

# Tristel<sup>™</sup> Solo

## for Ultrasound

Disinfectant wipes for skin surface  
probes and ultrasound stations



# Disinfectant wipes for skin surface probes and ultrasound stations

Tristel Solo for Ultrasound disinfectant wipes are designed specifically for the simple and effective disinfection of skin surface probes and ultrasound station monitors, keyboards, probe holders and cables.



## Why choose Tristel Solo Wipes?

### A simple solution

The skin is a natural barrier against microorganisms. Unless contact is made with broken skin, cleaning followed by disinfection is common practice.

Disinfection is required to prevent the spread of microorganisms. Several studies have demonstrated that close contact with infected patients or contaminated surfaces is enough for transmission to happen.<sup>(1)</sup>

A study conducted in 2015 by the Australasian Society for Ultrasound in Medicine identified the importance of removing bacteria from transabdominal probes after each therapeutic diagnosis.<sup>(2)</sup>

Tristel Solo for Ultrasound disinfectant wipes offer a simple and effective solution to achieve the disinfection required for non-critical ultrasound equipment.

### An effective formulation

Tristel Solo for Ultrasound disinfectant wipes are based on a Quaternary Ammonium Compound (QAC) in the form of didecyl dimethyl ammonium chloride. To aid cleaning and soil removal, the formulation incorporates two non-ionic surfactants and one chelating agent. Tristel Solo for Ultrasound disinfectant wipes have been tested in accredited laboratories and have demonstrated efficacy against the microorganisms listed below:

- Enveloped viruses
- *Staphylococcus aureus*
- *Pseudomonas aeruginosa*
- *Candida albicans*
- Methicillin-resistant *Staphylococcus aureus* (MRSA)
- Vancomycin-resistant *Enterococci* (VRE)
- Carbapenem-resistant Enterobacteriaceae (CRE)
- Multi-drug resistant *Acinetobacter baumannii* (MDRAB)
- *Escherichia coli*
- *Enterococcus hirae*

### A high-quality wipe

Tristel Solo for Ultrasound disinfectant wipes are made of a high-quality 40gsm polycellulose material.

Each wipe measures 27 x 20 cm and offers excellent surface coverage for skin surface probes, monitors, keyboards, probe holders and cables. Tristel Solo for Ultrasound disinfectant wipes are available in packs of 100 wipes.

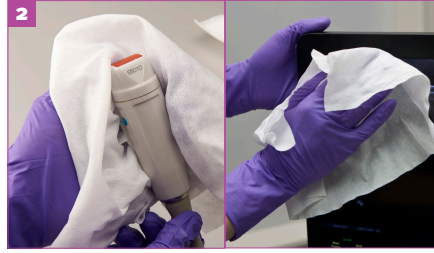
**Tristel™ Solo**  
for Ultrasound

Tristel Solo for Ultrasound is CE marked as a Class IIa Medical Device in accordance with the European Medical Devices Directive 93/42/EEC and the 2007/47/EC amendments thereto.

## How to use



Take one Tristel Solo for Ultrasound disinfectant wipe.



Use the wipe to disinfect the skin surface probe. Use another wipe to disinfect the monitor, keyboard, probe holders and cables.



Leave surfaces to dry to ensure a minimum contact time of two minutes.

## Applications

Tristel Solo for Ultrasound disinfectant wipes are designed specifically for the disinfection of:

- Skin surface probes
- Monitors
- Keyboards
- Probe holders
- Cables

## Material compatibility

Testing has demonstrated no corrosion or deterioration of the following materials, even after repeated procedures/long-term exposure:

- Rubber compounds
- Aluminium
- Plastics
- Copper
- Mild steel
- Brass
- Stainless steel

## The disinfection requirements in ultrasound

Ultrasound stations can be divided into three categories:

1. Endo-cavity probes
2. Skin surface probes
3. Ultrasound station monitors, keyboards, probe holders and cables.

Due to their semi-critical classification, the disinfection of endo-cavity probes is often seen as the priority. Several studies have been conducted over the years to review this assumption.

In 2015, a study conducted by the Australasian Society for Ultrasound in Medicine has found more contamination on a selected sample of transabdominal probes compared to transvaginal probes. An investigation conducted on ultrasound equipment has also proven that probe holders, cables, keyboards and monitors can have more contamination than ultrasound probes. Due to frequent contact and poor decontamination practices, keyboards have been highlighted as particularly worrying. Other concerns refer to ultrasound cables and probe holders as the gel can easily run down and act as a vector for infection.<sup>(2) (3) (4)</sup>

Tristel Solo for Ultrasound disinfectant wipes offer a simple and effective solution to achieve the disinfection required for non-critical ultrasound equipment.

## References and publications

- <sup>(1)</sup> Centers for Disease Control and Prevention. Guideline for Disinfection and Sterilization in Healthcare Facilities 2008.
- <sup>(2)</sup> Australasian Society for Ultrasound in Medicine. 'Potential risks associated with an ultrasound examination: a microbial perspective' 2015.
- <sup>(3)</sup> An investigation of the microbiological contamination of ultrasound equipment. Sykes A, Appleby M, Perry J, and Gould K 'British Journal of Infection Control' Aug 2006, Vol.7 No.4.
- <sup>(4)</sup> 'Is Ultrasound Gel Harboring Any Bacterial Growth?' Hanadi Abdulqader Jasim, Hassan Ala Faried and Mohammed Basim Majeed 'Global Advanced Research Journal of Microbiology' January 2016.

## Product options

### Tristel Solo for Ultrasound

100 wipes/pack  
12 packs/box



# Tristel

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