

SHORT QUESTION ANSWER PAPER

FFAEM APRIL 2005

QUESTION NO :1

70 year old presents to A&E with 6 hour h/o central chest pain, not settling with GTN spray. On arrival her pulse rate is 90 ,Bp 130/70. Her ECG and blood investigations are as follows,

Look at the ECG on next page.

FBC	
WCC	16
UREA	7
K	4.5
Na	135
Trop t	2.3

What is the diagnosis? 2marks

Give 5 treatments 5marks

What are the risk factors identified in Timmi trial? 3marks

Question.no.2

There is stand by call, 2 year old child in nursery has put electric cable in his mouth.He is drowsy, has burn to his tongue and lips.

What 6 initial steps will you take before his arrival. 5 marks
(where appropriate give dose and size)

How will you calculate his fluid requirements for 1st 24 hours.He has 10 % burn . 2 marks

Once patient is stable what will be your next steps. 3 marks

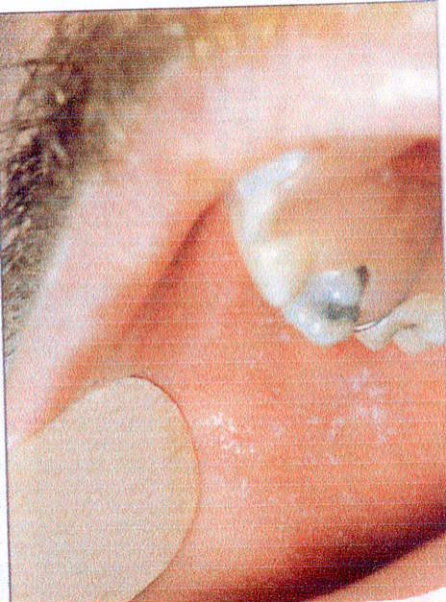
Question No.3

4 year old child brought to emergency room fitting.

Write down flow chart for status epilepticus, mentioning medications and time periods. 5marks

Look at the picture, what is the diagnosis? 2 marks

Give 8 notifiable diseases. 3 marks



Question NO.4

78 year old male was brought to A&E with long h/o of lower back pain. Poor mobility, bruises all over his body. He is very dehydrated. Pulse 120. BP 90/40. Temp ECG normal. Following are the blood results,

FBC	Hb 8
Wcc	25
Plaelets	91
ESR	148mm/h
Urea	16
Creat	226
Na	154
K	7
Total protein	50 g/l
Albumin	18g/l
Alkaline phospatase	108u/l(25-100)
Calcium	3.8(2.2-2.7)

Give 2 d/d

4marks

Give 6 treatment steps. Please make it sure there should be one treatment for each problem.

6marks

Question NO.5

45 Year Old man presents to A&E with jaundice,Following are his blood results,

FBC	Hb	14
Wcc		5
Platelets		200
Alt		110(5-30)
Alb		40(34-48)
Alkaline phosphatase		100(25-100)
Ggt		448(5-30)
Bilirubin		48(2-17)
Urine		bilirubin +

What is this pathological process? 2marks

Give 5 d/d 5marks

Give list of investigations which can help your diagnosis? 3marks

Question NO:6

2 year old child brought to A&E with h/o of cough.He has been unwell for last few days.He is restless, using accessory muscles,intercostals recession and has noisy breathing.

Give 5 d/d?

5marks

What is the common name of most probable diagnosis? 2marks

What are the criteria use for assessing the severity of illness? 4marks

Give treatment options with drug dosages.

2marks

Question NO.7
25 YEAR OLD MALE FELL FROM 20 FEET.

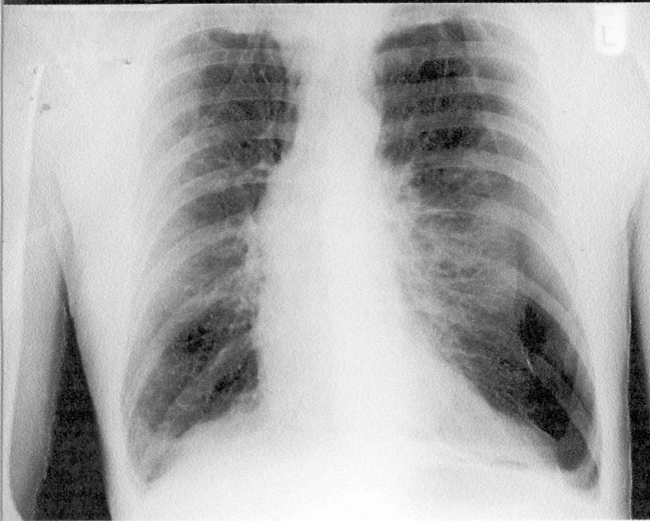
Write down the primary survey in the form of flow chart.
5 marks

Describe the abnormalities on xray. 2 marks

Give 2 immediate treatment options for the abnormality on xray.

