

IACC 2023 Case-based discussion (CBD) scenario

Specialty:	Urodynamic Science
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CBD Scenario

CBD Scenario Title	Indications for and limitations of uroflowmetry testing									
CBD Scenario Aim	To test the trainee's ability to describe the indications for, and limitations of, uroflowmetry testing.									
CBD Focus (please provide the codes of the module(s) this scenario addresses)	SPS303									
GSP Domains covered (enter X to indicate all that apply)	GSP 1	X	GSP 2		GSP 3	X	GSP 4		GSP 5	
CBD Scenario description	<ol style="list-style-type: none"> List the reasons why a patient might be referred for uroflowmetry. Explain the limitations of the test Explain the uroflowmetry test as if to a male patient. 									
CBD Scenario model answer/ assessor guidance Detailed guidance that will be available for the assessors. Include guidance on what kinds of behaviours, actions, comments should secure a pass. What should the assessor expect to see? Assessors will be asked to plan questions in advance including links to trainee's IACC submission.	<p>The reasons for referral would include:</p> <ul style="list-style-type: none"> - Slow urine flow - Frequent passing of urine - Nighttime sleep disturbed by urgency - Feeling of incomplete emptying - Frequent urinary tract infections - Needing to strain to empty bladder - Urgency causing involuntary leakage of urine - Painful bladder - Baseline assessment prior to intervention - Ongoing assessment of post-operative function - Monitoring of changes in voiding characteristics over time 									

	<p>Limitations of uroflowmetry include:</p> <ul style="list-style-type: none"> - Inability to determine the cause of the issue, e.g., bladder outflow obstruction or detrusor underactivity - Unusual environment leading to unrepresentative flow - Short time for test does not allow for all symptoms to occur - Inability of patient to pass sufficient flow for measurement <p>A standard uroflowmetry test would include:</p> <ul style="list-style-type: none"> - Calling of patient from waiting area - Explanation of reasons for the test - Explanation of sequence of events during test - Reassurance of non-invasive nature of test - Waiting until normal desire to void - Voiding using steady stream into flowmeter - Scanning for post void residual using ultrasound - Testing urine with dipstick - Drinking moderate amount of fluid before repeating flow - Discussion of symptoms, fluid intake and next steps
<p>Trainee instructions</p> <p>Please include any specific information to be provided to the trainee as part of the CBD scenario</p>	<p>None needed</p>

Criteria being assessed by this CBD scenario

Aspect	Please indicate if this criterion is being assessed
1. Understands the clinical context of the scenario, including priority setting and testing strategies	Y
2. Understands scientific principles of scenario	Y
3. Can discuss the relevant procedures involved in the scenario and associated health and safety issues	Y
4. Understands and applies the appropriate test validation, IQC, EQA, relevant professional/clinical guidelines	
5. Understands and applies associated IT/bioinformatics and other appropriate resources	

6. Is able to interpret and report patient results and provide appropriate clinical advice	
7. Can discuss the significance of patient results within the clinical context of the referral	
8. Understands the ethical, legal and social implications of the scenario	
9. Is aware of the importance of audit and can use this tool effectively	
10. Output meets accepted laboratory/professional standards	
11. Demonstrates awareness of the limits of responsibility and when to seek advice	
12. Consideration of patient/professionalism	Y
13. Overall ability to perform	