

Candidate No: _____



The Hong Kong College of Anaesthesiologists

Final Fellowship Examinations

Paper II – Radiology (1-5)

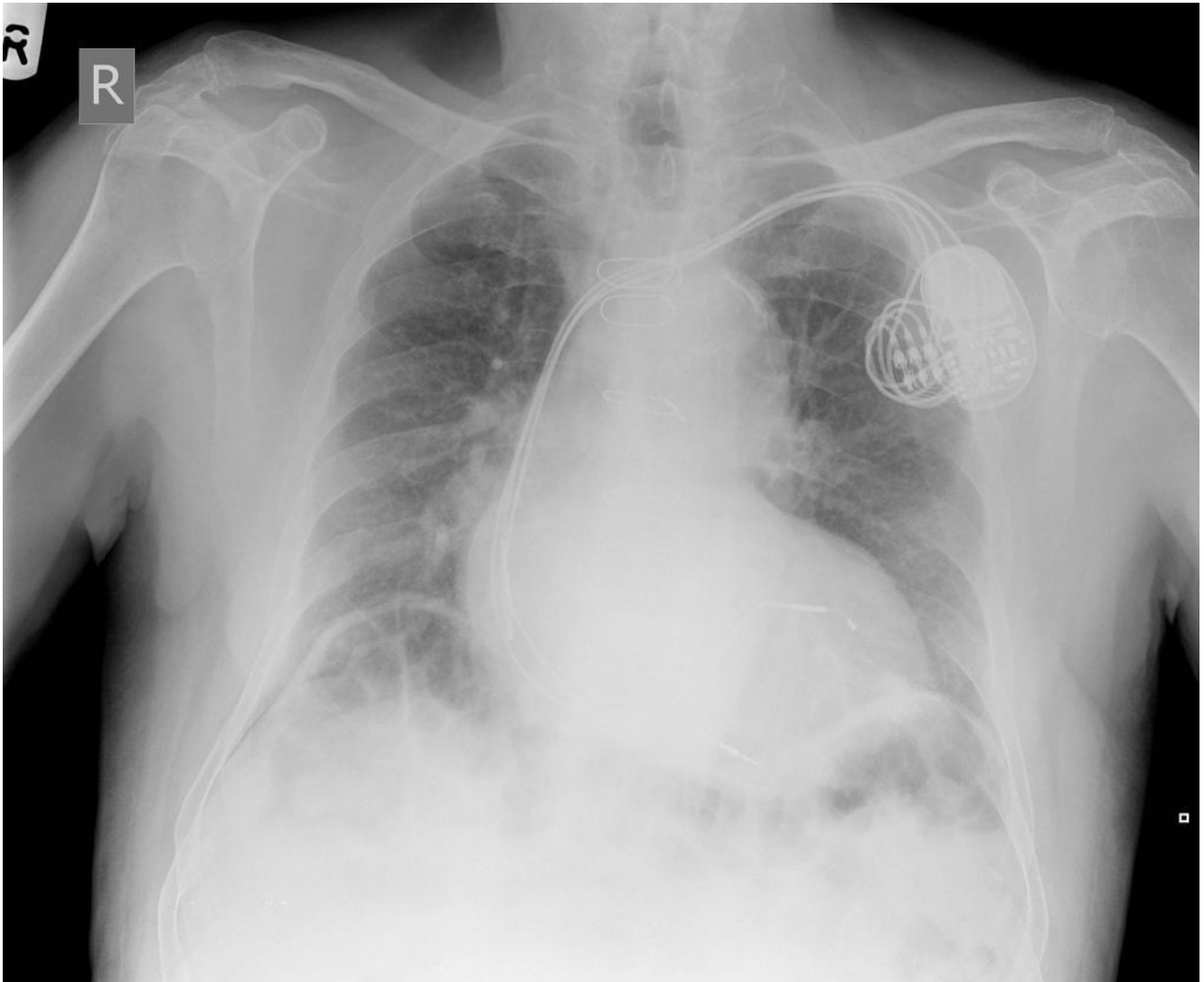
23 March 2023 (Thursday)

12:30 – 12:40 hours

Instructions:

- a. This is a question-answer book. Please write your answers in the space provided.
- b. Write your candidate number on the first page of the answer book.
- c. Use ink or ball-point pen.
- d. There are 5 questions in this paper, each with multiple parts.
- e. Answer **ALL** questions. They are worth equal marks.
- f. For questions with multiple parts, allocation of marks is indicated in the brackets.

