



Year 3 Formative OSCE 2019

Reading for Station 2

Candidate Instructions

Clinical Scenario

You are a final year medical student at your GP placement. It is almost the end of the day with no other patients left in the waiting room. Louise/Liam is your last patient who has come in with concerns about her/his 10-month-old son Tom. He has been having fevers and a rash on his face.

Task

In a total of eight (8) minutes:

- **In the first 5 minutes:** take a focused history of presenting complaint
- **At 5 minutes** answer any questions Louise/Liam may have
- **At 7 minutes** convey your immediate management plan to the GP – you will be prompted by the GP.

You do not need to examine the baby.

[The examiner in the room will assume the role of the GP]

Simulated Patient Information

The candidate has the following scenario and task

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Instructions for simulated patient

The student has a lot to do in this station so try to answer their questions quickly and clearly, especially in the first 5 minutes where they essentially need to complete a full focused paediatric history.

Presentation

- Sitting in seat, with baby model in hands, babies face is turned in and covered
- Place the photo of the rash on the table
- Appears worried about her son

Background

- Tom's fever started 3 days ago
 - 38.2 degrees
 - Measured with thermometer in mouth
- Management: went to the GP yesterday, who recommended panadol and keeping up fluids. GP did not order any investigations.
- A rash appeared today – it doesn't seem itchy for the baby
- Other symptoms (only provide if the student specifically asks): cough, runny nose and watery eyes (since 2 days ago), drowsiness, reduced response to stimulus, floppiness (today)
- Mother is concerned that he's looks unwell and isn't being himself
- Fluid balance
 - Oral input – usually breastfeeding, not tolerating oral intake for past 12 hours
 - Output – dark urine, reduced wet nappies (from 6 per day to 3 per day), diarrhoea yesterday
- Related history
 - Sick contacts – Goes to child care, unsure if any other children were sick there
 - Recent travel – No, but your partner travelled to South-East Asia recently, and she went to pick him up from the airport with the baby
 - Development – meeting milestones (can stand, say a few words, uses pincer grasp, recognises familiar faces)
 - Birth history – normal vaginal birth at 38 weeks, no complications, normal birth weight
 - Medical conditions/medications – nil
 - Immunisations – up to date, if asked, has not received MMR (given at 12months)

- Allergies – nil
- Nil siblings
- At 5 minutes, **the examiner will state “5 mins”**. **Ask the student the following questions:**
 - 1. Do you think this could be measles?**
 - (You have seen on the news lately that there have been outbreaks in your area, plus your partner recently travelled to south-east asia)
 - 2. Is measles contagious?**
 - 3. How is measles transmitted?**

Examiner Instructions

Please verify that you are examining the correct student by checking the name on the student's ID card against the name on the score sheet, as the student enters the room.

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You do not need to examine the baby.

Instructions

- **Upon entry of student, start the timer to 5 minutes.** (Station is 8 minutes in total and the end of the station will be announced through the speaker)
- You are playing the **role of the GP** in this exam. You should address the student as a GP would, after you have **checked ID**. Please do not provide prompts on the station content.
- Please record your observations on the scoresheet **as you go**, as discussed in the briefing.
- **At the 5-minute mark, inform the student and state "5 mins"**.
- On the marking sheet, mark the student's answer to:
 - Do you think it could be measles?
 - Is it contagious?
 - How is measles transmitted?
- **At 7 minutes OR as soon as the student finishes answering the questions (whichever comes first) state the following:**
 - **"You have a suspicion of measles. What is your immediate management in this GP setting?"**

Props and Sundries

- Simulated patient
- Handwash
- Simulated baby model
- Photo of rash on baby model's trunk

Author – Hiroki Hayashi and Grace Low

(please tick)

OSCE Score Sheet

Station 2- Measles history and immediate management

Student Name/Number.....

Examiners Name:

SP:

No.	Assessment Item (details)	PLEASE MAKE ONE TICK IN EVERY ROW																											
1	Infection Control and Introduces self Appropriately washes hands before, introduces self, appropriately washes hands after	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																								
		0	1	2	3																								
2	History of presenting complaint (max 6 marks) Duration of illness, Fever duration, Previous episodes, Management so far, Exacerbating/Relieving factors, Health prior to episode, Other appropriate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																				
		0	1	2	3	4	5	6																					
3	Red flags Increased work of breathing, Cyanosis, Apnoea, Non-responsiveness, Not moving limbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																				
		0	1	2	3	4	5																						
4	Associated symptoms (max 8 marks) Alertness (irritable/lethargy/drowsiness), Cough, Rhinorrhoea, Conjunctivitis, Localising pain, Sleeping changes, Weight gain/loss, Pulling ears, Drawing up legs, Floppiness, Other appropriate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																				
		0	1	2	3	4	5	6																					
		<input type="checkbox"/>	<input type="checkbox"/>																										
		7	8																										
5	Input and output Diet, Anorexia, Nausea/vomiting, Number of wet nappies, Diarrhoea	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																				
		0	1	2	3	4	5																						
6	Related history (max 8 marks) Sick contacts, Recent travel, Development, Birth history, Past medical history, Medications, Immunisation, Allergies, Home life, Siblings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																				
		0	1	2	3	4	5	6																					
		<input type="checkbox"/>	<input type="checkbox"/>																										
		7	8																										
7	Answers questions appropriately (one point each) Do you think this could be measles? Yes/no and reasoning Is it contagious? Yes How is measles transmitted? Airborne, through coughing, sneezing and breathing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																								
		0	1	2	3																								
8	Communication Explains clearly to mother, gives reassurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																									
		0	1	2																									
9	Management (max 8 marks) Alerts senior help, Provides mother with information/fact sheet on measles, Places surgical mask on patient, Restricts access to consult room, Notify public health urgently, Arranges urgent lab tests with pathology, Nasopharyngeal/Throat swab, Measles serology, Urine specimen, Considers admission to hospital	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																				
		0	1	2	3	4	5	6																					
		<input type="checkbox"/>	<input type="checkbox"/>																										
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10	CLARITY (organisation, appropriate confidence)	<table border="1"> <thead> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="2">Confused, disorganised, unclear</td> <td colspan="2">Below expected</td> <td colspan="2">Above expected</td> <td>Outstanding</td> </tr> </tbody> </table>							1	2	3	4	5	6	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Confused, disorganised, unclear		Below expected		Above expected		Outstanding
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11	WARMTH (engagement, compassion, care for patient)	<table border="1"> <thead> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="2">Cold, uncaring, brusque</td> <td colspan="2">Below expected</td> <td colspan="2">Above expected</td> <td>Outstanding</td> </tr> </tbody> </table>							1	2	3	4	5	6	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cold, uncaring, brusque		Below expected		Above expected		Outstanding
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Comments:

