

UNIVERSITY OF CAPE TOWN
STELLENBOSCH UNIVERSITY

MMed Emergency Medicine
Final examination
MPhil Emergency Medicine
Written examination
15 March 2007

Clinical short answer paper 2

1300 - 1600

This paper consists of **FIFTEEN** short answer questions. All questions are to be answered. Each question is worth 10 marks.

Answer questions in the following books:

Question	Book
1-2	1
3-4	2
5-8	3
9-12	4
13-15	5

If you need to continue an answer in an extra book, do not mix answers in one book other than as detailed above.

1.

List the Absolute contraindications to thrombolytic therapy in acute Myocardial Infarction.

Briefly discuss your initial management of a 65 year old, previously well male with first episode Non-ST Elevation Myocardial Infarction.

2.

You are sent to the scene of a high speed head-on Motor Vehicle Accident. There is one patient: an unrestrained driver still in the driver's seat. There is a bullseye mark on the front windscreen.

List the injuries he may have sustained. What is your pre-hospital management of this patient?

3.

A 25 year old female tri-athlete presents with non-specific hip, buttock and knee pain. Discuss briefly 5 causes of this condition and your management of this patient.

4.

A 45 year old male, heavy smoker and keen surfer presents with left sided earache for 3 weeks. Describe briefly the differential diagnosis and what specific investigation you would carry out prior to referral.

5.

A 40 year old male presents with acute onset of headache, with blurring of vision, nausea and vomiting. Outline your approach and management.

6.

3 year old is brought into your Emergency Department by her mother. She has eaten strange berries from a tree at her pre-primary school. Further investigation identifies the berries as that from the Syringa tree. Outline your further management.

7.

Write short notes on the Extremely Drug Resistant TB (XDR TB), including definition and management.

8.

A 17 year old male is brought into the Emergency Department following a fire in his shack. Examination shows blackening around the facial area as well as third degree burns to both arms. Describe your management.

9.

List the key symptoms and signs of hypothermia, including the temperature below which these features develop. Briefly describe rewarming techniques for a 20 year old male with a core temperature of 29 degrees Celsius.

10.

A 22 year old presents 2 hours after having been bitten on the leg by a dog in a rabies endemic area. Detail your assessment and management of the rabies risk.

11.

Describe a suitable tool for assessment of the risk of Deliberate Self Harm in the Emergency Department.

12.

Briefly describe the management of lactic acidosis in a 22 year old HIV positive female on HAART.

13.

Write short notes on Lisfranc fractures.

14.

A 32 year old male was the driver of a car involved in a head on crash. You suspect he has a posterior hip dislocation. Describe the presentation and management of this condition.

15.

Write short notes on the clinical presentation and management of mesenteric ischaemia.