

OSCE Questions

RHTSK AED

5/12/2007

Question 1

- (i). A 35 y.o.man collapsed in a disco after took ecstasy and danced for 3 hours. His GCS is E1V1M2 and body temperature is 37 degree Celsius.

- The nurse also tells you that there are dark brown discoloration of urine, dipstix urinalysis is positive for rbc. Please name 3 causes for dark brown discoloration of urine with dipstix positive for rbc?

— _____ (0.5 mark)

— _____ (0.5 mark)

— _____ (0.5 mark)

Clinical Management System [CMS]
Last successful login: 22-Nov-2007 19:33 (RH_AEMOT)

File
Clinical
Investigation
Enquiry
Booking
Report
Doc./Print
Other System
Info.
Admin.

Close/Logout
Dx/Px
Con Sum
OP Book
Rx
Modify Rx
Reminder
Letter/Doc
DM Info
Endocrine
Ix Chart
Liver
Neurology
Renal Cl
Rheuma
Lab Result
PMI
Rad Result
Next Pat

Laboratory Result Enquiry

Details
Alert

Result Detail

Collect Date :	02/11/07	02/11/07	02/11/07	02/11/07	03/11/07		
Collect Time :	20:00	20:00	--:--	--:--	00:41		
Arrive Date :	02/11/07	02/11/07	02/11/07	02/11/07	03/11/07		
Arrive Time :	20:06	20:06	22:46	22:47	00:48		
Request No. :	CR101305	CR101306	CR101325	CR101326	CR101336	Reference	
Urgency :	URGENT	URGENT	URGENT	URGENT	URGENT	Range	Units
Sodium	--	--	107 *	--	108 *	135 - 146	mmol/L
Potassium	--	--	3.6	--	3.0 *	3.5 - 5.0	mmol/L
Urea	--	--	5.6	--	4.8	2.5 - 6.5	mmol/L
Creatinine	--	--	59 *	--	73	62 - 115	umol/L
Total Protein	--	--	69	--	--	66 - 87	g/L
Albumin	--	--	39	--	--	35 - 50	g/L
Globulin	--	--	30	--	--		g/L
Total Bilirubin	--	--	72 *	--	--	3 - 17	umol/L
ALP	--	--	75	--	--	53 - 128	IU/L
ALT	--	--	72 *	--	--	< 41	IU/L
Calcium	--	--	1.86 *	--	--	2.20 - 2.60	mmol/L
CK	--	--	>20000 *	--	--	24 - 180	IU/L
Amylase	--	--	96	--	--	25 - 125	IU/L
Glucose	--	9.5 *	--	4.2	--	See Below	mmol/L
Troponin T	<0.03	--	--	--	--	< 0.1	ng/mL

Cumulative
Non-cumulative
Next
Previous
Request...
Print
Close

Laboratory Result
RH
A&E
-11-2007
LRPDT

- (ii). Name two life-threatening complications of MDMA intoxication that are consistent with the laboratory results?

— _____ (1 mark)

— _____ (1mark)

- (iii) Other than supporting the patient's airway, breathing and circulation, name three specific treatment for this patient.

— _____ (0.5 mark)

— _____ (0.5 mark)

— _____ (0.5 mark)

Question 2

- 53/F
- Hx of AF, HT
- Found sudden onset of left side weakness at home about an hour ago
- BP 220/125, E3V4M5

- (i)a. What is the most important abnormal finding of this CT scan?
— _____ (0.5 mark)
- (i)b. What is the name given to this specific sign?
— _____ (0.5 mark)

- (i)c. What does this sign indicate?
 - _____ (0.5 mark)

- (i)d. What other 2 early CT features can be found in this condition?
 - _____
 - _____ (0.5 mark each)

Question 2(i)a



- (ii). What specific treatment can be considered for this patient?

