

INDIVIDUAL CASE STUDY (CASE CODE: 6)

DIAGNOSTICS COMMITTEE

PARTICIPANT GUIDELINES

- Event will be presented to you through your reading of CURIS Skills, CURIS Knowledge and Case Details
- Each case study must be completed individually and should take approximately 1 hour
- You should take approximately 10 minutes to review this information and 20 mins to conduct external research to help prepare your response
- You should then take approximately 20 minutes to write your response and allot 10 minutes to edit your response and submit your work
- Please also include a citations page to indicate which external sources were used
- All submissions will be made through the CurisConnect website:
<https://curisconnectinfo.wixsite.com/curisconnect> via written responses on a pdf document in paragraphs (fill in the given response template)
- You will be evaluated on how well you demonstrate the CURIS Skills and meet the CURIS Knowledge criteria. The last page in your case study package consists of an Evaluation Form whereby the evaluator will allot points for the completion of the case study.
- The points allotted will be based on the depth and detail of your explanation in your response since there are no defined right or wrong answers, but rather we want to see your thinking, research, knowledge and understanding on the situation at hand.
- The amount of points earned will correspond to the amount of volunteer minutes or hours you will earn. The threshold and range for this grading scheme can also be found at the bottom of the Evaluation Form.
- Participants who successfully complete the case study will receive a Certificate of Participation

CURIS SKILLS

- Critical Thinking – Reason effectively and use systems thinking.
- Communication – Communicate clearly.
- Creativity and Innovation – Show evidence of creativity.
- Healthcare Oriented Mindset - Utilizes proper terminology and demonstrates foundational educational understanding in discipline.

CURIS KNOWLEDGE

- Explain the fundamental principles of ultrasound technology
- Develop strategies to address patient concerns, alleviate anxiety, and ensure a comfortable and supportive environment during ultrasound examinations.
- Demonstrate proficiency in operating ultrasound equipment and utilizing different imaging modes effectively

CASE DETAILS

You're an Ultrasound Technician at EchoScan Diagnostic Center, renowned for its advanced technology and commitment to patient care excellence. Today, you're attending to a 45-year-old patient, Mrs. Smith, who has abdominal pain and discomfort. Mrs. Smith's physician has referred her for an abdominal ultrasound to investigate the cause of her symptoms.

Upon arrival, Mrs. Smith expresses concerns about the procedure and seeks more information about the ultrasound. She is particularly worried about the purpose of the ultrasound and how the technology works. As the ultrasound technician, it's your responsibility to address her concerns and ensure she feels informed and comfortable throughout the process.

After resolving her concerns, you start with the procedure. However, a technician error occurs with the equipment. The image on the screen becomes distorted, making it difficult to obtain clear and accurate images of Mrs. Smith's abdominal organs. You figure out that the problem is a malfunctioning transducer. You need to fix this error while reassuring Mrs. Smith that everything will be fine.

Please also address the following questions in your response:

1. How can you ensure my comfort during the diagnosis?
2. What is the purpose of ultrasound, its benefits and potential risk, and how does the technology work?
3. What can be done to fix the equipment that is suffering from a malfunctioning transducer?

EVALUATION FORM

PARTICIPANT: _____

EVALUATOR: _____

Did the participant:		Below expectations	Meets expectations	Exceeds expectations	Judged score
CURIS KNOWLEDGE					
1	Explanation of how to comfort the patient.	2	4	6	
2	Explanation of the purpose of ultrasound technology and how it works.	2	4	6	
3	Knowledge on how the equipment can be repaired.	2	4	6	
CURIS SKILLS					
4	Critical Thinking & Problem-Solving	1	2	3	
5	Communication, Terminology & Professionalism	1	2	3	
6	Creativity & Innovation	1	2	3	
7	Healthcare Oriented Mindset	1	2	3	
TOTAL SCORE					

Total Score	Volunteer Minutes
25-30 points	1 hour
20-24 points	45 mins
15-19 points	30 mins
10-14 points	15 mins