

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.

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.
- 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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