

AUSTRALASIAN COLLEGE FOR EMERGENCY MEDICINE
FELLOWSHIP EXAMINATION
17 FEBRUARY 2010 - PART C

Question 7

A 45 year old woman with a past history of depression presents to your emergency department with 2 weeks of nausea, weakness and lethargy. There has been no vomiting or diarrhoea.

Describe and interpret her results

(100%)

Question 7

Serum biochemistry and arterial blood gas

			Reference Range
FiO ₂	0.21		
pH	7.60		7.35-7.45
pCO ₂	41	mmHg	35-45
pO ₂	80	mmHg	80-95
Bicarbonate	40	mmol/L	22-28
Base excess	16		-3 - +3
O ₂ saturation	96	%	> 95
Na ⁺	119	mmol/L	134-146
K ⁺	2.1	mmol/L	3.4-5
Cl ⁻	67	mmol/L	98-106
Glucose	6.4	mmol/L	3.5-5.5

AUSTRALASIAN COLLEGE FOR EMERGENCY MEDICINE
FELLOWSHIP EXAMINATION
17 FEBRUARY 2010 - PART C

Question 8

This 11 year old boy has an isolated head injury after falling from a skateboard 10 hours ago. He has a GCS of 4 with decerebrate posturing.

An image from his non contrast head CT scan is shown.

- a. Describe and interpret his CT scan (30%)
- b. Outline your pre-operative treatment in ED (70%)

Question 8. CT scan