— _____ (0.5 mark)

- (iii). Name 4 contraindications of this specific treatment. (Not only in this patient)

— _____

— _____

— _____

— _____ (0.25 mark each)

- (iv). If this patient is enrolled for this specific treatment, what is the target of her BP control?

— _____ (0.5 mark)

- (v). What is the drug of choice for controlling the BP?
 - _____ (0.5 mark)

Question 3

- 35/M
- Good past health
- Presented with fever for 1 week and
and RUQ pain for 1 day

- (i). What 2 imaging will be done for this patient in AED?

– _____ (0.25 mark)

– _____ (0.25 mark)

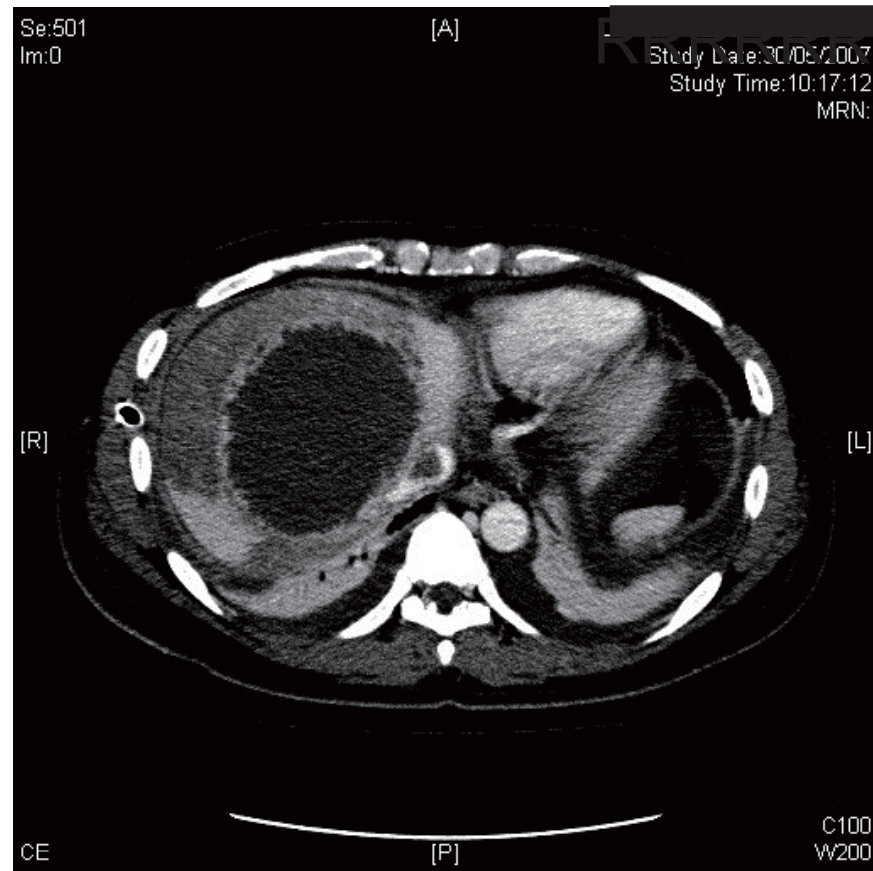
- (ii)a. What is the most important abnormal finding of this imaging?
— _____ (1 mark)
- (ii)b. Give 3 DDx of this finding.
 - _____ (0.5 mark)
 - _____ (0.5 mark)
 - _____ (0.5 mark)

Question 3(ii)a



- (iii)a. Further imaging was done, describe your finding?
– _____ (0.5 mark)
- (iii)b. What is the most likely Dx?
– _____ (0.5 mark)

Question 3(iii)a



- (iv). Name 2 treatment of this patient.

