nanosonics
Infection Prevention. For Life.

Ultrasound Probes Used in Percutaneous Procedures – How Nanosonics Can Help

Garrett Ortiz

Senior Account Manager – Southern California and Hawaii

g.ortiz@nanosonics.com

Phone: 714.496.5966

November 14, 2023

nanosonics
Infection Prevention. For Life.

Site Assessment

The Nanosonics Site Assessment is an electronic adaptation of the Invention Prevention Toolkit.[1] This Toolkit was assembled in consultation with a team of clinical experts with backgrounds in infection prevention and instrument processing. The objective of the Toolkit is to provide healthcare workers with resources regarding infection prevention during the use and reprocessing of ultrasound probes. The Nanosonics Site Assessment extends the original benefit of the Toolkit through personal engagement with infection prevention experts.

A Site Assessment is administered by your local Clinical Applications Specialist who is a member of the Nanosonics Medical Affairs Team. The Medical Affairs team is a division within Nanosonics that is focused on education and information exchange, all towards improved clinical compliance and best practices, alignment with federal guidelines and national standards, and improved patient care.

What to expect from a Site Assessment

The Site Assessment follows a scientific process of observing and gathering information reflective of your facilities current use and reprocessing practices for ultrasound probes, with special attention towards semi-critical and critical clinical procedures. The assessment encompasses cleaning, disinfection, storage, traceability and other associated factors that contribute to the overall ultrasound environment within your department(s). It should be noted that during this process, pictures will be taken for analysis, but these pictures will not include any HIPA sensitive information or identifiers.

The collected data is reviewed in light of recommendations set by federal guidelines (FDA, CDC)[2-3], National Standards (AAMI)[4] and The Joint Commission (TJC)[5] and does not reflect the personal view of Nanosonics. Analysis of the sum of the collected data will be provided to you, inclusive of all supportive information. This report will offer you a comprehensive view of ultrasound environment(s) within your facility and provide a pathway forward to any corrective measures that may be needed. If alignment is increased, it is expected that this will improve readiness for accreditation surveys and enhance patient safety. Through this process, Nanosonics seeks to assist your facility in reaching its infection prevention goals.

Next Steps towards your Site Assessment

Vascular Access

nanosonics
Infection Prevention. For Life.

Ultrasound Guided Procedure	Procedure Volume	Cleaning Product	Disinfection/ Sterilization	Probe Cover	Gel	Procedural Compliance	Findings
CVC / PICC	50.0/Week	Super Sani Cloth wipe – purple top	LLD/ILD	Tegaderm ;Sterile probe cover	Sterile single-use pack	✖	Confirm MIFU wipe compatibility. LLD/ILD may not be sufficient. HLD/sterilization is required for semi-critical and critical probes. Tegaderm must not be used as a probe cover as it is not FDA cleared for that use.

OR

Ultrasound Guided Procedure	Procedure Volume	Cleaning Product	Disinfection/ Sterilization	Probe Cover	Gel	Procedural Compliance	Findings
Injection	100.0/Week	Super Sani Cloth wipe – purple top	LLD/ILD	Sterile probe cover	Sterile single-use pack	✖	Confirm MIFU wipe compatibility. LLD/ILD may not be sufficient. HLD/sterilization is required for semi-critical and critical probes.
CVC / PICC	20.0/Week	Super Sani Cloth wipe – purple top	LLD/ILD	Sterile probe cover	Sterile single-use pack	✖	Confirm MIFU wipe compatibility. LLD/ILD may not be sufficient. HLD/sterilization is required for semi-critical and critical probes.
Intraoperative	2.0/Week	Other - Approved	Sterilization	Sterile probe cover	Sterile single-use pack	✖	Confirm MIFU wipe compatibility.

Radiology

Ultrasound Guided Procedure	Procedure Volume	Cleaning Product	Disinfection/ Sterilization	Probe Cover	Gel	Procedural Compliance	Findings
Transvaginal	70.0/Week	Super Sani Cloth wipe – purple top;Enzymatic sponge	HLD	Clean single use probe cover	Non-sterile single-use pack	✔	Confirm MIFU wipe compatibility. Clean cover acceptable, but sterile probe cover recommended. Non-sterile bottles should not be used. Non-sterile single-use packet acceptable, but sterile single-use pack recommended.
Biopsy	25.0/Week	Super Sani Cloth wipe – purple top	LLD/ILD	Sterile probe cover	Sterile single-use pack	✖	Confirm MIFU wipe compatibility. LLD/ILD may not be sufficient. HLD/sterilization is required for semi-critical and critical probes.
Injection	10.0/Week	Super Sani Cloth wipe – purple top	LLD/ILD	Sterile probe cover	Sterile single-use pack	✖	Confirm MIFU wipe compatibility. LLD/ILD may not be sufficient. HLD/sterilization is required for semi-critical and critical probes.

If you would like to receive a complimentary clinical infection prevention ultrasound site assessment at your facility to help identify potential patient safety risks and to better understand how ultrasound is being used, cleaned, disinfected and stored please contact me so we can set it up at your facility. My contact information is below:

Garrett Ortiz

Senior Account Manager

g.ortiz@nanosonics.com

Phone: 714.496.5966