

**FFAEM NOVEMBER 2005 SAQ**

***Q1 Paediatric AXR picture Dilated small bowel loops  
13/12 old Hx of vomiting, bloody diarrhoea wt 10.5kg  
(intussusception?)***

Diagnosis  
Causative factors  
Fluid Requirements first 12hrs  
2 treatment options

***Q2 Picture of rash on palm  
Hx of possible scabies***

Describe picture  
What causes symptoms of itching?  
2 treatments you would prescribe  
What will you tell the patient?

***Q3 Retinal Photograph of 'stormy sunset'  
(aka Central Retinal Vein Occlusion)***

2 Abnormalities  
Diagnosis  
Risk Factors/Causative factors

***Q4 Child with Meningitis type Hx with low Sodium***

Differential Diagnosis  
What may cause low Na? (adrenal haemorrhage?)  
  
5 A&E tests you would do to look for cause of low Na

***Q5 Seizure in alcoholic patient***

3 treatments  
4 causes why alcoholics are prone to fitting

**Q6     *Young male with Hx of possible PE***

What 3 risk factors may be present according to BTS guidelines?

What tests to do in A&E?

What 2 treatments given in A&E

Suddenly collapses in A&E with low BP

What 1 treatment would you use?

**Q7     *Young male brought in by sister. Suicidal intent but wants to leave***

What elements in Hx may indicate serious harm?

Describe elements of Mental Health Act (which parts?)

3 Fold test for testing capacity/consent

**Q8     *Man attends poisoned on train by Organophosphates  
Others affected***

(aka Major Incident Management)

As well as calling A&E consultant, what else do you do?

Describe muscarinic effects of Organophosphate poisoning

3 drugs used in treatment

**Q9     *X ray picture of Supracondylar # Humerus in a child  
Hx of fall; c spine x rays taken***

Describe x ray

What 2 neurological complications may result?

Name 3 criteria you would use to 'clear the neck'

Name another joint injury and describe its neurovascular complications

**Q10    *X ray picture of Facial bones with fracture orbital floor***

Describe 3 abnormalities in x ray

Describe assessing parts of orbital cavity/contents

Describe management

**Q11    *X ray picture of C spine #dislocation  
Hx of major trauma; CT Head – DAI; CT CAP NAD  
BP 90/60 PR 60 after 2L fluid***

Describe X ray

What accounts for Cardiovascular status?

Describe clinical features of spinal injury at this level (C5/6)

**Q12** *ECG of Broad Complex Tachycardia*  
*Hx of Lawyer depressed recently; court case tomorrow; brought in drowsy, low BP, fits.*  
(aka TCA overdose??)

Which 1 drug used in treatment  
How does it work?

Further management

**Q13** *35/52 Pregnant confused fitting; high BP low Hb, Plts, Elevated LFTs, Renal Failure & K=6.0*

Comment on FBC & cause  
What drug would you use to control BP?  
Describe further management

**Q14** *3yr old boy; croup type Hx*

5 features of Risk scoring (aka Westley)  
3 drugs that may be used  
What 2 criteria used for admission

**Q15** *ECG of bradycardia following Digoxin overdose; high K; pH 6.96; renal failure*

Describe ECG  
3 indications for Digibind  
Further management

**Q16** *X ray picture of CXR RUZ shadowing*  
*Hx 3/12 hx cough, fever; partner is HIV +ve with TB*

Describe X ray  
3 possible diagnoses  
6 Ix you would do in A&E  
3 chest pathogens in HIV