitis B virus in voluntary blood donors from Maharashtra.

PhD Student : Amruta Sonawane  
Guide : Dr. Aurna Shankarkumar  
Subject : Biotechnology

Progress of the Research work was good.

13. Title :. Effects gatifloxacin, doxycycline and artesunate on neuro-muscular junction.

PhD Student : Savitri Katlam /  
Guide : Dr. Yashwant Deshmukh)\*  
Subject : Pharmacology

Advised to check for doses used. Probable interaction with known muscle relaxants may be done.

The meeting ended with the thanks to the chair

Date and agenda for next meeting to be decided.

*hsega*  
(Member Secretary)

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**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of the SAC, MGM Institute of Health Sciences, Navi Mumbai was held on 29<sup>th</sup> April 2016 in the Conference Hall. The following members were present in the meeting:

1. Dr Alaka Deshpande	:	Chairperson
2. Dr Chander P Puri	:	Member
3. Dr Prabha Dasila	:	Member Secretary
4. Dr K R Salgotra	:	Member
5. Dr N C Mohanty	:	Member
6. Dr. K P Surinder Jaswal	:	Member

Total 09 Ph.D students presented the Progress Report of their projects.

Title : To develop and evaluate the effect of ventilator associated pneumonia prevention protocol for nurses working in Intensive care units and to evaluate the effect in reducing the incidence of Ventilator associated pneumonia in multispeciality hospitals of Mumbai.

PhD Student	:	Savia Fernandes
Guide	:	Dr. Aloke Banerjee*
Subject	:	Nursing

**Final Comments by the committee –**

- Include larger hospitals in the study.
- Prepare the training protocol first. Implement the protocol and assess practices instead of assessing the practices and then preparing the training protocol.
- Check against standardized protocols.
- Slight modification in the methodology required.
- Speed up the work.

Title : Effectiveness of self-efficacy enhancing intervention Program on the health behavior and health related quality. Program on the health behavior and health related quality of life of patients with diabetes mellitus.

PhD Student	:	Perpetua Fernandes
Guide	:	Dr. Rekha J Ogle *
Subject	:	Nursing

**Final Comments by the committee –**

- Title and Objectives of the research study to be reframed.
- More contemporary focus in the study required.



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**Title :** The effectiveness of extended nursing care model on the Quality of life (QOL) of patients of coronary artery bypass graft surgery.

**PhD Student** : Jyoti Chaudhari  
**Guide** : (Dr. S Pani)\*  
**Subject** : Nursing

***Final Comments by the committee:***

- Add clinical data in the tool example ejection fraction etc.
- Component of nursing needs to be incorporated well in the extended nursing care model.
- Discuss with Guide regarding modifying the title of the study. Suggested- Nurse Monitored cardiac recovery in CABG Patients during first 6 weeks after surgery.
- Conceptualize the use of study findings for public health (eg State / insurance etc.).
- Present the tools at the earliest and start data collection, include some more qualitative data of diverse cases.

**Title :** Disaster Management Preparedness at selected hospitals of Navi Mumbai.

**PhD Student** : Saloni Desai  
**Guide** : (Dr. Prakash Doke)\*  
**Subject** : Hospital Management

***Final Comments by the committee:***

- Pilot study should have been presented with analysis of data
- Questionnaire needs to be with different sections
- Survey all the hospitals around and in Mumbai. Check whether Disaster Management plan is in place.
- Speed up the research work.

**Title :** Effect of planned teaching program on knowledge, attitudes and practices(KAP) and screening regarding selected aspects of secondary prevention of cervical cancer among women of rural community of Raigad District.

**PhD Student** : Varsha Kadam  
**Guide** : (Dr. Prakash Doke)\*  
**Subject** : Nursing

***Final Comments by the committee:***

- Progress of research work satisfactory



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Title : Effect of stripping of the umbilical cord blood towards the baby at birth on neonatal and development outcome through infancy.

PhD Student : Manisha Pawar  
Guide : (Dr. N C Mohanty)\*  
Subject : Nursing

*Final Comments by the committee:*

- Subsequent outcome during the infancy may be assessed.
- Pilot study report presented. Suggested single table instead of bar graphics for demographic data.
- Start data collection for main study. Pilot study sample can be included in the main study

Title : A study on prescription to over-the-counter conversion patterns and its impact on the consumer purchase behavior in the Indian healthcare industry.

PhD Student : Prof. Suniel G Deshpande  
Guide : (Dr. R K Srivastava)\*  
Subject : Pharmaceutical Management

*Final Comments by the committee:*

- Look into all the aspects of paradigm shift.
- Increase the focus area and scope of study
- Look into the influences of health within the industry

Title : Effect of multipronged health awareness counseling on knowledge and practices in relation to prevention of Coronary Artery Disease (CAD) among individuals with sedentary lifestyle living in Mumbai.

PhD Student : Mrs. Bharti Veer  
Guide : Jaishree Ghanekar  
Subject : Nursing

*Final Comments by the committee:*

- Screening tool accepted
- Contact all the banks in Navi Mumbai.
- Speed up the work.



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**Title :** Educational intervention programme regarding birth preparedness on outcome of pregnancy among primigravida women

<b>PhD Student</b>	<b>:</b>	<b>Supriya B Chinchpure</b>
<b>Guide</b>	<b>:</b>	<b>Alaka Deshpande</b>
<b>Subject</b>	<b>:</b>	<b>Nursing</b>

***Final Comments by the committee:***

- Keep few open ended questions for exploration of practices.
- Satisfactory progress

The meeting ended with thanks to the chair. Date and agenda for next meeting to be decided.

  
(Member Secretary)

**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of SAC of MGM Institute of Health Sciences, Navi Mumbai was held on Wednesday 29<sup>th</sup> June 2016 in the Conference Hall. Copy of the agenda discussed is attached. The following SAC members and PhD Guides had participated in the meeting:

1. Dr Smita Mahale	:	Chairperson
2. Dr Alaka Deshpande	:	Member
3. Dr Abhay Chowdhary	:	Member
4. Dr Atmaram Bandivdekar	:	Member
5. Dr Deepak S Joshi	:	Member
6. Dr Deepak Modi	:	Member
7. Dr Chander P Puri	:	Member
8. Dr V K Suri	:	Member
9. Dr Savita Shahani	:	Member Secretary
10. Dr R S Inamdar	:	Member
11. Dr H R Jerajani	:	Member
12. Dr Ipseeta Ray	:	Member
13. Dr D S Joshi	:	Member
14. Dr Z G Badade	:	Member

Dr. Smita Mahale had Chaired the meeting.

**Presentation of Synopsis :**

**Title : Microbiological and genomic study of aspergillosis and standardization of cost effective antifungal drug sensitivity testing**

PhD Student	:	Raksha
Guide	:	Dr A D Urhekar
Subject	:	Microbiology

Ms. Raksha had presented the synopsis during the SAC meeting held on 19<sup>th</sup> May 2016. The members had not accepted the synopsis and made some recommendations. In this meeting the candidate once again presented the synopsis, with focus on research work pursued to implement the recommendations of the SAC.

Members suggested to assess the correlation between clinical history and drug resistance pattern of aspergillus. At the previous meeting, the members had suggested to estimate levels of circulating antigen. In this regard the candidate explained that the estimation of circulating levels of antigen may not be necessary as the methods used for diagnosis by ELIZA for detection of IgM antibody may be sufficient, which was accepted by the members.



Synopsis were approved

**Title :** To study effect of topical corticosteroid on blood pressure in healthy volunteers and in patients requiring topical corticosteroids therapy

PhD Student	:	Chetan Javsén
Guide	:	Dr. Y A Deshmukh*
Subject	:	Pharmacology

Dr. Y A Deshmukh, PhD Guide could not participate in the meeting due to health-related problem. The work pursued by the candidate was not satisfactory. The members suggested Mr. Javsén alongwith his guide should discuss with Dr. Jerajani and undertake additional study.

**Discussion of Progress Reports :**

**Title :** Study of Chlamydia trachomatis and Chlamydia specific immune response and its association with vaginal flora patterns among women attending a tertiary care hospital in Navi Mumbai

PhD Student	:	Mrinangka Deb
Guide	:	Dr. A D Urhekar*
Subject	:	Microbiology

Candidate informed that as per the suggestion of members given in previous SAC meeting correlation of Chlamydia infection with other vaginal infection and few STDs as co-infection has been included in study. Inclusion of other STDs as co-infection may not be possible due to financial constrain.

Progress of the work was satisfactory.

**Title :** Circulating microRNA profiling in tuberculosis infection and its association with drug resistant tuberculosis

PhD Student	:	Vishal Wagh
Guide	:	Dr. A D Urhekar*
Subject	:	Microbiology

Dr. Bandivdekar commented that there is clear correlation of 2 types of miRNA with subjects having various types of tuberculosis v/s normal control, as these are also the parameters of immune function will it show different response in other infective disease



or in immunocompromised patient. He also suggested to look for ratio of miRNA 155/16 to get any additional information.

Dr. Alaka Deshpande asked whether serum miRNA levels can be used as biomarkers for latent tuberculosis or can it be correlated with therapeutic response of patients, to which Dr. Modi replied that it has yet to be determined.

Progress was found satisfactory.

**Title: Age related changes in human hypothalamus cadaveric study**

PhD Student	:	Pravin Rathod
Guide	:	Dr Aruna Mukherjee*
Subject	:	Anatomy

Progress was found satisfactory

**Title : Study of neuronal and glial changes in human olfactory pathway with age-A cadaveric study**

PhD Student	:	Monali Sonawane
Guide	:	Dr Aruna Mukherjee*
Subject	:	Anatomy

Progress was found satisfactory

**Title : Effect of doxycycline and Oxyteracycline on Neuromuscular junction**

PhD Student	:	Savitri Katlam
Guide	:	Dr. Y A Deshmukh*
Subject	:	Pharmacology

Dr. Y A Deshmukh, PhD Guide could not participate in the meeting due to health-related problem. The progress of work was found not satisfactory. The members suggested that a Doctoral Committee including PhD Guide Dr. Deshmukh, Dr. Ipseeta Ray, Dr. Savita Shahani & Dr. R S Inamdar to be constituted to supervise the work and provide necessary guidance to student.

Dr. Mahale also advised to do more literature search and use proper terminology.

**Title : Clinical Evaluation of novel breath-based Point of Care titanium dioxide nano-tube sensor device for the screening and diagnosis of pulmonary tuberculosis**



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**Minutes of the Research & Recognition Committee (RRC)**

Meeting of Research & Recognition (RRC), MGM Institute of Health Sciences, Navi Mumbai was held on 29th November 2017 at 10.00 am in the 3<sup>rd</sup> Floor Conference Hall.

Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Prabha Dasila	:	Member Secretary
3. Dr. Maninder Setia	:	Member
4. Dr. K. R. Salgotra	:	Member
5. Dr. Mary Mathews	:	Member
6. Dr. Rani Shetty	:	Member
7. Dr. Sanjay Chauhan	:	Member
8. Dr. Gajanan Velhal	:	Member
9. Dr. Rita Abbi	:	Member

Dr. Alaka Deshpande welcomed the committee members to the meeting of the Research & Recognition. Six students from Nursing and two students from Hospital Management presented the Topics for their PhD research work.

The minutes of the presentation are as below;

1. Title: Effect of nursing care bundle on knowledge, bio-physiological parameters, pulmonary status and psychosocial health of the patients diagnosed with pulmonary tuberculosis admitted in hospitals of Mumbai.

PhD Student	:	Kirti M Jamdar
Guide	:	Dr. Prabha K. Dasila
Subject	:	Nursing

The Ph. D student presented her topic. She discussed that the study will be conducted on MDR TB patients, admitted in TB hospital at Shiwri, Mumbai and Nursing Care Bundle includes Assessment and health education, Nutritional Supplementation, Pulmonary hygiene and psychosocial evaluation.

*Comments by the committee*

- Find out the feasibility of study on admitted TB patients and with MDR TB
- How much time will be spent with each patient?
- Pulmonary hygiene and Psycho social terms need to be specified
- The Hospital Anxiety Scale assesses only anxiety. What are the scales for psychosocial aspects?
- Newly diagnosed cases may be considered as study participants instead of MDR TB patients
- Modify the study title, methodology and present in the next meeting.



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2. Title: Comparative study of effect of structured nursing interventions and selected complementary therapies on health related quality of life among children with asthma

PhD Student : Deepa Awlegaonkar  
Guide : Dr. Mary Mathews  
Subject : Nursing

The Ph.D student presented the topic and discussed about the methodology. She explained that the study will be conducted at selected asthma clinic / centers in Mumbai and Thane. The intervention includes Yoga and Music (instrumental - Sitar) Therapy.

*Comments by the committee -*

- Why comparing Yoga and music therapy? Justify
- Why music for asthmatic children?
- How Yoga and Music will affect the Pathogenesis?
- What is the neurophysiologic mechanism & vagal effect of both the Complementary therapies
- Find out the rationale of the study
- Check the feasibility of study
- Restructure the title, methodology and present in next meeting.

3. Title: Effectiveness of nurse led integrated patient monitoring and communication protocol on patient outcomes and nurse's competency at selected hospitals

PhD Student : Sonali Banerjee  
Guide : Dr. Mary Mathews  
Subject : Nursing

The Ph.D student presented the topic related to her area of interest. She discussed that the study is planned to be conducted in General Medical Surgical Wards with the intervention being an integrated monitoring (observe early warning signs) and communication protocol will be used for her study to assess nurses' competency and patient outcomes.

*Comments by the committee -*

- How will you observe the communication?
- What will be the outcome?
- Can the patient admitted to General Ward is comparable with a patient who is transferred from ICU
- How will you do individual assessment to check patient outcome
- Track one year ICU unexpected readmission
- Check the feasibility of study
- Consider Rapid response team concept
- Redefine the title, methodology and present in next meeting.



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4. Title: Design and evaluate best practice model in Creches

PhD Student	:	Arunima Sreeletha
Guide	:	Dr. Mary Mathews
Subject	:	Nursing

The Ph.D student presented the topic of her area of research interest. She discussed the methodology and setting of her study. She explained that the study is planned in Creches of Navi Mumbai in two phases with the cross sectional survey being in first phase and intervention in the second phase. Children attending the Creches, their care takers and mothers of children would be participating in the study.

*Comments by the committee -*

- How will you do the training of mothers?
- How will you measure the developmental milestones of children?
- Measuring the outcome at one month? No significant change will be seen
- How long will you assess the developmental milestones?
- What are the tools/scales planned?
- Redefine the title, methodology and present in next meeting.

