

**AUSTRALASIAN COLLEGE FOR EMERGENCY MEDICINE
FELLOWSHIP EXAMINATION
11 AUGUST 2010 - PART C**

Question 4

A 35 year old man presents to the emergency department after an injury to the left ankle sustained in a motorcycle accident.

Describe and interpret his X-rays

(100%)

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Question 4. X-rays

See over page for props

**X-ray 1 & X-ray 2
On next page**

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Question 4. X-ray 1



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Question 4. X-ray 2



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Question 5

A 29 year old woman who is 30 weeks pregnant presents to the emergency department with a two day history of nausea and RUQ discomfort.

Her observations are:

GCS	15		
HR	95	/min	
BP	150/100	mmHg	supine
Temperature	36.5	°C	
O ₂ Saturation	97	%	on room air

Describe and interpret her results

(100%)

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Question 5

Laboratory results

			Reference Range
Sodium	139	mmol/L	(135-145)
Potassium	4.1	mmol/L	(3.5-5.1)
Chloride	105	mmol/L	(99-109)
Bicarbonate	21	mmol/L	(21-32)
Urea	8.0	mmol/L	(2.5-6.7)
Creatinine	48	micromol/L	(30-120)
Glucose	4.3	mmol/L	(3.0-6.0)
Total protein	60	g/L	(60-80)
Albumin	35	g/L	(35-50)
Bilirubin	33	micromol/L	(5-17)
ALP	225	IU/L	(40-120)
AST	5418	IU/L	(10-36)
Hb	11.4	g/dL	(11.5-14.5)
WCC	6.7	$10^9/L$	(3.6-10.5)
Platelets	72	$10^{12}/L$	(150-400)
INR	1.4		(1.0-1.2)
APTT	28	secs	(24-35)

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Question 6

A 55 year old man presents to the emergency department with chest pain and shortness of breath following vomiting four hours earlier.

On examination the patient is distressed by chest pain and has the following observations.

HR	110	/min	
BP	130/60	mmHg	
RR	25	/min	
Temperature	38	°C	
O ₂ Saturation	99	%	on high flow oxygen

An erect AP chest X-ray is performed

- a. Describe and interpret his X-ray (50%)
- b. Outline your treatment (50%)

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Question 6. X-ray

