



The Hong Kong College of Anaesthesiologists

Final Fellowship Examination

Paper I

14th August 2015 (Friday)

09:00 – 10:30 hrs

Instructions:

- a. There are three pre-labelled answer books. Please make sure you answer the respective questions in the appropriate answer book.
 - b. Write your examination number on the cover of each answer book.
 - c. Answer **ALL** questions (nine questions). They are worth equal marks and you should spend approximately ten minutes for each question.
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Scenario A

A 50-year-old man with hypertrophic obstructive cardiomyopathy [HOCM] presents with acute appendicitis and the general surgeons want to perform a laparoscopic appendectomy on him.

1. Outline your pre-operative assessment, including investigations, and your expected findings.
2. Describe the principles of intraoperative management and how you would anaesthetize this man.
3. A number of patients with HOCM have implantable cardiac defibrillators [ICD]. Outline how you would manage the device if this patient has been implanted with an ICD.

Scenario B

A 79-year-old woman with non-insulin dependent diabetes mellitus and history of ischaemic heart disease has sustained a fractured neck of femur from a fall. The surgeons want to do an internal fixation as soon as possible.

4. What are the treatment strategies in the management of hip fractures that may lead to an improved clinical outcome?
5. Justify your choice of anaesthetic techniques in this patient.
6. The patient became restless, agitated and pulled out her indwelling intravenous catheter in the recovery room. Describe your management.

Scenario C

A 15-month-old girl (Body weight 10kg) with Down's syndrome is admitted for cleft palate repair. She was born full term and said to have good past health apart from a history of mild snoring.

7. Discuss your preoperative evaluation.
8. Outline your plan for general anaesthesia
9. Describe your post-operative management (60%) including your plan for post-operative analgesia (40%).

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