5. Title: Effect of planned nursing intervention on TNF alpha and cognitive function of patients receiving chemotherapy for CRC at Tata Memorial Hospital, Mumbai

PhD Student	:	Anita R D'souza
Guide	:	Dr. Mary Mathews*
Subject	:	Nursing

The Ph.D student presented the title of her proposed research project. She discussed that the study will be conducted in Tata Memorial Hospital Parel on patients with Colorectal cancer in experimental and control groups. She explained that Exercise in the form of resistance & aerobic for 2.5 hours/week for a period of 8-12 weeks and Structured teaching on diet rich in Vit D will be the intervention for the study.

*Comments by the committee -*

Title of the research project accepted



6. Title: Impact of structured nursing intervention on maternal and neonatal outcome among mothers with gestational diabetes mellitus in selected hospitals of Navi Mumbai

PhD Student	:	Geeta B Sagnali
Guide	:	Dr. Mary Mathews
Subject	:	Nursing

The Ph.D student presented the title of her proposed research project. She discussed that the study will be conducted on mothers with Gestational Diabetes Mellitus

*Final Comments by the committee:*

- What is the prevalence calculated?
- What are the additional interventions than routine?
- What is the setting and how is sampling planned?
- What are the interventions and outcome indicators?
- Justify the rational for this study
- Restructure the title, methodology and present in next meeting.

7. Title: Application of balance scorecard for developing a prospective model for efficient healthcare system in Indian teaching hospital

PhD Student	:	Mukesh S Deore
Guide	:	Dr. K R Salgotra
Subject	:	Hospital Administration

The Ph.D student presented the proposed title of the research project. He discussed that the study will be conducted in three phases. The first phase will include assessment of efficiency of activities and services in teaching hospital based on Balanced Scorecard followed by identifying leading and lagging indicators. He also explained that time motion study, process flow mapping, costing and structured interviews will be the tools of the study.

*Comments by the committee:*

- How is the study different than SWOT analysis?
- Narrow down the strategic objectives
- Find out the gaps and the strategies to fill the gaps
- Conduct a Pilot study and generate the evidences. Compare with WHO data with 50-100 patients
- Restructure the title, methodology and present in next meeting.



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8. Title: A study to explore various models of patients' participation in healthcare delivery system for quality assurance in hospital

PhD Student	:	Rupali Gujar
Guide	:	Dr K R Salgotra
Subject	:	Hospital Administration

The Ph.D student presented the proposed title of the research project. She explained that the study will be conducted in the hospitals to assess involvement of patients in policy, procedure and services in the hospital. She also discussed that the questionnaires for the study will be designed based on the NABH guidelines for policy, practices and services to assess the existing system of patient participation to obtain the primary data. SOPs, Hospital manuals and observations of meetings will be considered for secondary data.

*Comments by the committee:*

- Define Methodology
- Decide outcome indicators
- How long will you check the outcome?
  - Which committee you will involve the patients?
  - Have you taken permission from the management for involving the patients in various committees?
- Interview may be conducted in two phases
  - a) Phase 1- Include Medical Superintendents for in depth Qualitative interviews
  - b) Phase 2 - Employee qualitative/ Quantitative
- Restructure the title, methodology and present in next meeting.

Meeting was concluded at 2.30 pm with vote of thanks by the Chairperson.

  
(Member Secretary)

**Minutes of the Scientific Advisory Committee (SAC)**

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 30<sup>th</sup> September 2015 in the Conference Hall. The following members had participated in the meeting:

- |                        |   |                  |
|------------------------|---|------------------|
| 1. Dr. Alaka Deshpande | : | Chairperson      |
| 2. Dr. Chander P Puri  | : | Member           |
| 3. Dr. Prabha Dasila   | : | Member Secretary |
| 4. Dr. N C Mohanty     | : | Member           |
| 5. Dr. Salgotra        | : | Member           |
| 6. Dr. Mary Mathews    | : | Member           |
| 7. Dr. Rani Shetty     | : | Member           |
| 8. Dr. Maninder Setia  | : | Member           |

Total Sixteen students presented the Progress Report of their projects.

1. **Title :** Effect of Nursing audit and competency based education regarding infection control practices during intranatal period on knowledge, attitude and practices of nursing personnel working in labour rooms of selected CHCs and PHCs of Raigad district.

<b>PhD Student</b>	<b>: Manisha Kadam</b>
<b>Guide</b>	<b>: Dr. Prabha K. Dasila</b>
<b>Subject</b>	<b>: Nursing</b>

**Progress report by the student** - Report presented by the student. She requested a letter from the University in the name of Directorate of Health Services for seeking permission for data collection at CHCs and PHCs of Raigad district.

**Final Comments by the committee -**

1. Consult Microbiology department for training on infection control.
2. Speed up the project with substantial work
3. Letter for Directorate of Health Services will be issued from the University.



2. **Title :** Effect of planned teaching on knowledge attitude and practice of skilled birth attendants on facility based newborn care at health care facilities in district of Raigad

**PhD Student** : Samruddhi Bhakare  
**Guide** : Dr. N. C. Mohanty  
**Subject** : Nursing

*Progress report by the student* - Report presented by the student. She requested a letter from the University in the name of Directorate of Health Sciences for seeking permission for data collection at CHCs and PHCs of Raigad district.

*Final Comments by the committee -*

1. Delete repetition of word facilities from th title - Search for the replacing the term. (facilities to centres)
2. Speed up the project with substantial work
3. Letter for Directorate of Health Services will be issued from the University.

3. **Title:** Impact of transformational leadership educational programme of head nurses on performance and job satisfaction of staff nurses working in selected public hospitals of Mumbai.

**PhD Student** : Maya Vadgaonakar  
**Guide** : Dr. Prabha K. Dasila  
**Subject** : Nursing

*Progress report by the student* - Report presented by the student

*Final Comments by the committee -*

1. Good progress
2. Specify activities in the intervention.

4. **Title:** Effect of nurse directed interventions on selected health behaviours and physiological parameters among adults at risk of developing diabetes mellitus in district Hisar.

**PhD Student** : Seeli Margaret S  
**Guide** : Dr. Alope Banerjee  
**Subject** : Nursing

*Progress report by the student* - Report presented by the student

*Final Comments by the committee*

1. Consult dietician for expert opinion on dietary aspect. Make a diet recall diary.
2. Speed up the project with substantial work.



5. **Title :** Effect of educational intervention on knowledge and practices on neonatal transport among skilled birth attendants and accredited social health activists.

**PhD Student** : Amar Alim Mulla  
**Guide** : Dr. Mary Mathews  
**Subject** : Nursing

*Progress report by student* - Report presented by the student

*Final Comments by the committee -*

1. Identify the PHC and CHS. Find the neonates transported to district hospital from these CHCs and PHCs. Population - Only those from these centers.
2. Check the neonatal mortality / morbidity among the neonatal transported to District Hospital 6 months prior and after the training.
3. Speed up the project.

6. **Title :** Educational intervention programme regarding birth preparedness on "outcome of pregnancy among primigravida women".

**PhD Student** : Supriya Chichpure  
**Guide** : Dr. Alaka Deshpande  
**Subject** : Nursing

*Progress report by student* - Report presented by the student

*Final Comments by the committee -*

1. Use Computer generated randomization for sample selection.
2. Speed up the project.

7. **Title :** Effect of emotional intelligence training programme on psychosocial skill and clinical performance among nursing students of selected nursing colleges in Maharashtra.

**PhD Student** : Madhavi Ghorpade  
**Guide** : Dr. Prabha K. Dasila  
**Subject** : Nursing

*Progress report by student* - Report presented by the student

*Final Comments by the committee -*

1. Contact experts at NIMHANS for preparation of tools
2. Make a specific plan for group activities and present in the next meeting
3. Specify exactly what you are going to do under each component of emotional intelligence training programme.
4. Speed up the project.



8. Title : Effect of educational intervention on awareness regarding Prevention, identification of early signs and early care of stroke among hypertensive patients.

PhD Student : Sucheta Yangad  
Guide : Dr. Alope Banerjee  
Subject : Nursing

*Progress Report by student* - Report presented by the student

*Final Comments by the committee* -

1. Modify the title - Make it risk reduction instead of prevention
2. Speed up the project.

9. Title : Effect of psycho-educational approach on alcohol expectancies among the adolescents.

PhD Student : Alik Rae  
Guide : Dr. Mary Mathews  
Subject : Nursing

*Progress Report by student* - Report presented by the student. He requested permission for change in setting.

*Final Comments by the committee* -

1. Consent from parents will be required for minors. Increase to age group.
2. Can include Rural and Urban comparison
3. Slow Progress - No work in the project.
4. Speed up the project.

10. Title : Effect of family based intervention regarding nutritional status of children of a selected rural community.

PhD Student : Asmita Kamble  
Guide : Dr. Mary Mathews  
Subject : Nursing

*Progress report by the student* - Report presented by the student

*Final Comments by the committee* -

1. Survey the area for type of food preferences and food availability.
2. Speed up the project

11. Title: Effect of squatting on knee articulate cartilage in healthy adults.

PhD Student : Bela Agarwal  
Guide : Dr. Rajani Mullerpatan  
Subject : Physiotherapy

*Progress Report by the student* - Report presented by the student

*Final Comments by the committee* -

1. Pretest the tool.
2. Speed up the project.



- 12. Title :** Comparison of verbal, written and video based health education followed by reminders regarding prevention and early detection of cervical cancer on knowledge, attitude and participation for cervical screening among women in selected hospital of Pune city.

**PhD Student** : Seeta Devi  
**Guide** : Dr. Prabha K. Dasila  
**Subject** : Nursing

*Progress Report by the student* - Report presented by the student.

*Final Comments by the committee* -

1. Modify the title - Remove the words followed by reminders
2. Speed up the project with substantial work.

- 13. Title :** Effectiveness of assertiveness training on dating violence amongst college students.

**PhD Student** : R. Jeyasutha  
**Guide** : Dr. Rakesh Ghildiyal  
**Subject** : Nursing

*Progress Report by the student* - Report presented by the student

*Final Comments by the committee* -

1. Get Assertive Communication Training validated by an expert
2. Conduct a Pre-pilot work
3. Speed up the project.

- 14. Title :** Impact of specially devised intervention package on quality of life among senior citizens in slums areas of Thane district : an experimental field trial.

**PhD Student** : Bhadrapriya Parab  
**Guide** : Dr. Gajanan D. Velhal  
**Subject** : Nursing

*Progress Report by the student* - Report presented by the student

*Final Comments by the committee* -

1. Speed up the project.



- 15. Title :** Compare efficacy of cognitive behavioral therapy Vs Jacobson's relaxation techniques on level of stress, burnout and coping among nurses working in tertiary care hospitals.

**PhD Student** : Vishalkumar D Powar  
**Guide** : Dr. Rakesh Ghildiyal  
**Subject** : Nursing

**Progress Report by the student** - Report presented by the student

**Final Comments by the committee -**

1. Get the tools validated.
2. Get yourself trained for providing Cognitive Behavioral Therapy
3. Get the intended intervention for the research validated by experts.
4. Speed up the project

- 16. Title :** Impact of Village based planning - need oriented community initiative to address nutritional problems among children in the age group of 0 to 5 years in rural areas, Vidarbha, Maharashtra.

**PhD Student** : Amrapali Gajbhiye  
**Guide** : Dr. G. Vellhal  
**Subject** : Nursing

**Progress Report by the student** - Report presented by the student

**Final Comments by the committee -**

1. Permission from Local Ethical required
2. Speed up the project.

  
(Member Secretary)

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**Minutes of the "Committee to Develop and Validate Tools including  
Questionnaire for Medical and Health Research**

Meeting of Scientific Advisory Committee, MGM Institute of Health Sciences, Navi Mumbai to develop and validate tools including questionnaire for Medical and Health Research was held on 9<sup>th</sup> May 2018 in the Conference Hall. Following members were present in the meeting:

1. Dr. Alaka Deshpande	:	Chairperson
2. Dr. Prabha Dasila	:	Member Secretary
3. Dr. N. C. Mohanty	:	Member
4. Dr. Mary Mathews	:	Member
5. Dr. Gajanan Velhal	:	Member
6. Dr. Maninder Setia	:	Member
7. Dr. Rakesh Ghildiyal	:	Member
8. Dr. J.C.Sharma	:	Member

Dr. Alaka Deshpande welcomed the committee members to the meeting. Total 8 Ph.D. Students from Nursing, Hospital administration and Health Profession Education presented the tools of their research project.

1. Title: Evaluation of Microteaching as Teaching –Learning tool for Teachers in Health Sciences.

PhD Student	:	Madhavi Manker
Guide	:	Dr. Siddharth Dubhashi*
Subject	:	Health Profession Education

The Ph.D. student presented the tools of her study. The members raised their queries regarding the methodology and contents of tool on Microteaching.

***Final Comments by the committee –***

- Have clarity in the methodology of study.
- Determine the study group.
- Refer other published studies on Microteaching from general education. Consult your guide and Modify Appendix A prepared on Microteaching.

***Present the tool in next meeting after making necessary changes.***

2. Title: Effect of nurse led intervention on TNF alpha, cognitive and non-cognitive function of patients receiving chemotherapy for CRC at Tata Memorial Hospital.

PhD Student	:	Anita D'souza
Guide	:	Dr. Mary Mathews*
Subject	:	Nursing

The Ph.D. student presented the tools of her study. After discussions on the study methodology, supplementation of Vitamin D and the intervention, the members suggested as follows;

***Final Comments by the committee –***

- The Standardized tools to be pretested to ascertain cross cultural language relevance.
- The tool to be translated in Hindi, Marathi as well as Bangoli as patients treated at Tata Memorial Hospital, Parel Mumbai hail from different parts of country, especially Maharashtra, Uttar Pradesh and West Bengal.

***Tools are accepted.***



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3. Title: Effect of spouse support interventions on knowledge regarding infertility, stress and quality of life among infertile couples attending selected fertility centres.

PhD Student	:	Sonali Banerjee
Guide	:	Dr. Mary Mathews*
Subject	:	Nursing

The Ph.D. student presented the tools of her research study. The members suggested to link the spouse with index case and write as couple no Male / Female.

*Final Comments by the committee –*

- Avoid use of technical terms.
- Find knowledge on different treatment modalities instead of treatment.
- For stress tool, if author is not responding, write to the editor of Journal, to acquire necessary permission to use the tool.

*Tools are accepted.*

4. Title: Impact of traditional versus brain based learning (BBL) approach on knowledge, clinical performance, motivation and self-esteem among B.Sc. nursing students.

