

Candidate No: \_\_\_\_\_



**The Hong Kong College of Anaesthesiologists**

**Final Fellowship Examinations**

**Paper II – Radiology (1-6)**

**9 April 2024 (Tuesday)**

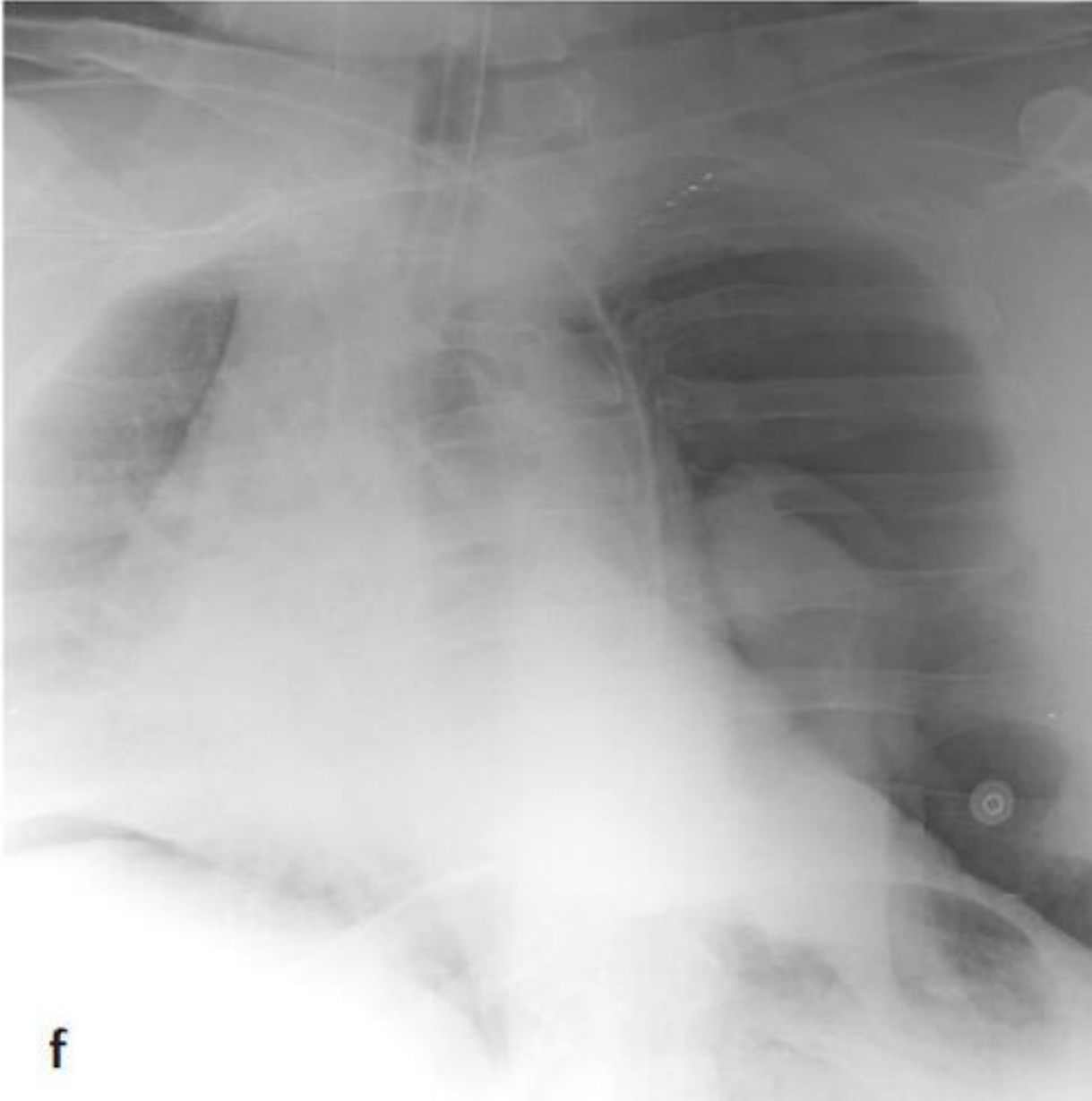
**12:40 – 12:50 hours**

**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 6 questions in this paper, each with multiple parts.
- e. Answer **ALL** questions.
- f. For questions with multiple parts, allocation of marks is indicated in the brackets.

