

IACC 2023 Case-based discussion (CBD) scenario

Specialty:	Embryology
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CBD Scenario

CBD Scenario Title	Embryo selection for embryo transfer									
CBD Scenario Aim	To determine the candidate's ability to apply clinic's Multiple Birth Minimisation Strategy (MBMS) effectively									
CBD Focus (please provide the codes of the module(s) this scenario addresses)	SLS324: Embryology									
GSP Domains covered (enter X to indicate all that apply)	GSP 1	x	GSP 2	x	GSP 3	x	GSP 4		GSP 5	
CBD Scenario description	<p>You are preparing to select embryo(s) for a patient having a fresh, day 5 embryo transfer. Your patient is aged 37 years and has had one previous fresh, day 5 embryo transfer with a single top quality blastocyst. The previous transfer resulted in a negative pregnancy test.</p> <p>The patient has 4 top quality blastocysts this cycle. How would you proceed?</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 assessor expect to see? Assessors will be asked	<p>Candidate demonstrates ability to make a decision on whether to transfer 1 or 2 embryos and can justify their reasons.</p> <p>Pass indicators</p> <ul style="list-style-type: none"> • Mention of MBMS (multiple birth minimisation strategy) and adherence to it. Make appropriate recommendation for number of embryos to transfer. • Consideration of patient age and embryo quality • Consideration of previous cycle history 									

to plan questions in advance including links to trainee's IACC submission.	<ul style="list-style-type: none"> • May mention cryopreservation of surplus embryos • Ensure patient aware of risks of multiple pregnancy if 2 embryos transferred <p>Fail indicators</p> <ul style="list-style-type: none"> • No mention of MBMS • Recommendation of the transfer of more embryos than the law/clinic MBMS allow
<p>Trainee instructions</p> <p>Please include any specific information to be provided to the trainee as part of the CBD scenario</p>	No additional instructions

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	X
3. Can discuss the relevant procedures involved in the scenario and associated health and safety issues	X
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	
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	

12. Consideration of patient/professionalism	X
13. Overall ability to perform	