PhD Student	:	Kiti Jamdar
Guide	:	Dr. Prabha Dasila *
Subject	:	Nursing

The Ph.D. student presented the tools prepared for her research study. She also presented the standardized tools applicable for the study.

*Final Comments by the committee –*

- Check the factor loading statistically.
- Modify few knowledge questions.

*Tools are accepted.*

5. Title: Patients' perceived service quality for Mahatma Jyotiba Phule Jan Arogya Yojna (A Study based in Raigad district, Maharashtra)

PhD Student	:	Rupali Gujar
Guide	:	Dr. K. R. Salgotra*
Subject	:	Hospital Administration

The Ph.D. student presented the tools of her research study. She also explained the methodology of her project. The chairperson suggested to modify the title to enhance the scope of Ph.D. work.

*Final Comments by the committee –*

- *Suggested Title: Asses the Administrative Management of Mahatma Jyotiba Phule Jan Arogya Yojna (MJPJAY) instead of Patients' perceived service quality for Mahatma Jyotiba Phule Jan Arogya Yojna (A Study based in Raigad district, Maharashtra)*
- Modify the objectives based on suggested title.
- The objectives may also include the problem faced in implementing the scheme and pitfalls/difficulties in receiving funds.

*Present the tools in the next meeting after necessary changes.*



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6. Title: Develop and evaluate practice model for care givers in crèches.

PhD Student	:	Arunima S.
Guide	:	Dr. Mary Mathews*
Subject	:	Nursing

The student presented the tools of her research study. The committee members discussed on activities planned for care givers and mothers and found too many activities.

*Final Comments by the committee -*

- Plan the time for activities to be observed. Maximum (15-20) may be planned for care givers and mothers.
- Focus on environmental aspect rather than Medical.
- Include observation of the social and behavioral development of child.

*The tools are accepted with suggested changes.*

7. Title: Impact of Nurse directed intervention for management of anemia in pregnancy.

PhD Student	:	Geeta Sagnali
Guide	:	Dr. Mary Mathews*
Subject	:	Nursing

The Ph.D. student presented the tools of her study. Standardized tool for KAP on anemia had been presented.

*Final Comments by the committee -*

- Modify the Standardized KAP tool and pretest to ascertain cross cultural relevance. Remove the food items, commonly not consumed by Indians.
- Explain the possibility of distribution of Hyderabad mix through the anganwadi workers.
- Use revised Kuppurwamy scale for socio-demographic profile.
- Set the limits for increase in hemoglobin level.

*Tool accepted with necessary changes.*

8. Title: Effect of structured nursing interventions on self-management behaviour and health related quality of life among children with Bronchial Asthma.

PhD Student	:	Deepa Awlegoankar
Guide	:	Dr. Mary Mathews*
Subject	:	Nursing


The Ph.D. student presented the tools of her research study.

*Final Comments by the committee -*

- Increase the number of items for parental involvement in promoting self management behaviour and prepare a separate tool.

*Tools are accepted with suggested changes.*

Meeting was adjourned at 5.00 pm with vote of thanks.

  
(Member Secretary)



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**Minutes of the Meeting constituted to "Develop and Validate Tools including Questionnaire for Medical and Health Research"**

Meeting of the committee constituted to "Develop and Validate Tools including Questionnaire for Medical and Health Research" held on 06<sup>th</sup> May 2016 between 10.00 am to 5.00 pm in the Conference Room, 3<sup>rd</sup> Floor, MGMIHS Navi Mumbai. Following members participated in the meeting;

- |                             |   |                  |
|-----------------------------|---|------------------|
| 1. Dr. Maninder Singh Setia | - | Chairperson      |
| 2. Dr. Prabha Dasila        | - | Member Secretary |
| 3. Dr. Rakesh Gildiyal      | - | Member           |
| 4. Dr. Mary Mathew          | - | Member           |
| 5. Dr. J C Sharma           | - | Member           |
| 6. Dr. Gajanan D. Velhal    | - | Member           |

Dr. Maninder Singh Setia welcomed the members to the meeting and asked students to be specific in their presentation.

Total 04 Ph.D. students presented the tools prepared by them and/or standardized tools based on their research projects. The final comments of committee for each student is as detailed below.

**1. Ph.D Student : Farzana Begum**

**Guide : Dr. Prabha K. Dasila**

**Title : Impact of parent-child education programme on physical, psychosocial and school performance among internet addicted teens in selected schools of Mumbai.**

***Final Comments by the committee:***

Tool approved with minor corrections

- Administer the screening tool first.
- Make grading of tool as instructed during the presentation form strongly agree to disagree.
- Speed up the research work.





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2. **Ph.D Student** : Seeli Margret S  
**Guide** : Dr. Alope Banerjee  
**Title** : Effect of nurse directed interventions on selected health behaviours and physiological parameters among adults at risk of developing diabetic mellitus in district Hisar.

***Final Comments by the committee***

Tool approved with minor corrections

1. Administer the screening tool first. Use Indian diabetic risk score.
2. Modify the demographic form as;
  - Age open ended. The age group could be up to 60 years.
  - Religion - Categorize recognized Indian religion (refer Kuppuswamy Scale).
  - Education –open ended.
3. Use standardized tool for dietary recall. Assess 24 hours dietary recall for 3 days.
4. Conduct pilot study and check the feasibility and reliability of tools.
5. Speed up the research work.

3. **Ph.D Student** : Sucheta Yangad  
**Guide** : Dr. Alope Banerjee  
**Title** : Effect of educational intervention on knowledge regarding risk reduction, identification of early signs and early care of stroke among hypertensive patients.

***Final Comments by the committee:***

Tool approved with minor corrections

1. Find Indian standards for BMI.
2. Follow the guidelines prescribed in the standardized stroke risk assessment tool for scoring system.
3. Use standardized tool for consumption of tobacco and alcohol.
4. Redo diet chart. Get required information from National Institute of Nutrition Hyderabad





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4. **Ph. D Student** : Seeta Devi  
**Guide** : Dr. Prabha K. Dasila  
**Title** : Comparison of verbal, written and video based health education followed by reminders regarding prevention and early detection of cervical cancer on knowledge ,attitude and participation for cervical screening among women in hospitals of Pune city

***Final Comments by the committee:***

Tool approved with minor corrections

1. Find out tools to seek obstetrical history, family planning and sexual behaviour.
2. Make grading of tool as instructed during the presentation form strongly agree to disagree.
3. Characters in the video should represent Indian nationals.
4. Check the availability of validated videos at Tata Hospital, Mumbai.

The meeting ended with thanks to the chair. Date and agenda for next meeting to be decided.

  
(Member Secretary)

**Minutes of the Meeting constituted to "Develop and Validate Tools including Questionnaire for Medical and Health Research"**

Meeting of the committee constituted to "Develop and Validate Tools including Questionnaire for Medical and Health Research" held on 04<sup>th</sup> November 2015 between 10.00 am to 7.00 pm in the Conference Room, 3<sup>rd</sup> Floor, MGMIHS Navi Mumbai. Following members participated in the meeting;

- |                             |   |                  |
|-----------------------------|---|------------------|
| 1. Dr. Maninder Singh Setia | - | Chairperson      |
| 2. Dr. Alaka Deshpande      | - | Member           |
| 3. Dr. Prabha Dasila        | - | Member Secretary |
| 4. Dr. N C Mohanty          | - | Member           |
| 5. Dr. J C Sharma           | - | Member           |
| 6. Dr. Mary Mathews         | - | Member           |
| 7. Dr. Gajanan D. Velhal    | - | Member           |
| 8. Dr. Sanjay Chauhan       | - | Member           |

Dr. Maninder Singh Setia welcomed the members to the meeting and asked students to be specific in their presentation.

Total 08 Ph.D. students presented the tools prepared by them and/or standardized tools based on their research projects. The final comments of committee for each student is as detailed below.

- |                 |   |  |
|-----------------|---|--|
| 1. Ph.D Student | : | Manisha Kadam  |
| Guide           | : | Dr. Prabha K. Dasila   |
| Title           | : | Effect of Nursing audit and competency based education regarding infection control practices during intra - natal period on knowledge, attitude and practices of nursing personnel working in labour rooms of selected CHCs and PHCs of Raigad District. |

**Final Comments by the committee:**

Tool approved with minor corrections

- a) Put Client ID number on the top and page number at the bottom of each page.
- b) Make the Audit checklist for labour room under certain heads like; Cleanliness, Disinfection etc.



2. **Ph.D Student** : Devita Nalawade  
**Guide** : Dr. N C Mohanty  
**Title** : Effect of planned teaching on the knowledge, attitude and skills of the health workers regarding care of newborn at birth in the selected tribal community in the District Raigad.

***Final Comments by the committee***

1. Make corrections in the structured interview schedule as advised during the presentation.
2. Make separate tools for ASHA workers and ANM & GNM staffs.
3. Find job functions of all three categories of personnel as per Govt. of India, and accordingly prepare the questionnaire for Knowledge, Attitude and Practices.
4. Use observation checklist for Practices under simulated conditions.
5. Visit the site and find out the vital statistics.
6. Include the sub districts and rural hospitals.

3. **Ph.D Student** : Madhavi Ghorpade  
**Guide** : Dr. Prabha K. Dasila  
**Title** : Effect of emotional intelligence training program on psychosocial skill and clinical performance among nursing students of selected nursing colleges in Maharashtra.

***Final Comments by the committee:***

Tool approved with minor corrections

1. Use correct English
2. Modify questions in Psychosocial scale as advised during the meeting
3. Modify clinical Performance tool – Teachers can evaluate.
4. Pretest the tools.

4. **Ph. D Student** : Alik Rae  
**Guide** : Dr. Mary Mathews  
**Title** : Effect of psycho-educational approach on alcohol expectancies among the adolescents.

***Final Comments by the committee:***

1. Present the AEQ (Alcohol Expectancy questionnaire) – Standardized tool along with the reliability and interpretation in the next meeting.
2. Have a Conceptual framework and present.
3. Find out what percentage of this age group adolescents with alcoholism.



**5. Ph.D Student : Asmita Kamble**

**Guide : Dr. Mary Mathews**

**Title : Effect of family based intervention regarding nutritional status of children of a selected rural community.**

***Final Comments by the committee:***

1. For Tool
  - a) Refer modified Kuppuswamy scale for Socio demographic data.
  - b) Make changes in the tool as advised during the presentation
2. For Intervention
  - a) Find out the dietary practices and reasons for malnourishment and accordingly make the intervention package.
  - b) Make evidence based package instead of preconceived one.
  - c) Specify the type of intervention for the study individual family tailored or group intervention.
3. Make the Conceptual Framework of the project.

**6. PhD Student : Bhadrapriya Parab**

**Guide : Dr. Gajanan D. Velhal**

**Title : Impact of specially devised intervention package on quality of life among senior citizens in slum areas of Thane district: an experimental field trial.**

***Final Comments by the committee:***

1. Approved

**7. PhD Student : Amrapali Gajbhiye**

**Guide : Dr. Gajanan D. Velhal**

**Title : Impact of Village based planning need oriented community initiative to address nutritional problems among children in the age group of 0 to 5 years rural areas Vidarbha Maharashtra.**

***Final Comments by the committee:***

1. Add one column in form no. 4 for regular and additional assessment
2. Tool Approved



**8. PhD Student : Seeli Margaret**

**Guide : Dr. Alope Banerjee**

**Title : Effect of nurse directed interventions on selected health behaviours and physiological parameters among at risk of developing diabetes mellitus in district Hisar.**

***Final Comments by the committee:***

1. Only Random blood sugar along with Demographic data and Physical measurements advised.
2. Suggested to conduct the study in the OPDs for relatives of Diabetic patients.
3. Contact National Institute of Nutrition for information on diet.

  
(Member Secretary)

**Minutes of the Meeting constituted to "Develop and Validate Tools including Questionnaire for Medical and Health Research"**

Meeting of the committee constituted to "Develop and Validate Tools including Questionnaire for Medical and Health Research" held on 14<sup>th</sup> October 2015 between 10.00 to 7.00 pm in the Conference Room, 3<sup>rd</sup> Floor, MGMIHS Navi Mumbai. Following members participated in the meeting;

- |                             |   |                  |
|-----------------------------|---|------------------|
| 1. Dr. Maninder Singh Setia | - | Chairperson      |
| 2. Dr. Prabha Dasila        | - | Member Secretary |
| 3. Dr. N C Mohanty          | - | Member           |
| 4. Dr. J C Sharma           | - | Member           |
| 5. Dr. Mary Mathews         | - | Member           |
| 6. Dr. Rakesh Ghildiyal     | - | Member           |

Dr. Maninder Singh Setia (Chairperson) welcomed the members to the meeting and asked students to be specific in their presentation.

Total 07 Ph.D. students presented the tools prepared by them and/or standardized tools based on their research projects. The final comments of committee for each student is as detailed below.

1. **Ph.D Student** : **Manisha Kadam**  
**Guide** : **Dr. Prabha K. Dasila**  
**Title** : Effect of Nursing audit and competency based education regarding infection control practices during intra - natal period on knowledge, attitude and practices of nursing personnel working in labour rooms of selected CHCs and PHCs of Raigad District.

***Final Comments by the committee:***

1. Modify the objective no. 1 & 2 and conduct assessment in the beginning and after 12 months of intervention.
2. Operationally define Purperial Sepsis.
3. Be specific about Neumerator and Denominator under morbidity.
4. Modify the tools and present in the next meeting.
  - a. Skill Checklist – See whether certain activities are feasible.
  - b. Suggested assessment of knowledge by Self Reporting and practice by Observation, Checklist



2. **Ph.D Student** : Vishalkumar Powar  
**Guide** : Dr. Rakesh Ghildiyal  
**Title** : Compare efficacy of cognitive behavioral therapy Vs Jacobson's relaxation techniques on level of stress, burnout coping among nurses working in tertiary care hospitals.

*Final Comments by the committee*

1. Check the reliability of tool in Indian Population.
2. Check in WHO website whether the selected Standardized tool has been used for Indian population and find out the availability of these tools in National language.

3. **Ph.D Student** : R Jeysutha  
**Guide** : Dr. Rakesh Ghildiyal  
**Title** : Effectiveness of assertiveness training on dating violence amongst college students.

*Final Comments by the committee:*

1. Operationally define Dating. (Refer Circles of Sexuality)
2. Translate the tool into Hindi and Marathi and check the reliability.
3. Remove the labels from the tool while administering
4. Conduct a pre pilot study.

4. **Ph. D Student** : Samruddhi Bhakare  
**Guide** : Dr. N. C. Mohanty  
**Title** : Effect of planned teaching on knowledge attitude and practice of skilled birth attendants on facility based newborn care at health care centers in district of Raigad.

