

UNIVERSITY OF CAPE TOWN  
STELLENBOSCH UNIVERSITY  
Faculty of Health Sciences

MMed Emergency Medicine  
Final examination

MPhil Emergency Medicine  
Written examination

19 March 2008

**Clinical short answer paper 2**

1300 - 1600

**NO CALCULATORS AND/OR  
ELECTRONIC EQUIPMENT/AID WILL BE ALLOWED**

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:

<b>Question</b>	<b>Book</b>
<b>1-2</b>	<b>1</b>
<b>3-5</b>	<b>2</b>
<b>6-8</b>	<b>3</b>
<b>9-10</b>	<b>4</b>
<b>11-12</b>	<b>5</b>
<b>13-15</b>	<b>6</b>

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 ten non-surgical, non-traumatic causes of abdominal pain.
2.  
Define the San Francisco Syncope rule and give one reason why you find it helpful / not helpful.
3.  
A 70 year old female presents to your emergency centre with a letter from the laboratory stating that she is on Warfarin and her current INR (checked and confirmed) is 8.  
Discuss how you would manage this patient.
4.  
An 18 year old haemophiliac presents to your emergency centre after being assaulted on the head with a brick. His GCS is 14/15.  
How would you manage him? Include in your discussion classification of severity, and any blood products which you would administer.
5.  
End tidal Carbon Dioxide monitoring is considered a secondary confirmatory device for intubation. Discuss the 2 commonly available options for monitoring end tidal CO<sub>2</sub>. Include in your answer the pros and cons for these devices (false negatives/ false positives).
6.  
A hysterical 2 year old male is brought into the emergency centre by her mother, who says he is unable to weight bear on her left leg. Discuss your investigation and management of this child.
7.  
A right hand dominant architect presents with right shoulder pain of 1 week duration. There is no history of injury. Discuss briefly the normal range of movement of muscles at the shoulder, and list 5 common causes of shoulder pain.
8.  
List 5 causes of painful red eye, and list 5 causes of acute visual disturbance in an uninflamed eye.
9.  
Outline the criteria for immediate cardiac catheterisation in acute myocardial infarction.

10.

Discuss the current emergency indications for intravenous sodium bicarbonate.

11.

Discuss the indications for, and possible complications associated with, two different methods of re-locating an anterior shoulder dislocation.

12.

Describe the management of a 7 year old child who has swallowed a foreign body (FB). Include:

- Management if the FB was a chicken bone and if was a button battery
- Advice to parents

13.

List the clinical consequences of morbid obesity as they present to the emergency centre.

14.

Describe a practical management approach to the seriously disruptive patient in the emergency centre.

15.

Compare and contrast the clinical presentations of delirium and dementia in the emergency centre.