IACC 2023 Case-based discussion (CBD) scenario

Specialty:	Histopathology

CBD Scenario

CBD Scenario Title	Mix-up of cases (transposition)
CBD Scenario Aim	The aim is to test the trainee's ability to recognise and troubleshoot a situation where there has been a specimen transposition.
CBD Focus (please provide the codes of the module(s) this scenario addresses)	SCC110 SLS300

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	Patient X has had two visits to Endoscopy. The first being for oesophageal biopsies and the second for sigmoid colon biopsies. The biopsies were processed, cut, and stained in the local Histopathology Department. A Consultant Histopathologist brings the slides and forms to you and tells you the following: Case 1 is labelled "lower oesophageal biopsies", but the H&E sections show large intestinal mucosa. Case 2 is labelled "sigmoid colon biopsies", but the H&E sections show oesophageal mucosa. • How and where could this mix-up have occurred? What would you do next?
CBD Scenario model answer/ assessor guidance Detailed guidance that will be available for the assessors. Include	• The specimens could have been labelled incorrectly on receipt in histology. The specimens could have been switched at the dissection bench. There could have been a mistake made during the embedding stage. The wrong sections could have been picked up on the slides from the water bath during the

	microtomy stage. There could even have been a mix-up with labelling and/or packaging the specimens in the clinics.
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.	• Following this up would include: - Recording the incident in the error log - Performing a root-cause analysis (RCA) in order to try and pinpoint where this error may have occurred - Contacting the endoscopy clinic and asking the staff there to check their records and documentation - Checking that the staff in the lab have up to date competencies and offering any re-training if this is required - Undertaking observational audits to ensure that staff are performing tasks according to the departmental SOP Assessors should be assured that the trainee can articulate the various way in which a specimen transposition can occur. Assessors should also be satisfied that the trainee has covered how they would investigate such an incident and try to prevent it from happening again in a satisfactory manner.
Trainee instructions Please include any specific information to be provided to the trainee as part of the CBD scenario	No specific instructions. All guidance is provided in the 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	
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	X
9. Is aware of the importance of audit and can use this tool effectively	X
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	