

Objective - The objective is to find out the Working principle, construction & clinical application of Mammography and equipment used for breast imaging and mammography techniques.

- UNIT – 1** Physics and Basic Principle of Mammography, Generations of Mammography, Alternative modalities and pathological indications of mammography, Pathologic Indications for Mammography, Clinical applications for Mammography, Advantages and Disadvantage of Mammography.
- UNIT - 2** Mammography equipment, room layout of Mammography department, Screening Mammography, Diagnostic Mammography
- UNIT - 3** Views in Mammography, Standard and basic views, Additional supplementary views in mammography.

Recommended books:

- COMPUTED TOMOGRAPHY for TECHNOLOGISTS A Comprehensive Text
- Mosby's Exam Review for Computed Tomography 3rd Edition
- Computed tomography principles, design, artifacts, and recent advances by Jiang, H.Jiang, H