*Final Comments by the committee:*

1. Do not write short forms in objectives
2. Do not use exclusive criteria (No number should be missing)
3. Modify the tool as suggested during presentation.



5. **Ph.D Student** : Seeta Devi

**Guide** : Dr. Prabha K. Dasila

**Title** : Comparison of verbal, written and video based health education followed by reminders regarding cervical cancer on knowledge, attitude and practices and participation in cervical cancer screening among women residing in an urban community.

***Final Comments by the committee:***

1. Follow Kuppaswamy's Scale for Socioeconomic status. Keep the questions Open ended for all numbers and categorize them later.
2. Modify the tools as suggested during presentation and present in the next meeting.

6. **PhD Student** : Sucheta Yangad

**Guide** : Dr. Alope Banerjee

**Title** : Effect of educational intervention on awareness regarding prevention, identification of early signs and early care of stroke among hypertensive patients.

***Final Comments by the committee:***

1. Modify the Title - Replace the word **Prevention** with **Risk Reduction**. Remove the words - *early care of stroke*. Discuss with your guide and make the changes suggested during the presentation. Suggested modifications - Knowledge on risk reduction and identification of early signs of stroke.
2. Keep two groups. (Intervention - 250 and control group-250)
3. One group can be administered intervention and other group information booklet.
4. Prepare the tools after modifying the title and methodology of project as suggested.
5. Present in the next meeting.



7. **PhD Student** : Maya Vadgaonkar

**Guide** : Dr. Prabha K. Dasila

**Title** : Impact of transformational leadership educational program of Head Nurses on performance and job satisfaction of staff nurses working in selected public hospitals of Mumbai.

***Final Comments by the committee:***

1. Check the reliability of tools
2. Take video recording - Before and after the training
3. Refer Foundations of Nursing textbooks to find appropriate words for inter and intrapersonal communication tools.

  
(Member Secretary)

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**Minutes of the Meeting constituted to "Develop and Validate Tools including Questionnaire for Medical and Health Research"**

Meeting of the committee constituted to "Develop and Validate Tools including Questionnaire for Medical and Health Research" held on 10<sup>th</sup> July 2015 between 10.00 to 5.00 pm in the Conference Room, 3<sup>rd</sup> Floor, MGMIHS Navi Mumbai. Following members participated in the meeting;

- |                             |   |                  |
|-----------------------------|---|------------------|
| 1. Dr. Maninder Singh Setia | - | Chairperson      |
| 2. Dr. Alaka Deshpande      | - | Member           |
| 3. Dr. Prabha Dasila        | - | Member Secretary |
| 4. Dr. G D Velhal           | - | Member           |
| 5. Dr. Mary Mathews         | - | Member           |

Dr. Maninder Singh Setia (Chairperson) welcomed the members to the meeting and asked students to be specific in their presentation.

Total 07 Ph.D. students presented the tools prepared by them and/or standardized tools based on their research project. The final comments of committee for each student is as detailed below.

1. **Ph.D Student** : Sanjay Sevak  
**Guide** : Dr. Rakesh Ghildiyal  
**Title** : Effectiveness of Self Help Skills Training On Performance of Activities of Daily Living And Basic Social Skills Among Children With Intellectual Disability.

***Final Comments by the committee:***

1. Use Modified Kuppaswamy's Scale for Socioeconomic data.
2. Following points to incorporate in the tool prepared by researcher.
  - Type of family to be specified in a box
  - Delivery detail (history) – like previous abortion, mother's age, full term / Pre term
3. Prepare a screening tool for sample selection.
4. Use an interview schedule for parents and teachers; to find out the basic social skills of children observed by parents and teachers.



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- 2. Ph.D Student : Bela Agarwal**  
**Guide : Dr. Rajani Mullerpatan**  
**Title : Effect of squatting on knee articular cartilage in healthy adults**

*Final Comments by the committee:*

1. Prepare a screening tool for sample selection
2. Standardize the sweat drawn from knee joint.
3. Include RA investigation in the study.
4. Submit NOC from the respective agency supporting for the investigations.
5. Keep the activity time open ended in MGM SEQ Questionnaire. Make as current and past activity with a time frame.

- 3. Ph.D Student : Dr. Vrushali Panhale**  
**Guide : Prof. Bharati Bellare**  
**Title : The integration of evidence based practice in Physiotherapy education.**

*Final Comments by the committee:*

1. The researcher presented data abstraction sheet pertaining to phase I of the study. The phase II guide will be based on the literature and results of phase I.
2. Following points are suggested in the questionnaire;
  - Add whether the term systematic review and meta-analysis was included in the syllabus.
  - Add either not mentioned or could not locate in every part of the questionnaire where ever applicable.

- 4. Ph.D Student : Meruna**  
**Guide : Dr. Bharti Bellare**  
**Title : The effect of dual task oriented training on functional outcome and the health related quality of life of Parkinson's Disease in Indian Population**

*Final Comments by the committee:*

1. Elaborate the characteristics of Professionals in the study.
2. Pilot test the tool on patients and find out the feedback from counselors regarding acceptance of tool by the patients.



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5. **Ph.D Student** : **Supriya Chinchpure**  
**Guide** : **Dr. Alaka Desphande**  
**Title** : Educational Intervention Programme Regarding Birth Preparedness on Outcome of Pregnancy among Primigravida Women.

*Final Comments by the committee:*

1. Keep all the questions under socio demographic data as open ended.
2. Replace the word - *danger signs* to *serious signs* in the tool.
3. Avoid using technical terms, add questions on family planning
4. Go through the literature and existing standardized tools.
5. Prepare process documentation tool.

6. **Ph.D Student** : **Rehul B. Pandit**  
**Guide** : **Dr. Mary Mathews N.**  
**Title** : Effect of Caregivers Education Programme on Functional Status and selected aspects of Health related Quality of life among Cerebrovascular Accident Patients in selected Hospitals.

*Final Comments by the committee:*

1. Keep all the questions under socio demographic data as open ended.
2. Change the format / style of questioning. Place Yes / No and Do not know answer on the top of the column, leaving the space blank for the tick mark against each question.
3. Reframe the questions as suggested during the presentation.
4. Refer CDC, Pubmed and other Government recognized websites for standardized tools.

7. **Ph.D Student** : **Sharad Pandit**  
**Guide** : **Dr. Boricha B. G.**  
**Title** : Impact of Skill Training Programme regarding Essential Obstetric & Newborn Care (EONC) during Labour on the competencies of Nurses in a selected Rural Health Setup.

*Final Comments by the committee:*

1. Keep all the questions under socio demographic data as open ended.
2. Observation checklist to be modified. Decide how many deliveries per nurse will be observed after the intervention.
3. Keep only one single concept in one question.
4. Prepare observation checklist for assessment of sterilization in the unit.

The meeting ended at 5 pm with thanks to the chair.

  
(Member Secretary)

**Minutes of the Meeting constituted to "Develop and Validate Tools including Questionnaire for Medical and Health Research"**

Meeting of the committee constituted to "Develop and Validate Tools including Questionnaire for Medical and Health Research" held on 12<sup>th</sup> June 2015 between 10.00 to 7.00 pm in the Conference Room, 3<sup>rd</sup> Floor, MGMIHS Navi Mumbai. Following members participated in the meeting;

- |                             |   |                  |
|-----------------------------|---|------------------|
| 1. Dr. Maninder Singh Setia | - | Chairperson      |
| 2. Dr. Alaka Deshpande      | - | Member           |
| 3. Dr. Prabha Dasila        | - | Member Secretary |
| 4. Dr. J C Sharma           | - | Member           |
| 5. Dr. G D Velhal           | - | Member           |
| 6. Dr. Mary Mathews         | - | Member           |
| 7. Dr. Rakesh Ghildiyal     | - | Member           |
| 8. Dr. Rajani Mullerpatan   | - | Member           |

Dr. Maninder Singh Setia (Chairperson) welcomed the members to the meeting and asked students to be specific in their presentation.

Total 12 Ph.D. students presented the tools prepared by them and/or standardized tools based on their research project. The final comments of committee for each student is as detailed below.

1. **Ph.D Student** : Thresiamma Sugathan  
**Guide** : Dr. Mary Mathews  
**Title** : Awareness, Attitude and initiative for leading change in nursing education and practice among senior nursing personnel.

***Final Comments by the committee:***

1. Reframe the questions and make them in simple English language. Each question should have only a single concept. Avoid use of *and* in between two ideas.
2. Pick up the theme and distribute the questions under agree/disagree, true/false, most important/least important.
3. For quantitative data (Open ended questions) consult your guide and decide on two options:
  - (a) Focus group discussion to collect the data.
  - (b) A pilot study to find out answers for open ended questions.
4. Comply with the suggestions and submit the tool to university for final approval.



2. **Ph.D Student** : **Bharti Vijay Veer**  
**Guide** : **Dr. Jaishree Ghanekar**
- Title** : Effect of multipronged health awareness counseling on knowledge and practices in relation to prevention of coronary artery disease among professional with sedentary lifestyle living in Mumbai.

***Final Comments by the committee***

1. Change the term Professional to **Personnel** in the title of study.
2. Prepare screening and process documenting tool.
3. Operationally define the sedentary lifestyle.
4. Comply with the suggestions and submit the tool to university for final approval.

3. **Ph.D Student** : **Mangalam Sriram**  
**Guide** : **Dr. Prakash Doke**
- Title** : The impact of communication on self care management among individuals with Type II diabetes mellitus in an urban community.

***Final Comments by the committee:***

1. Information Booklet:
  - a. Arrange the healthy tips in a logical sequence as suggested by the committee. Avoid illustrating the picture with any brand of product instead label the container with the actual content in it.
  - b. Grade the common food exchanges of protein sources for vegetarian and non-vegetarian people. Remove beef from the non- vegetarian items.
  - c. Include symptoms of type II Diabetics Miletus including various common infections.
2. Questionnaire:
  - a. Modify Question number: 2,4,8,14,20,25,30, 31D, 32D & 33D and reframe Question 34 and 35 as suggested by the Committee.
  - b. Add some questions related to effects of Diabetics Miletus on heart, kidney and sexual dysfunctions.
3. Comply with the suggestions and submit the tool to university for final approval.



**4. Ph. D Student : Suchita Sawant**

**Guide : Dr. Jaishree Ghanekar**

**Title : Pulmonary rehabilitation of COPD Patients: Impact of information booklet and demonstration of breathing techniques on knowledge and practices of patients.**

***Final Comments by the committee:***

1. Information Booklet: Information booklet needs to have more information. Add information as suggested by the committee during the meeting.
2. Questionnaire :
  - a. Check CDC website for patient information sheet and ask specific questions.
  - b. Refer J E Park Textbook of Preventive and Social Medicine to find questions related to housing and environmental sanitation.
  - c. Questions should have mutually exclusive answers.
3. Prepare screening and process documenting tool.
4. Comply with the suggestions and submit the tool to university for final approval.

**5. Ph.D Student : Gargee Karadkar**

**Guide : Dr. Alaka Deshpande**

**Title : Development and validation of information booklet for discharge planning of Acute Coronary Syndrome patients.**

***Final Comments by the committee:***

1. Keep the demographic data as open ended. Capture the linear data and categorize later on
2. Keep the Yes and No questions with some negative answers.
3. Make the observations check-list for practices of nurses at the time of discharge. Elaborate the check list on specific points e.g. Medication - dosage timings etc.
4. Comply with the suggestions and submit the tool to university for final approval.



**6. PhD Student : Padmaja Dhawale**

**Guide : Dr. N C Mohanty**

**Title :** Management of low birth weight infants with selected home care interventions and its impact on growth, development morbidity and mortality after their discharge from hospital up to one year.

***Final Comments by the committee:***

1. Keep the demographic data as open ended. Capture the linear data and categorize later on.
2. Structured Questionnaire: Have only one correct answer in each question.
3. For Practices: Divide certain sections to Observation checklist and some to questions on reported practices. This data will be collected during your visits at home.
4. Prepare process documenting tool.
5. Comply with the suggestions and submit the tool to university for final approval.

**7. PhD Student : Sindhu Thomas**

**Guide : Dr. N C Mohanty**

**Title :** Impact of antenatal counseling and breast crawl on lactation, growth, development and incidence of common infections among infants.

***Final Comments by the committee:***

1. Modify the knowledge question nos.: 5,10,11,17,23 and 25 of the questionnaire
2. Use colour scale to question no. 5 & 17.
3. Comply with the suggestions and submit the tool to university for final approval.

**8. PhD Student : Shubhangi R Jadhav**

**Guide : Dr. Ashok Kalyanshetti**

**Title :** Assess the risk factors associated with myocardial infarction among 18-45 yrs patients admitted in the selected hospitals in Mumbai with a view to develop an information booklet.

***Final Comments by the committee:***

1. Suggested to discuss with guide and omit investigations for vitamin D and vitamin B<sub>12</sub> as these investigations are expensive and not very necessary for the study.
2. Comply with the suggestions and submit the tool to university for final approval.



9. **PhD Student** : Savia Fernandes  
**Guide** : Dr. Aloke Banerjee  
**Title** : To develop and evaluate the effect of Ventilator associated Pneumonia prevention protocol for nurses working in Intensive Care units and to evaluate the effect in reducing the incidence of Ventilator associated pneumonia in multi-specialty hospitals of Mumbai.

***Final Comments by the committee:***

1. Modify the title: Delete the words *and to evaluate the effect in reducing the incidence of Ventilator Associated Pneumonia* from the title. An objective to find incidence of VAP could be part of the study.
2. Ethical clearance from all the institutes where the study will be conducted to be obtained.
3. Design the questions in such a way that there is a difference in knowledge of study participants.
4. Comply with the suggestions and submit the tool to university for final approval.

10. **PhD Student** : Saloni Desai  
**Guide** : Dr. Prakash Doke  
**Title** : To study the level of preparedness of Hospital Employees at various level of disaster management preparedness in Navi Mumbai.

***Final Comments by the committee:***

1. Check the feasibility of data collection in Public as well as in Private hospitals.
2. Convert the standardized tool to local application.
3. Comply with the suggestions and submit the tool to university for final approval.



11. PhD Student : Dhanraj Babu  
Guide : Dr. N C Mohanty  
Tittle : Impact of planned feeding intervention on nutritional status and quality of life, among children with cerebral palsy.

*Final Comments by the committee:*

1. Take permission to use the all standardized tools.
2. Comply with the suggestions and submit the tool to university for final approval.

