

2023 FSRACA NATIONAL CONFERENCE

9–11 AUGUST 2023
CENTREPIECE AT
MELBOURNE PARK, VICTORIA

OUR TEAMS
KICKING GOALS

Comparison of soaking, misting, wiping and ultraviolet irradiation for high-level disinfection of ultrasound transducers

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Semi-critical ultrasound probes require high level disinfection (HLD) per Australian national standards and guidelines to help ensure patient safety. Reprocessing technicians have several TGA cleared ultrasound probe HLD options available in Australia including chemical soaking, hydrogen peroxide misting, chlorine dioxide wipes and ultraviolet-C (UVC) irradiation. When selecting an HLD option each method should be assessed by device reprocessing and infection prevention experts at facilities for suitability based on the intrinsic principles of operation, the unique characteristics of their clinical setting and staff safety.

Learning Objectives

- Analyse the critical parameters for each TGA cleared HLD option for ultrasound probes, that need to be met to achieve the label efficacy claims
- Identify National standards, manufacturer instructions for use and clinical practice guidelines as inputs to help technicians and infection preventionists select a suitable method for their practice
- Discuss validation requirements in AS/NZS 4187 in the context of HLD of semi-critical ultrasound probes
- List factors technicians and infection preventionists can evaluate when selecting an HLD method for ultrasound probe disinfection



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