



The Hong Kong College of Anaesthesiologists

Final Fellowship Examinations

Paper II – Radiology (1 - 4)

16 August 2021 (Monday)

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 every page of the answer book.
- c. Use ink or ball-point pen.
- d. There are 4 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.
- g. The associated image(s) for each question is (are) included in the “Film Book” under the same question number.

Question 1

A 50-year-old male presented to Accident and Emergency Department for sudden onset of excruciating chest discomfort and abdominal pain. He is confused with sinus tachycardia of 130 bpm and Blood pressure of 100/60 mmHg. SpO₂ is 96% on 5L/min O₂. CT thorax and abdomen with contrast was performed.

- i. Describe the abnormal findings in the CT thorax and Abdomen (3 marks)**

- ii. What is the diagnosis? (1 mark)**

- iii. His 12 leads ECG showed ST elevation over leads V1 to V3, what is the likely cause of this? (1 mark)

Question 2

Pre-op assessment in a 47-year-old male with history of back pain. He is scheduled for laparoscopic cholecystectomy. His lumbar spine X Ray was taken.

- i. Name 2 findings in these X rays (2 marks)

- ii. What is the diagnosis? (1 mark)

- iii. Name 4 features associated with this diagnosis that may affect the general anaesthesia. (2 marks)

Candidate No. _____

Question 3

60 year-old male presented to the emergency department with a week history of headache and gradual decrease in his conscious state. His CT brain is as shown above.

- i. List 3 abnormalities on the film. (3 marks)**

- ii. Give 2 predisposing factors for this condition. (2 marks)**

Question 4

A 60-year-old lady with history of Ischaemic heart disease presented with repeated episodes of syncope was admitted electively for a cardiac procedure. These are her Chest X-rays immediately after the procedure.

- i. List 3 findings related to the cardiac device (3 marks)**

- ii. What clinical condition can it cause? (1 mark)**

- iii. How to manage the condition in (ii)? (1 mark)**

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