

## Technical Quality Assurance (TQA) – Safety Aspects

### 1. Which safety aspects are involved in diagnostic ultrasound ?

- a.) electrical safety
- b.) ultrasound safety
- c.) diagnostic safety
- d.) all of the above

### 2. What is the meaning of TQA ?

- a.) Technical Quality Aspects
- b.) Technical Quality Assurance
- c.) Technical Quantitative Assurance
- d.) Thermal Quality Assurance

### 3. When does equipment deteriorate ?

- a.) at the beginning
- b.) after 3 years
- c.) over its life-time
- d.) in heavy use

### 4. Which components must be checked?

- a.) Monitor and console
- b.) Transducers only
- c.) Console, transducers, monitor & Peripheral devices
- d.) Console & transducers

### 5. If you detect delamination on a transducer, you should ...

- a.) glue it on
- b.) not use the transducer any longer
- c.) use it if no decrease in image quality is seen
- d.) do nothing

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**Correct answers:**

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| <p>1d: all of the above<br/>2b: Technical Quality Assurance<br/>3c: over its life-time<br/>4c: Console, transducers, monitor &amp; peripheral devices<br/>5b: not use the transducer any longer</p> |
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