

IACC 2023 Case-based discussion (CBD) scenario

Specialty:	Histocompatibility and Immunogenetics
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CBD Scenario

CBD Scenario Title	Receipt of broken and leaking samples									
CBD Scenario Aim	To demonstrate familiarity with local policies for specimen reception and application of knowledge to a clinically urgent situation									
CBD Focus (please provide the codes of the module(s) this scenario addresses)	SLS101				SLS134					
GSP Domains covered (enter X to indicate all that apply)	GSP 1	X	GSP 2	X	GSP 3		GSP 4		GSP 5	
CBD Scenario description	You receive samples from a patient who requires a laboratory crossmatch for a potential deceased kidney donor. The samples have been sent from a local hospital by taxi and have been placed in a sealed plastic bag with no absorbent packing material; one of the tubes is cracked and has leaked inside the bag. Describe the actions you would take.									
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 approach to this scenario will vary between laboratories but the trainee should confidently describe how they would handle the situation, demonstrating familiarity with their local policies: Actions should include:</p> <ul style="list-style-type: none"> • Recognition that the samples are for a deceased donor crossmatch and are therefore clinically urgent. • Referral to a senior member of staff for guidance • Implications to patient of discarding samples. Urgent need to request samples if local policy is to discard specimens or there is insufficient volume of blood to perform tests. Failure to do so could result in cancellation or delay of transplant and affect outcome, e.g., unacceptable / increased CIT, increased risk of delayed graft function 									

	Safe handling of broken samples: the trainee should demonstrate recognition of potential biological hazards; use of appropriate PPE; local sample discard policy: recognition that the samples have not been packaged in accordance with national guidance.
Trainee instructions Please include any specific information to be provided to the trainee as part of the CBD scenario	

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

