

	Policy #: 17.12
SUBJECT: Ultrasound Equipment Quality Assurance Guidelines	Effective: 7/1998 Revised 2/21/2019
APPROVED BY: Director of Radiology	Page 1 of 1

Ultrasound Equipment Quality Assurance Guidelines

Purpose:

Sonographers will use the following guidelines and procedures to ensure that the ultrasound equipment is operating correctly and safely.

Policy:

Maintenance Daily

Daily check and monitoring of the image transfer system for each ultrasound unit.

Cleaning of transducers after each use and at the end of each day as defined in the infection control guidelines.

Endocavitary transducers will be covered with a protective probe cover for each use. After each use, the probe will be sterilized using the NanoSonics Trophon System.

Monthly

Monthly inspections of units for any broken wires, defective power supplies, and worn or dysfunctional cables.

Calibration

Bi-Annual calibrations are to be done by supervisors for all scan rooms using the ACR guidelines.

Bi- Annual calibrations are also to be performed by the hospital service contracted company and a record kept in the asset management office.

Standard checks are to be performed using the AIM test object. The following tests will be made:

1. Near field ring down
2. Dept or focus
3. Lateral resolution
4. Axial resolution
5. Velocity and standard for the test object
6. Cursor measurement