

Topic: MAMMOGRAPHY

Logistic Puzzle

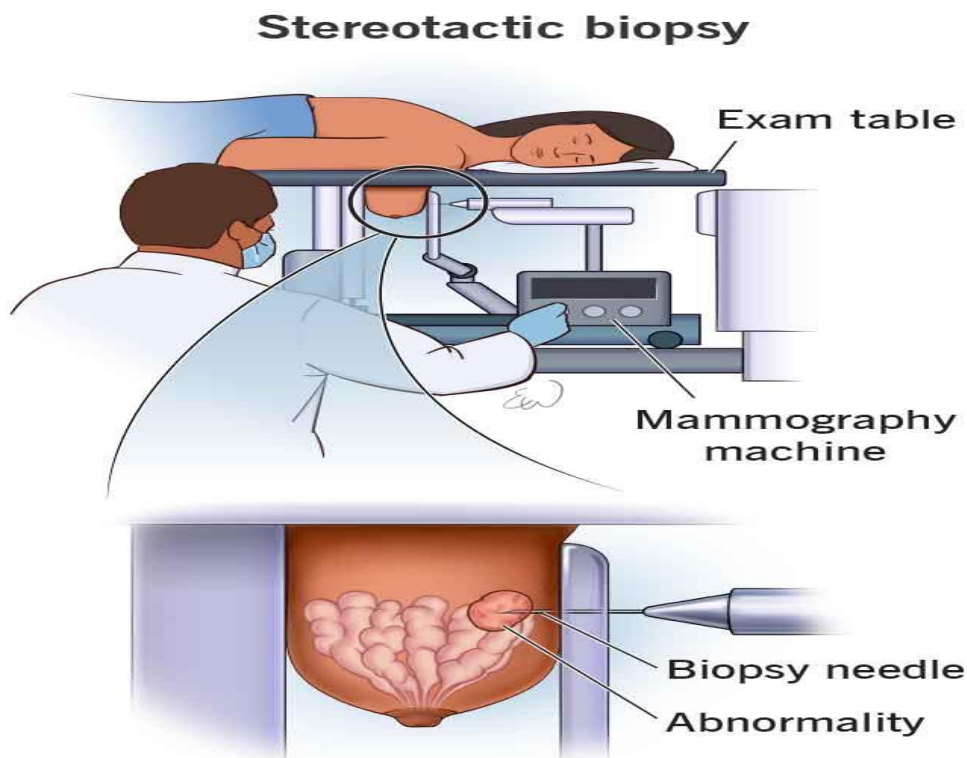
Case Scenario: Detective Mode: A patient's mammogram shows an unexpected artifact during an interventional biopsy. "Investigate" clues like positioning errors, equipment malfunction, or patient factors to "solve" the issue.

Objectives:

- Detect causes of poor image quality or procedural errors.
- Investigate characteristics of lesions in advanced imaging.
- Uncover advantages of mammo tomoscan in detective-like diagnosis.

Questions and Clues:

- Clue 1: Blurry edges in CC view—suspect improper immobilization. What "crime" against technique occurred? Clue: Compression level.
- Clue 2: High radiation dose reported—investigate exposure factors. What "suspect" setting is guilty? Clue: mAs overkill.
- Detective task: In sonomammography, a lesion appears cystic—deduce if benign or malignant. Clue: Fluid vs. solid.



Breast biopsy under mammography

Rubrics	Marks Alloted (out of 10 marks)
Accuracy of Responses	4
Reasoning and Logic	3
Application to Topic	2
Creativity in Approach	1
TOTAL MARKS	10 marks

SNS COLLEGE OF ALLIED HEALTH SCIENCE, COIMBATORE

(Affiliated to the Tamil Nadu Dr. M.G.R Medical University, Chennai)

B.SC., RADIOGRAPHY AND IMAGING TECHNOLOGY

Subject code / subject : 1852 / Modern Imaging Modalities and Recent Trends in Imaging

Year: Third Year

