

Topic: MAMMOGRAPHY

Logistic Puzzle

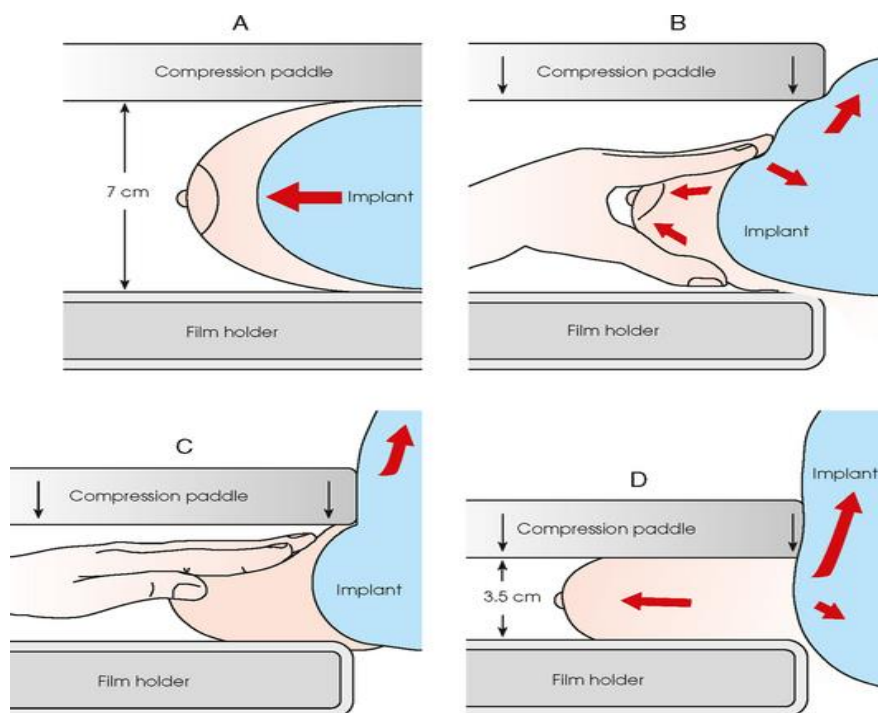
Case Scenario: A mammography procedure requires sequencing steps for proper immobilization, positioning, and exposure in a busy clinic. Logistics involve coordinating patient flow, equipment setup, and ensuring minimal radiation exposure.

Objectives:

- Arrange procedural steps logically for efficiency.
- Identify logistical challenges in interventional procedures.
- Optimize workflow for screening vs. diagnostic mammography.

Questions and Clues:

- Arrange these steps in order: Apply compression, Position breast in MLO, Verify patient ID, Set exposure factors, Immobilize with paddle. Clue: Safety first.
- Logistically, why sequence sonomammography after mammography? Clue: Complementary for limitations.
- In a high-volume setting, how to logistically reduce wait times while maintaining quality? Clue: Digital processing speed.



Steps in mammography positioning

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

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B.SC., RADIOGRAPHY AND IMAGING TECHNOLOGY

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