



The Hong Kong College of Anaesthesiologists

Final Fellowship Examination Paper II

20th July 2007 (Friday)

11:00 – 12:30 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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1. Discuss the important issues in the anaesthetic management of a 35-year-old man for debridement of 30% burns over his neck, chest and leg 3 days after the injury. The patient has been managed unintubated in the intensive care unit.
2. Discuss the anaesthetic management of a 67-year-old woman with carcinoma of the lower trachea requiring rigid bronchoscopy and stent insertion.
3. 42 year-old lady with subarachnoid haemorrhage presented with sudden onset of severe headache and vomiting for 7-9 days. She was conscious, oriented but drowsy. You are to anaesthetise her for endovascular coil occlusion of an aneurysm at the top of right internal carotid artery. What are the anaesthetic concerns?
4. "Pressure control ventilation is better than volume control ventilation for intermittent positive pressure ventilation in infants". Discuss this statement.
5. Describe the effects on a patient of a core temperature of 34° C at the end of surgery and anaesthesia.
6. Describe the major classes of anti-platelet drugs and their mechanisms of action. Comment on their safe use in conjunction with spinal anaesthesia.
7. Discuss the prevention and treatment of maternal hypotension during spinal anaesthesia for caesarean section.
8. A 74-year-old female with no significant medical history is admitted for elective laparoscopic cholecystectomy. Halfway through the operation she develops a heart rate of 40 beats per minute and you note T wave inversion and ST depression on her ECG monitor. Describe your management of this patient.
9. A 30-year-old woman is scheduled for laparoscopic examination for primary infertility. She finds the statement "awareness whilst under general anaesthesia" in the written consent form unacceptable and demands your explanation. She wants you to promise her of not having such a horrible experience. Outline your management.

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