

TUTOR IN RADIOLOGY

A successful candidate must have BASIC KNOWLEDGE and SKILL of the following:

- (1) Human Anatomy as seen in radiographs and images of Ultrasound, Computed Tomography, Magnetic Resonance Imaging and Radioisotope studies.
- (2) Indications, Contraindications, Role in clinical diagnosis, Limitations and Basic Physical principles of various imaging techniques like Diagnostic Radiology, Ultrasonography, Computed Tomography (CT), Magnetic Resonance Imaging (MRI), Mammography, Digital Subtraction imaging and other newer imaging modalities.
- (3) Various diagnostic and interventional procedures connected with above imaging modalities.
- (4) Diagnostic radiological and Imaging changes in various common diseases of Respiratory System, Mediastinum, Skeletal System, Gastro-intestinal System, Hepatobiliary System, soft tissues, Genito-urinary System, Neurological System, Circulatory System and Heart.
- (5) Proper patient care in the Department of Radio diagnosis and Imaging which include
 - (a) Knowledge of Contrast Media and necessary medicines and equipments in the department to handle emergency conditions.
 - (b) Prompt diagnosis and treatment of hypersensitivity reactions and other accidents.
 - (c) Informed consent for Examination and other Medico-legal requirements.
- (6) The candidate is also required to have knowledge and skill related to all the Pre-clinical, Para-clinical and clinical subjects taught in M.B.B.S. degree course.