ORTHOPAEDIC CLINICAL QUIZ

The following questions are based on the photographs and images provided. Answers and further information are available in pages 108-109

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Question 1

This 60-year-old lady, with poorly controlled diabetes mellitus, has undergone multiple wound debridements of the right hand following a severe infection.

a) List three (3) features of the wound. (3 marks)
b) Outline the principles of management for this wound. (6 marks)
c) Name the ideal method of wound coverage in this case. (1 mark)

Question 2

This is a basic surgical instrument commonly used to harvest skin graft.

a) Name the instrument. (1 mark)
b) Name the parts labelled A, B, C and D. (4 marks)
c) Name two (2) areas of the body where this instrument is commonly used. (2 marks)
d) List three (3) factors that affect the thickness of the skin graft. (3 marks)

Question 3

A 62-year-old lady presents with progressive deformity of the right big toe as seen in figure (a). Figure (b) is a plain radiograph of the patient.

a) Describe the deformities as seen in figure (a). (2 marks)
b) Name angles a, b and c in figure (b). (3 marks)
c) List two (2) other deformities commonly associated with this condition. (2 marks)
d) Name three (3) complications of surgical correction. (3 marks)
Question 4

This 48-year-old lady, with underlying primary hyperparathyroidism secondary to parathyroid adenoma, presents with progressive right middle finger pain and swelling for the past three months, as shown in figure (a) and (b). Figure (c) and (d) are the plain radiographs of the finger. Figure (e) is the histopathological examination (HPE) findings from the bone biopsy of the right middle finger.

a) Describe four (4) abnormalities seen in the radiographs. (4 marks)
b) Describe the HPE findings. (2 marks)
c) List four (4) differential diagnoses. (4 marks)

Question 5

A 23-year-old man presents with pain and deformity over his left forearm following a motor vehicle accident. Figure A and B are the plain radiographs of his left forearm, and C and D are the plain radiographs of his left elbow.

a) Describe the abnormalities seen in the radiographs. (2 marks)
b) State the diagnosis. (1 mark)
c) Name the classification commonly used for this injury. (1 mark)
d) List two (2) possible associated injuries. (2 marks)
e) List the sequence in the surgical fixation of this injury. (4 marks)

Question 6

This is a plain radiograph of the pelvis of a 67-year-old lady who presents with progressive worsening of right hip pain for the past four years. She had a right hip replacement eight years ago.

a) List two (2) radiographic findings. (2 marks)
b) State the diagnosis. (1 mark)
c) List three (3) risk factors for this condition. (3 marks)
d) Outline the surgical strategies in the management of this condition. (4 marks)