

UNIVERSITY OF CAPE TOWN
STELLENBOSCH UNIVERSITY
Faculty of Health Sciences

MMed Emergency Medicine
Final Examination

MPhil Emergency Medicine
Written Examination

14 August 2009

Clinical Long Answer Paper

0900 – 1200

**No Calculators and/or Electronic Equipment/Aid
will be allowed**

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

Answer each question in a separate book.

LONG QUESTIONS

Question 1

A 27 year old female, 34 weeks pregnant, presents to you following a motor vehicle accident. She has suffered a significant head injury with a depressed Level of Consciousness, femur fracture and chest contusion.

- a) Describe how the physiological changes of pregnancy affect her airway and respiratory system (25)
- b) Discuss the acute management of traumatic brain injury (50)
- c) Describe the assessment and management of the foetus in this polytrauma patient (25)

[100]

Question 2

Describe your approach to the diagnosis and management of a 65yr old man who presents to your EC following a syncopal episode. Draw up an algorithm for junior staff to manage patients presenting syncope.

(100)

Question 3

Discuss your approach to intubation of the difficult airway. Describe how you may predict the Include your management strategies for the following scenarios:

- a) cannot intubate, can ventilate
- b) cannot intubate, cannot ventilate

(100)

Question 4

Discuss the presentation, causative organisms, diagnosis and management of marine toxin ingestion under the following headings

- a) Shellfish Poisoning
- b) Scombroid
- c) Ciguatera

(100)