



The Hong Kong College of Anaesthesiologists

Final Fellowship Examinations

Paper II – Radiology (1-6)

9 September 2019 (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 6 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

This is the chest X-ray of an elderly man presenting with acute abdomen.

List TWO abnormalities on the image. (2 marks)

(1) _____

(2) _____

Question 2

A 80-year-old man underwent laparoscopic colectomy. Post-intubation his airway pressure was high and there was blood from his mouth. This is his postoperative chest X-ray.

a) What is the abnormality on the image to explain his clinical condition? (1 mark)

b) What is the treatment for this condition? (1 mark)

Question 3

A 40-year-old lady complained of dyspnea after an elective left forearm surgery under an interscalene block. This is her post-operative chest X-ray.

a) What is the abnormality on the image? (1 mark)

b) What is the cause of the dyspnea? (1 mark)

Question 4

A 60-year-old man had laparotomy, under combined general and epidural anaesthesia, 2 weeks ago. He complained of bilateral lower limb tingling sensation. This is a T2 MRI of his lumbar spine.

List TWO major abnormalities on the image. (2 marks)

(1) _____

(2) _____

Question 5

70-year-old lady with repeated vomiting. This is her CT thorax scan.

a) What is the abnormality that may give rise to vomiting? (1 mark)

Question 5

b) On her **chest X-ray** please identify another incidental pathology. (1 mark)

Question 6

A 20-year-old lady complained of dysphagia and dyspnea. This is her CT thorax with contrast.

a) What is the abnormality on the image? (1 mark)

b) Suggest a pathologic mechanism that may explain for her dyspnea? (1 mark)

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