

IACC 2023 Case-based discussion (CBD) scenario

Specialty:	Critical Care Science
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CBD Scenario

CBD Scenario Title	Bedside Ventilator Troubleshooting									
CBD Scenario Aim	Demonstrate an understanding of the steps taken to troubleshoot a clinical event with a ventilator.									
CBD Focus (please provide the codes of the module(s) this scenario addresses)	Core module (professional practice)			Essential module (ophthalmic imaging)			Essential module			
GSP Domains covered (enter X to indicate all that apply)	GSP1	X	GSP2	X	GSP3	X	GSP4		GSP5	X
CBD Scenario description	<p>You have been asked by a Clinician at the bedside to investigate a perceived issue/alarm with a patient receiving mechanical ventilation.</p> <p>a) Please describe the steps you would take to assess the clinical and technical issue reported.</p> <p>b) Explain the advice you would give for immediate management of safety considerations.</p> <p>c) Explain the advice you would give for long term management of the incident.</p>									
CBD Scenario model answer/ assessor guidance Detailed guidance that will be available for the assessors. Include	<p>You should:</p> <ul style="list-style-type: none"> • Seek a description of the perceived problem / situation being troubleshooted. • Assess the clinical condition of the patient. • Consider the possible risk/s to the patient. • Take appropriate actions ensuring continuation of good patient care. 									

<p>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>	<ul style="list-style-type: none"> • Take action to ensure that policies and procedures are followed with respect to equipment involved. • Complete relevant documentation of event if required. • If required, follow up on any investigations that are required.
<p>Trainee instructions 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	Y
2. Understands scientific principles of scenario	Y
3. Can discuss the relevant procedures involved in the scenario and associated health and safety issues	Y
4. Understands and applies the appropriate test validation, IQC, EQA, relevant professional/clinical guidelines	Y
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	Y
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	
13. Overall ability to perform	