Describe anatomical landmarks for treatments. 3 marks

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QUESTION NO.8

30 year old female presents to A&E with lower abdominal pain with vaginal discharge. She is tender lower abdomen with no signs of peritonism.

Fbc 15

Wcc 12

Crp 20

Msu -ve

Give 4 d/d. 4marks

Give 3 diagnostic criterias 3marks

What are the indications for admission? 3 marks

Question No.9

80 year old male with pyrexia.He is sob.

Wcc 21

Crp 65

Look at the xray and describe the abnormalities. 2 marks

His Arterial blood gases.

Ph 7.16

Po2 8

Pco2 7.5

Hco3 16

Describe the acid base abnormalities. 2 marks

Blood glucose 26

Urea 12

Creat 224

K 6.9

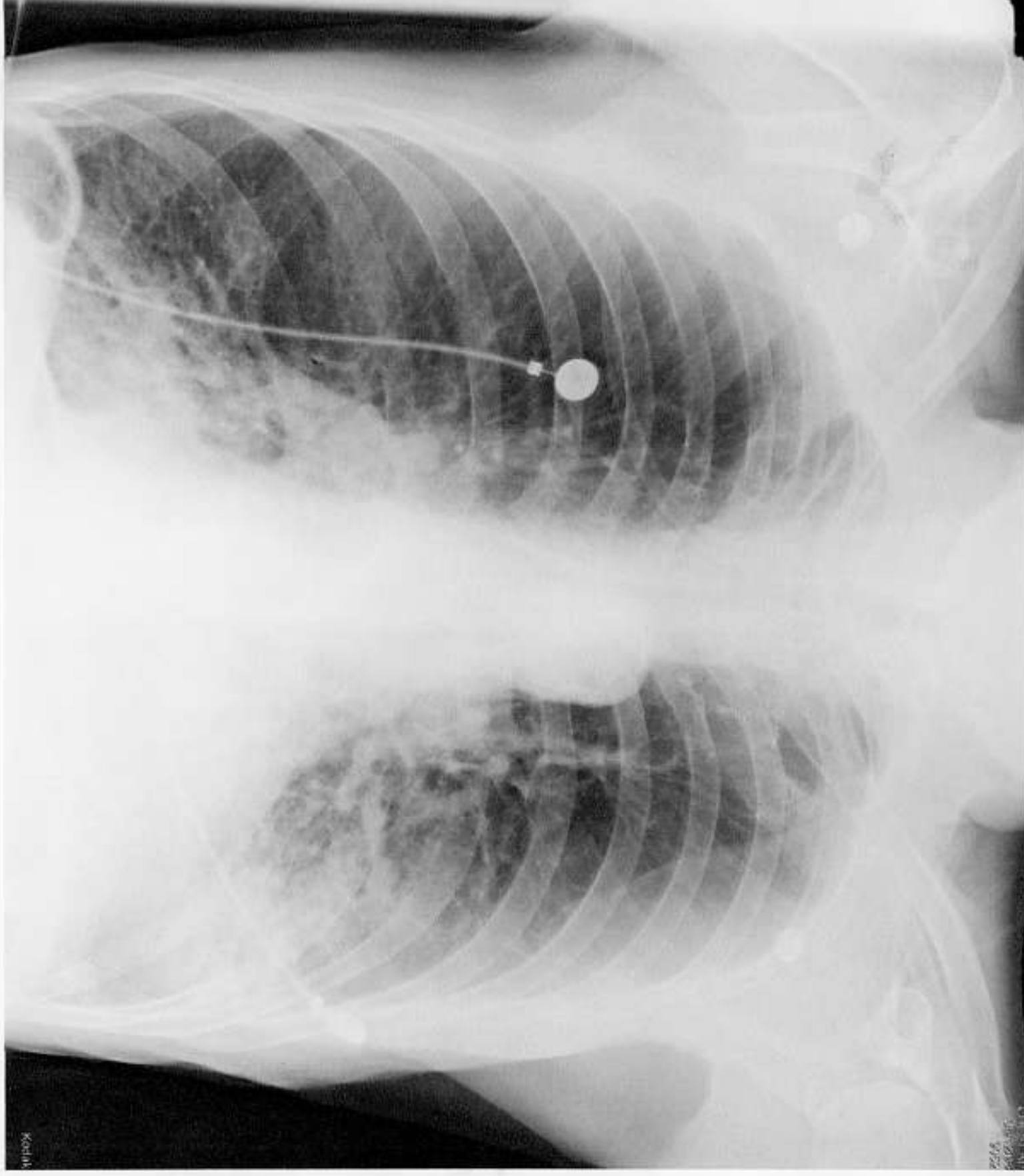
Na 154

Give 6 treatment steps.Again mention name and dosages of medications.

6 marks

ZOHARZETU
C2040
MAY05

M
1



Kodak

2005
2005
2005

Question.No.10

35 Year old female with h/o depression brought to A&E in drowsy state.Her GCS is 9/15,BP 110/60.While she is in department she becomes unresponsive.

Describe the ECG. 2marks

Give Immediate steps in her managements. 4marks

What is the diagnosis? 2 marks

Give one drug you will use in this setting and what is the logic behind this ? 2marks

Question NO.11

65 year old male with 2 days h/o of itching presents to your department with rash.

Describe the rash. 2marks

Give 4 d/d. 4marks

Give 2 investigations which can help in the diagnosis. 2marks

Give 2 steps you will take on discharge. 2 marks



Question. no 12.

70 year old female brought to hospital with rt sided hemiplegia, hemianesthesia, homonymous hemianopia, aphasia. She is in atrial fibrillation. She is NIDDM AND has ischaemic heart disease.

Which area of circulation is affected? 2marks

