

Child Health - Student Instructions

Child Health Station (20 minutes)

Patient:

Ben Jones

39 Queens Road, Leicester, LE8 9XX

DOB: 8/9/17 (6 years old)

S number: S2795073

You are a foundation doctor working in the children's emergency department. paediatrics.

Ben Jones has been brought in by the paramedics, accompanied by his parent Charlie Jones with diarrhoea.

The child will not be present in the station. You will be consulting with Charlie.

You will be expected to:

0-10 minutes:

1. Make an assessment of the child (8 minutes) by:

- a) Reviewing any clinical assessment data present in the station.
- b) Writing Bens' paediatric early warning score on the PEWS chart/plotting Ben's height and weight on a growth chart
- c) Taking a history from Charlie Jones. You should spend most of the 8 minutes doing this.

2. Answer the examiner's questions about the case (2 minutes).

10-20 minutes:

The examiner will show you some test results and give you some further information.

Manage the case by:

- a) Writing a prescription for Ben
- b) Having a discussion with Charlie Jones

If you have not completed your prescription by 15 minutes, the examiner will move you on to the discussion with the caregiver.

Child Health - Patient Instructions

- Patient Diagnosis: viral gastroenteritis
- Clinical assessment data: *PEWS chart*: Temp: 38.0, everything else normal and parent is concerned. Giving score of 1.
- Add patient history:
 - *PC*: He has been had diarrhoea for last 2/3 days now and it is not getting any better
 - *HPC*: He is going like 5 times a day now where usually he would go once a day.
There is no blood or mucus, and it is quite watery.
He has also been complaining of some tummy cramps which seem to get better for little while after gone to the toilet.
Can't remember him eating anything odd.
Never had anything like this before.
Only reveal if asked: some other children at his school have also been unwell similar to this. No one at home unwell.
 - *Other symptoms*: He has been sick this morning only once so I brought him in, he has also had a high temperature don't know what but feels warm since yesterday.
 - *Systems review*: He is not eating at all and drinking only sips. All other systems fine.
 - *PMHx*: He has asthma which he uses inhaler for, no problems as a child or at birth or during pregnancy – normal delivery.
 - *DHx + Allergies*: Some inhalers for his asthma, pretty well controlled. No allergic to anything.
 - Immunisations: all up to date
 - *FHx*: I have eczema but no other family history
 - *SHx*: None
 - *ICE*: Has he got an infection? Does he need to stay in hospital? Anything to help him.

- Patient questions for part 2 of the consultation eg:
 - How long will this take to get better?
 - I have another child at home, do I need to take any precautions?
 - Is there anything I should be worried about?
 - Is there a vaccine for this

Child Health - Examiner Marksheet

Marking Criteria	Tick ()
1. Correct plotting and interpretation of PEWS/Growth Chart	
2. Introduction	
3. Professional attitude and patient friendly manner maintained throughout the history	
4. HPC	
5. PC	
6. Other relevant symptoms + appropriate systems review	
7. PMHx	
8. DHx + Allergies	
9. FHx	
10. SHx	
11. ICE	
12. Examiner questions correctly answered	
13. Interprets investigations correctly	
14. Appropriate medication correctly prescribed. - Patient details correctly recorded, allergies, correct medication in capitals, correct dose, correct route, written in the correct place, signed and dated. Move them on after 5 minutes.	
15. Answers patient's questions with factually correct information and in a sensitive way. Chunks and checks information. Correct signposting and safety-netting.	

Question 1: What is the most likely diagnosis and why?

Viral gastroenteritis – reasonable explanation from history

Question 2: Differentials?

IBS, Coeliac disease, Bacterial gastroenteritis

Question 3: What are your initial management steps?

Hospital admission with fluids and monitoring – isolation in side room

Question 4: What is the most likely pathogen?

Rotavirus

Further info:

This child has viral gastroenteritis and require hospital admission due to not eating/drinking and high temperature. Please prescribe this child the first bag of maintenance fluids and discuss management with parent. This child weighs 20 kg.

Global Impression:

- Excellent
- Good

Patient Impression/comments:

- Pass
- Borderline
- Fail

