Tristel Trio™
Wipes System

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

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

**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
- 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

**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.
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.

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.

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
- Opthalmic instruments

Tristel’s chlorine dioxide chemistry is proven to work:

- 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 nasendoscopes. 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.

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