

Case study Series 3

- There are 2 distinct patients in this series, read the questions carefully.
 - Client 1 = 37-year-old male
 - 4 questions
 - Client 2 = 67-year-old female
 - 5 questions
 - Total Marks 26
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Client 1

Clinical History

- 37-year-old male presents having had aching legs “for a long time”
- He is generally good health
- He explains he had a “vascular scan” at St elsewhere when his pain was unbearable, and the report states
 - “ no evidence of DVT”
- Your request states for rescan of painful lower limb.
- Consider the following image of the patient's knee and lower leg and respond to questions provided.

Visual Left lower limb



Questions 1- 4

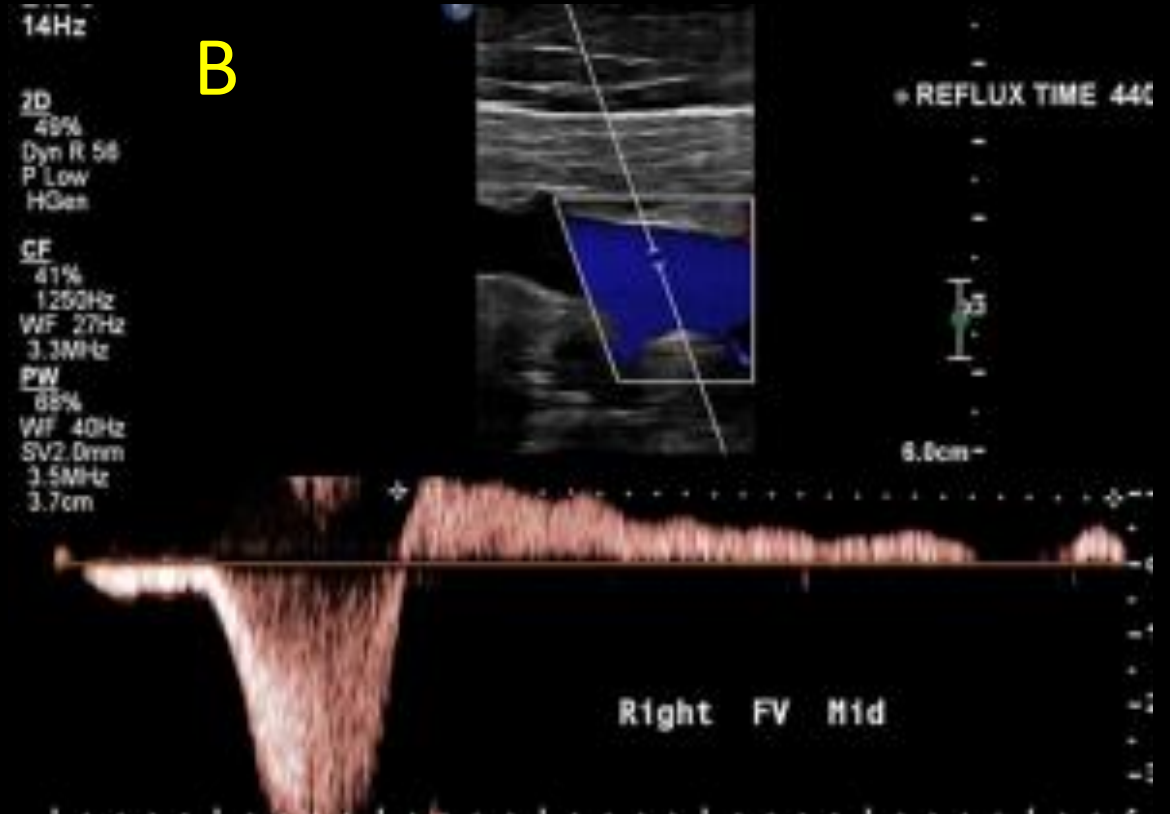
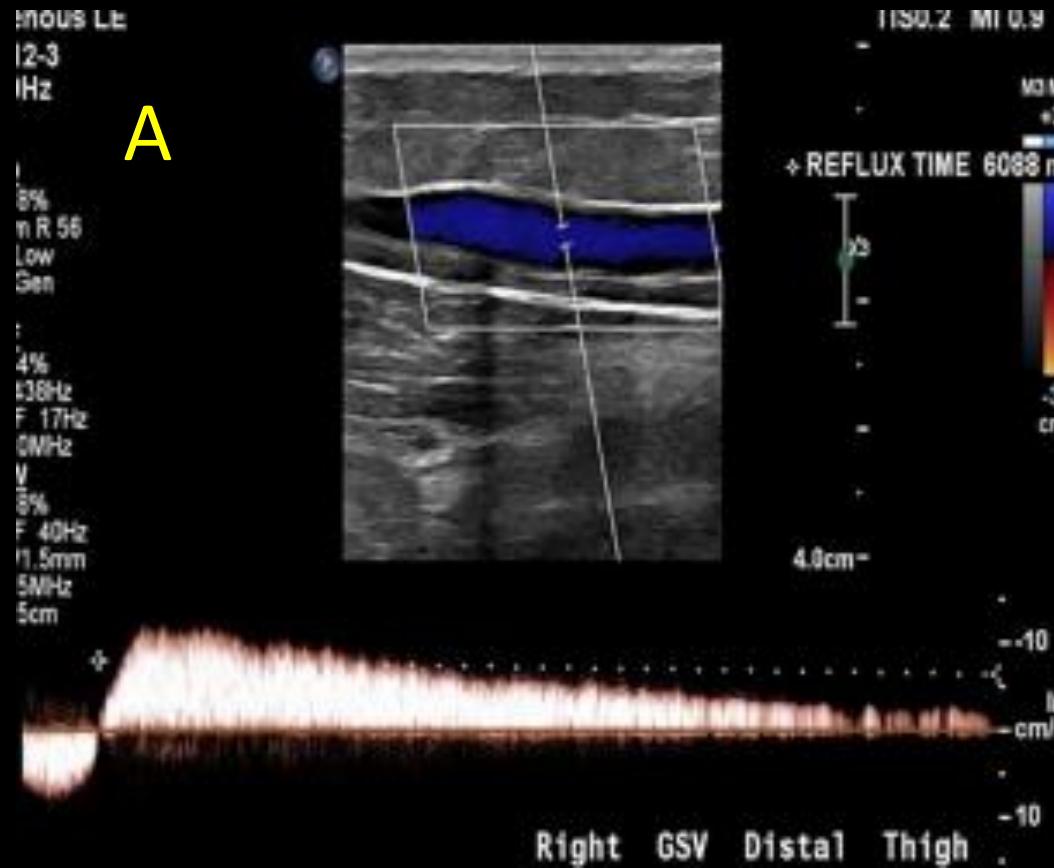
1. Using the CEAP classification visually what would the assessment be of this client? [3marks]
2. What scanning protocol, probe and patient position would be used for this study [3 marks]
3. Consider the image, what vessels are most likely affected and require detail interrogation? [1 mark]
4. Describe a treatment option that may be employed for this patient. [2 marks]

