

**NSW Fellowship Course  
MOCK EXAM 2009.1 – JANUARY 2009  
Royal North Shore Hospital**

**Short Answer Questions**

- *8 Questions*
- *120 minutes*
- *Answer all questions*
- *Use a new booklet / paper for each question.*
- *Staple each question's answer sheets together.*
- *Write your name on the top of the first page of each answer.*

## **SAQ Paper**

### ***Question 1***

Your Director has asked you to explore the role of Nurse Practitioners within the Emergency Department. Discuss the advantages and disadvantages of this role for both tertiary and rural emergency departments (100%)

### ***Question 2***

A sixty-year old (60) man with a background history of Atrial Fibrillation and Transient Ischaemic Attacks (TIA) has collapsed at home. He arrives via ambulance to your metropolitan district hospital with observations as follows :-

Pulse	125 – irregular
Blood pressure	80/50
O2 Sats (15L/min)	98%
GCS	E=2; V=3; M=5
Blood sugar	4.8

The medications include dipyridamole, warfarin, digoxin, omeprazole and simvastatin. He has abdominal pains but no blood per rectum. He has received 500 mls of Hartmanns solution via a peripheral cannula with no change of his parameters. A bedside ultrasound shows no intra-peritoneal free fluid and no abdominal aortic aneurysm. A CT scan of the brain and abdomen show a small intra-cerebral haemorrhage and sub-dural haematoma and a retroperitoneal haematoma with signs of active bleeding.

Describe your management of this man. (100%)

### ***Question 3***

Outline the indications and utilization of Non-Invasive ventilation techniques within the emergency department. (100%)

### ***Question 4***

Compare and contrast the methods for clearance of the cervical spine in trauma? (100%)

### ***Question 5***

Relatives of a patient in your emergency department approach you with concerns about the performance of one of your medical staff. They feel that an inappropriate assessment and an examination of the genitalia had been performed on their confused elderly relative.

Outline how you would manage this situation (100%)

### ***Question 6***

Discuss the use of antidotes in patients presenting with the following toxic ingestions:

- a) Cyanide (50%)
- b) Heavy metal poisoning (50%)

### ***Question 7***

- a) Describe the management of displaced Colles fractures (80%)
- b) List the possible complications (20%)

### ***Question 8***

A father brings his fourteen-month (14) old boy to your metropolitan emergency department. The child has a 2-day history of vomiting and diarrhea and has been fed on sweetened condensed milk with a vitamin supplement. On arrival the child's weight is 9.5kg, systolic blood pressure 90 mmHg, temperature 35°C (tympanic), respiratory rate 50 breaths per minute and heart rate 140 beats per minute.

Serum electrolytes taken soon after arrival show (normal range in parentheses):

Na <sup>+</sup>	160	mmol/l	(134 – 146)
K <sup>+</sup>	3.6	mmol/l	(3.4 – 5.5)
Cl <sup>-</sup>	60	mmol/l	(90 – 110)
HCO <sub>3</sub> <sup>-</sup>	2	mmol/l	(22 – 28)

- a) List the differential diagnosis. (25%)
- b) Describe your management of this infant, including a detailed plan for fluid resuscitation. (75%)