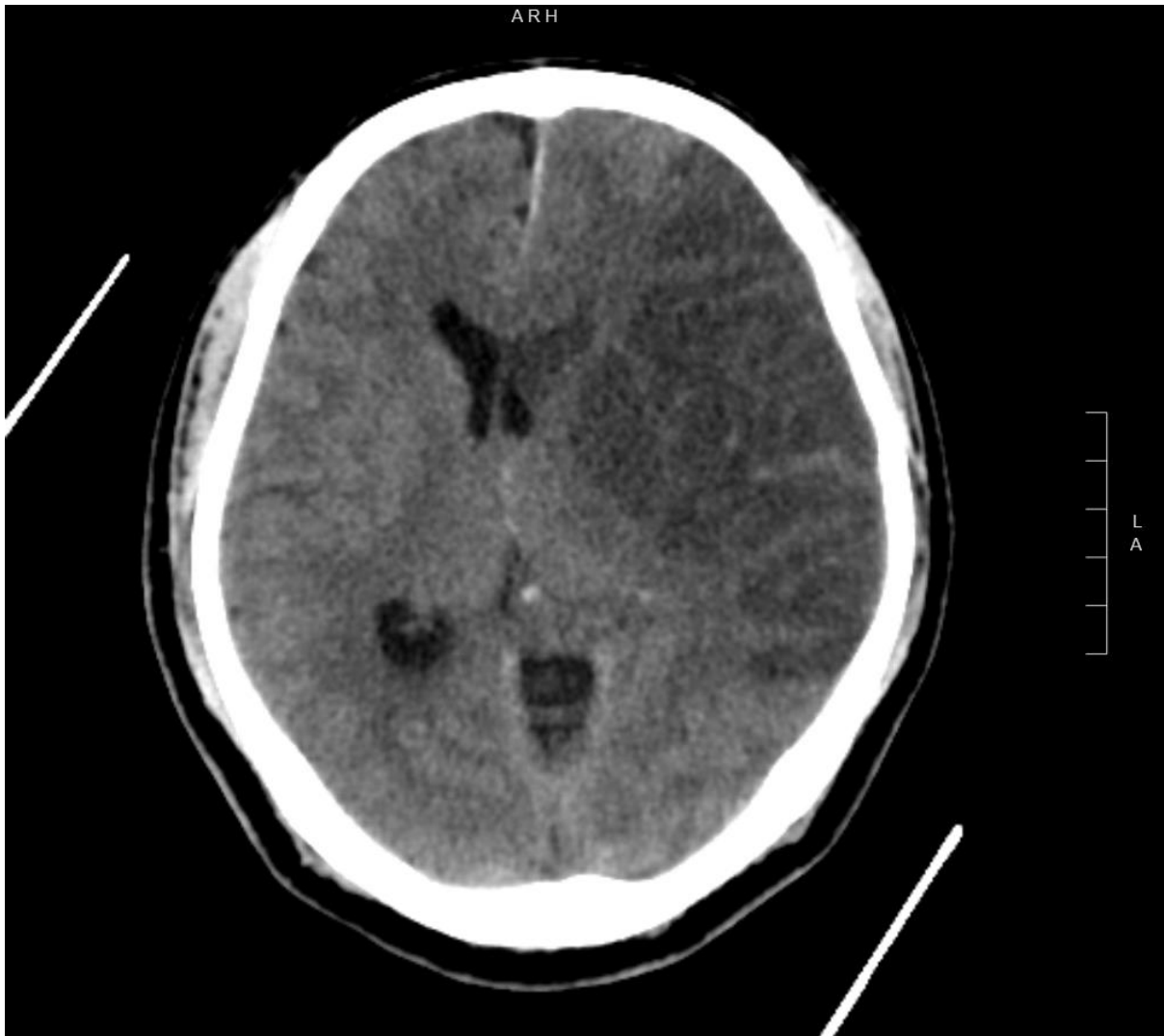
Question 1 (2 marks)



