

IACC 2023 Case-based discussion (CBD) scenario

Specialty:	Clinical Microbiology
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CBD Scenario

CBD Scenario Title	GUM patient									
CBD Scenario Aim	To test trainees' ability to select appropriate diagnostics and antibiotics for a patient presenting with a sexually transmitted infection									
CBD Focus (please provide the codes of the module(s) this scenario addresses)						SLS202				
GSP Domains covered (enter X to indicate all that apply)	GSP 1		GSP 2	X	GSP 3	X	GSP 4		GSP 5	
CBD Scenario description	<p>A 25-year-old male patient presents to the local Genitourinary clinic complaining of a 2-week history of rectal pain, bloody anal discharge, and constipation and burning on urination. He reports multiple episodes of unprotected intercourse with male partners in the past 3 months.</p> <p>You are meeting with a registrar from genitourinary medicine to discuss this case.</p> <ol style="list-style-type: none"> 1. What diagnostic tests would you suggest for this patient? 2. Chlamydia trachomatis was detected from the diagnostic tests described above – how would you interpret this result? (i.e. what disease has the patient presented with?) 3. What treatment options do you recommend? 4. What public health action would you recommend? 									

<p>CBD Scenario model answer/ assessor guidance</p> <p>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>	<ol style="list-style-type: none"> 1. What diagnostic tests would you suggest for this patient? <ul style="list-style-type: none"> • Rectal swab, throat swab and urine for GC/CT NAAT • GC culture • Microscopy • HIV and syphilis serology 2. Chlamydia trachomatis was detected from the diagnostic tests described above – how would you interpret this result? (i.e. what disease has the patient presented with?) 3. Patient has Lymphogranuloma venereum 4. What treatment options do you recommend? 5. 21 days of EITHER doxycycline, erythromycin or azithromycin 6. What public health action would you recommend? <ul style="list-style-type: none"> • Contact tracing (within 4 weeks) • Avoid unprotected sex
<p>Trainee instructions</p> <p>Please include any specific information to be provided to the trainee as part of the CBD scenario</p>	<p>No specific instructions. All guidance is provided in the scenario.</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	
2. Understands scientific principles of scenario	
3. Can discuss the relevant procedures involved in the scenario and associated health and safety issues	
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	X
7. Can discuss the significance of patient results within the clinical context of the referral	X
8. Understands the ethical, legal and social implications of the scenario	X
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	X
12. Consideration of patient/professionalism	X
13. Overall ability to perform	