



## **MGM INSTITUTE OF HEALTH SCIENCES**

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

**Grade 'A' Accredited by NAAC**

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### **MGM 33 DM CARDIOLOGY**

#### **Program Outcomes**

PO1. Recognizes the health needs of adults and carries out professional obligations in keeping with principles of National Health Policy and professional ethics;

PO2. Has acquired the competencies pertaining to Urology that are required to be practiced in the community and at all levels of health care system;

PO3. Has acquired skills in effectively communicating with the patients, family and the community;

PO4. Is aware of the contemporary advances and developments in medical sciences.

PO5. Acquires a spirit of scientific enquiry and is oriented to principles of research methodology

PO6. Has acquired skills in educating medical and paramedical professionals.

#### **Program Specific Outcomes**

At the end of the super specialty training in the discipline concerned the student shall be able to:

PSO1. Recognize the importance to the concerned speciality in the context of the health needs of the community and the national priorities in the health section.

PSO2. Practice the speciality concerned ethically and in step with the principles of primary health care.

PSO3. Demonstrate sufficient understanding of the basic sciences relevant to the concerned speciality.

PSO4. Identify social, economic, environmental, biological and emotional determinants of health in a given case, and take them into account while planning therapeutic, rehabilitative, preventive and primitive measure/strategies.

PSO5. Diagnose and manage majority of the conditions in the speciality concerned on the basis of clinical assessment, and appropriately selected and conducted investigations.

PSO6. Plan and advise measures for the prevention and rehabilitation of patients suffering from disease and disability related to the speciality.

PSO7. Demonstrate skills in documentation of individual case details as well as morbidity and mortality rate relevant to the assigned situation.

PSO8. Demonstrate empathy and humane approach towards patients and their families and exhibit interpersonal behaviour in accordance with the societal norms and expectations.

PSO9. Play the assigned role in the implementation of national health programme, effectively and responsibly.

PSO10. Organize and supervise the chosen/assigned health care services demonstrating adequate managerial skills in the clinic/hospital or the field situation.

PSO11. Develop skills as a self-directed learner, recognize continuing education needs; select and use appropriate learning resources.

PSO12. Demonstrate competence in basic concepts of research methodology and epidemiology, and be able to critically analyze relevant published research literature.

PSO13. Develop skills in using educational methods and techniques as applicable to the teaching of medical/nursing students, general physicians and paramedical health workers.

PSO14. Function as an effective leader of a health team engaged in health care, research or training.

## **Course Outcomes**

CO1. Diagnose and manage common cardiac conditions (including emergencies) like myocardial interaction

CO2. Provide proper pre-operative and post-operative care for cardiac patients.

CO3. Counsel patients and their relatives regarding the need of an cardiac procedure, implication and related problems; obtain a proper informed consent for cardiac procedure.

CO4. Identify cases requiring urgent cardiac intervention, and initiate emergency management of the same.

CO5. Deliver medico-legal and ethical responsibilities effectively.

CO6. Formulate preventive and rehabilitative measures for cardiac patients as and when necessary.

CO7. Conduct a cardiac audit periodically and maintain proper records.

CO8. Update knowledge and newer techniques in the specialty.

CO9. Demonstrate an aptitude for specific writing, including critical appraisal of published literature.

- Plan a research project with defined evaluation outcomes.
- Demonstrate competency in teaching medical / paramedical students.
- Conduct himself / herself professionally, with integrity, accountability, responsibility and compassion for fellow beings, striving for excellence and professional development.

  
**Dr. Rajesh B. Goel**  
Registrar  
MGM INSTITUTE OF HEALTH SCIENCES  
( DEEMED UNIVERSITY u/s 3 of UGC Act, 1956 )  
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