12. PhD Student : Suchana Roy Bhowmik  
Guide : Dr. Alaka Deshpande  
Tittle : Transitional care strategies in reduction of physical and psychological effect among ICU patients.

*Final Comments by the committee:*

1. Each question should have only a single concept.
2. Modify Question no.3: The Physical and Psychological transitional effects to be divided into separate questions. Delete question no. 8.
3. Make clear-cut exclusive answers. Give Clear-cut instructions for multiple answers.
4. Comply with the suggestions and submit the tool to university for final approval.

  
(Member Secretary)

**Minutes of the Meeting constituted to Develop and Validate Tools including Questionnaire for Medical and Health Research"**

Meeting of the committee constituted to "Develop and Validate Tools including Questionnaire for Medical and Health Research" held on 14<sup>th</sup> May 2015 between 10.00 to 7 PM in the Conference Room, 3<sup>rd</sup> Floor, MGMIHS Navi Mumbai. Following members participated in the meeting;

1. Dr. Maninder Singh Setia (Chairperson)
2. Dr. Alaka Deshpande Member
3. Dr. Prabha Dasila Member Secretary
4. Dr. N C Mohanty
5. Dr. Mary Mathews
6. Dr. Shalini Bharat
7. Dr. G D Velhal

Dr. Maninder Singh Setia (Chairperson) welcomed the members to the meeting and asked students to be specific in their presentation.

Dr. Dr. G D Velhal expressed his concern regarding assessment of tools by the committee members before it is presented by the PhD. students. He proposed that the tools be circulated to each committee member (two students /member) in advance so that sufficient time is available to assess its quality.

Total 12 Ph.D. students presented the tools prepared by them and/or standardized tools based on their research project. The final comments of committee for each student is as detailed below.

- |    |                    |   |
|----|--------------------|---|
| 1. | <b>Phd Student</b> | <b>: Bharti Vijay Veer</b>  |
|    | <b>Guide</b>       | <b>: Dr.Jaishree Ghanekar</b>   |
|    | <b>Title</b>       | <b>: Effect of multipronged health awareness counseling on knowledge and practices in relation to prevention of coronary artery disease among professional with sedentary lifestyle living in Mumbai.</b> |

***Final Comments by the committee***

1. Use Modified Kuppaswamy's Scale for Socioeconomic data and also refer Demographic and Health Survey tools by National Family Health Survey (NFHS).
2. Prepare a screening tool for sample selection. The screening tool will identify the individuals with sedentary work who sit continuously for 4 hours and individuals with sedentary work who sit for 4 hours but move in between. Controlling those who do not move at all and those who move.
3. Reduce the number of knowledge questions. Make simple and specific questions relevant to the objectives and without the use of technical terms.
4. Find out Government approved public health awareness material pertaining to the research project



2. **Phd Student** : **Thresiamma Sugathan**  
**Guide** : **Dr. Mary Mathews**  
**Title** : A comprehensive study on awareness, attitude and initiative for leading change in nursing practice and nursing education among senior nursing personnel working in hospital or nursing colleges

***Final Comments by the committee:***

1. Modify the title to; Awareness, attitude and initiative for leading change in nursing education and practice among senior nursing personnel.
2. Correction in objective No. 4 – To identify the common difficulties for leading change and possible solutions. Replace the term common difficulties to barriers.
3. Most questions in awareness scale are attitude questions. Merge awareness scale with attitude scale and prepare awareness related questions. Refer other researches.
4. Explore more issues and elaborate with specific aspects of change, innovation, barriers in nursing education and practice.

3. **Phd Student** : **Mangalam Sriram**  
**Guide** : **Dr. Prakash Doke**  
**Title** : The impact of communication on self care management among individuals with diabetes mellitus in selected urban community in Mumbai.

***Final Comments by the committee:***

1. Modify the title; Add type II diabetes mellitus instead of diabetes mellitus.
2. Use Modified Kuppuswamy's Scale for Socioeconomic data and also refer Demographic and Health Survey tools by National Family Health Survey (NFHS).
3. Modify the booklet and questionnaire. Refer government validated booklets and National Family Health Survey (NFHS) tools. Also refer the booklets prepared by BMC.
4. Use standardized tools for dietary questions.



4. **Phd Student** : **Suchita Sawant**  
**Guide** : **Dr. Jaishree Ghanekar**

**Title** : The effect of information booklet and demonstration of breathing techniques on knowledge and practices in relation to pulmonary rehabilitation among patients with chronic obstructive pulmonary disease in the selected hospital of Mumbai

***Final Comments by the committee:***

1. Modify the title to; Pulmonary Rehabilitation of COPD patients: Impact of information booklet and demonstration of breathing techniques on knowledge and practices of patients.
2. Use Modified Kuppuswamy's Scale for Socioeconomic data and also refer Demographic and Health Survey tools by National Family Health Survey (NFHS). Put questions on living conditions.
3. Write the criteria for sample selection – How selection of COPD will take place patients in your study?
4. Refer global survey on tobacco by International Institute for Population Sciences (IIPS).
5. Refer government validated booklets and CDC website for patient information material. Prepare booklet compatible to local needs of the people and the content can be placed in question answer format.

5. **Phd Student** : **Gargee Karadkar**  
**Guide** : **Dr. Alaka Deshpande**

**Title** : Assessment of knowledge and information needs of Patients with acute coronary syndrome, their family Members and nurses with a view to develop and validate the information booklet for planning in selected hospitals.

***Final Comments by the committee:***

1. Modify the title to; Development and validation of information booklet for discharge planning of Acute Coronary Syndrome patients.
2. As the title is modified which mainly covers the practices of nurses for discharge planning of ACS patients the objectives need to be changed accordingly.
3. Use Modified Kuppuswamy's Scale for Socioeconomic data and also refer Demographic and Health Survey tools by National Family Health Survey (NFHS).
4. Get the questions from patients and family members before the pretest to find out the information requirements.
5. Develop an indigenous Information Booklet for Indian Population based on the needs of ACS patients.
6. Assess the knowledge and practices of nurses at the time of discharge before and with the use of information booklet.



6. **Phd Student** : **Padmaja Dhawale**

**Guide** : **Dr. N C Mohanty**

**Title** : Effect of selected home care interventions in relation to management of low birth weight infants on growth, development morbidity and mortality after their discharge from hospital up to one year in community setting in Navi Mumbai.

***Final Comments by the committee:***

1. Modify the title to; Management of low birth weight infants with selected home care interventions.
2. Objective No.1: For retrospective study to assess the incidence of morbidity and mortality among low birth weight infants in one year period collect initial information from hospital records which will be followed by home visits.
3. Make simple and specific questions relevant to the objectives and without the use of technical terms. Put "do not know" option in the knowledge questions.
4. Prepare open ended questions to fill in the numbers for demographic data.

7. **Phd Student** : **Sindhu Thomas**

**Guide** : **Dr. N C Mohanty**

**Title** : Nursing interventions for Breast Feeding and its impact on Growth, Development and incidence of common infections among infants.

***Final Comments by the committee:***

1. Modify the title to; Impact of antenatal counseling and Breast crawl on lactation, growth, development and incidence of common infections among infants.
2. Counseling of mother on 2<sup>nd</sup> and 3<sup>rd</sup> day after delivery and not immediate after delivery.
3. Make simple and specific questions relevant to the objectives and without the use of technical terms.
4. Put "do not know" option in the knowledge questions.



8. **Phd Student** : Uma Umesh Shetkar  
**Guide** : Dr. Nitin Kadam  
**Title** : Effect of Model based interventions in relation to healthy food habits on knowledge, attitude, practices and biophysiological parameters among students of secondary school in Western suburban area in Mumbai.

***Final Comments by the committee:***

1. Refer government validated tools or National Institute of Nutrition (NIN) Hyderabad approved questionnaire for assessment of healthy food habits.
2. Separate questions on fruit and vegetables under different headings.
3. Add "do not know" option in the questionnaire.
4. Pretest the checklist on healthy food habits for its feasibility which is to be filled by mother.
5. Plan the intervention according to the questionnaire.

9. **Phd Student** : Shubhangi R Jadhav  
**Guide** : Dr. Ashok Kalyanshetti  
**Title** : Assess the risk factors associated with Acute Myocardial Infarction among young adults admitted in the selected hospitals in Mumbai with a view to develop an information booklet.

***Final Comments by the committee:***

1. Replace the word young adult in the title with the exact age group you are studying. Risk factors below 35 years of age may be studied.
2. Keep open ended questions relevant to your study eg; experience of chest pain.
3. Refer validated questionnaire of Indian Institute of Population Studies for Tobacco use. Validated questionnaire of Tata Memorial Centre on tobacco use may also be considered for selection of relevant questions on your topic.
4. Refer government validated tools or National Institute of Nutrition (NIN) Hyderabad approved questionnaire for assessment of food habits.



10. **Phd Student** : **Savia Fernandes**  
**Guide** : **Dr. Alope Banerjee**  
**Title** : To develop and evaluate the effect of Ventilator associated Pneumonia prevention protocol for nurses working in Intensive Care units and to evaluate the effect in reducing the incidence of Ventilator associated pneumonia in multispeciality hospitals of Mumbai.

***Final Comments by the committee:***

1. CDC guidelines are usually followed in most of the hospital. Mention the term CDC guidelines in the questionnaire.
2. Find out if standardized tools are available. Prepare the questions such that they are dependent to your intervention. Reframe leading question.
3. Agree disagree scale be used for many questions in the tool

11. **Phd Student** : **Saloni Desai**  
**Guide** : **Dr. Prakash Doke**  
**Title** : To study the level of preparedness of Hospital Employees at various level of disaster management preparedness in Navi Mumbai.

***Final Comments by the committee:***

1. Use Modified Kuppaswamy's Scale for Socioeconomic data and also refer Demographic and Health Survey tools by National Family Health Survey (NFHS). For individual details keep open ended questions relevant to your study.
2. Knowledge on disaster management should include questions on actual knowledge of disaster management rather than perception questions.
3. Prepare parameter based questionnaire for staffs and for hospital infrastructure separately in line with the study protocol.
4. Prepare a well structured disaster protocol



12. **Phd Student** : **Dhanraj Babu**  
**Guide** : **Dr. N C Mohanty**  
**Title** : **Impact of planned feeding intervention on nutritional status and quality of life, among children with cerebral palsy.**

***Final Comments by the committee:***

1. Use Modified Kuppaswamy's Scale for Socioeconomic data and also refer Demographic and Health Survey tools by National Family Health Survey (NFHS). For individual details keep open ended questions relevant to your study.
2. Prepare a screening Tool and define what is feeding problem/ list out.
3. Separate the questionnaire and observation checklist. History related questions should be separate and observation related questions separate checklist.
4. Use Standardized tool to assess Quality of life of children with cerebral palsy

Dr. Alaka Deshpande appreciated the keen interest and untiring contribution of all the committee members throughout the day.

The meeting ended at 7pm with the thanks to the chair.

  
20/5/15  
(Member Secretary)

modified proposal shall, however, be electronically circulated to the members for perusal and record.

**B. "Developing Natural Alternatives to Synthetic Dipeptidyl peptidase-4 Inhibitors in Diabetes with Metabolic Syndrome" submitted by Dr. Ipseeta Ray (Professor, Pharmacology)**

A Pre-Proposal with the above mentioned title submitted to ICMR for financial support. The council had accepted the pre-proposal and sought the full proposal with a letter of approval of the proposal by the IAEC. However, the proposal was already approved by the IAEC in its previous meeting held on 16<sup>th</sup> Nov 2013 but with a different title, 'Efficacy and Mechanisms of dipeptidyl peptidase-4 Inhibitors in experimental diabetes with metabolic syndrome'. Since there was a change only in the title of the study without any change in the evaluation parameters and the name of the Principal Investigator the IAEC had given fresh approval to the proposal with the new title "Developing Natural Alternatives to Synthetic Dipeptidyl peptidase-4 Inhibitors in Diabetes with Metabolic Syndrome" subject to the following conditions. It was also placed on record that there should not be repetition of any parameter under the new proposal if it was studied earlier under the previously approved protocol.

The following modifications were suggested to the new proposal:

1. Wistar rats of a particular gender (Male or Female) should be used for the study to discount for gender influences on the experimental results
2. A provision should be made in the protocol to select rats with diabetes co-existing with metabolic syndrome based on the range of blood glucose and cholesterol values observed in this condition. Therefore, the upper ranges of the accepted values of blood glucose and cholesterol should be incorporated in the study protocol.
3. Retro-orbital blood collection in rats must be undertaken under the influence of general anesthetic: Ketamine instead of ether.
4. In the Form B (Part B) application to CPCSEA, following points needs to be mentioned correctly:
  - Name and address of Registered breeder from which animals will be procured.

**The research proposal needs to be resubmitted incorporating the details of methodology and suggested changes.. The modified proposal shall, however, be electronically circulated to the members for their kind perusal.**

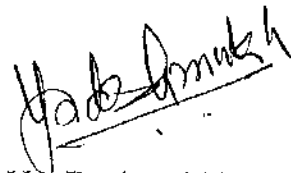


The meeting ended with the thanks to the chair

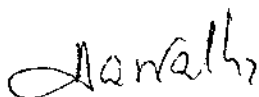
Date and agenda for next meeting to be decided.



(Dr Haladhar Dev Sarma)



(Dr YA Deshmukh)



(Dr Pascoal Carvalho)



(Dr R. S. Inamdar)



(Dr Ipseeta Ray)



(Mr Meghdut Raut)



(Dr Mohan Latkar)

The following modifications were suggested to the proposal:

1. The neurotoxic value of *Murray Koenigii* should be emphasized in the study protocol.
2. A provision should be made in the protocol to discontinue treatment with *Murray Koenigii* especially with 500 mg/kg dose, if signs of toxicity such as 15-20 % reduction in weight, diarrhea are observed in the experimental rats. Therefore, the upper ranges of the accepted values of change in body weight, liver enzymes and Creatinine should be incorporated in the study protocol.
3. The number of rats per subgroup needs to be increased for statistical significance. The number of rats/subgroup (4) committed is inadequate. The recalculated numbers need to be submitted

**The research proposal needs to be resubmitted incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal.**

- D. 'Evaluation of Multi sized gold particles associated reproductive toxicity in Male and Female Zebra fish (*Danio Rerio*)' submitted by Ms Navami Dayal (MGM Central Laboratory)**

The following modifications were suggested to the proposal:

1. The method of oral feeding of zebra fish needs to be validated since it has not been reported before. It would be interesting if the new method can be compared to the existing method where zebra fish are anesthetized with tetracaine. The behavioral studies (movement, stress, time of recovery from anesthetic agent) need to be determined to compare and validate the new method.
2. Quality control checks of the Zebra fish facility should be undertaken at regular intervals (Analysis of water, water replacement frequency, temperature, presence of ammonia, algae, disposal) for authenticity of the study results.

