

**Tristel**

# Trio Wipes System

The Gold Standard for manual  
instrument decontamination



3  
Rinse  
Wipe

Tristel  
Sporicidal  
Wipe

Tristel  
Activator  
Foam

Toallitas Limpiadoras  
Lingettes de Nettoyage  
Salviettine Detergenti  
Reinigingsdoekjes  
Lavete de Curatare  
Мощные Салфетки  
Μακρύλι προετοιμασίας καθαρισμού

Toallitas Esporicidas & Espuma Activadora  
Lingettes Sporicides & Activateur Mousse  
Salviettine Sporicide Disinfettanti & Schiuma di Attivazione  
Sporicide Doekjes & Activator Schuim  
Lavete Sporidic & Spuma Activatoare  
Спорцицидные Салфетки & Пена-Активатор  
Σπορικότινα Μοντίλι Αποστέρωσης & Ψηράς ενεργοποίησης

Toallitas de Enriquecida  
Lingettes de Rinçagem  
Salviettine Risciacquanti  
Spövläckesjes  
Lavete de Clătire  
Οδηγισμένη με Καθαριστή  
Μακρύλι Ενίσχυσης

## The Gold Standard for manual instrument decontamination

The Tristel Trio Wipes System is a 3-part decontamination system for non-lumened medical devices. It is renowned for its speed, efficacy, compatibility and ease-of-use, and is embraced by healthcare specialists worldwide within ENT, Cardiology, Gynaecology, IVF, Anaesthesiology and Ophthalmology. The Tristel Trio Wipes System is available with manual or automated traceability.



## Why choose the Tristel Trio Wipes System?

### A complete solution

Tristel Trio is a unique system providing a complete solution for high-level disinfection of non-lumened medical devices.

### Speed and efficacy

The Tristel Trio Wipes System provides a full decontamination cycle, including traceability, in a matter of minutes. It helps to increase turnaround of instruments and patient throughput. The Tristel Sporicidal Wipe kills all organisms, including spores in just 30 seconds. It has been independently tested and complies to all testing requirements set by European Norms. The Chlorine dioxide chemistry destroys all types of microorganisms, from the most resistant of organisms (spores) to the least (lipid enveloped viruses). For example,

- spores (*Bacillus subtilis*, *Bacillus cereus*, *Clostridium difficile*);
- mycobacteria (*Mycobacterium tuberculosis*, *Mycobacterium avium*);
- viruses (HIV, Human Herpesvirus, Polyoma virus SV40, Hepatitis B, Hepatitis C);

### Applications

The Tristel Trio Wipes System is recommended for use on non-lumened medical devices such as:

- Nasendoscopes
- Transoesophageal echocardi probes
- Transvaginal ultrasound probes
- Transrectal ultrasound probes
- Laryngoscope blades
- Intubation endoscopes
- Manometry catheters
- Ophthalmic instruments

### Chlorine dioxide

The Sporicidal Wipe utilises Tristel's patented Chlorine dioxide chemistry, a well-documented, highly effective biocide. The chemical symbol for Chlorine dioxide is ClO<sub>2</sub>.

- fungi (*Candida* spp., *Aspergillus* spp);
- bacteria (Vancomycin resistant *enterococcus faecium*, *Kelbsiella pneumoniae*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Staphylococcus aureus*).

### Safety

Chlorine dioxide has an unblemished health and safety record spanning more than 20 years.

### Compatibility

The Tristel Sporicidal Wipe has been approved by many instrument manufacturers around the world:

- GE
- Philips
- Karl Storz
- Esaote
- Toshiba
- Atmos
- BK Medical
- Sonosite
- Samsung
- Hitachi
- Vision Sciences
- Siemens
- Unisensor
- Gaeltec
- Aircraft Medical
- Haag Streit Diagnostics
- MMS
- Sandhill
- Given Imaging

### Formats

The Tristel Trio Wipes System is available in two formats:

**Tristel Trio** is a compact pack holding all three Tristel Wipes.

**Trio25** delivers 25 procedures  
**Trio50** delivers 50 procedures

**Tristel Wipes** are separate cartons of Pre-Clean, Sporicidal and Rinse Wipes, each giving 50 procedures.

All wipes are individually packed in sachets, ensuring a high quality product is delivered with each application.

### Flexibility

The Tristel Trio Wipes System is a mobile solution which can either be used in the consultation or decontamination room. Its flexibility eliminates the need for the instrument to be sent to central sterilisation units for reprocessing, saving valuable time.

### Traceability

The Tristel Trio Wipes System is available with manual or automated traceability.

### Manual Traceability

The Quality Audit Trail Record Book enables all decontamination procedures completed with the Tristel Trio Wipes System to be recorded.

The Quality Audit Trail Record Book validates the following steps:

- Identification of the instrument and the date and time it is decontaminated.
- Pre-cleaning of the instrument (by the Tristel Pre-Clean Wipe or by other means).
- Correct activation and use of the Tristel Sporicidal Wipe.
- Rinsing of the instrument (by the Tristel Rinse Wipe or by other means).
- Identification of the next destination of the instrument – patient or storage.
- Identification of the person responsible for the decontamination process.

