

## IACC 2023 Case-based discussion (CBD) scenario

<b>Specialty:</b>	<b>Audiology</b>
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### CBD Scenario

<b>CBD Scenario Title</b>	Otoacoustic Emissions									
<b>CBD Scenario Aim</b>	Demonstration an understanding of the limitations of OAE testing									
<b>CBD Focus</b> (please provide the codes of the module(s) this scenario addresses)	SPS220									
<b>GSP Domains covered</b> (enter X to indicate all that apply)	<b>GSP 1</b>		<b>GSP 2</b>	x	<b>GSP 3</b>	x	<b>GSP 4</b>		<b>GSP 5</b>	
<b>CBD Scenario description</b>	<p>Otoacoustic Emission are utilised as an initial screening test as well as part of a diagnostic test battery</p> <p>Discuss its limitations both a) as a screening tool and b) as part of your everyday clinical test battery?</p>									
<b>CBD Scenario model answer/ assessor guidance</b> 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>Answer to include at least three points from the following:</p> <ol style="list-style-type: none"> <li>As a screening tool (well-baby) will miss cases of ANSD</li> <li>Some normal healthy cochleas have absent TEOAEs</li> <li>Only assessing OHC function; IHCs may cause a SNHL without reduced OAEs</li> <li>Screening devices can provide limited information of the OAE response (ie only pass or fail)</li> <li>Present screening TEOAEs does not rule out significant hearing loss with sloping or cookie bite configuration</li> <li>Presence of OAE response can be affected by presence of MEE/abnormal middle ear status</li> </ol>									

<b>Trainee instructions</b>	
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	
2. Understands scientific principles of scenario	X
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	X
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	
12. Consideration of patient/professionalism	X
13. Overall ability to perform	