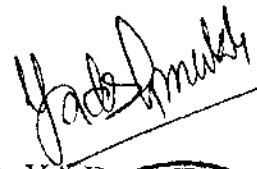
**The research proposal needs to be resubmitted incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal.**

A mock inspection of the Animal House facility was carried out. The following shortcomings were pointed out by the IAEC.

1. Height of Rabbit Cages should be according to CPCSEA guidelines.
  2. Exhaust fan needs to be installed
  3. Painting, Plastering & repair of cracks of the Animal House facility required urgently.
  5. Washing Area to be moved outside the animal House / or moved inside at an alternative place in the corner.
  6. Additional A.C. to be installed.
  7. Grill not permitted in the windows. Instead should be replaced with glass.
- It is unanimously felt that the necessary suggestions <sup>should</sup> ~~will~~ be addressed to immediately
  - The meeting ended with the thanks to the chair
  - Date and agenda for next meeting to be decided.



(Dr. Preeti Ray)



(Dr. Y.A.D. Doshi)





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### Institutional Animal Ethics Committee MGM Medical College Navi Mumbai

#### Notice

Dated: 4.2.14

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 15.2.2014 at 2.30 P.M in Dean's Chamber. Following research proposals attached as annexure I will be reviewed.

#### Copy to

- ✓ Dr. Haladhar Dev Sarma
- ✓ Shri. Meghdut Raut
- ✓ Dr. Pascoal Carvalho
4. Dr G. S. Narshetty
5. Dr. Y.A. Deshmukh
6. Dr. R.S. Inamdar
7. Dr. Ipseeta Ray
8. Dr.Mohan Latkar

Main Nominee

Non Scientific Socially Aware Member

Scientist from outside the Institute

Member — 6/2/14

Convener — Y.A. Deshmukh

Member — 6/2/14

Member Secretary — Shri

Member — Mohan Latkar

Y.A. Deshmukh  
Convener

(Dr. Y. A. Deshmukh)

## Annexure I

Sr. No	Title	Investigator	Department
1	Effect of Levofloxacin on blood glucose and lipid profile in experimental rats	Dr Ashwini Satpathy	(MD Student) Pharmacology
2	Developing Natural Alternatives to Synthetic Dipeptidyl peptidase-4 Inhibitors for Diabetes with Metabolic Syndrome	Dr Ipseeta Ray Mohanty	(Staff) Pharmacology

## **AGENDA FOR THE IAEC MEETING**

- 1) Confirmation of the minutes of the last IAEC meeting held on 16.11.13
- 2) Re-review of the research protocols discussed in the last IAEC meeting held on 16.11.13
  - A. **"Comparative study of the effect of ACE inhibitors and ARB's on bone loss in ovariectomised rat"** submitted by Dr. Snigdha Senapaty (Staff, Pharmacology)
  - B. **'Evaluation of Cardioprotective effects of the natural dipeptidyl peptidase-4 inhibitors in experimental diabetes'** submitted by Mrs. Manjusha K. Borde (PhD thesis protocol)
  - C. **'Efficacy and Mechanisms of dipeptidyl peptidase-4 Inhibitors in experimental diabetes with metabolic syndrome'** by Mr. Rajesh Kumar Suman (PhD thesis protocol)
- 3) Review of the following research protocols
  - A. **'Effect of Levofloxacin on blood glucose and lipid profile in experimental rats'** submitted by Dr Ashwini Satpathy. (MD thesis protocol)
  - B. **"Developing Natural Alternatives to Synthetic Dipeptidyl peptidase-4 Inhibitors for Diabetes with Metabolic Syndrome"** submitted by Dr. Ipseeta Ray Mohanty (Staff, Pharmacology)
- 4) Inspection of the animal house facility
- 5) Any other matter with the permission of the chair



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### Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting

In pursuance of the circular on the subject dated 6.2.14, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 2.30 PM on 15.2.14 in the Dean's office. The following functionaries attended the meeting:

1. Dr YA Deshmukh- Chairman
2. Dr Haladhar Dev Sarma-CPCSEA Nominee
3. Dr Pascoal Carvalho-Member
4. Mr Meghdut Raut-Member
5. Dr R. S. Inamdar-Member
6. Dr Mohan Latkar-Member
7. Dr Ipseeta Ray-Member Secretary

#### Proceedings

- Dr G. S. Narshetty had informed the IAEC regarding his inability to attend the IAEC meeting due to prior commitments. Leave of absence was granted to Dr Narshetty.
- Minutes of the previous IAEC meeting held on 16<sup>th</sup> Nov 13 were confirmed unanimously after discussion paragraph wise.
- Dr Ipseeta Ray informed the honourable members that research protocols of Dr. Snigdha Senapaty, Ms Manjushaw Borde and Mr Rajesh Kumar Suman which were discussed in last meeting dated 16 Nov 13, have since been modified, as suggested by the IAEC. The revised protocols with point to point reply to the queries raised were produced before IAEC for further consideration. These were discussed and unanimously approved.



- As directed by IAEC, Mr. Kishore Bhandari after obtaining approval of Research and Recognition Committee had re-submitted the revised protocol of his PhD research for further review and consideration. The earlier PhD research topic entitled 'Short and long term effects of experimentally induced diabetes mellitus on testicular histology and sex hormone profile' was modified as 'Short and long term effects on Testis in Experimentally Induced Diabetes Mellitus' without any change in the evaluation parameters. The change in topic was noted and the proposal was approved by the IAEC.

- Projects discussed

A) 'Effect of Levofloxacin on blood glucose and lipid profile in experimental rats' submitted by Dr Ashwini Satpathy. (MD thesis protocol)

1. Justification of the study along with the relevant studies should be added in the protocol.
2. The number of Levofloxacin doses to be evaluated for its hypoglycemic activity needs to be modified. Instead of just using a single human equivalent dose, half and double of human equivalent doses (three doses) should also be studied in addition for a more comprehensive understanding of the hypoglycemic activity of Levofloxacin.
3. Accordingly, the number of rats required for the study needs to be re-calculated and resubmitted.
4. The normal rat feed should be withdrawn for the study group of rats, at least for 4-6 hours, before oral feeding of levofloxacin so that the influence of diet on glucose values is taken care of.
5. The biochemical method for estimation of glucose is more reliable as compared to the aquacheck method. However, it was also felt that for estimation of glucose biochemically, retro-orbital method for blood collection would be required. This may not be feasible considering the multiple time points for blood collection committed in the study. Therefore, careful thought must be given for selection of the appropriate method for estimation of blood glucose.
6. Estimation of lipid profile may be undertaken if desired.
7. Retro-orbital blood collection must be undertaken under the influence of a general anesthetic, preferably Ketamine.

The research proposal needs to be resubmitted incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The





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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting  
dated 2<sup>nd</sup> May 2015**

In pursuance of the circular on the subject dated 13.4.15, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 9 AM on 2.5.15 in the Dean's office. The following functionaries attended the meeting:

1. Dr YA Deshmukh- Chairman
2. Dr Haladhur Dev Sarma-CPCSEA Nominee
3. Dr G. S. Narshetty
4. Dr Pascoal Carvalho-Member
5. Dr R. S. Inamdar-Member
6. Dr Mohan Latkar-Member
7. Dr Ipseeta Ray-Member Secretary

**Proceedings**

Minutes of the previous IAEC meeting held on 4<sup>th</sup> Oct 14 were confirmed unanimously after discussion paragraph wise. As the quorum was incomplete in the previous meeting, the projects were discussed once again in detail, and were approved in the present meeting once again.

• **Projects discussed**

- A) Evaluation of anti-nociceptive effects of citalopram and escitalopram in mice submitted by **Dr. Shrikrishna Kolte** (MD thesis protocol)

**The following modifications were suggested by the IAEC:**

1. Justification of the study along with the relevant information regarding test drugs should be included in the protocol.
2. The period of acclimatization of experimental animals (mice) needs to be specified in the protocol.



3. The human equivalent doses of citalopram and escitalopram need to be re-calculated giving justification of the animal doses mentioned in the protocol.

The research proposal is required to be resubmitted after incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and concurrence.

**B. 'Involvement of opioid and monoaminergic pain pathways in Aloe vera induced analgesia in rats'' by Dr Snigdha Senapaty (Staff Project)**

The following modifications were suggested by the IAEC:

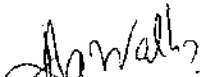
1. Instead of using rats, it was recommended to use mice in the study. In available published literature, the standard analgesic models committed in the study protocol were carried out mainly by using mice. Moreover mice are more convenient to handle as compared to rats.
2. The number of mice required for the study needs to be re-calculated and re-submitted after incorporating the modifications suggested regarding the study groups.
3. Aloe vera extract is mainly indicated for use by topical or oral route. Intraperitoneal usage of Aloe vera is not acceptable in view of the safety concerns of sterility. The oral route may be used instead.
4. The basis of selection of the sub-therapeutic doses of Aloe vera is not mentioned in the study protocol. Moreover in the absence of convincing literature support for the same, it may not be accurate nor scientifically acceptable. Therefore experimentation with sub-therapeutic doses of Aloe vera is not approved.
5. The effective dose may be used instead of sub-therapeutic doses to re-establish the analgesic activity of Aloe vera and elucidate its possible mechanism of action involving the opioid and monoaminergic pain pathways in Aloe vera induced analgesia.

The research proposal needs to be resubmitted, incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The

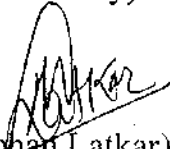
modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.

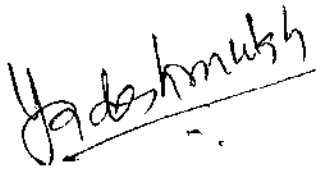
- The renovation plan of the Animal house facility was discussed. The status of the construction work and renovations plan was placed before the IAEC. The date of the Inspection of the Animal House facility was fixed on 16<sup>th</sup> May 2015.
- The meeting ended with thanks to the chair


  
(Dr Haladhar Dev Sarma)


  
(Dr Pascoal Carvalho)

  
(Dr Ipseeta Ray)

  
(Dr Mohan Latkar)

  
(Dr YA Deshmukh)

  
(Dr. G. S. Narshetty)

  
(Dr R. S. Inamdar)

**The following modifications were suggested by the IAEC:**

1. Details' regarding the process of standardization of the xenograft model of zebrafish using human glioblastoma cells needs to be incorporated in the protocol. Also mention if this is a unique model that would be developed for the first time by the investigators.
2. The model needs to be first confirmed. Include studies that are relevant in this area.
3. Institutional Biosafety Committee should be informed for the transgenic embryo studies

**The research proposal is required to be resubmitted after incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and concurrence.**

- B. 'Studies on the mechanism of action of Hemeopathic drugs on Osteoporosis in Zebra fish model'' by Ms Himanshu R Gupta (PhD thesis protocol)**

**The following modifications were suggested by the IAEC:**

1. In order to ensure quality it was suggested that Millipore water should be used for maintaining the zebra fish.
2. If feasible, reverse osmosis water should be used to increase the strength of the study.
3. Constant temperature, pH should be maintained. The excreta content (ammonia, nitrate) in the water should be estimated for quality control.

**The research proposal needs to be resubmitted, incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.**

- C) 'Evaluation of Multi Sized gold nanoparticles associated systemic toxicity in Male Zebra fish (Danio rerio) by Dr Trupti Shetty (Staff Project)**



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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting**

In pursuance of the circular on the subject dated 16.9.14, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 10 AM on 4.10.14 in the Dean's office. The following functionaries attended the meeting:

1. Dr YA Deshmukh- Chairman
2. DrHaladhar Dev Sarma-CPCSEA Nominee
3. Dr Mohan Latkar-Member
4. Dr G. S. Narshetty
5. DrIpseeta Ray-Member Secretary

**Proceedings**

6. DrPascoalCarvalho, Dr R. S. Inamdar and MrMeghdutRauthad informed the IAEC regarding their inability to attend the IAEC meeting due to prior commitments. Leave of absence was granted to the members.
- Minutes of the previous IAEC meeting held on 15<sup>th</sup> Feb 14 were confirmed unanimously after discussion paragraph wise.
  - The research protocols of Dr. Ipseeta Ray and DrAshwiniSatpathywhich were discussed in last meetingdated 15<sup>th</sup> Feb 14, have since been modified, as suggested by the IAEC. The revised protocols with point to point reply to the queries raised were produced before IAEC for further consideration. These were discussed and unanimously approved.
  - **Projects discussed**
    - A) 'Evaluation of Analgesic Effect of *GymnemaSylvestre* in experimental rats'submitted by Dr. Urmila. R. salve. (Pharmacology)



1. Literature survey needs to be strengthened. Justification of the study along with the relevant studies should be added in the protocol.
2. Instead of one week oral feeding of *GymnemaSylvestre* to experimental rats, IAEC suggested studying the effect of single dose of the plant for its analgesic activity.
3. The experiments should be initiated after adequate training and placebo feeding of the experimental rats
4. Supporting literature on the safety of 500 mg/kg dose of *GymnemaSylvestre* should be included
5. In the Form B (Part B) application to CPCSEA, following points needs to be mentioned correctly:
  - Name and address of Registered breeder from which animals will be procured.
6. Typographical errors must be corrected.

The research proposal needs to be resubmitted incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and record.

**B) 'Evaluation of Analgesic Effect of *MorindaCitrifolia* (Noni) in experimental rats' submitted by Dr. AshwiniSatpathy(Pharmacology)**

1. The rationale for undertaking the study needs to be elaborated. The analgesic activity of *MorindaCitrifolia* has been reported. Conducting the study in the present form would amount to duplication of previous studies. It was therefore suggested that the topic should be modified to encompass either of the following
  - A) Study the synergistic analgesic activity of *MorindaCitrifolia* and diclofenac in experimental rats
  - B) Modification of the harmful effects of aspirin by *MorindaCitrifolia*

The proposal was not approved by the IAEC in the present form. The research proposal needs to be resubmitted incorporating the suggested changes for consideration of approval. The modified proposal shall be electronically circulated to the members for perusal and record.

