

Tristel Trio™

Wipes System

A complete solution for high-level disinfection
of non-lumened medical devices



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The Tristel Trio Wipes System comprises of three wipes that in sequence perform the steps of the decontamination process: cleaning, high-level disinfection and rinsing. The Tristel Trio Wipes System is renowned worldwide for its speed, efficacy, compatibility and ease-of-use. It is embraced by healthcare specialists within ENT, Cardiology, Gynaecology, IVF, Anaesthesiology and Ophthalmology.



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. It has been independently tested and complies with testing requirements set by European Norms. The Tristel Sporicidal Wipe destroys organisms of concern such as bacterial spores, mycobacteria, viruses, fungi and bacteria. Organisms tested include:

- Polyomavirus SV40 (surrogate of Human Papilloma Virus)
- Hepatitis B virus
- HIV
- *Staphylococcus aureus*
- *Candida albicans*
- Herpes simplex virus
- Hepatitis C virus
- *Mycobacterium terrae* (surrogate for *M. tuberculosis*)
- Vancomycin-resistant *Enterococcus faecium*

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 **Quality Audit Trail Record Book** enables all decontamination procedures to be recorded. It validates the identification of the instrument and the date and time it is decontaminated, the pre-cleaning step, the activation of the Sporicidal Wipe and the high-level disinfection step, the rinsing step, the identification of the next destination of the instrument and the identification of the person responsible for the decontamination procedure. For more information please refer to the User Guide.

Compatibility

The Tristel Trio Wipes System has been tested and confirmed to be compatible with medical devices from major manufacturers including:

- Aircraft Medical
- Atmos
- BK Ultrasound
- Carestream
- Clarius Mobile Health
- Clarus Medical
- Cogentix Medical
- Echosens
- Esaote
- Fisher & Paykel
- GE Healthcare
- Haag Streit
- Karl Storz
- Medcom
- MMS
- Neoplas Tools
- Ocular Instruments
- orlvision
- Philips
- Samsung
- Siemens Healthcare
- SonoSite Fujifilm
- Toshiba
- Unisensor
- Verathon

Easy to use – The Tristel Trio Wipes System ensures the highest standard of decontamination



The first step in the decontamination process 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.



The second step in the decontamination process 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 30 seconds.



The third 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.

CE • Class I Medical Device
• Patent number: GB 2 413 765

CE • Class IIb Medical Device
0086 • Patent number: GB 2 404 337 B

CE • Class I Sterile Device
0086 • Patent number: GB 2 404 337 B
STERILE

Chlorine dioxide

The Tristel Trio Wipes System utilises Tristel's proprietary chlorine dioxide chemistry (ClO₂), a well-documented and highly effective biocide. ClO₂ is a strong oxidant whose germicidal characteristics are well known. It can oxidise lipids and proteins present in bacterial and fungal cell membranes, leading to a loss in membrane integrity and ultimately cell death. ClO₂ can also penetrate cells and degrade nucleic acids via an oxidative pathway. Similar mechanisms are responsible for the ability of ClO₂ to inactivate viral particles.

Applications

The Tristel Trio Wipes System is designed specifically for the decontamination of non-lumened medical devices, such as:

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

Tristel's chlorine dioxide chemistry is proven to work

It is well-documented in various national and international guidelines, publications and case studies:

- *Is a chlorine dioxide wiping procedure suitable for high-level disinfection of nasendoscopes.* The Journal of Infection Prevention. N. Loukili, N. Lemaitre, B. Guery, O. Gaillot, D. Chevalier and G. Mortuaire, October 2016.
- *Capital Radiology find compliance, speed and efficacy with Tristel.* The Clinical Services Journal, April 2016.
- *Promoting Excellence in Ultrasound.* Australasian Society for Ultrasound in Medicine. September 2015.
- *Decontamination methods for flexible nasal endoscopes.* F. Javed, S. Sood, G Banfield. British Journal of Nursing, August 2014.
- *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 & Otolaryngology / Volume 126 / Issue 08 / August 2012, pp 809-814.
- *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.
- *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.
- *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/peracetyl ions) for use with flexible nasoendoscopes.* Mr Brandon Hitchcock FRACS (Consultant Otolaryngologist) and Mrs Sonia Moynan (Research Nurse NZRN).
- *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 Transoesophageal Echocardiography Probe Cleaning and Disinfection from the British Society of Echocardiography.* Kanagala P, Bradley C, Hoffman P, Steeds RP. October 2011.
- *Guidelines for reprocessing non-lumened heat sensitive ENT endoscopes.* M. Cavaliere, M. Iemima. Struttura Complessa di Otorinolaringoiatria, Azienda Ospedaliera Universitaria "San Giovanni di Dio e Ruggi d'Aragona", Salerno. Argomenti di ACTA otorinolaryngologica italiana 2010; 4: 6-17.
- *Guidance on the decontamination and sterilization of rigid and flexible endoscopes.* Andrew C. Swift. ENT UK, 2010.
- *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.
- *The decontamination of nasendoscopes, TOE and ultrasound probes and non-lumened medical devices.* HCA International Limited. 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.
- *Audit of Nasendoscope Disinfection Practice.* I. Street, J. Hamann, M. Harries. Surgeon, 1 February 2006 11-13.

For more supporting data for the Sporidical Wipe such as Safety Data Sheets (SDS), efficacy reports, material compatibility statements and toxicological studies, please visit www.tristel.com.

Product options



Tristel Trio Wipes System

1 box of 3 x 50 wipes and
1 x 100ml Activator Foam/box



Tristel Pre-Clean Wipes

50 wipes/box



Tristel Sporidical Wipes

50 wipes and
1 x 100ml Activator Foam/box



Tristel Rinse Wipes

50 wipes/box

Tristel

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