

Station title: Assessment of patient with reduced urinary output
Station duration: 6 mins
Station speciality: Ageing and Health



Student Instructions

Station 10

Year 4 BHSCT MOSCE

Background information to station:

You are a Foundation Doctor in General Medicine.

The nurses would like you to review a 56 year old patient who has not passed urine and is complaining of abdominal pain.

Specific student instructions:

- 1.** Interpret the NEWS chart for this patient
- 2.** Interpret the Daily Fluid Balance & Prescription Chart for this patient
- 3.** The examiner will ask you two questions after you have interpreted the charts
- 4.** Please review the patient's medications
- 5.** There will be no patient in this station

There will be a bell when 1 minute is left in the station

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DETAIL / question	MARK	WEIGHTING		
1. Overall introduction including identification of self and patient (name & role, purpose of encounter, confirms patient's agreement)	G A P	2	1	0
2. Rapport & professional manner (shows interest, respect, concern, appropriate body language, closure)	G A P	2	1	0
3. Attention to infection control throughout	G P		1	0
4. Explains purpose of interview and obtains consent	G A P	2	1	0
5. Confirms patient details (name, DOB and hospital number) on NEWS chart	G P		1	0
6. Checks date and time and interprets most recent observations	G P		1	0
7. Comments on respiratory rate - normal	G P		1	0
8. Comments on oxygen saturations - normal	G P		1	0
9. Comments on blood pressure - normal	G P		1	0
10. Comments on pulse - tachycardic	G P		1	0
11. Comments consciousness - Alert	G P		1	0
12. Comments on temperature - normal	G P		1	0
13. Comments on total news score (2)	G P		1	0
14. Confirms patient details (name, DOB and hospital number) on fluid balance chart	G A P	2	1	0
15. Comments on fluid input	G P		1	0
16. Comments on fluid output and identifies patient has been anuric for 12 hours	G P		1	0
17. Comments on positive balance	G P		1	0
18. What is the diagnosis? G: Identifies patient is showing signs of urinary retention, P: none	G P		1	0
How will you manage this patient?				
19. Mentions ABCDE assessment of patient, take history, examine patient, routine bloods and seek senior help	G A P	2	1	0
20. Mentions catheter insertion/flushing catheter	G P		1	0
21. Mentions reviewing Kardex	G P		1	0
Kardex Review				
22. Confirms patient details (name, DOB and hospital number) on Kardex	G P		1	0
23. Checks allergy status and any risk factors	G P		1	0
24. Identifies Amitriptyline as a potential cause of urinary retention	G P		1	0

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25. Identifies Oxybutynin as a potential cause of urinary retention	G P		1	0		
30. Identifies Bisoprolol, Paracetamol and Clopidogrel as NOT potential causes of urinary retention	G P		1	0		
31. Correctly crosses out medications	G P		1	0		
32. Indicates why medication has been stopped and completes stop date	G A P	2	1	0		
34. Mentions review patient	G P		1	0		
Global mark: E: Excellent; V: Very good; P: Pass; B: Borderline; F: Fail	E V P B F	5	4	3	2	1

Total score ***/40*** (including Global Mark)

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Examiner Instructions

Station 10

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Station Author: Pappitha Raja

Assessment outcome:

This station assesses the student's ability to identify urinary retention as a potential cause of reduced urinary output in an elderly patient.

The student's ability to identify drugs which are possible causes of urinary retention.

Background information to station:

Students are asked to perform the role of a Foundation Doctor working in General Medicine. They are asked to review this patient who has reduced urinary output. Students are expected to review the NEWS chart and fluid balance chart to identify the cause for reduced urinary output. The student should then review the patient's Kardex to identify medications that might possible be exacerbating urinary retention.

The student should begin by confirming the patient's details on all charts presented.

1. Examiner should first present the NEWS chart and Fluid balance chart to the student.

- Students are expected to comment on individual parameters of the NEWS chart and comment on the total NEWS score.
- Student should identify patient is **tachycardic**.
- Students should then comment on the fluid balance chart.
- Students should comment on Grand Total In and Grand Total Out and establish patient is in a **positive fluid balance**.
- Student should then establish patient has been **anuric for the past 12 hours**.

2. Examiner should ask “**What is the diagnosis?**”

Students are expected to identify that the patient is in **urinary retention**.

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3. Examiner should ask **“How will you manage this patient?”**

Students are expected to provide a reasonable management plan including but not limited to the following:

- ABCDE assessment
- Bloods
- Urinalysis
- Check if patient has a catheter (Examiner should say patient does not have a catheter)
- **Mention a catheter needs to be inserted**
- USS of bladder
- Senior review
- Review Kardex/medications

4. Examiner should present Kardex for review

- If student mentions they will review Kardex, present them the patient's Kardex.
- If student does not mention they will review Kardex, examiner should say **“This patient has urinary retention, please review the patient's Kardex to identify any drugs which could be causing it”**

5. Stopping Medications

- Students are expected to cross out **“Amitriptyline”** and **“Oxybutynin”** as potential causes of urinary retention.
- Student should also **write stop date** once they have crossed out the medications.
- Students should also **indicate reason for stopping medication**
- Student should mention they would **review patient in a few hours**

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Site-Coordinator Instructions

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Equipment check list:

- Kardex (filled and signed)
- NEWS chart filled
- Fluid Balance chart filled
- Pen
- BNF sheet for Clopidogrel, Amitriptyline, Oxybutynin, Paracetamol and Bisoprolol
- 3 chairs
- Table for equipment
- Cleaning wipes
- Hand gel/wash