

Topic: EXTREMITIES RADIOGRAPHY

Brain Teaser Puzzle

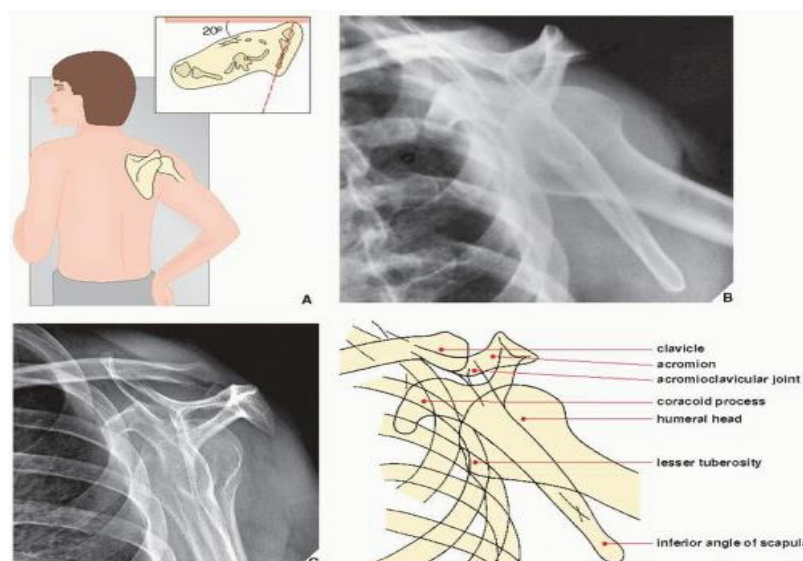
Scenario: "The Phantom Limb Mix-Up" – A patient needs shoulder, humerus, and elbow imaging, but the requisition mixes up joints. Tease out the correct positioning riddle: "I point up for the ball, down for the fork, and sideways for the funny bone."

Objectives:

- Decode positioning terms for shoulder (AP internal/external rotation), humerus, elbow.
- Identify CR angles and patient prep.
- Tease anatomy: Glenohumeral vs. elbow flexion.

Clues:

- Shoulder: Grashey (true AP), axillary, Y-view; 15° abduction.
- Humerus: AP/ lateral with arm supinated; CR perpendicular.
- Elbow: 90° flexion for lateral; check olecranon fossa.
- Teaser hint: "Ball" = glenoid; "fork" = coronoid; numbers: 70-80 kVp.



Task: Solve the riddle for each projection. Match to anatomy and critique the image for errors.

Rubrics	Marks Alloted (out of 10 marks)
Understanding of Positioning/Anatomy	3
Technical Factors & Safety	3
Reasoning & Problem-Solving	2
Completeness & Creativity	1
Presentation	1
TOTAL MARKS	10 marks

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