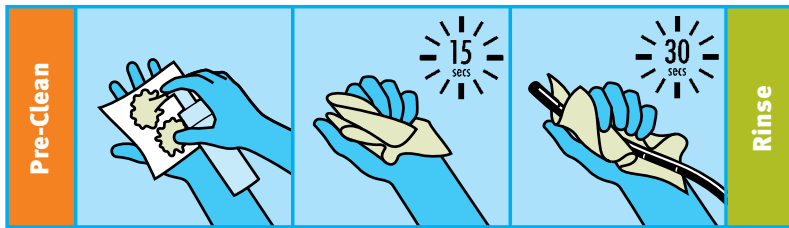
### Automated Traceability

Tristel Trace automatically validates the decontamination procedure through barcode traceability. It records the patient, instrument, operator and all Wipes as used in their correct sequence. It ensures that all decontamination procedures are completed successfully.

Please refer to the Tristel Trio Trace brochure for more information.



# Enhancing infection prevention practice could not be easier



## Tristel's Chlorine dioxide chemistry is proven to work

The Chlorine dioxide chemistry is well-documented in various national and international guidelines, publications and case studies:

- In June of 2012 the MHRA reported a fatality caused by the possible cross contamination of Hepatitis B from a transoesophageal echocardiography probe. Ref: MDA/2012/037 in June 2012.
- *Guidelines for reprocessing non lumened heat sensitive ENT endoscopes.* M. Cavaliere, M. Iemma. Struttura Complessa di Otorinolaringoiatria, Azienda Ospedaliera Universitaria "San Giovanni di Dio e Ruggi d'Aragona", Salerno. Argomenti di ACTA otorinolaringologica italiana 2010; 4: 6-17.
- *Guidance on the decontamination and sterilization of rigid and flexible endoscopes.* Andrew C. Swift. ENT UK, 2010.
- *Guidelines for Reprocessing Nonlumened Heat-Sensitive Ear/Nose/Throat Endoscopes.* Matteo Cavaliere, MD; Maurizio Iemma, MD. Laryngoscope, 122:1708-1718, 2012.
- *Guidelines for Transoesophageal Echocardiography Probe Cleaning and Disinfection from the British Society of Echocardiography.* Kanagala P, Bradley C, Hoffman P, Steeds RP. October 2011.
- *Audit of Nasendoscope Disinfection Practice.* I. Street, J. Hamann, M. Harries. Surgeon, 1 February 2006 11-13.
- *Mycobactericidal activity of Chlorine dioxide wipes in a modified prEN 14563 test.* A. Hernández, M. Carrasco, V. Ausina. Journal of Hospital Infection (2008), 1-5.
- *HCA International Limited. The decontamination of nasendoscopes, TOE and ultrasound probes and non-lumened medical devices.* February 2008.
- *A new technique for the sterilisation of the ultrasound transducer used in egg retrieval procedures in IVF.* Meridis E., Talmor A., Turner C., Lavery S. and Trew G. British Fertility Society, Summer College 2006.
- *A randomised single-blind comparison of the effectiveness of the high-level disinfectants Tristel Wipes (Chlorine dioxide), Cidex OPA (ortho-phthalaldehyde) and Perasafe (peracetic acid/peractyl ions) for use with flexible nasoendoscopes.* Mr Brandon Hitchcock FRACS (Consultant Otolaryngologist) and Mrs Sonia Moynan (Research Nurse NZRN).
- *Evaluation of disinfection of flexible nasendoscopes using Tristel wipes: a prospective single blind study.* K. Tzanidakis, N. Choudhury, S. Bhat, A. Weerasinghe, J. Marais. Ann R Coll Surg Engl 2012; 94:185-188.
- *Transvaginal ultrasound probe contamination by the human papillomavirus in the emergency department.* Shuk Ting Christine Ma, A C Yeung, Paul Kay Sheung Chan, Colin A Graham. July 2012.
- *Sequential cohort study comparing Chlorine dioxide wipes with automated washing for decontamination of flexible nasendoscopes.* C. Q. Phua, Y. Mahalingappa and Y. Karagama. The Journal of Laryngology & Otology / Volume 126 / Issue 08 / August 2012, pp 809 814.
- *Decontamination methods for flexible nasal endoscopes.* F. Javed, S. Sood, G Banfield. British Journal of Nursing, August 2014.

## 1 Pre-Clean Wipe

The first step in the decontamination process of medical devices is the thorough pre-cleaning of the surface to remove soil and organic matter.

The Pre-Clean Wipe is a non-woven wipe impregnated with an enzymatic detergent.



- Class I Medical Device
- Patent number: GB 2 413 765

## 2 Sporidical Wipe & Activator Foam

Step two is the high-level disinfection of the medical device.

The Sporidical Wipe, combined with the Activator Foam, eliminates bacteria, viruses, fungi, mycobacteria and spores from the surface of the medical device in only 30 seconds.



- Class IIb Medical Device
- Patent number: GB 2 404 337 B

## 3 Rinse Wipe

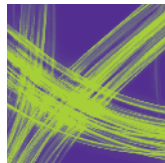
The final step in the decontamination process is the rinsing of the medical device.

The Rinse Wipe is a sterile packed, non-woven wipe impregnated with deionised water.



- Class I Sterile Device
- Patent number: GB 2 404 337 B

For more supporting data for the Sporidical Wipe such as Material Safety Data Sheets (MSDS), efficacy reports, material compatibility statements and toxicological studies, please visit [www.tristel.com](http://www.tristel.com)



Trio is a good idea from **Tristel**  
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