



The Hong Kong College of Anaesthesiologists

Final Fellowship Examination Paper II

15th July 2005 (Friday)

11:00 – 12:30 hrs

Instructions:

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

- A woman weighing 165 kg presents for an abdominoplasty following weight loss. Her height is 1.63 metres. What are the anaesthetic problems and how would you plan the anaesthetic?
- A 46 years old woman in end stage renal failure presents for an interval appendicectomy. What are the pathophysiological consequences of end stage renal failure? How would these impact on your anaesthetic management?
- What are the indications for coeliac plexus block? How would you carry it out and what are the complications?
- Discuss the problems related to cross-clamping and un-clamping of the thoracic aorta and the anaesthetic management during repair of descending aortic aneurysm.
- Discuss the post-operative pain management of an 11 months old infant following cleft palate repair.
- A 25 years old male cocaine abuser presents with acute abdomen. Outline the anaesthetic implications of acute cocaine intoxication.
- Explain the physical principles of the design of a vacuum insulated evaporator for bulk storage of oxygen.
- A 72 years old woman is admitted for left total hip replacement. She has hypertension and congestive cardiac failure controlled by lisinopril, indapamide, carvedilol and frusemide. Her serum biochemistry reveals one abnormality, sodium of 121 mmol/L. List the possible causes and the significance of hyponatraemia in this patient. Briefly outline your management.
- Outline the measures taken to ensure safety in the Operating Theatres during laser excision of laryngeal papillomata.

*** END ***