Client 2 – clinical history



- The next series of questions relate to a 67-year-old female
- She presents with a swollen painful lower limb.
- Despite the use of antibiotics, healing doesn't appear to be happening.
- Request asks for venous insufficiency study
- Please respond to questions provided.

Consider these two images



Question 5. Describe the ultrasound findings seen in image A and B. [6 marks]

Question 6, 7 and 8

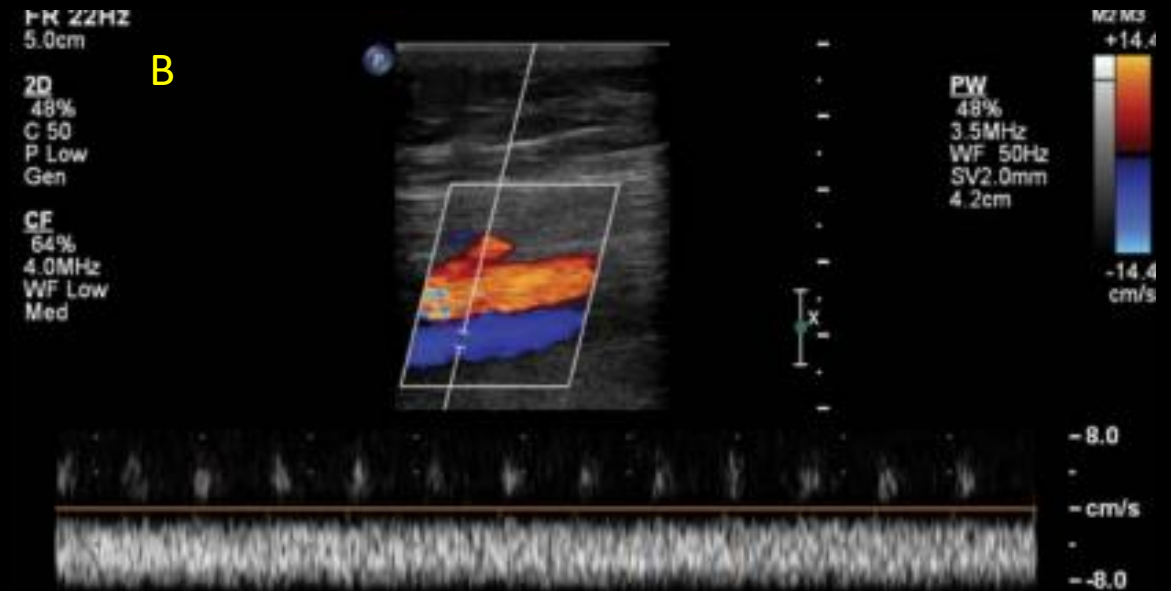
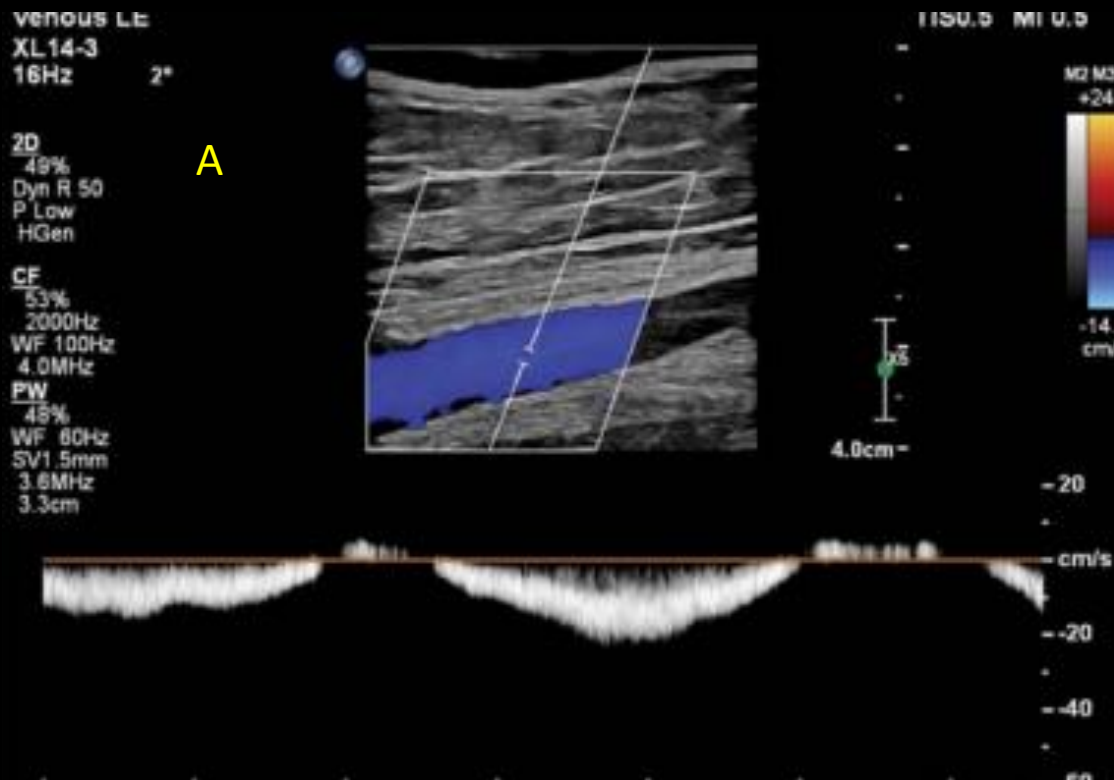
6. Based on these images, explain why this patient may be having difficulty healing her lower limb. [3 marks]

7. What treatment options would be available for this patient if the only vessel affected was the GSV? [4 marks]

8. If a patient asked, “can this be reversed if I look after myself better?” how would you respond? [1 mark]

Consider these two images

Question 9. Describe the image demonstrates a possible obstruction and why you chose that? [3 marks]



Questions 5-9

5. Describe the ultrasound findings seen in image A and B. [6 marks]
6. Based on these images, explain why this patient may be having difficulty healing her lower limb. [3 marks]
7. What treatment options would be available for this patient if the only vessel affected was the GSV? [4 marks]
8. If a patient asked, “can this be reversed if I look after myself better?” how would you respond? [1 mark]
9. Describe the image demonstrating a distal obstruction and why you chose that? [3 marks]