



MGM INSTITUTE OF HEALTH SCIENCES

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

Grade 'A' Accredited by NAAC

Sector-01, Kamothe, Navi Mumbai - 410 209

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MGM 115 FELLOWSHIP IN CT MRI

PROGRAMME OUTCOME

Modalities covered

- I. CT
- II. MRI
- III. GUIDED INTERVENTIONS

For each modality

PO1. Basic physics

PO2. Applied physics- To understand how the physical principles are to be applied to get good quality images, e.g. metal imaging in CT and MRI, iron quantification etc.

PO3. Practice issue related to radiation, appropriate contrast media usage, imaging in pregnancy.

PO4. Research and teaching initiatives

Each fellow will have to do the following

- Write at least one paper for publications in the recognized peer-reviewed journal
- Send at least one abstract to a recognized national or international radiology conference
- Present 4 times in the internal radiology meeting, including one journal club
- Take 4 teaching session for residents.
- Maintain a logbook to document they have seen 300 cases and reported under mentorship 150

COURSES OUTCOME

CO1. Organ system

- Neuroradiology
- Head and Neck
- Chest
- Cardiac
- Abdomen, including hepatobiliary, pancreas, genitourinary, bowel, retroperitoneum, etc.
- Pelvis including uterus, ovaries, prostate
- Vascular
- Musculoskeletal including spine and rheumatology
- Breast

In each organ, following will be covered

- a. Anatomy.
- b. Pathology ranging from congenital trauma, infection neoplasm and organ specific condition.
- c. Appropriateness criteria, including clinical workflows needed for radiology decision making.


Dr. Rajesh B. Goel
Registrar
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