**Question 1 (5 marks)**

**A 60-year-old man developed hypotension and desaturation during laparoscopic colectomy. This is the Chest film taken on table:**



1. List THREE abnormalities in this Chest X-ray (3 marks).

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2. What are your immediate management (2 marks)?

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Question 2 (6 marks)

A 40-year-old man was admitted after a car accident two days ago. He was a back seat passenger and did not put on his seat belt. He complained of upper abdominal pain. Physical examination showed reduced air entry on the left chest and bruises over his left upper abdomen. Nasogastric tube was inserted due to repeated vomiting.



1. Describe FIVE abnormalities/ findings in his Chest X-ray (5 marks).

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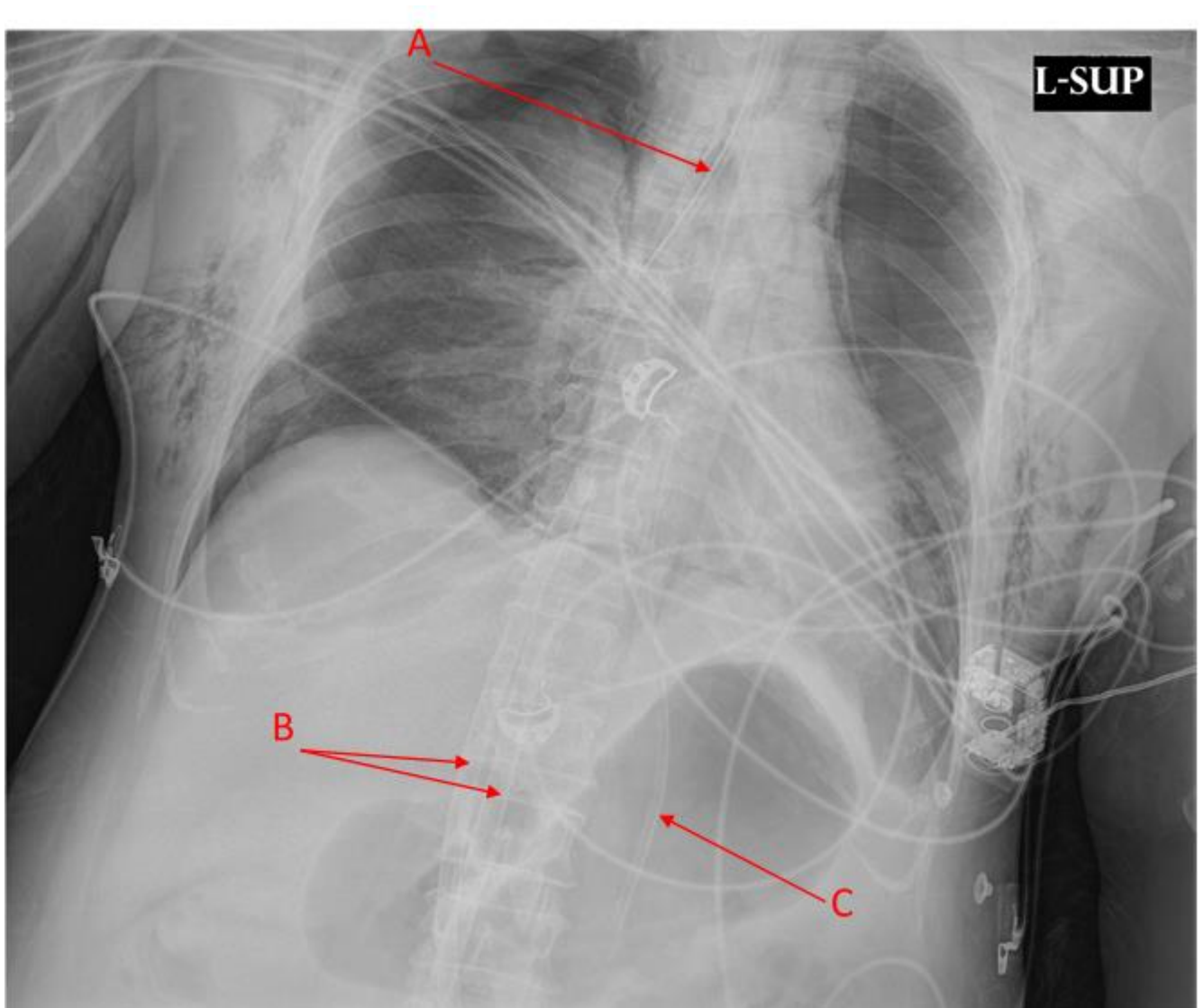
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2. What is the most likely cause of the above findings (1 mark)?

