



The Hong Kong College of Anaesthesiologists

Final Fellowship Examination Paper II

9th July 2004 (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 appropriately answer book.
- b) Write your examination number on the cover of each answer book.
- c) Answer ALL questions (nine questions). They worth equal marks and you should spend approximately ten minutes for each short question.

1. A 21 years old woman presents with an intrauterine death at 34 weeks gestation. She has features of HELLP syndrome. What is HELLP syndrome? Outline the principles of its management.
2. A 43 years old man weighing 139 kg with a height of 155 cm presents for a right total hip replacement. Outline the risks of surgery and anaesthesia in this man.
3. A 38 years old, otherwise fit woman sustained an isolated head injury following a fall. On arrival at the hospital, she had a Glasgow Coma Score of 7/15. Outline your initial management of this woman with specific reference to minimizing further brain injuries.
4. Discuss the perioperative use of β -blockers in patients with coronary artery disease presenting for non cardiac surgery.
5. Discuss the role of pulmonary artery (Swan-Ganz) catheter as an intra-operative monitoring device in high risk surgical patients.
6. A 22 years old man with haemophilia is scheduled for elective inguinal hernia repair. Briefly discuss your anaesthetic considerations with specific reference to his disease.
7. Justify the important aspects of aseptic technique for placing an epidural catheter.
8. What are the therapeutic uses of magnesium and how does it work?
9. Some argue that nitrous oxide should never be used as part of a general anaesthetic. Give the reasons in support of this assertion.

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