**Basic diagnostics (Lab) BVORAD-106**

**1. X–Ray Imaging**

X–Ray Tubes.

Stationary & Rotation Anode.

X–ray Consolestation (Demo of KV, MA and exposure time settings).

Procedures to reduce Scattered Radiation.

Focus Principle.

Grids.

Screen.

Image intensifiers.

Use of contrast materials.

**2. Dark Room Technique**

Images to ring devices.

Film cassette construction.

Duplicating a films

Spectrum.

Films types - Specialized use.

Operation, storage.

Photo chemistry.

Development.

Fixing.

Radiation protection, counters.

Assessment.

**3. Radiological Positioning**

Patient transfer technique.

Turning the patient.

Restraint techniques - Trauma, Pediatric, Geriatric, physically handicapped, disturbed patients, an aesthetized patient, moving chair & stretcher patients.

Tubes & catheters, Nasogastric, chest, Urinary, intravenous, oxygen & other (Castsurgical & cardiac) Alcoholic, bed pans & urinals.

Assessment.