Please comment on this CXR? (2 marks)

Question 2 (4 marks)

A 75-year-old man with Diabetes Mellitus and hypertension underwent left nephrectomy under general anaesthesia. The procedure was uneventful with blood loss of 800mls. He was confused with dense right hemiparesis after emergence from anaesthesia, a non-contrast CT Brain was performed.



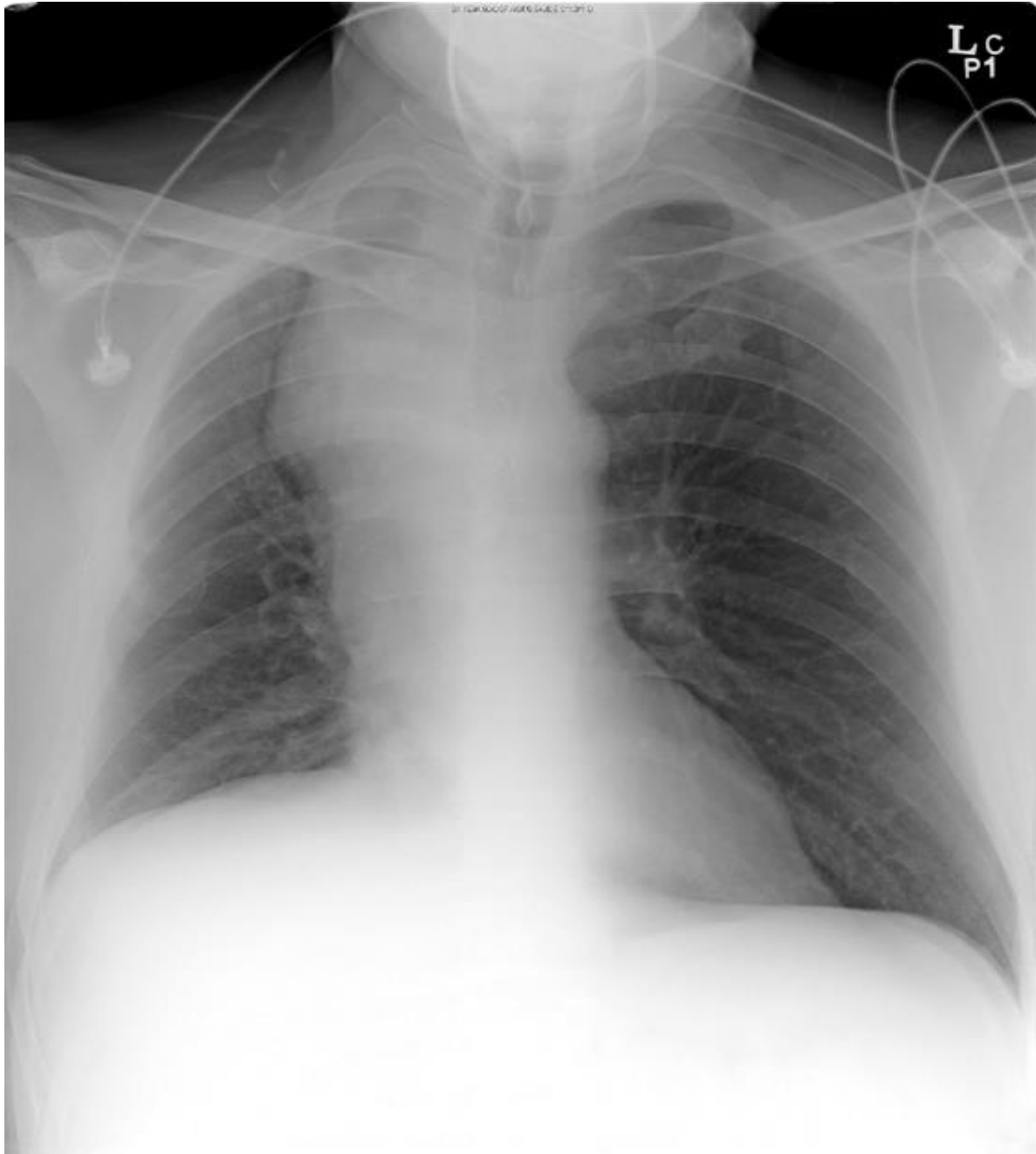
i) Name 2 abnormalities in the CT brain. (2 marks)

