

UTC Practice Test Questions and Answers

1. What is an artifact in ultrasound imaging?

- A) A naturally occurring image feature
- B) An image distortion caused by sound wave interactions
- C) A normal variation in tissue texture
- D) An enhancement of image resolution

2. What is the largest organ in the human body?

- A) Liver
- B) Skin
- C) Brain
- D) Heart

3. What is the role of ultrasound gel in patient care?

- A) To cool down the transducer
- B) To improve sound transmission and reduce discomfort
- C) To clean the patient's skin
- D) To protect the technician's hands

4. Why is gel applied during an ultrasound examination?

- A) To cool the skin
- B) To eliminate air and improve sound wave transmission
- C) To lubricate the probe
- D) To enhance skin elasticity

Answers: 1-B 2-B 3-B 4-B

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