

TRISTEL TRIO WIPES SYSTEM

Trusted manual decontamination.
Right where you need it.

THE GOLD STANDARD OF MANUAL DECONTAMINATION



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ABOUT TRISTEL TRIO WIPES SYSTEM

The world's most widely approved, validated and used high-level disinfection wipes system for heat-sensitive, non-lumened medical devices used across healthcare environments.

QUICK
Sporicidal, mycobactericidal, virucidal, fungicidal and bactericidal in a short, uniform contact time of **30 seconds**.

REPEATABLE
Individually packaged wipes to ensure **consistency** and **reliability** of dosing and concentration, with **no variation**.

MOBILE
Point-of-care decontamination eliminating the need for central sterilisation units and saving valuable time, and reducing risks of damaging or losing medical devices.

COMPATIBLE
With **non-lumened** medical devices.

COMPLETE
Cleaning, high-level disinfection, rinsing and traceability, offering the full **gold-standard process**.

COMPLIANT
With guidelines and EN standards, including **both** EN 17126 and EN 17846 sporicidal tests.

UK MANUFACTURED
Leading to a more reliable supply chain and a lower carbon footprint.

How does the Tristel Trio Wipes System work?



CLEAN
Tristel Pre-Clean Wipe



HIGH-LEVEL DISINFECT
Tristel Sporicidal Wipe



RINSE
Tristel Rinse Wipe



TRACE
3T Compliance Platform*

*Also available with paper audit trail book.

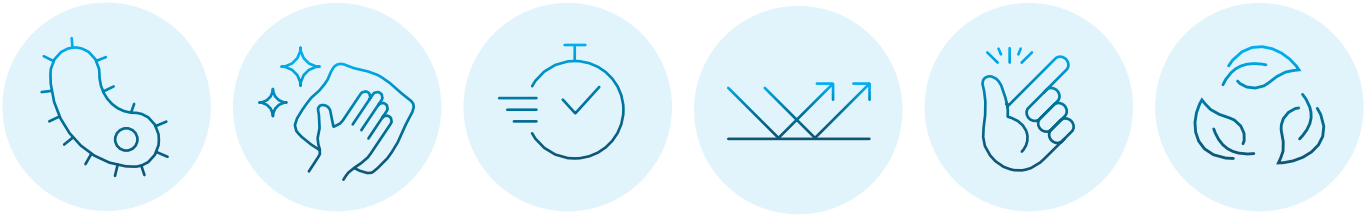
WE HAVE CHEMISTRY

Tristel Chlorine Dioxide

Tristel's proprietary chlorine dioxide (ClO_2) chemistry is trusted globally in healthcare settings for its fast-acting, easy-to-use and effective disinfection across diverse medical fields.

ClO_2 eliminates pathogens through electron exchange, stealing electrons from the microorganism's structures. Due to this reaction mechanism, microorganisms cannot develop resistance.

Tristel's ClO_2 chemistry is designed to work with innovative delivery systems to facilitate simple, but effective point of use disinfection, ensuring exceptional efficacy. Tristel's proprietary chlorine dioxide chemistry has a broad spectrum of biocidal efficacy and is proven effective against bacteria, bacterial spores, mycobacteria, enveloped and non-enveloped viruses, fungi and yeast.



Broad Spectrum | **Cleaning Properties** | **Fast Acting** | **Prevents the Spread of AMR Pathogens** | **Ease of Use** | **Degrades into Salts & Water**

Why generate chemistry at the point of use?

Generating our chemistry at the point of use ensures peak potency of ClO_2, delivering maximum effectiveness when it matters most. This also supports a significantly longer shelf life, as the chemistry remains stable until activation.

By activating at the point of use, we enable **reliable**, **controlled dosing** and minimise degradation over time, ensuring **consistent performance with every use**.

1 REDUCES MICROBIAL LOAD IMMEDIATELY

Performing disinfection at the point of use significantly lowers the number of microorganisms on instruments right after a procedure, reducing infection risk and bioburden early.

2 PREVENTS BIOFILM FORMATION

Biofilm forms when organic material dries on an instrument's surface and becomes resistant to cleaning and sterilisation steps. Point-of-care cleaning and disinfection prevent this by keeping instruments moist and removing debris early.

3 PREVENTS PATHOGENS SPREADING

Professional bodies like Association of periOperative Registered Nurses (AORN), Association for the Advancement of Medical Instrumentation (AAMI) and Association of Surgical Technologists (AST) endorse point-of-care instrument care as a standard best practice in safe reprocessing workflows.

Why High-Level Disinfect?

