



HONG KONG COLLEGE OF ANAESTHESIOLOGISTS

DIPLOMA OF FELLOWSHIP

FINAL FELLOWSHIP (INTENSIVE CARE)

LONG ANSWER PAPER

2 Questions

TUESDAY, 3rd OCTOBER, 2006

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 72 year old man with known chronic obstructive airways disease has been admitted to hospital with an acute exacerbation. He has increased productive cough, dyspnoea and a fever for several days. His CXR shows signs of chronic obstructive airways disease and the lung fields are clear. He has severe ventilatory failure with exhaustion and a high PaCO₂, and is confused and obtunded. Your ICU has only one empty bed and no further possible discharges in the short term. There are no facilities to ventilate patients elsewhere in the hospital.

- (a) Discuss briefly the main issues you would consider in deciding whether to admit him to your ICU and ventilate him.
- (b) Discuss the clinical, laboratory and symptomatic features you would look for to assess his probability of short and long term survival.
- (c) You decide to admit him into your ICU. Describe your management of this patient, giving details regarding the principles you would use for mechanical ventilation.

QUESTION TWO

A 20 year old man has been admitted because of thermal injuries from a household fire. He is confused with 70% deep burn, affecting his chest, abdomen, both upper limb and the right lower limb.

- (a) Discuss the management of this patient in the first 24 hours
- (b) The patient developed fever, progressive hypotension and tachycardia 5 days after admission. Discuss the management of this problem.
- (c) Discuss the different ways to prognosticate patients with thermal injuries.

End