

Objective - The objective is to learn basic and special projections for the better and delineation diagnosis of the disease conditions of different anatomical structure.

- UNIT - 1** **Extremities Radiography**, Vertebral column, Skull Radiography, base of skull – Chest Radiography, Abdomen & Pelvic Radiography – all projection – the acute abdomen investigation.
- UNIT – 2** **Soft tissue radiography**, High and low KV Technique, Foreign body localization: Preparation – Anatomical localization – various projections – use of skin markers
- UNIT - 3** **General Pediatric Radiography**, Special needs of patient and radiographer – equipment considerations (use of dedicated equipment and accessories) and technical considerations & introduction of **Geriatric radiography**
- UNIT - 4** **Operation theatre radiography, Trauma/Emergency Radiography**, Limb fractures - Fracture of thoracic cage, spine, skull – GIT obstruction – lung collapse – pleural effusion – pneumo-thorax. Selection of suitable X-Ray equipment – patient position radiographic projections and sequence for each patient – modification of routine positioning, X-Ray tube and film – radiation protection – patient care

Recommended Books:

- Clark's Positioning in Radiography 13E.
- Textbook of Radiographic Positioning and Related Anatomy-E-Book. Elsevier Health Sciences;
- Handbook of Radiographic Positioning and Techniques-E-BOOK. Elsevier Health Sciences;
- Smith BJ. Merrill's Atlas of Radiographic Positioning and Procedures-E-Book