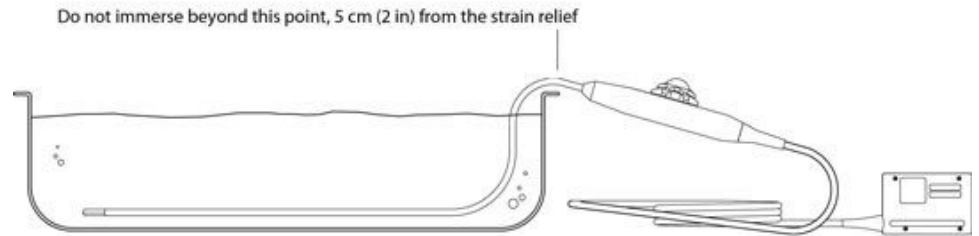


# TEE Transducer Care Guide

## PROPER CLEANING

- Clean after each use. NOTE: It is recommended to use a precleaner to remove mucus or bioburden prior to disinfection. Refer to the manual for approved precleaner.
- Always follow the precleaner and disinfectant manufacturer's cleaning instructions.
- Do not leave the transducer in disinfecting solution for longer than recommended by the disinfectant manufacturer. Do not store the transducer in the disinfectant solution.
- Use only approved precleaners and disinfectants. The use of other solutions will void your transducer warranty.
- Refer to the ultrasound system User Manuals for a complete list of approved solutions.
- If buildup of visible debris is noted around the flexible neck or tip, swab lightly with disinfecting solution. The use of a soft nylon brush may be required.
- Submerge the intracavity cable up to the last depth mark. Secure the control housing so it can not fall into the bath. Do not submerge the control housing or system connector in the disinfecting solution.
- To clean the transducer control housing and cable, use a cloth or pad moistened with 70% isopropyl alcohol, carefully dry the transducer control housing and cable with gauze pads or a soft cloth or let air dry for 30 minutes.



## Staining

- The guide tube may be 100% functional but stained or discolored. Staining and/or discoloration is typically the result of iodine-based disinfectants or caused by a spray/gag suppressant.
- Staining can be an indication of aggressive disinfectants being used.
- Improper coupling gels may cause staining. See manual for approved gels.
- Discoloration of the guide tube does not affect the quality of performance of the transducer.

**IMPORTANT:** Do not immerse the transducer intracavity cable past the last depth mark as its electrical safety features may be compromised and the transducer may be damaged beyond repair. This damage is not covered under the warranty or service contract.

## TRANSPORTATION AND STORAGE

- After use place the transducer shaft, up to but not including the control housing, in a bio-hazard bag.
- Always use the carrying case to move the disinfected transducer from one site to another.

- When shipping, place the disinfected transducer in a thick plastic bag and pack the wrapped transducer in its original shipping case. Place the packed shipping case in a heavy duty shipping box.
- Use of a Tip Protector is highly recommended.

## ELECTRICAL SAFETY

- Inspect the transducer for cracks and cuts prior to each transesophageal echocardiography (TE) exam.
- Prior to exam, perform the Electrical Safety Check Out.
- ALWAYS USE A PROPER BITE GUARD.

## Electrical Safety Check Out:

The leakage current tester operates by simulating the ultrasound system under fault conditions and measuring electrical impedance. Perform the leakage current check at the end of each high-level disinfectant procedure. Retest prior to use if the transducer has not been used for an extended period of time or to check the leakage current of the transducer that may have been damaged by being dropped or struck against another object.



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