



The Hong Kong College of Anaesthesiologists

Final Fellowship Examination

Paper I

20th July 2007 (Friday)

09:00 – 10:30 hrs

Instructions:

- There are three pre-labelled answer books. Please make sure you answer the respective questions in the appropriate answer book.
 - Write your examination number on the cover of each answer book.
 - 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 69 year old male has an implantable cardioverter-defibrillator (ICD) located in his chest wall, below his left clavicle, to treat recurrent ventricular tachycardia. He presents for arthroplasty of his right shoulder under general anaesthesia.

- How would you evaluate his cardiovascular status preoperatively?
- What special precautions need to be taken intraoperatively to avoid problems related to his ICD?
- You decide to perform an interscalene block for post operative pain relief. Describe the anatomy relevant to this block and briefly outline your technique.

Scenario B

You are required to provide general anaesthesia for a 10-year-old boy with idiopathic scoliosis for corrective surgery using a posterior approach.

- Outline your pre-operative assessment.
- Discuss the potential problems associated with the prone position in this patient.
- During the course of the surgery, SSEP monitoring suddenly indicates a serious neurological problem. The surgeon requests you to perform a wake-up test. Describe how you would do this.

Scenario C

An 80 year-old woman has early dementia, but is otherwise healthy. She is scheduled for cataract extraction of the left eye under general anaesthesia.

- Outline the assessment and preparation of this patient before anaesthesia.
- What cognitive disturbances are likely in this patient in the postoperative period? Outline how these can be minimized in your anaesthetic management.
- The patient became restless and agitated in the recovery room. Outline your management.