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Question 3 (6 marks)

A 60-year-old lady was admitted to the intensive care unit due to parapharyngeal abscess.



1. What are the labelled tubings A, B & C (3 marks).

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2. List THREE abnormalities in this Chest X-ray (3 marks).

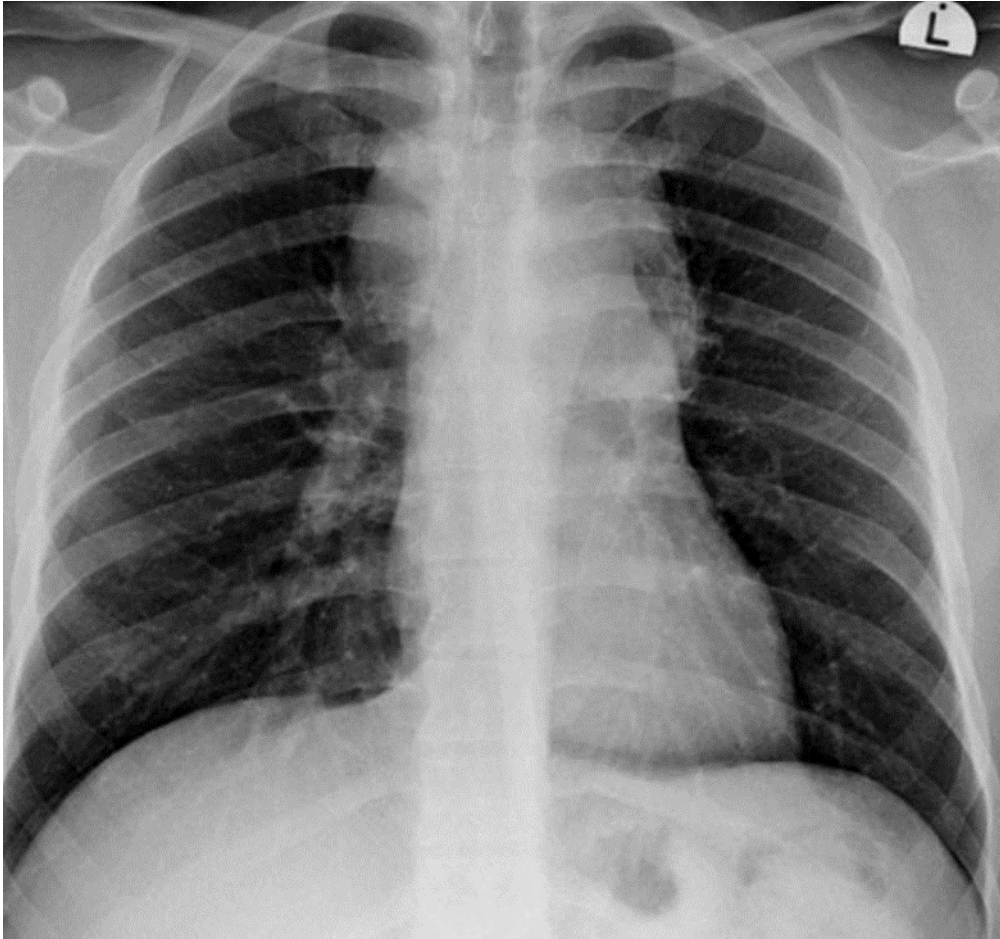
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**Question 4 (4 marks)**

**A 46-year-old man presented with general lethargy and mild shortness of breath on exertion. There is no smoking history. A chest X-ray is performed:**



1. What is the abnormality in this chest X-ray (1 mark)?

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2. Give THREE differential diagnoses (3 marks).

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**Question 5 (2 marks)**

**A 20-year-old man was assaulted one week ago. On arrival to Emergency Department, he complained of dizziness, blood pressure was 85/40 mmHg, pulse rate 100/min. This is the CT scan of his abdomen with contrast.**



1. What are the abnormalities in this CT scan (2 marks)?

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Question 6 (7 marks)

A 70-year-old man had laparoscopic right hemicolectomy performed two days ago. He was noted to have change in neurological status this morning. Urgent non-contrast CT brain is shown below:



1. List FOUR abnormalities in this CT brain (4 marks).

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2. What is the underlying diagnosis (1 mark)?

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3. Give TWO likely clinical presentations of this patient (2 marks).

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