

1. A 65 year old woman presents with extensive varicose veins, with a one year history of a painful venous ulcer of the lower leg. She has a brachial pressure of 140 mm Hg and an ankle pressure of 70 mm Hg. What is the most appropriate management?

- A. 4-Layer compression bandaging
- B. Definitive surgical treatment of the varicose veins
- C. Dressings with enzymatic agents to chemically debride the wound
- D. Referral for a vascular opinion
- E. Surgical debridement of the wound followed by interval split-skin grafting

2. A 58 year old women presents to the hand clinic with a painless swelling of her left ring finger. X-ray shows a well-defined radiolucent lesion in the metaphysis of the proximal phalanx. The lesion is expansile with a well defined sclerotic rim and scalloping of the internal surface of the overlying cortex, which is otherwise intact. Multiple calcifications are present within the lesion.

What is the most likely diagnosis?

- A. Bony metastasis
- B. Enchondroma
- C. Giant cell tumour
- D. Gout
- E. Intraosseous ganglion

3. A three-year-old child is brought to your clinic by her parents. She has prominent ears, and her parents would like you to correct these before she starts school.

What is the most appropriate response to the parent's request?

- A. After discussion, agree to operate on the child
- B. Agree to operate on the child when she reaches eight years old
- C. Defer treatment until ear growth is complete
- D. Defer treatment until the child expresses concerns about her ears
- E. Refer to a colleague for a second opinion

4. According to ATLS guidelines, a five-year-old, 20kg child with a 30% burn should have, over the first 24 hours after injury, a urinary output of how many ml/h?

- A. 10
- B. 20
- C. 30
- D. 40
- E. 50

5. An 80-year-old man with diabetes mellitus and ischaemic heart disease has a 1 cm diameter bleeding ulcer on his left cheek. He takes warfarin for previous transient ischaemic attacks. The lesion on his cheek is diagnosed clinically as a nodular basal cell carcinoma.

Which of the following is the most appropriate next step in managing this lesion?

- A. Cryotherapy
- B. Excision
- C. Incisional biopsy
- D. Punch biopsy
- E. Topical treatment with 5-fluorouracil