



# MSSBU OSCE PRACTICE

## CASE 4\_01\_01

### *Station Vignette*

You are a fourth-year student on Emergency rotation.

You are in the Emergency department and are asked to see Sree, a 6-month-old baby and his father Arjun. Arjun is concerned as Sree has recently been acting weird and has had some bloody stools.

#### **TASK**

You have a total of **7 minutes** to take a history.

This includes:

- History of presenting complaint
- Constitutional history
- Past medical history
- Medications history
- Social history
- Family history
- Focussed systems review

At the end of the allotted time, you will have **1 minute** to answer the examiner's questions.

You do **NOT** need to complete a physical examination.

## **PATIENT INSTRUCTIONS**

### **Presenting complaint:**

- Sree here has been a bit weird. He has been sick for a couple of days now. In the last 2 days he has had some stool that is reddish

### **History of presenting complaint:**

- Sick for about 5 days
  - Has episodes every now and then where he cries out in pain... and kind of draws his legs up to his chest. This lasts about 15 minutes
  - Has had some vomiting, nonbilious
  - Seems quite tired and not himself
- No fevers
- No rashes

### **Developmental History**

- Delivered at 37 weeks, no complications
- Reaching all developmental milestones (able to roll)
- Vaccines up to date

### **Systems review:**

- GIT
  - Still feeding
  - Vomit is non-bilious
  - Stool is dark (like red currant jelly)
  - No loose stools
- Neuro
  - May ask about seizure hx due to leg movement, but this is not significant
  - No signs of seizure activity
- Other
  - Sleeping more than normal
  - No signs of dehydration as baby is still feeding well

### **Constitutional history:**

- Before illness, usually very healthy
- Normal nappies
- Weight hasn't changed too much
- Still feeding relatively well

### **Medications history:**

- Nil

### **Past medical history:**

- Just had the cold/flu maybe once or twice, otherwise usually a relatively healthy baby

### **Social history:**

- Mother is a nurse
- Father is a office worker
- No one smokes at home
- Baby is well looked after in a caring family

### **Family history:**

- Nil

## **EXAMINER QUESTIONS**

1. What is the **most likely** diagnosis in this case?
2. What vaccine is **contraindicated** in patients with a history of your main differential?
3. If you did an abdominal ultrasound, what would you **likely** see?

## MARKING CRITERIA – 4\_01\_01

Item	Criteria	Mark
Introduction	<input type="checkbox"/> Hand hygiene <input type="checkbox"/> Appropriate introduction <input type="checkbox"/> Explains personal role and gains consent	/ 2
Presenting complaint	<input type="checkbox"/> Leads with open question <input type="checkbox"/> Follows with another open question	/ 2
History of presenting complaint	<input type="checkbox"/> Determine onset and progression <input type="checkbox"/> Determine other symptoms <input type="checkbox"/> Screens for any additional concerns/patient worry	/8
Constitutional history	<input type="checkbox"/> 0.5 points for each of the following: diet, appetite, weight loss, sleep, energy, exercise <input type="checkbox"/> 0.5 points for each of the following systemic symptoms: fevers, chills, night sweats, rash	/5
Past medical history	<input type="checkbox"/> Past medical/surgical history <input type="checkbox"/> Vaccinations	/2
Medications history	<input type="checkbox"/> Check if on any medications	/1
Social history	<input type="checkbox"/> Home situation <input type="checkbox"/> Living situation <input type="checkbox"/> Asks all of smoking, alcohol and recreational drugs	/3
Family history	<input type="checkbox"/> Asks relevant family history	/1
Systems review	<input type="checkbox"/> Can ask about GIT <input type="checkbox"/> Screen for Neuro <input type="checkbox"/> Delivery Hx <input type="checkbox"/> Developmental Hx	/4
Questions	<input type="checkbox"/> Differential - intussusception <input type="checkbox"/> Vaccine - rotavirus <input type="checkbox"/> Management – target sign	/3
Communication skills	<input type="checkbox"/> Appropriate questioning style <input type="checkbox"/> Actively listens to patient <input type="checkbox"/> Systematic approach to history taking <input type="checkbox"/> Appropriate conclusion and summary	/4
Global score	Overall impression of candidate based on warmth, clarity and competence: 1 = fail 2 = borderline 3 = pass/expected 4 = good 5 = excellent	/5
	<b>Total</b>	/40