**C. 'Pharmacological studies on Cardioprotective effects of *Murray Koenigii*' submitted by Mr. Rajesh Suman(Pharmacology)**



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Date: 15.2.14

### INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 15.2.14 at the Dean's office at 2.30 PM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Haladhar Dev Sarma	CPCSEA Nominee	15/02/14
3.	Dr Pascoal Carvalho	Member	
4.	Mr. Meghdut Raut	Member	
5.	Dr G S Narshetty	Member	
6.	Dr R. Inamdar S.	Member	15/2/2014
7.	Dr Mohan Latkar	Member	
8.	Dr Ipseeta Ray	Secretary	





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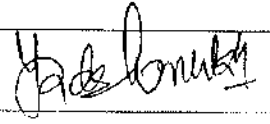
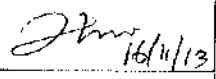
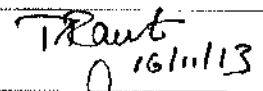
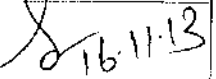
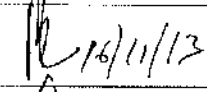

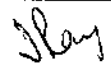
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Date: 16.11.13

**INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)**

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 16.11.13 at the Dean's office at 10. 30 AM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Haladhar Dev Sarma	CPCSEA Nominee	
3.	Dr Pascoal Carvalho	Member	
4.	Mr. Meghdut Raut	Member	
5.	Dr G S Narshetty	Member	
6.	Dr R. Inamdar	Member	
7.	Dr Mohan Latkar	Member	
8.	Dr Ipseeta Ray	Secretary	





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**Institutional Animal Ethics Committee**


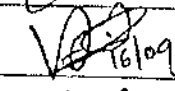

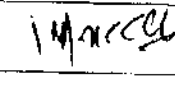
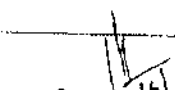
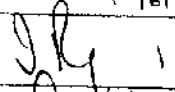
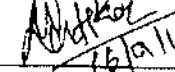
**MGM Medical College**

**Navi Mumbai**

Date: 16.09.2017

**Attendance**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital was held on 16.9.2017 at 10.00 A.M in Dean' Chamber .

Sr. No	IAEC Member	Designation	Signature
1	Dr. Uddhav Kalu Chaudhari	Main Nominee	 16/09/2017
2	Dr. Vikas D. Dighe	Link Nominee	 16/09/2017
3	Dr. Dhanjit kumar Das	Scientist from outside the Institute	 16/09/17
4	Prof. Vishnu Thakare	Socially aware Nominee	 16/09/17
5	Prof. Y. A. Deshmukh	Chairperson	
6	Dr. G.S. Narshetty	Member	
7	Dr. R.S. Inamdar	Member	 16/9/2017
8	Dr. Ipseeta Ray	Member Secretary	 16/9/17
9	Dr. Mohan Latkar	Member	 16/9/17





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Date: 13.4.13

### INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 13.4.13 at the Dean's office at 10. 30 AM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Haladhar Dev Sarma	CPCSEA Nominee	
3.	Dr Pascoal Carvalho	Member	
4.	Mr. Meghdut Raut	Member	Absent
5.	Dr G S Narshetty	Member	
6.	Dr R. Inamdar	Member	
7.	Dr Mohan Latkar	Member	
8.	Dr Ipseeta Ray	Secretary	





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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting  
dated 16<sup>th</sup> May 2015**

In pursuance of the circular on the subject dated 2.5.15, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 9.30 AM on 16.5.15 in the Dean's office. The following functionaries attended the meeting:

1. Dr YA Deshmukh- Chairman
2. Dr Haladhar Dev Sarma-CPCSEA Nominee
3. Dr Pascoal Carvalho-Member
4. Dr G. S. Narshetty
5. Dr Mohan Latkar-Member
6. Dr Ipseeta Ray-Member Secretary

**Proceedings**

- Dr R. S. Inamdar had informed the IAEC regarding their inability to attend the IAEC meeting due to prior commitments. Leave of absence was granted to him.
- Minutes of the previous IAEC meeting held on 2<sup>nd</sup> May 15 were confirmed unanimously after discussion paragraph wise.

• **Projects discussed**

- A) 'Studies to validate safety and to understand mechanisms of Ayurvedic formulation Raupya Suvarna Sootshekar (RSS)' submitted by Ms Smital S Kulkarni (PhD thesis protocol)



The following modification was suggested by the IAEC:

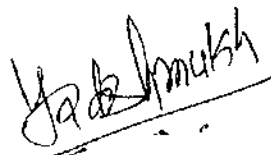
1. The justification for the use of only a specific size of nanoparticle should be incorporated in the protocol. Relevant literature in this area should be included.

The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.

- The Inspection of the Animal House facility was conducted by the CPCSEA Nominee. Detailed Inspection report was prepared.
- The meeting ended with thanks to the chair



(Dr Haladhar Dev Sarma)



(Dr YA Deshmukh)

(Dr Pascoal Carvalho)

(Dr. G. S. Narshetty)



(Dr Ipseeta Ray)



(Dr Mohan Latkar)



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From  
Dr YA Deshmukh  
Chairman  
Institutional Animal Ethics Committee  
MGM Medical College  
Kamothe, Navi Mumbai

Dated: 20.5.15

To  
Mr Anjani Kumar  
Director (AW) & Member Secretary  
CPCSEA,  
Ministry of Environment & Forests,  
8th floor, Jeevan Prakash Building,  
25, Kasturba Gandhi Marg,  
New Delhi-110 001

Sub: Minutes of the Institutional Animal Ethics Committee Meeting

Respected Sir,

The meeting of the Institutional Animal Ethics Committee (IAEC) as constituted by the CPCSEA was held on 4/10/14 and 2/5/15. Kindly find enclosed the minutes of the meeting duly signed by the members of the IAEC. A copy of the same has also been sent by mail.


Thanking you

Yours sincerely,

(Dr YA Deshmukh)

## AGENDA FOR THE IAEC MEETING

- 1) Confirmation of the minutes of the last IAEC meeting held on 4.10.14
- 2) Re-review of the research protocols discussed in the last IAEC meeting held on 4.10.14
- 3) Review of the following research protocols
  - A) 'Evaluation of anti-nociceptive effects of citalopram and escitalopram in mice submitted by **Dr. Shrikrishna Kolte**(MD thesis protocol)
  - B) 'Involvement of opioid and monoaminergic pain pathways in Aloe vera induced analgesia in rats'' by **Dr Snigdha Senapaty** (Staff Project)
- 4) Inspection of the animal house facility
- 5) Any other matter with the permission of the chair





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### Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting dated 2<sup>nd</sup> May 2015

In pursuance of the circular on the subject dated 13.4.15, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 9 AM on 2.5.15 in the Dean's office. The following functionaries attended the meeting:

1. Dr YA Deshmukh- Chairman
2. Dr Haladhar Dev Sarma-CPCSEA Nominee
3. Dr G. S. Narshetty
4. Dr Pascoal Carvalho-Member
5. Dr R. S. Inamdar-Member
6. Dr Mohan Latkar-Member
7. Dr Ipseeta Ray-Member Secretary

#### Proceedings

Minutes of the previous IAEC meeting held on 4<sup>th</sup> Oct 14 were confirmed unanimously after discussion paragraph wise. As the quorum was incomplete in the previous meeting, the projects were discussed once again in detail, and were approved in the present meeting once again.

#### • Projects discussed

- A) 'Evaluation of anti-nociceptive effects of citalopram and escitalopram in mice submitted by **Dr. Shrikrishna Kolte** (MD thesis protocol)'

#### **The following modifications were suggested by the IAEC:**

1. Justification of the study along with the relevant information regarding test drugs should be included in the protocol.
2. The period of acclimatization of experimental animals (mice) needs to be specified in the protocol.



3. The human equivalent doses of citalopram and escitalopram need to be re-calculated giving justification of the animal doses mentioned in the protocol.

The research proposal is required to be resubmitted after incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and concurrence.

**B. 'Involvement of opioid and monoaminergic pain pathways in Aloe vera induced analgesia in rats' by Dr Snigdha Senapaty (Staff Project)**


The following modifications were suggested by the IAEC:

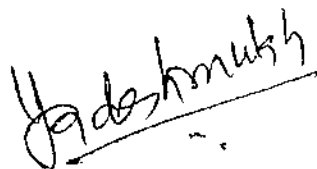
1. Instead of using rats, it was recommended to use mice in the study. In available published literature, the standard analgesic models committed in the study protocol were carried out mainly by using mice. Moreover mice are more convenient to handle as compared to rats.
2. The number of mice required for the study needs to be re-calculated and re-submitted after incorporating the modifications suggested regarding the study groups.
3. Aloe vera extract is mainly indicated for use by topical or oral route. Intraperitoneal usage of Aloe vera is not acceptable in view of the safety concerns of sterility. The oral route may be used instead.
4. The basis of selection of the sub-therapeutic doses of Aloe vera is not mentioned in the study protocol. Moreover in the absence of convincing literature support for the same, it may not be accurate nor scientifically acceptable. Therefore experimentation with sub-therapeutic doses of Aloe vera is not approved.
5. The effective dose may be used instead of sub-therapeutic doses to re-establish the analgesic activity of Aloe vera and elucidate its possible mechanism of action involving the opioid and monoaminergic pain pathways in Aloe vera induced analgesia.

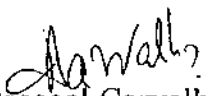
The research proposal needs to be resubmitted, incorporating the details of methodology and suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The

modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.

- The renovation plan of the Animal house facility was discussed. The status of the construction work and renovations plan was placed before the IAEC. The date of the Inspection of the Animal House facility was fixed on 16<sup>th</sup> May 2015.
- The meeting ended with thanks to the chair

  
(Dr Haladhar Dev Sarma)

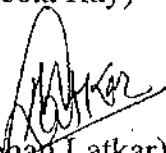
  
(Dr YA Deshmukh)

  
(Dr Pascoal Carvalho)

(Dr. G. S. Narshetty)

  
(Dr Ipseeta Ray)

(Dr R. S. Inamdar)

  
(Dr Mohan Latkar)



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Date: 16.5.15

### INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 16.5.15 at the Dean's office at 9.30 AM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Haladhar Dev Sarma	CPCSEA Nominee	
3.	Dr Pascoal Carvalho	Member	
4.	Dr G S Narshetty	Member	
5.	Dr R. S. Inamdar	Member	
6.	Dr Mohan Latkar	Member	
7.	Dr Ipseeta Ray	Secretary	





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Date: 2.5.15

**INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)**

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 2.5.15 at the Dean's office at 9.00 AM.

The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Haladhar Dev Sarma	CPCSEA Nominee	
3.	Dr Pascoal Carvalho	Member	
4.	Dr G S Narshetty	Member	
5.	Dr R. S. Inamdar	Member	
6.	Dr Mohan Latkar	Member	
7.	Dr Ipsita Ray	Secretary	





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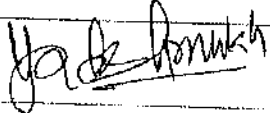
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Date: 4.10.14

### INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)

The meeting of the IAEC of MGM Medical College and Hospital, Navi Mumbai was held on 4.10.14 at the Dean's office at 10.00 AM.

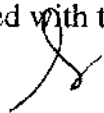
The following members attended the meeting:

S. No	Name	Designation	Signature
1.	Dr Y A Deshmukh	Chairman	
2.	Dr Haladhar Dev Sarma	CPCSEA Nominee	
3.	Dr Pascoal Carvalho	Member	
4.	Mr. Meghdut Raut	Member	
5.	Dr G S Narshetty	Member	
6.	Dr R. S. Inamdar	Member	
7.	Dr Mohan Latkar	Member	
8.	Dr Ipseeta Ray	Secretary	




(toxicity) needs to be re-calculated and re-submitted after incorporating the modifications suggested. The modified proposal (first part) shall, however, be electronically circulated to the members for their kind perusal and concurrence.

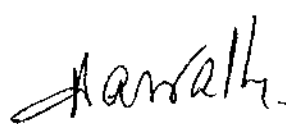
- The meeting ended with thanks to the chair




(Dr. G. S. Narshetty)




(Dr Haladhar Dev Sarma)




(Dr Pascoal Carvalho)



(Dr R. S. Inamdar)



(Dr Ipseeta Ray)



(Dr Mohan Latkar)



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**Institutional Animal Ethics Committee  
MGM Medical College  
Navi Mumbai**

**Notice**

**Dated: 28-09-15**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 10.10.2015 at 10.00 A.M in Dean's Chamber.

**Agenda:- Inspection of the Institutional Animal House.**

**Copy to**

1. Dr. Haladhar Dev Sarma
2. Shri. Meghdut Raut
3. Dr. Pascoal Carvalho
4. Dr G. S. Narshetty
5. Dr. Y.A. Deshmukh
6. Dr. R.S. Inamdar
7. Dr. Ipseeta Ray
8. Dr.Mohan Latkar

Main Nominee

Non Scientific Socially Aware Member

Scientist from outside the Institute

Member

Convener

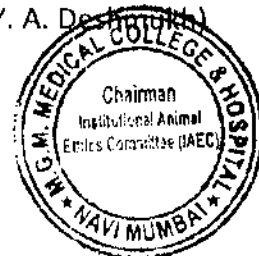
Member

Member Secretary

Member

*Y.A. Deshmukh*  
Convener 28/9/2015

(Dr. Y. A. Deshmukh)





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MEDICAL COLLEGE**

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**Institutional Animal Ethics Committee  
MGM Medical College  
Navi Mumbai**

**Notice**

**Dated: 7-10-15**

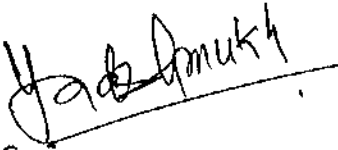
The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 10.10.2015 at 1. 30 PM instead of 10 A.M in Dean's Chamber. We regret the inconvenience caused

**Agenda:- Inspection of the Institutional Animal House.**

Kindly make it convenient to attend the Meeting

**Copy to**

- |                           |                                      |
|---------------------------|--------------------------------------|
| 1. Dr. Haladhar Dev Sarma | Main Nominee                         |
| 2. Shri. Meghdut Raut     | Non Scientific Socially Aware Member |
| 3. Dr. Pascoal Carvalho   | Scientist from outside the Institute |
| 4. Dr G. S. Narshetty     | Member                               |
| 5. Dr. Y.A. Deshmukh      | Convener                             |
| 6. Dr. R.S. Inamdar       | Member                               |
| 7. Dr. Ipseeta Ray        | Member Secretary                     |
| 8. Dr.Mohan Latkar        | Member                               |

  
Convener



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**Institutional Animal Ethics Committee  
MGM Medical College  
Navi Mumbai**

**Notice**

**Dated: 13.4.15**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 2.5.2015 at 10 A.M in the Dean's Chamber. The agenda of the Meeting is attached as annexure I.

