National School of Healthcare Science

NHS England

IACC 2023 Case-based discussion (CBD) scenario

Specialty:	Imaging with Ionising Radiation

CBD Scenario

CBD Scenario Title	Regulatory compliance for a new facility									
CBD Scenario Aim	To examine the trainee's knowledge and understanding of regulatory compliance in nuclear medicine									
CBD Focus (please provide the codes of the module(s) this scenario addresses)	*SCC110* *9, 17*		*SPE152c4* *1,8*		*SPE152c5* *13*					
GSP Domains covered (enter X to indicate all that apply)	**GSP 1**	X	**GSP 2**	X	**GSP 3**	X	**GSP 4**		**GSP 5**	
CBD Scenario description	A private clinic would like to start a radionuclide therapy service. They have asked you for advice on how they can do this in terms of regulatory compliance. Give a brief summary of what would be required and the regulations involved.									
CBD Scenario model answer/ assessor guidance 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.	Answer could include Regulation • HSE consent (IRR) • Environment Agency EPR permit (EPR) • ARSAC Employer's and Practitioner's licence (IR(ME)R) Roles • Radiation Protection Advisor, Radiation Protection Supervisor (IRR) • Medical Physics Expert (IR(ME)R • Radiation Waste Advisor (EPR)									
Trainee instructions										

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	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	
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	
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	x