ORTHOPAEDIC CLINICAL QUIZ

The following questions are based on the photographs and images provided. Answers and further information are available in Page 64

Amir S, Mansor A
Department of Orthopaedic Surgery, University of Malaya, Kuala Lumpur, Malaysia

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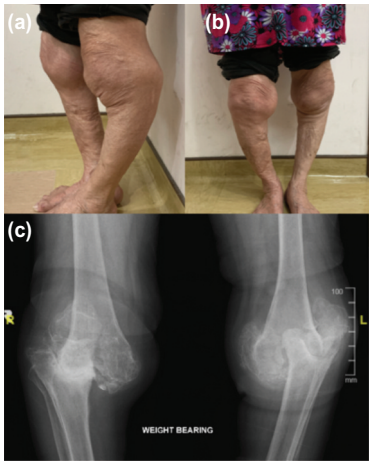


Question 1

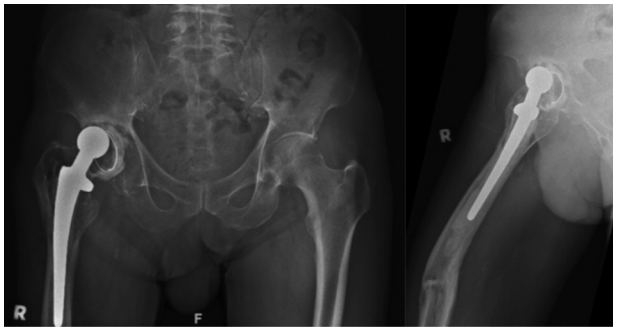
A 70-year old lady presents with the deformity seen in A and B. She ambulates with a walking stick with minimal to no pain during ambulation. C is a radiograph of the patient.

a) Describe the deformities seen in the A and B. (3 marks)
b) What is the diagnosis. (2 marks)
c) List 3 possible underlying conditions leading to this deformity. (3 marks)
d) List 2 options for management of this deformity. (2 marks)

Question 2

A 20-year old student sustained a right wrist injury following a motorcycle accident. The radiographs (a) and (b) show pre-reduction and (c) and (d) post-manipulative reduction.

a) Describe the possible mechanism of injury. (2 marks)
b) List 3 radiographic findings (a and b). (3 marks)
c) Outline the steps in the management of this injury. (4 marks)
d) Name one long-term complication of this injury. (1 mark)



Question 3

A 72-year old lady presents with right hip pain for the past 1-month. She had right total hip arthroplasty 15 years ago.

a) List 2 significant radiographic findings. (2 marks)
b) What is the diagnosis? (2 marks)
c) List 2 possible causes for this condition. (2 marks)
d) Outline your approach in the management of this patient. (4 marks)

Question 4

A 27-year old man was involved in a motorcycle accident 4-months ago. He sustained a right ankle fracture and internal fixation was performed.

a) List 2 radiographic findings. (2 marks)
b) What was the technique used to fix the medial malleolus in this radiograph? (2 marks)
c) Describe the possible reason for the state of the fixation of the medial malleolus fracture. (4 marks)
d) List 2 options of fixation that would have been preferable for the medial malleolus fixation. (2 marks)

Question 5

A 4-year old girl presents with painless tilting of the head, noted by her mother 3 weeks ago. She has no neurological deficits.

a) List one abnormal finding in the image (a). (1 mark)
b) List four possible causes of the neck deformity in (a). (4 marks)
c) List two abnormal findings in radiographs (b) and (c). (2 marks)
d) State the sequence of treatment for this patient. (3 marks)

Question 6

This image is of a pair of orthoses.

a) Name the orthoses. (2 marks)
b) List four pre-requisites for its use. (4 marks)
c) List three indications for its use. (3 marks)
d) State one contraindication for its use. (1 mark)