

UNIVERSITY OF CAPE TOWN
STELLENBOSCH UNIVERSITY

MMed Emergency Medicine
Final examination

MPhil Emergency Medicine
Written examination

23 August 2007

Clinical short answer paper 1

0900 - 1200

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
5-7	3
8-10	4
11-13	5
14-15	6

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

1. Discuss an action plan for the “can’t intubate – can’t ventilate” failed airway situation.
2. Discuss the advantages, disadvantages, indications, contra-indications, side-effects and dosage of suxamethonium hydrochloride.
3. Discuss five common pelvic disorders you may encounter in long distance runners.
4. You are confronted by a confused aggressive 40 year old female with evidence of previous deliberate self harm. Discuss how you will risk stratify her and your management of the patient.
5. A patient presents with a posterior knee dislocation. Describe the typical mechanisms of injury, clinical examination findings and essential further diagnostic requirements.
6. Describe the clinical scenarios, examination findings, diagnostic work-up and best treatment for the patient with suspected crush / myoneuropathic syndrome.
7. List the differential diagnosis in order of likelihood in a case presenting to your Emergency Department with acute haematemesis. Describe the work-up required.
8. Acute cholecystitis and acute ascending cholangitis may be very similar in presentation, but with vastly differing clinical outcomes. Describe the typical symptoms and signs associated with each of the conditions and discuss how one can discriminate clinically between the two.
9. List the differential diagnosis in order of likelihood in a case presenting to your Emergency Department with large volume red rectal haemorrhage (haematochezia).
10. List the differential diagnosis in a case presenting to your Emergency Department with a palpable tender right iliac fossa mass. Which single imaging study and which bedside test may assist in diagnosis?

11. Discuss the causes, signs and symptoms, and treatment of acute hypokalaemia.

12. A 22 year old presents after a bite from a bat. Discuss rabies risk stratification and prophylaxis in this case.

13. Discuss the Emergency Department management of a 22 year old sexually active female with Pelvic Inflammatory Disease.

14. A 9 year old girl presents to the Emergency Department after having had a tooth extraction 5 days ago. She has developed torrential intractable bleeding. Discuss the differential diagnosis of her condition.

15. A 32 year old male presents with a laceration over the left pre-auricular area. Detail examination of his facial nerve function, and discuss his management.