

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

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

<b>CBD Scenario Title</b>	Visual evoked potentials; planning and interpretation.										
<b>CBD Scenario Aim</b>	The aim of this scenario is to test the candidate's knowledge of how to plan and perform a visual evoked potential (VEP).										
<b>CBD Focus</b> (please provide the codes of the module(s) this scenario addresses)	SPS222c5										
<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>Can you describe how you would go about planning and performing an adult visual evoked potential (VEP) in your department.</p> <p>You should consider your patient, your local procedures and protocols, the types of VEP you may use and justification for your choices.</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>This scenario requires you to demonstrate your knowledge of how to plan and perform a routine adult visual evoked potential.</p> <p>The Trainee should be able to plan and perform a VEP investigation on an adult patient, broadly covering the following themes;</p> <ul style="list-style-type: none"> <li>• Patient centred approach including consent and clinical history.</li> <li>• Ability to work safely to local infection control and health and safety policies.</li> <li>• Visual acuity testing, visual correction – glasses.</li> <li>• Pattern reversal VEP – SOPS and protocols to be discussed from candidates own department including electrode placement, artefact recognition and recording parameters.</li> </ul>										

	<ul style="list-style-type: none"> <li>Monitoring patient compliance throughout and making changes to planned procedures if deemed necessary – i.e., changing check sizes and calculating a new angle subtended, half field VEP in the case of bifid waveforms, flash VEP, pattern onset/offset VEP. ERG may be mentioned.</li> </ul>
<b>Trainee instructions</b>  Please include any specific information to be provided to the trainee as part of the CBD scenario	Can you describe how you would go about planning and performing an adult visual evoked potential (VEP) in your department.  You should consider your patient, your local procedures and protocols, the types of VEP you may use and justification for your choices.

## 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	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	
9. Is aware of the importance of audit and can use this tool effectively	
10. Output meets accepted laboratory/professional standards	X
11. Demonstrates awareness of the limits of responsibility and when to seek advice	
12. Consideration of patient/professionalism	X

13. Overall ability to perform	
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