



**THIS IS TO CERTIFY THAT**

**ARROWHEAD REGIONAL MEDICAL CENTER'S**

**Medical Imaging Manual**

**HAS BEEN REVIEWED AND UPDATED**

**AS NEEDED**

|  |                     |
|--|---------------------|
| <br>Department Chair        | 8/2/19<br>Date      |
| <br>Department Manager      | 8/2/19<br>Date      |
| W. Ton      Wesley Ton<br>Associate Administrator  | 8/2/19<br>Date      |
| <br>Chief Executive Officer | 8/2/19<br>Date      |
| Curt Hagman<br>Chair, Board of Supervisors   | AUG 20 2019<br>Date |





**ARROWHEAD REGIONAL MEDICAL CENTER**  
**Medical Imaging Policies and Procedures**

**POLICY NO. 661.00 Issue 2**  
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**SECTION:** MODALITY SPECIFIC      **SUB SECTION:** ULTRASOUND

**SUBJECT:** TROPHON ® EPR (Environmental Probe Reprocessor)

**APPROVED BY:** \_\_\_\_\_  
Department Manager

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**POLICY**

- I. Medical Imaging staff provide high level disinfection to Ultrasound probes between patient use.
- II. Ultrasound probes are not required to be sterilized.

**PROCEDURE**

- I. Trophon EPR Disinfection Procedure:
  - A. Staff wear new gloves during the cleaning process to protect against exposure to infectious agents or toxic chemicals.
  - B. The probe is pre-cleaned with the approved transducer wiper and dried BEFORE starting the High Level Disinfection process.
  - C. When the device is ready, screen reads: LOAD PROBE AND INDICATOR
  - D. Open the chamber door and ensure the probe is straight and not touching the walls or the bottom. The tip of the probe must be above the embossed line.
  - E. After correctly loading the probe into the chamber, a chemical indicator is placed into the holder on the floor of the device chamber.
  - F. A Chemical Indicator must be used for each disinfection cycle and can only be used once.
  - G. Close the door to the chamber. Note: If the door is not properly closed, screen message reads: CLOSE CHAMBER DOOR
  - H. The next screen message reads: IS THE PROBE CLEAN AND DRY? Staff respond YES if the probe has been pre-cleaned and dried.
  - I. The device sounds an audible alarm when the cycle has successfully completed. The next screen message reads: CYCLE COMPLETE REMOVE AND WIPE PROBE
  - J. Remove the used Chemical Indicator from the device. Before discarding, verify the chemical Indicator color change from red to orange or lighter to validate successful high-level disinfection.
  - K. Document the chemical indicator results on the log after each use.
  - L. Remove the probe after the cycle is complete. Wipe the probe with an absorbent, single-use, dry, lint-free cloth or paper towel. Visually inspect the probe and ensure any peroxide residue is removed
  - M. Attach a clean tag label with date and securely hang probe in the adjacent ultrasound probe storage cabinet.
  - N. Adhering to a 7 day hang time, if probe has not been used re clean probe and attach a new clean tag label.
- II. The following information should be recorded for the quality control testing of the Trophon EPR.
  - A. Date

REFERENCES: Clean Probes per Siemens Directions  
Wipe Probes per Manufacturer Directions  
Soak Probes per Manufacturer Directions - PCI

DEFINITIONS: N/A

ATTACHMENTS: N/A

APPROVAL DATE: 8/1/2019 Policy, Standard, Quality Committee

4/5/2019 Medical Imaging Department Head Meeting  
Applicable Administrator, Hospital or Medical Committee

8/2/2019 Wesley Toh  
Applicable Administrator, Hospital or Medical Committee

8/20/2019 Board of Supervisors  
Approved by the Governing Body

REPLACES: Policy 701.00

EFFECTIVE: 1/2008 REVISED: 4/5/2019

REVIEWED: 1/11, 8/22/12, 9/2013, 9/10/2015, 10/3/2016, 12/13/2017