ii) What is the diagnosis? (1 mark)

iii) Name one intervention for this condition. (1 mark)

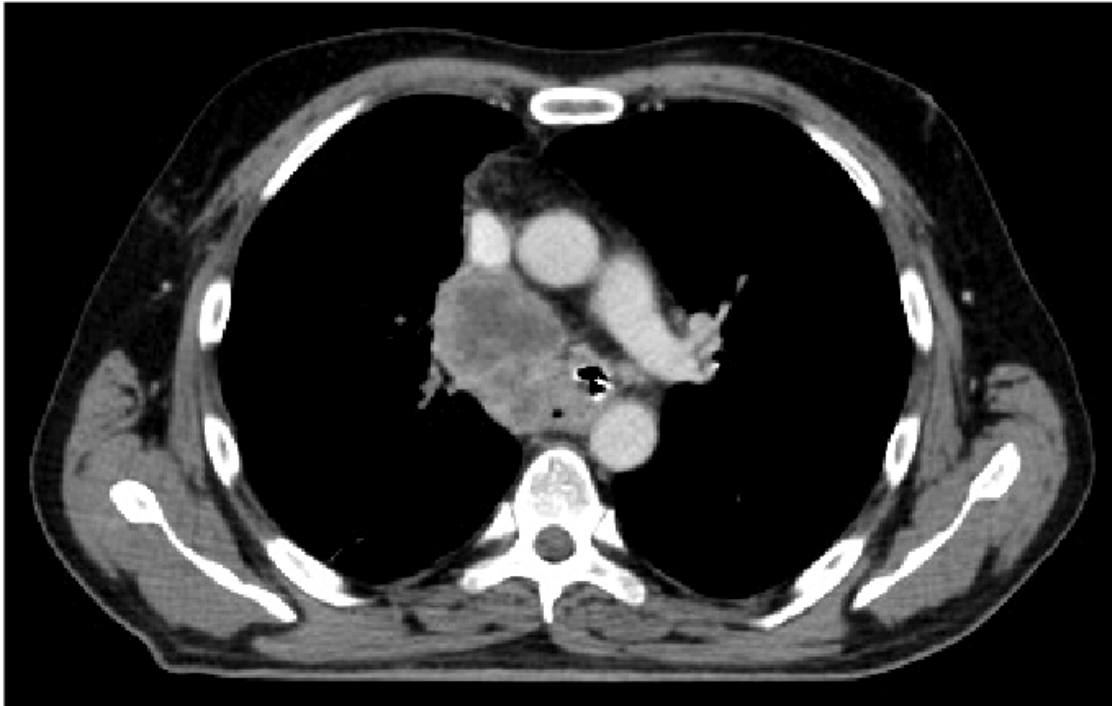
Question 3 (5 marks)

A 72-year-old man presented to the Accident and Emergency department with chest discomfort, he developed resting shortness of breath gradually over the past 4 months. A chest X-Ray was taken.



i) Describe 2 CXR findings. (2 marks)

In view of his symptoms of progressive shortness of breath, CT thorax was performed.



