



The Hong Kong College of Anaesthesiologists

Final Fellowship Examination

Paper II

15th March 2002 (Friday)

11:00 - 12:30 hrs

Instructions:

- a) For each clinical scenario there are three related short questions.
 - b) There are three pre-labelled answer books. Please make sure you answer the respective scenario in the appropriate answer book.
 - c) Write your examination number on the cover of each answer book.
 - d) Answer All questions (nine questions). They worth equal marks and you should spend approximately ten minutes for each short question.
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1. Justify your choice of muscle relaxant(s) for an otherwise well child needing rapid sequence induction for appendicectomy.
2. Justify the pre-operative care you would undertake with respect to chronic airways limitation in a 70 year old man who has a long history of cigarette smoking and is scheduled for elective abdominal surgery.
3. What is your understanding of the effects of inhalation anaesthetic agent pollution on operating theatre personnel?
4. Describe how you would perform a chemical lumbar sympathectomy in a patient with chronic left leg pain as a result of peripheral vascular disease.
5. A 74 year old man is scheduled for laser treatment of a recurrent base of tongue carcinoma. What are the risks of laser surgery in this case and how would you reduce them?
6. A 54yr old man (ASA1) is scheduled for elective gastrectomy tomorrow. He gives a history of minor ankle injury complicated by deep vein thrombosis 3 years previously. Briefly outline your anaesthetic management for this patient.
7. Outline the hazards of the use of electrically powered equipment in operating theatres and how these hazards can be minimized.
8. A well 2 month old 3.5 kg boy is scheduled for day surgery inguinal hernia repair under general anaesthesia. He was born at 30 weeks gestation and required 2 weeks of ventilation in the neonatal special care baby unit. Briefly outline and justify your anaesthetic management.
9. A 56 year old 70 kg woman underwent L1-2 posterior spinal fusion under general anaesthesia. A few hours post-operatively she complained of decreased vision in her right eye. *Discuss the possible intra-operative causes that might have contributed to this complication.*

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