**Copy to**

- |                           |                                      |
|---------------------------|--------------------------------------|
| 1. Dr. Haladhar Dev Sarma | Main Nominee                         |
| 2. Dr. PascoalCarvalho    | Scientist from outside the Institute |
| 3. Dr G. S. Narshetty     | Member                               |
| 4. Dr. Y.A. Deshmukh      | Chairperson                          |
| 5. Dr. R.S. Inamdar       | Member                               |
| 6. Dr. Ipseeta Ray        | Member Secretary                     |
| 7. Dr .Mohan Latkar       | Member                               |

(Dr. Y. A. Deshmukh)

Chairman

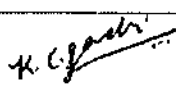
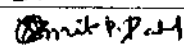
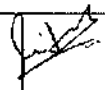
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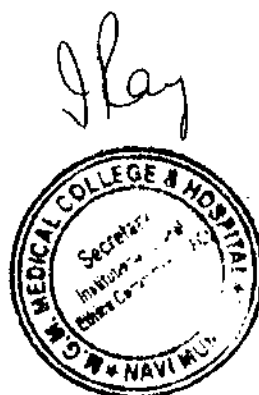
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**Institutional Animal Ethics Committee  
MGM Medical College  
Navi Mumbai**

**Annexure-I**

The meeting of Animal Ethics Committee of MGM Medical College and Hospital will be held on **16.07.16 (Saturday)** at **10.00 AM** in the Dean's Chamber

Sr. No	Title	Investigator	Signature
<b>Student Projects</b>			
1	A study to compare effect of Verapamil, Diltiazem, Amlodipine on Gentamicin induced Nephro-toxicity in Rats.	Kedar. C. Gandhi Dr. S. Shahani (Guide) (Pharmacology)	 9049392923
2.	Anti- Convulsant activity of Gabapentin on experimental animals.	Amit. P. Patel Dr. Y. A. Deshmukh(Guide) (Pharmacology)	 9892666346
3.	Study of effect of Iron Nanoparticles on Iron deficiency Anaemia using rat model	Smital. S. Kulkarni Dr. Mansee Thakur (Guide) (Medical Biotechnology)	 8898142919





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**Minutes of the Institutional Animal Ethics Committee (IAEC) Meeting dated 16<sup>th</sup> July 2016**

In pursuance of the circular on the subject dated 24.6.16, the Institutional Animal Ethics Committee (IAEC) of MGM Medical College, Kamothe assembled at 10 AM on 16.7.16 in the Dean's office. The following functionaries attended the meeting:

1. Dr G. S. Narshetty- Chairman
2. Dr. Haladhar Dev Sarma-CPCSEA Nominee
3. Dr.Pascoal Carvalho-Member
4. Dr R. S. Inamdar-Member
5. Dr Mohan Latkar-Member
6. DrIpseeta Ray-Member Secretary

**Proceedings**

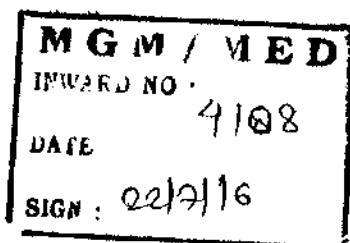
- Chairman of the IAEC, Dr. Deshmukh was on medical leave and Dr G. S. Narshetty, Dean, MGM Medical College and member of the IAEC had chaired the meeting.
- Minutes of the previous IAEC meeting held on 2<sup>nd</sup> May 15 were confirmed unanimously after discussion paragraph wise.

• **Projects discussed**

- A) 'A study to compare effect of Verapamil, Diltiazem, Amlodipine on Gentamicin induced Nephrotoxicity in Rat' submitted by Dr. Kedar Gandhi (MD thesis protocol)

**The following modifications were suggested by the IAEC:**

1. The human equivalent doses of 'Verapamil', 'Diltiazem' and 'Amlodipine' need to be re-calculated giving justification of the animal doses mentioned in the protocol.



*[Handwritten signature]*

2. The experimental model of nephrotoxicity should to be standardized in the laboratory. The dose and duration of gentamicin that will be used for the study needs to be justified from scientific literature.
3. Cardiac puncture should be used as the terminal method of blood collection under anaesthesia.
4. The gender of the rats needs to be specified in order to maintain uniformity in the study protocol.
5. Duration for which urine will be collected should be kept constant throughout the study to maintain uniformity in the research protocol.
6. Baseline values for various biochemical parameters (committed in the protocol) needs to be standardized first in the laboratory, before proceeding with the detailed study in the experimental model of nephrotoxicity. If additional rats are required for the sham group (for obtaining baseline values), the number needs to be re-calculated and re-submitted.
7. In the Form B (Part A) application to CPCSEA, following needs to be mentioned:
  - Registration number (Point No. 3)
8. In the Form B (Part B) application to CPCSEA, following needs to be mentioned:
  - Method of carcass disposal (Point No. 13)
  - Animal transportation method (Point No. 14)

**The research proposal is required to be resubmitted after incorporating the suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for perusal and concurrence.**

**B. 'Anti-Convulsant Activity of Gabapentin on experimental animals' by Dr Amit P Patel (MD thesis protocol)**

The following modifications were suggested by the IAEC:

1. The word 'mice' needs to be incorporated in the title. The title should be appropriately modified.
2. Establishment of the experimental models of epilepsy is very critical for the study. The various models of epilepsy (Electroshock, Picrotoxin, Strychnine and Pentylenetetrazol ) needs to be standardized in the laboratory keeping in view the LD<sub>50</sub> and the various doses of Picrotoxin, Strychnine and Pentylenetetrazol used in the scientific literature. The doses selected for the study needs to be justified.
3. If additional mice are required for standardization of the above mentioned models of epilepsy, the number of mice required for the study needs to be re-



calculated and re-submitted after incorporating the modifications suggested regarding the control groups.

4. The scoring/grading system for assessing the severity of the seizures needs to be mentioned in the study.
5. The gender of mice that will be used for the study needs to be mentioned. Female are preferable for the present proposal.
6. The protocol does not require sacrifice of the experimental animals proposed in the proposal. Post-experiment management of the animals needs to be specified in the proposal.
7. In the Form B (Part A) application to CPCSEA, following points needs to be mentioned:
  - o Registration number (Point No. 3)

**The research proposal needs to be resubmitted, incorporating the suggested changes. The proposal was approved by the IAEC subject to the incorporation of the suggested change as above. The modified proposal shall, however, be electronically circulated to the members for their kind perusal and concurrence.**

**C. 'Study of Effect of Iron Nanoparticles on Iron Deficiency Anaemia using Rat Model' by Ms. Smital S Kulkarni (PhD thesis protocol)**

The research protocol has been designed to synthesize iron nanoparticles using extracts of plants grown by the hydroponics method in the laboratory. Further the investigators intend to assess the therapeutic potential of these iron nanoparticles in the rat model of anemia. The stability, characterization and toxicity of the iron nanoparticles synthesized by the Investigator in the laboratory is not known. Therefore, IAEC is of the view that the in vitro stability, characterization and biocompatibility/preliminary toxicity data needs to be generated first before testing efficacy of the agent in the experimentally produced anaemia models in rats.

IAEC advised that the present research protocol might be divided into two stages. In the first part assessment of the stability, characterization, biocompatibility/preliminary toxicity of the iron nanoparticles could be done and based on the results of the first part the investigator might plan the second part of study involving assessment of efficacy of the agent in iron deficient animal model proposal for which might be separately submitted for consideration of IAEC.

**The research protocol is not approved in the present form. However, IAEC approves the usage of experimental rats for toxicity studies using the nanoparticles. The number of rats required for the first part of the study**



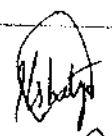


Institutional Animal Ethics Committee



MGM Medical College

Navi Mumbai

Annexure-I

The meeting of Animal Ethics Committee of MGM Medical College and Hospital will be held on 1.07.17 (Saturday) at 10.30 AM in the Dean's Chamber

Sr. No	Title	Investigator	Signature
Student Projects			
1	Potent pancreatic Lipase inhibitor from food plants and development of safer anti - obesity formulation	Sveeta Vishnu Mhatre Dr. Raman P. Yadav (Medical Biotechnology)	for 
2	Isolation and characterization of multifunctional molecule from plant and its application in antidiabetesity	Priyanka Rathod Dr. Raman P. Yadav (Medical Biotechnology)	for 
3	Study of Effect of Iron Nanoparticles on Iron Deficiency Anaemia Using Rat Model	Smital Kulkarni Dr. Mansee Thakur (Medical Biotechnology)	

  
20/6/17  
COR Ipsela (g)  


**Institutional Animal Ethics Committee**

**MGM Medical College**

**Navi Mumbai**

**Agenda for the IAEC meeting:-**

1. Confirmation of the minutes of IAEC meeting held on 25<sup>th</sup> Feb 2017
2. Review of the following research protocol
  - A) **Potent pancreatic Lipase inhibitor from food plants and development of safer anti – obesity formulation** by Sveeta Vishnu Mhatre , Dr. Raman P. Yadav ( PG Guide ) from Department of Medical Biotechnology
  - B) **Isolation and characterization of multifunctional molecule from plant and its application in antidiabetes** by Priyanka Rathod , Dr. Raman P. Yadav ( PG Guide ) from Department of Medical Biotechnology
  - C) **Study of Effect of Iron Nanoparticles on Iron Deficiency Anaemia Using Rat Model** By Smital Kulkarni Dr. Mansee Thakur ( PG Guide ) from Department of Medical Biotechnology
3. Inspection of the Animal House facility.
4. Any other matter with the permission of the chair.

*Hay*  
20/6/17



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**Institutional Animal Ethics Committee**  
**MGM Medical College**  
**Navi Mumbai**

**Notice**

**Dated: 02-02-17**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 25-02-17 at 2.30 P.M. in Dean's Chamber. Following protocols attached as Annexure-I will be reviewed

Kindly make it convenient to attend the Meeting

**Copy to :-**

- |    |                           |                                      |
|----|---------------------------|--------------------------------------|
| 1. | Dr. Uddhav Kalu Chaudhari | Main Nominee                         |
| 2. | Dr. Vikas D. Dighe        | Link Nominee                         |
| 3. | Dr. Dhanjit Kumar Das     | Scientist from outside the Institute |
| 4. | Prof. Vishnu N. Thakare   | Socially Aware Nominee               |
| 5. | Dr G. S. Narshetty        | Member                               |
| 6. | Dr. Y.A. Deshmukh         | Chairperson                          |
| 7. | Dr. R.S. Inamdar          | Member                               |
| 8. | Dr. Ipseeta Ray           | Member Secretary                     |
| 9. | Dr.Mohan Latkar           | Veterinarian                         |



(Dr. Ipseeta Ray)  
Member Secretary



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**Institutional Animal Ethics Committee**

**MGM Medical College**

**Navi Mumbai**

Notice

Dated: 20-06-17

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital will be held on 1-07-17 at 10.30 A.M in Dean's Chamber. Following protocols attached as Annexure-I will be reviewed

Kindly make it convenient to attend the Meeting

Copy to :-

- |                            |                                      |
|----------------------------|--------------------------------------|
| 1. Dr. Vikas D. Dighe      | Link CPCSEA Nominee                  |
| 2. Dr. Dhanjit Kumar Das   | Scientist from outside the Institute |
| 3. Prof. Vishnu N. Thakare | Socially Aware Nominee               |
| 4. Dr G. S. Narshetty      | Member                               |
| 5. Dr. Y.A. Deshmukh       | Convener                             |
| 6. Dr. R.S. Inamdar        | Member                               |
| 7. Dr. Ipseeta Ray         | Member Secretary                     |
| 8. Dr.Mohan Latkar         | Member                               |

Sent by  
Council

22/6/17

22/06/17

Ipseeta Ray 20/6/17

(Dr. Ipseeta Ray)

Member Secretary





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**Institutional Animal Ethics Committee**


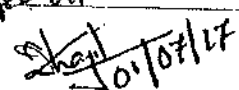
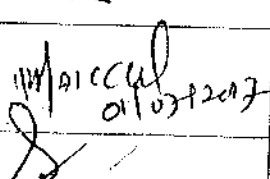

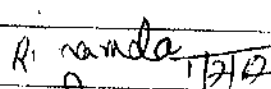
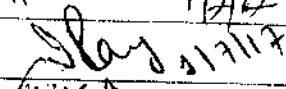

**MGM Medical College**

**Navi Mumbai**

**Attendance**

**Dated: 01-07-17**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital was held on 1-07-17 at 10.30 A.M in Dean's Chamber. Following members attended the Meeting

Sr.No	Members	Designation	Signature
1.	Dr. Vikas D. Dighe	Link CPCSEA Nominee	
2.	Dr. Dhanjit Kumar Das	Scientist from outside the Institute	
3.	Prof. Vishnu N. Thakare	Socially Aware Nominee	
4.	Dr G. S. Narshetty	Member	
5.	Dr. Y.A. Deshmukh	Convener	
6.	Dr. R.S. Inamdar	Member	
7.	Dr. Ipseeta Ray	Member Secretary	
8.	Dr. Mohan Latkar	Member	





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**Institutional Animal Ethics Committee**

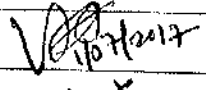
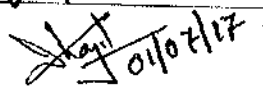
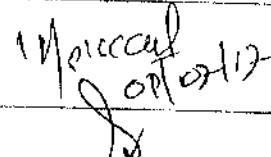
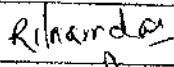
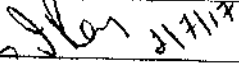
**MGM Medical College**

**Navi Mumbai**

**Attendance**

**Dated: 01-07-17**

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital was held on 1-07-17 at 10.30 A.M in Dean's Chamber. Following members attended the Meeting

Sr.No	Members	Designation	Signature
1.	Dr. Vikas D. Dighe	Link CPCSEA Nominee	
2.	Dr. Dhanjit Kumar Das	Scientist from outside the Institute	
3.	Prof. Vishnu N. Thakare	Socially Aware Nominee	
4.	Dr G. S. Narshetty	Member	
5.	Dr. Y.A. Deshmukh	Convener	
6.	Dr. R.S. Inamdar	Member	
7.	Dr. Ipseeta Ray	Member Secretary	
8.	Dr. Mohan Latkar	Member	