– _____ (0.5 mark)

– _____ (0.5 mark)

Question 4

- 79/M
- Hx of HT, DM with triopathy, IHD, old CVA with good recovery
- On OHA and ACEI
- Presented with dizziness, generalized malaise
- BP 180/90, Pulse 120/min

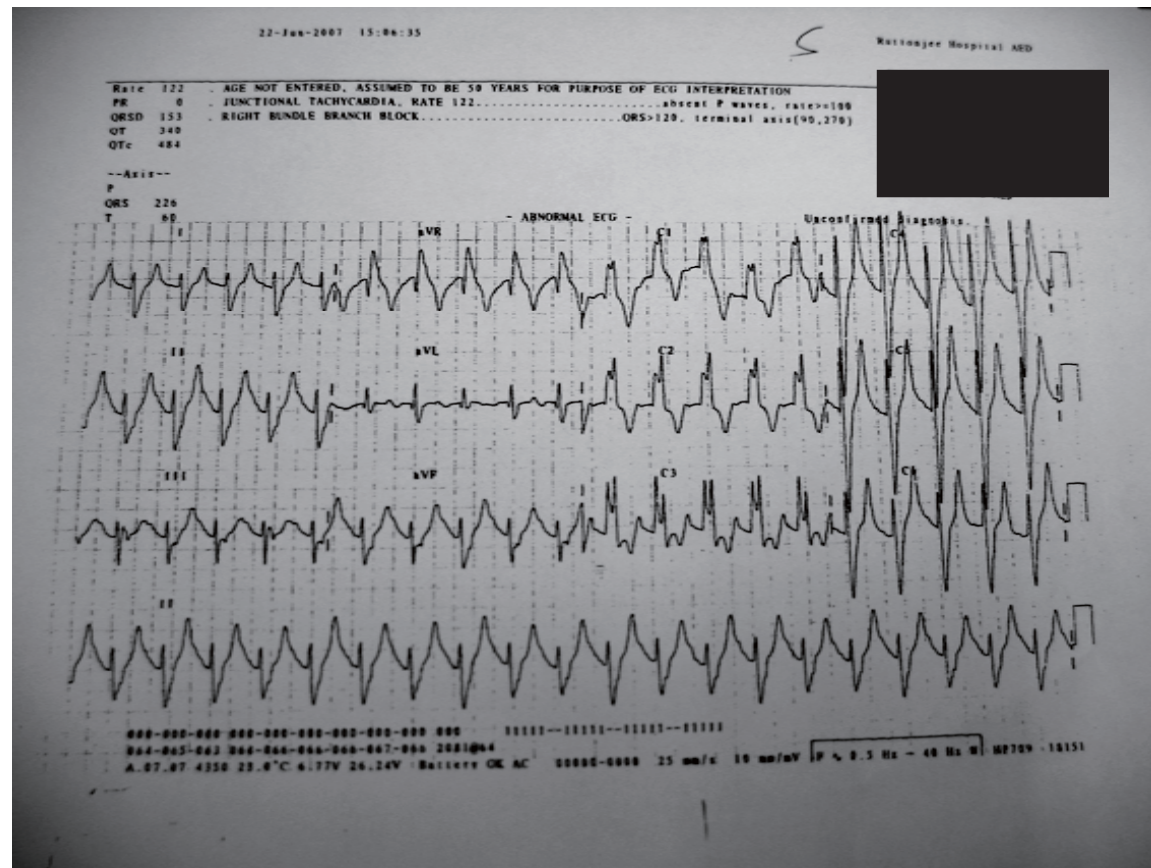
- (i)a. Give 3 abnormal findings of this ECG.

— _____ (0.5 mark)

— _____ (0.5 mark)

— _____ (0.5 mark)

Question 4(i)a



- (i)b. What is the most likely cause of these ECG findings?

— _____ (1 mark)

- (ii). What blood tests will you order to confirm your Dx?

— _____ (0.5 mark)

— _____ (0.5 mark)

- (iii)a. Which drug in the emergency trolley will you give to the patient?
 - _____ (0.5 mark)
- (iii)b. What other drugs can be given?
 - _____ (0.5 mark)
 - _____ (0.5 mark)

The End

Thank You!