

UNIVERSITY OF CAPE TOWN
STELLENBOSCH UNIVERSITY

MMed Emergency Medicine
Final examination

MPhil Emergency Medicine
Written examination

24 August 2007

Clinical long answer paper

0900 - 1200

This paper consists of **FOUR** long answer questions. All questions are to be answered. Each question is worth 100 marks.

Answer each question in a separate answer book.

1. A 35 year old coloured male wine-farm worker is brought into your Emergency Department on a Tuesday. He has had many previous admissions to hospital, but no-one can find his records and the patient cannot tell you what was wrong on those occasions.

He states that he had a mild headache in the morning and then developed severe abdominal pain. His wife says he was hot to touch and he started speaking of things crawling on him and things that had bitten him.

On examination, he is sweaty and agitated, but has a generally soft non tender abdomen. His BP is 210/140 and heart rate is 125. He has a number of prominent scars on his hands and face.

Discuss and explain the differential diagnosis, important investigations, and further management of this patient.

[100]

2. A 24 year old female presents to your Emergency Department claiming that she was raped 36 hours ago. Discuss your management of this patient.

[100]

3. You are called to accompany a paramedic response vehicle to a building collapse. Describe how you would approach the scene.

[15]

On scene, you encounter a 25-year old male patient who is buried in rubble up to his clavicles; only his head and neck are exposed. List all vital signs and other signs of injury that you would be able to elicit in order to assess the patient's condition.

[15]

The patient has a GCS of 11/15 and a heart rate of 130 with weak pulse. A staged extrication takes 2 hours. Detail the expected complications in this case, and your management of the patient.

[70]

4. In a patient with septic shock explain your diagnostic strategy and management with Early Goal Directed Therapy.

[60+40]