

IACC 2023 Case-based discussion (CBD) scenario

Specialty:	Reproductive science - Andrology
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CBD Scenario

CBD Scenario Title	Intrauterine insemination (IUI) treatment cycle										
CBD Scenario Aim	To determine a trainee's understanding of the importance of acknowledging and interpreting semen analysis reports correctly.										
CBD Focus (please provide the codes of the module(s) this scenario addresses)	Core module (SCC110)			Rotation module (SLS302)			Specialist module (SLS337)				
GSP Domains covered (enter X to indicate all that apply)	GSP 1 X		GSP 2 X		GSP 3 X		GSP 4			GSP 5 X	
CBD Scenario description	<p>You have made an initial assessment wet prep slide for an intrauterine insemination (IUI) sperm preparation. You observed no sperm on the entire slide. The referral letter states the patient's semen analysis parameters are.</p> <p>Volume: 1.5mL. Sperm Concentration: 15 million/mL. Progressive motility: 32%. Normal forms: 4%</p> <p>What would your immediate next steps be and how would you manage that patient?</p>										
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	<p>Trainee should demonstrate understanding of semen analysis results.</p> <p>Pass indicators</p> <p>Some or all of the following points discussed:</p> <ul style="list-style-type: none"> Request/Check original lab report (referral letter parameters are the same as the WHO 2010 reference values). 										

<p>assessor expect to see? Assessors will be asked to plan questions in advance including links to trainee's IACC submission.</p>	<ul style="list-style-type: none"> • Check if the patient submitted a complete sample (could have missed the pot). • Check any recent health or lifestyle changes with the patient and request a second sample where appropriate. • Inform the Clinician and go through patient history. • Request a second opinion from a senior colleague and go through patient history. • Cancel IUI If second sample still has no sperm observed and book a follow up appointment with a Clinician. • Patient should be offered counselling support. <p>Fail indicators</p> <p>Does not mention any of the above</p>
<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 additional instructions</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	X
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	
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	