



Ultrasound Guidelines

Title: TROPHON PROTOCOL

Responsibility: Ultrasound Technicians

Purpose of Guidelines: High Level Disinfection of Vaginal Ultrasound Probes (Tropon Protocol) is to be utilized for all vaginal ultrasound probes following each use.

Procedure:

1. Put on gloves, 2 on the right hand, 1 on the left hand
- 2.
3. Place probe cover over ultrasound probe and complete study
4. Holding probe in your left hand, take a hospital approved disinfectant wipe in the right hand and remove probe cover by sliding the wipe and the probe cover up and off of the probe
5. Carefully encase wipe and probe cover in right glove and roll glove off of the hand so as to contain the probe cover and wipe. Dispose of in trash
6. Use alcohol-free disinfectant wipe (e.g., Green top PDI wipe) to clean gel off probe. Use another disinfectant wipe to clean the cord and all attached mechanisms
7. Place red biohazard bag over probe and set down on counter
8. Remove gloves and clean hands
9. Put on one clean glove and carry bagged probe in the gloved hand, using ungloved clean hand to open doors, to the dirty utility room and place in dirty sink
10. Remove right glove and perform hand hygiene according to policy
11. Put on gloves and remove red biohazard bag from probe and discard in biohazard trash
12. Pre-clean the probe using dual enzymatic detergent sponge (e.g., MetriSPONGE®). Rinse and dry with soft cloth after scrubbing with the dual enzymatic detergent sponge
13. Ensure the probe, mechanics and cord are clean and free of all visible debris, bioburden, gel or other soil and dry by wiping with disposable soft cloth and ensure that there is no visible moisture or drops of liquid on the probe
14. Load the clean, dry probe into the Tropon EPR disinfection chamber, ensuring:
 - a. Probe is secured high in the chamber with tip of probe above the embossed line;
 - b. Probe does not contact the chamber wall at any point
15. Place a new red Tropon Chemical Indicator (CI) into the indicator holder with the red side facing up
NOTE: A new chemical indicator is required for every cycle
16. Close the chamber door and confirm that the probe is both clean and dry
 - a. If yes, press START

- b. If no, follow the LCD screen prompts
17. Remove gloves and perform hand hygiene according to policy
18. Record the high level disinfection cycle on the log using complete data (time = mm/dd/year) and ensure all columns are completed
19. At the end of the seven minute HLD cycle, Trophon EPR's LCD screen states: *CYCLE COMPLETE REMOVE AND WIPE PROBE*
20. Put on gloves, retrieve a clean, disposable low linting or lint free towel and probe cover
21. Open the chamber door
22. Remove Chemical Indicator, check color against the color chart on the carton, record pass or fail, and discard
 - a. ***Both the CI and LCD screen must indicate a successful cycle for the probe to be ready for use***
 - b. ***If either the CI or the Trophon LCD screen indicates a fail, repeat the cycle***
23. Remove and wipe the probe using a dry, single-use disposable low linting or lint free cloth
24. Place the probe in a clean steri pouch for transportation and storage
25. Close the chamber door
26. Remove gloves and perform hand hygiene according to policy
27. Take probe and hang in position (with steri pouch protector) in the US room

In order to be able to complete High Level Trophon Disinfection of vaginal probes, annual education requirements include the following: completion of the Trophon educational video and online quiz as well as a demonstration of competency. Record of all trainings is to be kept in the employee personnel file per department procedures.

High Level Disinfection of Vaginal Ultrasound Probes Tropon Protocol Competency Assessment

Employee: _____ Rocket ID: _____ Date: _____

Annual Requirements:

Step 1 Tropon Video

Step 2 Tropon Quiz (attachment certificate to this competency)

Step 3 Demonstration of Competency

Check Completed Correctly	Demonstration of Competency Item(s)
	1. Put on gloves, 2 on the right hand, 1 on the left hand
	2. Place probe cover over ultrasound probe and complete study
	3. Holding probe in your left hand, take a hospital approved disinfectant wipe in the right hand and remove probe cover by sliding the wipe and the probe cover up and off of the probe
	4. Carefully encase wipe and probe cover in right glove and roll glove off of the hand so as to contain the probe cover and wipe. Dispose of in trash
	5. Use alcohol-free disinfectant wipe (e.g., Green top PDI wipe) to clean gel off probe. Use another disinfectant wipe to clean the cord and all attached mechanisms.
	6. Place red biohazard bag over probe and set down on counter
	7. Remove gloves and clean hands
	8. Put on one clean glove and carry bagged probe in the gloved hand, using ungloved clean hand to open doors, to the dirty utility room and place in dirty sink
	9. Remove right glove and perform hand hygiene according to policy. Retrieve supplies
	10. Put on gloves and remove red biohazard bag from probe and discard in biohazard trash
	11. Pre-clean the probe using dual enzymatic detergent sponge for time indicated on package.(e.g., MetriSPONGE®). Rinse for 1 minute and dry with soft cloth after scrubbing with the dual enzymatic detergent sponge
	12. Ensure the probe, mechanics and cord are clean and free of all visible debris, bioburden, gel or other soil and dry by wiping with disposable soft cloth and ensure that there is no visible moisture or drops of liquid on the probe
	13. Load the clean, dry probe into the Tropon EPR disinfection chamber, ensuring: <ul style="list-style-type: none"> a. Probe is secured high in the chamber with tip of probe above the embossed line; b. Probe does not contact the chamber wall at any point
	14. Place a new red Tropon Chemical Indicator (CI) into the indicator holder with the red side facing up NOTE: A new chemical indicator is required for every cycle
	15. Close the chamber door and confirm that the probe is both clean and dry <ul style="list-style-type: none"> a. If yes, press START b. If no, follow the LCD screen prompts
	16. Remove gloves and perform hand hygiene according to policy
	17. Record the high level disinfection cycle on the log using complete data (time=mm/dd/year) and ensure all columns are completed
	18. At the end of the seven minute HLD cycle, Tropon EPR's LCD screen states: <i>CYCLE COMPLETE REMOVE AND WIPE PROBE</i>
	19. Put on gloves, retrieve a clean, disposable single-use low linting or lint free towel and probe cover
	20. Open the chamber door
	21. Remove Chemical Indicator, check color against the color chart on the carton, record pass or

	fail, and discard
	a. Both the CI and LCD screen must indicate a successful cycle for the probe to be ready for use
	b. If either the CI or the Trophon LCD screen indicates a fail, repeat the cycle
	22. Remove and wipe the probe using a dry, single-use disposable low linting or lint free cloth
	23. Place the probe in a clean steri pouch for transportation and storage
	24. Close the chamber door
	25. Remove gloves and perform hand hygiene according to policy
	26. Take probe and hang in position (with steri pouch protector) in the US room

NOTE: Must reach 100% on competency to be able to perform High Level Trophon Disinfection without Mentor.

Completed by: _____ Department: _____ Date: _____
 (Trained Assessor)