

Topic: SPINE RADIOGRAPHY

LOGISTIC PUZZLE

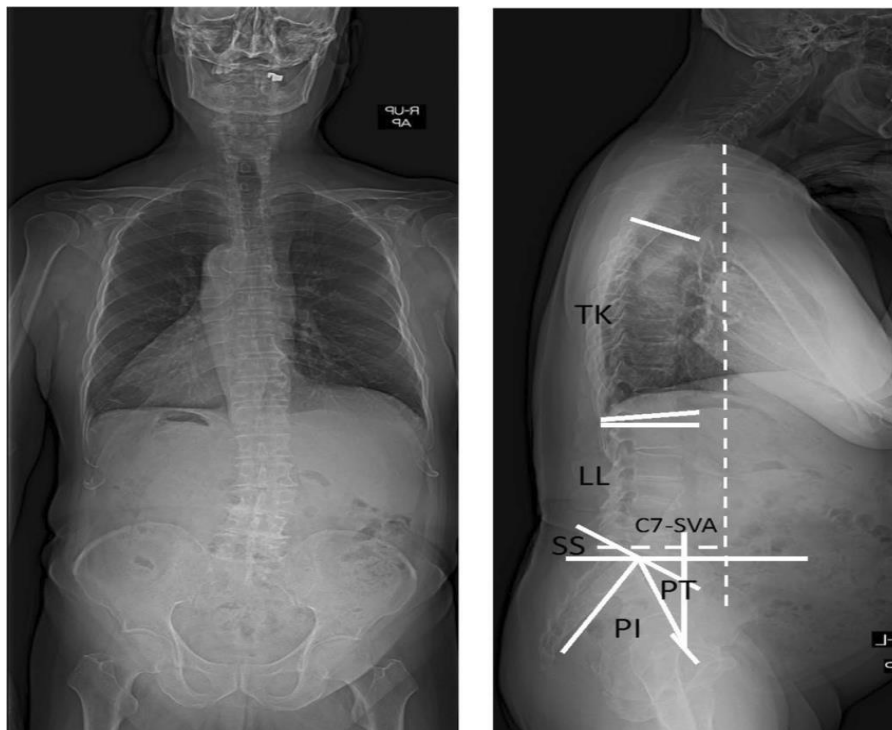
Scenario: Busy ER handles a fall patient requiring full spine survey (cervical to sacrum). Sequence exams to minimize patient movement, optimize table time, and ensure vertebral canal coverage.

Objectives:

- Plan workflow: Portable vs. table views, shielding priorities.
- Time allocation: Cervical 15 min, thoracic 20 min, lumbar 15 min.
- Equipment: Use long cassettes for full spine; grid always.

Clues:

- Priority: Lateral first for alignment; then AP/PA.
- Full spine: Standing AP if stable; horizontal beam lateral.
- Logistics: Coordinate with CT if instability; gonad shielding.
- Sacroiliac: Oblique for SI joints.



Task: Create a step-by-step logistic plan. Estimate total time and potential bottlenecks.

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

SNS COLLEGE OF ALLIED HEALTH SCIENCE, COIMBATORE

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B.SC., RADIOGRAPHY AND IMAGING TECHNOLOGY

Subject code / subject : 1846 / Clinical Radiography Positioning

Year: Second Year