What are the indications for thrombolysis in cva? 4marks

What are the disease modifying factors in this patient? 4 marks

Question.no 13

45 year old male was brought to hospital with laceration to his rt knee.He has multiple bruises all over his body.He is confused,very sweaty.His pulse rate is 114,Bm 4.5, BP 110/70.temp 36.

Give 6 steps in his management.

6 marks

Give 4 D/D.

2 MARKS

Give clinical features for Wernicke's encephalopathy.

2 marks

Question No.14

20 year old male presents to A&E with fever.He has been to West Africa recently.He was on malarial prophylaxis.On examination he is pale sweaty yellow sclera, has petechial rash over his body.His spleen and liver not palpable.His urine is dark.Blood results are as follows.

FBC	Hb 10
Wcc	5
Platelets	50
Esr	12mm/h
Crp	35

Urea	12
Creat	170

Give 5 d/d.

5marks

What further investigations you will request to help the diagnosis?

5marks

Question no.15

Describe the abnormalities .

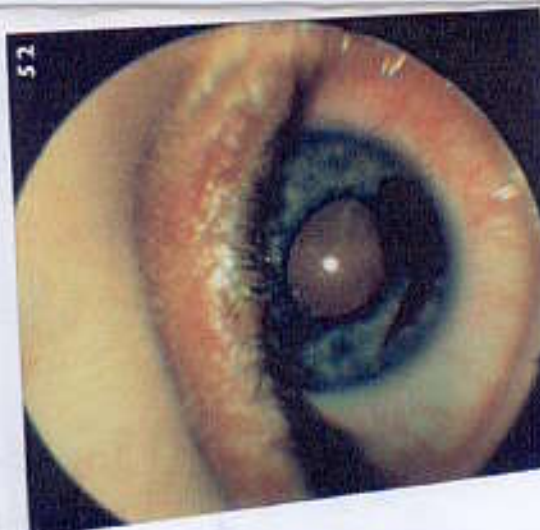
4marks

Give 2 othe causes of abnormal pupil.

2 marks

Give 4 treatment options.

4marks



joint, as evidenced
dial aspect of the
direct fall onto the
and tend to suffer a
ular joint separation
ligaments are sprained
respond well to immo
volve tears of the cor
d repair.
Endotracheal tubes are
minimize edema in the
at the cricoid ring and
cause edema if left in
tion of a young child and
has to be the size of
the size of the cornea
tubes with smaller dis
ents with airway obstru
4.
2. Straight blades are
ple, or it can be
vesal folds or behind
or is used for babies
er children the same
vallecula and base of
is designed to hold the
experienced doctors may
schemized patient or
v a child with a large
may cause a stretching
of internal diameter