Matt Tomory presents

Ultrasound Clinical Applications
for Service Engineers

Sponsored by: Conquest Imaging
Wednesday, August 12, 2015, 2:00pm ET

**PRESENTER:** MATT TOMORY, VP OF SALES, MARKETING & TRAINING

Matt Tomory is the Vice President of Sales, Marketing and Training for Conquest Imaging. Matt obtained his Bachelor of Applied Science and has over 29 years of experience in ultrasound service, training, technical support, research and development, sales, marketing and clinical applications.

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Ultrasound Applications for Service Engineers

Choose the answer(s) (there may be more than one) that best answers the following questions:

1. **How often should I back up my system?**
   a. Never – the OEM did it already
   b. During PMs
   c. After option or network changes
   d. When it first arrives

2. **When adjusting an ultrasound system’s main display:**
   a. Adjust room lighting to simulate exam room brightness
   b. Adjust brightness so bottom of greyscale bar is barely visible
   c. Adjust contrast so whites are not blooming
   d. All of the above

3. **When adjusting an ultrasound system’s gain, the amount of power transmitted is varied. True or False?**
   a. True
   b. False

4. **When the frequency of a transducer is decreased:**
   a. Resolution decreases
   b. Penetration decreases
   c. Resolution increases
   d. Penetration increases

5. **Focal zones allow a user to adjust:**
   a. Transducer mechanical focus
   b. Transmit electronic focus
   c. Depth of view on a patient
   d. None of the above

6. **For a blood vessel or heart chamber, you would use:**
   a. High dynamic range
   b. Moderate dynamic range
   c. No dynamic range
   d. None of the above
7. **Ultrasound power output refers to:**
   a. Amplification of received echoes
   b. Processor type and clock speed
   c. Transmitted acoustic energy
   d. None of the above

8. **Doppler aliasing refers to:**
   a. Blood flow reversing direction
   b. System scale/sample rate too low
   c. Ultrasound system malfunction
   d. None of the above
   e. All the above

9. **Shadows in images occur:**
   a. With dead elements on transducer
   b. Bent pins on transducer connector
   c. Dead transmitters within system
   d. Areas below bright or dense objects
   e. None of the above
   f. All the above

10. **Noise in ultrasound images is caused by:**
    a. Noisy power
    b. Radio frequency interference
    c. Poor system grounding
    d. Malfunctioning peripheral connected to system
    e. All the above
    f. None of the above

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For more information visit www.conquestimaging.com.

“These webinars have been VERY helpful. They are usually spot-on to what we need to know in our field. For those of us who have to have Professional Engineering hours, the CEU credits are very helpful too.”

-Ben W.

DON’T MISS WEBINAR WEDNESDAY’S Q&A
Matt Tomory will end today’s presentation with a Q&A session. If you have a question for Matt, please submit it early by emailing webinar@mdpublishing.com. All questions will be addressed at the end of today’s presentation.