TRANSDUCER DISINFECTION: WHEN GOOD IS ENOUGH, BETTER IS POSSIBLE

Tristel DUO NCU™

NEW LOOK. SAME CHEMISTRY!



Under Australian and New Zealand Standard AS/NZS 5369:2023, ultrasound transducers that contact intact skin are classed as non-critical, regardless of whether they contact blood.

These are required to undergo low-level or intermediate-level disinfection at a minimum. Tristel DUO NCU provides the highest level possible without resorting to high-level disinfection.

- Intermediate-Level Disinfection
- Uniform 30-second contact time
- For ultrasound transducers used in interventional procedures

AU NZ

SCAN HERE to learn more about Tristel DUO NCU

WHY CHOOSE TRISTEL DUO NCU?

MOBILE

Easy to implement in a wide variety of areas where point of care ultrasound is performed due to its size and simplicity, without the limitations machine-based systems bring.

COMPLIANT

Compliant with AS/NZS 5369:2023 and EN 14885. Registered on the Therapeutic Goods Administration (TGA) as an instrument-grade Class IIb medical device.

QUICK & EFFECTIVE

Use on all parts of the device, including the probe holder, giving the best outcome for decontamination. It is effective in 30 seconds against microorganisms of concern.

COMPATIBLE

Tested and confirmed to be compatible with more than 829 individual skin surface transducers models and counting.

ECONOMICAL

Eliminates the need for investment in machine-based systems and maintenance contracts.

DESTROYS HPV

Effective against HPV Types 16 and 18 in just 30 seconds. **Scan here to read more.**

NON-CRITICAL DOES NOT MEAN LOW RISK

Non-critical ultrasounds can still be used in invasive procedures or high-risk environments and may contact blood. An Australian study found skin surface ultrasounds to be positive for bacteria after use, with some remaining contaminated even after low-level disinfection.[1] Another study across five emergency departments and five ICUs found that 57% of transducers were contaminated with blood, and 46% with microbiological contamination. Of the samples that were positive for blood, only 51% were visibly stained.[2]

Low-Level Disinfection

- Required to pass 4 tests with the TGA, making a claim against bacteria, fungi and viruses.

Intermediate-Level Disinfection

- Required to pass 11 tests, including all bactericidal, virucidal, fungicidal and mycobactericidal tests.

While low-level disinfectants are commonplace in hospitals and serve a useful purpose, they provide the lowest level of protection, often with multiple contact times – sometimes well over a minute.

DESIGNED SPECIFICALLY TO PROVIDE IMMEDIATE AND ACCESSIBLE PROTECTION WHEN YOU NEED IT MOST

THEATRES AND ANAESTHETICS

Ultrasound probes used for line insertion come in contact with multiple patients in quick succession and may contact blood.

BLADDER SCANNERS

The forgotten ultrasound: used on multiple patients and rarely disinfected or seen as a potentially contaminated device.

RENAL DIALYSIS

Ultrasound is often used to locate vasculature on immunocompromised patients who repeatedly undergo cannulation.

ONCOLOGY

Patients undergoing chemotherapy may need an ultrasound to assist with line insertion; a high-risk patient population needs a reliable solution.

EMERGENCY

In this fast-paced environment, ultrasound probes are often contaminated, overlooked and moved from patient to patient.

ICU

Complex illnesses and issues require constant monitoring, evaluation and intervention, so ultrasound disinfection is crucial to ensure patient safety.

Tristel™

Australia
Tristel Pty Ltd, Unit 44, 328 Reserve Road, Cheltenham, VIC 3192, Australia
T 1300 680 898 **E** mail-au@tristel.com **W** www.tristel.com/au-en/

New Zealand
23 Birch Avenue, Judea, Tauranga 3110, New Zealand
T +64 (0) 7 5771560 **E** mail-nz@tristel.com **W** www.tristel.com/nz-en/

[1] Westerway S, Basseal JM, Brockway A, Hyett JA, Carter DA. Potential risks associated with an ultrasound examination – a bacterial perspective. J Ultrasound Med Biol 2016; 43: 421–6 [2]Keys M, Sim BZ, Thom O, Tunbridge MJ, Barnett AG, Fraser JF. Efforts to Attenuate the Spread of Infection (EASI): a prospective, observational multicentre survey of ultrasound equipment in Australian emergency departments and intensive care units. Crit Care Resusc. 2015 Mar;17(1):43-6. PMID: 25702761.

Copyright © Tristel Solutions Limited
Mkt-Bro-3790 - 19/OCT/2026 - V1