Lesson 09:
Artifacts

This lesson contains 8 slides plus 4 multiple-choice questions.

Accompanying text for the slides in this lesson can be found on pages 48 through 50 in the textbook:
Ultrasound Artifacts

REVERBERATION

ENHANCEMENT

SHADOWING
Reverberation
Mirror Image
Enhancement and Shadowing
Enhancement and Shadowing
Enhancement
Shadowing - fetus
Shadowing - carotid

SHADOWING FROM PLAQUE
Answers to the following FOUR practice questions were derived from material in the textbook:
Question 1

What is the image artifact that resembles the steps of a ladder?

- shadowing
- enhancement
- through-transmission
- reverberation
Question 1

What is the image artifact that resembles the steps of a ladder?

- shadowing  
- enhancement  
- through-transmission  
- reverberation
Question 2

What is the increase in the amplitude of echoes from reflectors that are positioned behind a poorly attenuating structure (like water)?

- shadowing
- reverberation
- reflection
- enhancement
What is the increase in the amplitude of echoes from reflectors that are positioned behind a poorly attenuating structure (like water)?

- shadowing
- reverberation
- reflection
- enhancement
Question 3

What is the artifact displayed in this image?

- enhancement
- mirror artifact
- reverberation
- shadowing
What is the artifact displayed in this image?

- enhancement
- mirror artifact
- reverberation
- shadowing
Question 4

Which of the following is **LEAST** likely to cause shadowing?

- a cyst
- bowel gas
- bone
- gallstones
Which of the following is **LEAST** likely to cause shadowing?

- a cyst
- bowel gas
- bone
- gallstones
END OF LESSON 09

For information on the accompanying textbook, visit the Website:

www.Sonicorinc.com