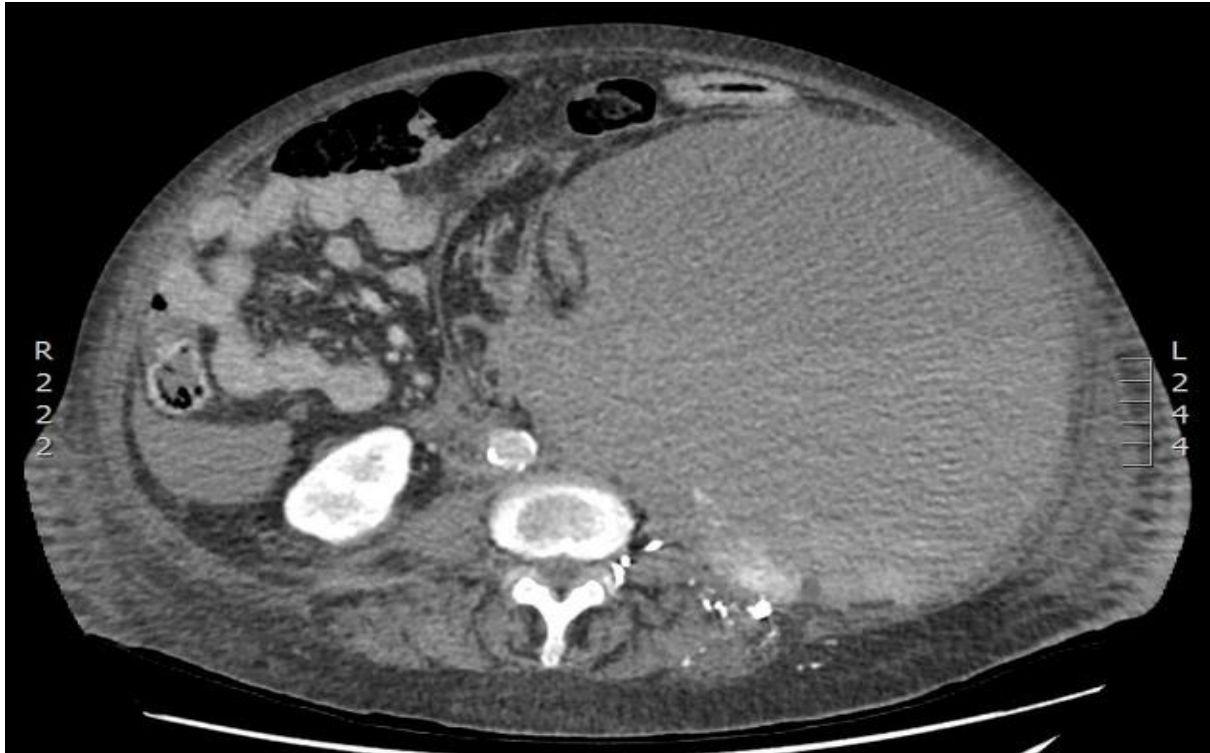
ii) What are the CT findings? (2 marks)

iii) What procedure will be useful for this condition? (1 mark)

Question 4 (6 marks)

An 80-year-old lady was admitted to a local hospital for management of her spontaneous bacterial peritonitis, therapeutic Low Molecular Weight Heparin (LMWH) was commenced for her atrial fibrillation (AF). She subsequently developed acute abdominal pain and hypovolemic shock.

CT abdomen was performed.





