

IACC 2023 Case-based discussion (CBD) scenario

Specialty:	Reconstructive Science
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CBD Scenario

CBD Scenario Title	Prosthetic review and managing complications									
CBD Scenario Aim	The aim is to establish the trainees understanding of the clinical process when checking Osseo integrated implants and assesses their problem-solving skills.									
CBD Focus (please provide the codes of the module(s) this scenario addresses)	<i>Professional Practice</i>			<i>SPE 420</i>						
GSP Domains covered (enter X to indicate all that apply)	GSP 1	X	GSP 2		GSP 3	X	GSP 4		GSP 5	
CBD Scenario description	<p>PART 1</p> <p>A longstanding patient attends a review appointment for an auricular implant retained prosthesis. The prosthesis is retained on three implants using a bar and clips.</p> <p>The patient is wearing the prosthesis but complains of pain and discharge around one of the implants.</p> <p>Can you tell us how would you proceed?</p> <p>PART 2</p> <p>On inspection one implant has clearly failed.</p> <p>What could you do to help ensure the patient can continue to wear a prosthesis?</p>									
CBD Scenario model answer/ assessor guidance Detailed guidance that will be available for the assessors. Include guidance on what kinds	<p>Part 1 Model Answer</p> <ul style="list-style-type: none"> • Discuss with patient the presentation of pain and discharge and wear schedule of prosthesis • Assess or review own competency level prior to proceeding • Assess the prosthetic site, the prosthesis and the fitting area 									

<p>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>	<ul style="list-style-type: none"> • Assess for mobility of implant components - Remove bar/mobility/torque components (identify abutment thread) abutment 25N, gold screw 12N. - Seeks to use correct tools • If site shows signs of infection, seek help from appropriate clinician where A swab may be taken • CT Scan may be requested • Surgical intervention planned • Be aware of own SOP <p>Part 2 Model Answer</p> <ul style="list-style-type: none"> • Talk about modifying existing prosthesis as a temporary measure • Talk about short term solutions such as modify bar or switch to magnets and/or anatomical retention and/or adhesives (with pros and cons) • Can the lab analogues in the mould be changed? • Talk about long term solutions • Arrange surgical input to uncover any sleepers or insert new fixture if required/possible.
<p>Trainee instructions</p> <p>Please include any specific information to be provided to the trainee as part of the CBD 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	
12. Consideration of patient/professionalism	X
13. Overall ability to perform	X