



The Hong Kong College of Anaesthesiologists
Diploma of Fellowship
Final Fellowship (Intensive Care)
Long Answer Paper
2 Questions

MONDAY, 11th NOVEMBER 2002

1:00 pm - 3:00 pm

NOTICE

- (A) Write your answers to the two questions in separate books.
- (B) Read the questions carefully, and in view of the time available, balance your answers to encompass points of great importance without going into needless detail.
- (C) Record your number on the cover of each book and hand in all books.

QUESTION ONE

A 35 year old female with known asthma is admitted to your ICU from accident and emergency because of her deteriorating clinical state.

- (1) What clinical indicators tell you that she has severe asthma?
- (2) Describe in detail your management plan over the first 24 hours in the unit.

Despite your therapy, she continues to deteriorate. You decide she requires intubation.

- (3) Please describe in detail your method of intubation and mode of ventilation and what complications may occur from doing so.

After a week in the unit, her bronchospasm has cleared. Despite that, she is becoming difficult to wean off the ventilator.

- (4) Describe your approach to this problem.

QUESTION TWO

- (1) Discuss your clinical indications for the insertion of a pulmonary artery flotation catheter (PAFC).
- (2) Describe the factors affecting pulmonary artery catheter data interpretation.
- (3) Summarise the recent literature regarding the relationship between PAFC use and clinical outcome, and your interpretation of these findings.
- (4) Describe what factors you regard as important in the evaluation of a sophisticated hemodynamic monitoring system?
- (5) Describe other technologies which are available to monitor hemodynamic parameters and their place in your clinical management.

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