Radiology Quiz
Medical Students Workbook

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Case 1

83 yr old patient presents with abdominal pain

Questions:

1) What is the diagnosis?

2) Name two possible complications.
Case 2

72 yr old patient presents with clinical deformity of the right wrist following a fall onto out stretched hand

Questions:

1) What is the diagnosis?

2) What is the clinical deformity associated with this injury called?

3) Name 2 methods of providing local anaesthesia for manipulation of this injury.

4) What degree of misalignment is acceptable following reduction?
Case 3

65 yr old patient on AMU develops worsening respiratory distress

Questions:

1) Name three causes for the appearance of a hemithorax “white out” on CXR.

2) How can you tell the difference between these three causes?

3) What is the diagnosis in this case?

4) What management should the patient have?
Case 4

65 yr old patient presents with dyspnoea and cough

Questions:

1) What is the diagnosis?

2) What is the most likely cause

3) After ensuring the patient is clinically stable what further management would you arrange?
Case 5

45 yr old patient presents with dysuria. A plain film radiograph is performed

Questions:

1) What is the diagnosis?

2) Which infectious organism is this associated with?
Case 6

61 yr old patient presents with left hip pain.

Questions:

1) What is the diagnosis?

2) Is this the cause of the patient's symptoms?

3) Name 3 complications associated with this condition.

4) Name three other common sites of disease involvement.
Case 7

You are on call covering the medical wards. A colleague hands over to check a CXR on the stroke ward.

Questions:

1) What is the main abnormality?

2) What instructions should you give the nursing staff on the ward?

3) What surgery has the patient had in the past?
Case 8

35 yr old asthmatic patient suddenly deteriorates on the ward

Questions:

1) What is the diagnosis?

2) Name four potential causes.

3) What is the most likely cause in this case?
Case 9

18 yr old patient presents with left shoulder pain and swelling

Questions:

1) What is the differential diagnosis?

2) What features differentiate an aggressive bone lesion from a non-aggressive lesion?

3) What clinical information is particularly useful in differentiating primary bone lesions from metastatic ones.
Case 10

55 yr old patient admitted to the surgical ward develops worsening abdominal pain

Questions:

1) What is the diagnosis?

2) What might you see on the corresponding CXR?

3) Name four common causes for this condition.