

# Standard Transducer Care & Safety Guide

## Standard Transducer Care and Safety Guide

- Handle all transducers with care
- To prevent damage to transducer, place them in their holder or carrying case when not in use.
- Do not drop or subject transducers to any type of mechanical shock.
- Inspect the transducer's lens, housing and cable before each exam.
- Do not use damaged transducers. Injury to the operator or patient may occur if cracks, cuts, sharp edges or exposed wiring exist. Cleaning and/or gel solutions may leak into the transducers resulting in electrical shock. Discontinue use and notify Conquest Imaging.
- Avoid unnecessary stress or bending to the cable.
- Do not twist, kink or pinch the cable.
- Do not immerse transducer beyond manufacturer's immersion level.
- Do not soak transducer longer than recommended by germicide manufacturer.
- Do not immerse transducer's connector in germicide.
- Use only compatible gels and germicides according to the manufacturer of the transducers.
- Do not use non-recommended coupling gels that contain lotion, mineral oil, olive oil, lanolin, polyethylene glycol, dimethylsilicone, methyl or ethyl paraben.

Do the following	Everyday	After Use	As Necessary
Inspect the probe	✓		
Clean the probe		✓	
Disinfect the probe		✓	
Sterilize the probe			✓

- Do not clean transducers with non-recommended germicides that contain methanol, ethanol, bleach or alcohol.

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- Prevent disease transmission by properly cleaning and disinfecting transducer surfaces between patients that come in contact with the body tissue.
- After each use, remove coupling gel from the transducer by wiping with a soft cloth and rinse with flowing water.
- Always use sterile, transducer sheaths for intra-cavity, intra-operative and biopsy procedures.
- Strictly follow the germicide manufacturer's instructions for duration of contact time. Failure to do so may result in ineffective decontamination, along with lens damage and transducer failure.
- Disconnect the transducer from the ultrasound console and rinse

transducer with a warm nonabrasive soap and water solution.

- Thoroughly scrub transducers as needed with a soft brush, sponge or gauze pad to remove all gel and bio-residues.
- Air dry or dry with the soft cloth or gauze pad.

## Transducer Connector

Transducer connector and adapter are NOT water proof. Never immerse the connector or adapter into any liquid.

## Acuson MP Connector

Using a lint-free alcohol wipe, carefully clean the transducers micro pinless (MP) connector to remove dirt, debris or dried gel.

## Compatible Coupling Gels

- Aquasonic® 100 made by Parker Laboratories, INC
- Scan
- Ultra/Phonic™
- PROgel™
- Aquasonic Clear



Because Quality Matters  
ISO 9001:2008 CERTIFIED

## Contact Conquest Imaging for Transducer Exchanges, Loaners and Repairs

Conquest Imaging's Quality Probe Repair

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