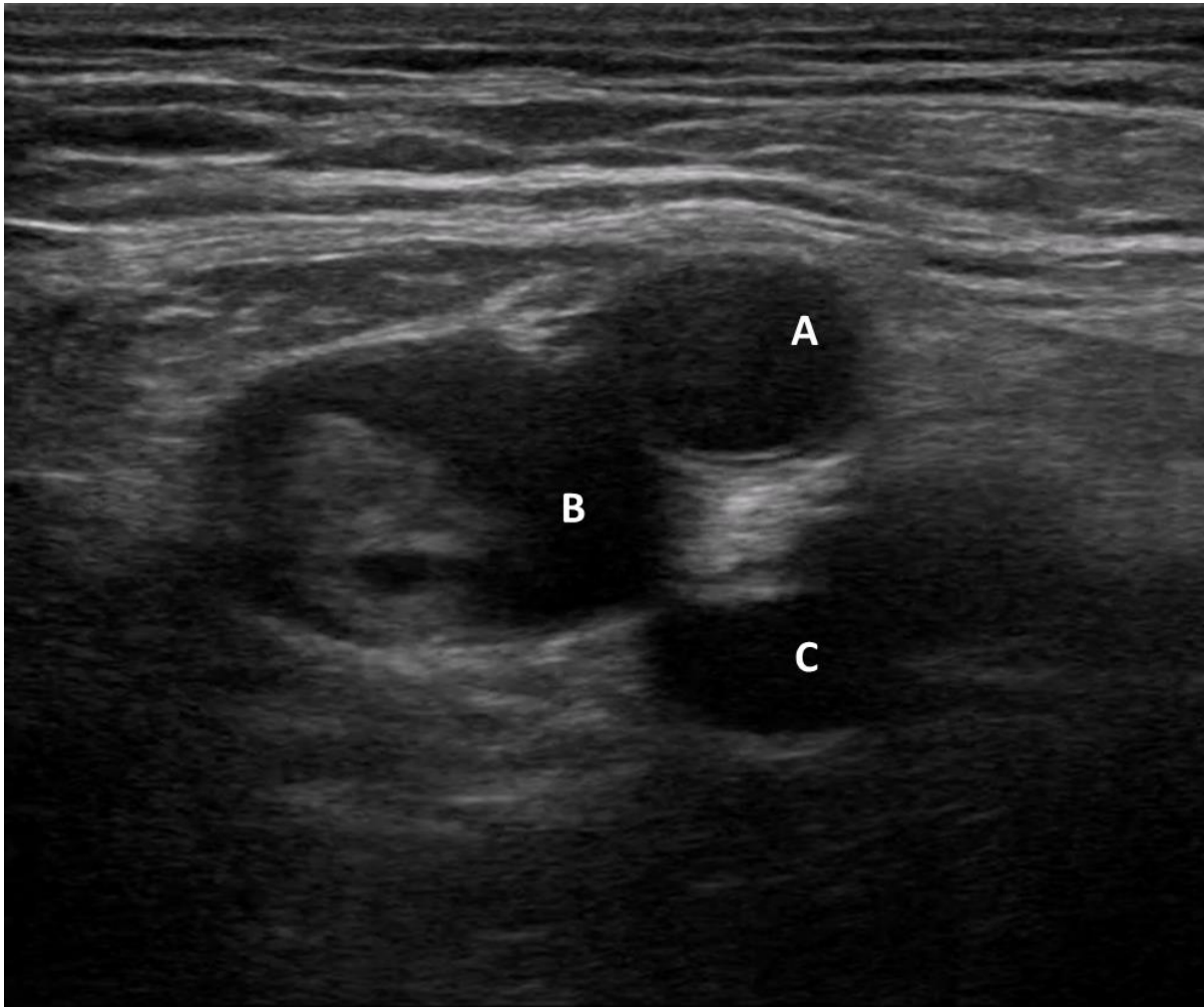
i) Describe the CT abdomen findings? (3 marks)

ii) What is the diagnosis? (1 mark)

iii) Name two treatment for this patient. (2 marks)

Question 5 (6 marks)

You are going to set a femoral venous catheter using USG guidance in a patient with difficult intravenous access.



i) Name the structures labelled A, B and C (3 marks)

ii) What is the abnormality noted in the USG? (1 mark)

iii) **What is the diagnosis? (1 mark)**

iv) **What manoeuvre with high sensitivity and specificity can be used to exclude your diagnosis? (1 mark)**

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