Decontamination of medical devices is critical when it comes to preventing hospital acquired infections (HAIs), but why should you high-level disinfect?

The Spaulding Classification determines the appropriate level of disinfection for medical devices, depending on the degree of risk of infection when used (critical, semi-critical and non-critical).[1]

Across many healthcare procedures, medical devices, even those considered "non-critical", frequently contact mucous membranes or compromised tissue. That contact raises infection risk, making high-level disinfection (HLD) essential to prevent cross-contamination and HAIs.

Category	Device Application		Required Level of Disinfection
CRITICAL	Contact with the bloodstream or sterile tissues.	Surgical instruments, e.g. scalpels, tweezers, scissors, kidney dishes and clamps.	**Sterilisation** Eliminates all forms of microbial life
SEMI-CRITICAL	Contact with mucous membranes or non-intact skin.	Laryngoscopes, flexible ENT endoscopes, TOE/ TEE probes, Ultrasound probes which come into contact with mucous membrane or non-intact skin.	**High-Level Disinfection** Destroys all vegetative microorganisms, mycobacteria, enveloped and non-enveloped viruses, fungal spores and some bacterial spores.
NON-CRITICAL	Contact with intact skin.	Ultrasound Probes which do not come into contact with non-intact skin or mucous membrane.	**Intermediate-Level Disinfection** Destroys mycobacteria, most viruses, most fungi and bacteria.
		Stethoscopes and blood pressure cuffs.	**Low-Level Disinfection** Destroys most bacteria, some viruses and some fungi.

Please note *Tristel Trio Wipes System is a process for high-level disinfection, and is only suitable for the disinfection of non-lumened semi-critical and non-critical devices.*

CLEAN
TRISTEL PRE-CLEAN WIPE

The essential first step in medical device decontamination.

Tristel Pre-Clean Wipes are individually packaged wipes designed to remove soiling and organic matter from medical devices, ensuring optimal conditions for high-level disinfection.

Effective Surface Cleaning

- ✓ Impregnated with a low-foaming surfactant and triple-enzymatic detergent
- ✓ Breaks down proteins, lipids and carbohydrates



Cleaning Efficacy

Test Method	Device/Surface Material	Soiling Marker	Acceptance criteria	Result
ISO 15883-5	Ultrasound Transducer	Haemoglobin	No visible soiling ≤2.2 µg/cm²	PASS
		Carbohydrate	No visible soiling ≤1.8 µg/cm²	PASS
ISO 15883-5	Stainless Steel 304	Protein	No visible soiling ≤6.4 µg/cm²	PASS



HIGH-LEVEL DISINFECT
TRISTEL SPORICIDAL WIPE

For rapid and reliable high-level disinfection of non-lumened medical devices.

When combining the wipe with the Tristel Activator Foam, Tristel Sporicidal Wipe generates Tristel's proprietary chlorine dioxide chemistry, delivering powerful, fast and effective disinfection in **only 30 seconds.**

Benefits of using a foam:

- ✓ Reaches crevices and indents on medical devices
- ✓ Encapsulates chlorine dioxide to maintain contact with the surface
- ✓ Greater visibility of application
- ✓ Reduced run-off compared to liquids





EXCEPTIONAL EFFICACY



Standard	Organism Type	Organism
EN 17126 (P2, S1)	Bacterial spores	*Bacillus subtilis*
		Bacillus cereus
		Clostridioides difficile
EN 17846 (P2, S2)	Bacterial spores	*Clostridioides difficile*
EN 14348 (P2, S1)	Mycobacteria	*Mycobacterium terrae*
		Mycobacterium avium
EN 14476 (P2, S1)	Viruses	Poliovirus
		Adenovirus
		Murine Norovirus
EN 13624 (P2, S1)	Fungi	*Aspergillus brasiliensis*
	Yeasts	*Candida albicans*
EN 16615 (P2, S2)	Yeasts	*Candida albicans*
EN 13727 (P2, S1)	Bacteria	*Staphylococcus aureus*
		Pseudomonas aeruginosa
		Enterococcus hirae
EN 16615 (P2, S2)	Bacteria	*Staphylococcus aureus*
		Pseudomonas aeruginosa
		Enterococcus hirae

Phase 2, Step 1: P2, S1 and Phase 2, Step 2: P2, S2
According to the acceptance criteria of the European standard:
Bacterial spores, mycobacteria, fungi, yeast and viruses: ≥4 $\log_{10}$ reduction.
Bacteria: ≥5 $\log_{10}$ reduction.
Additional requirement for 4-field tests: F2-F4 <50 cfu/cm²

RINSE
TRISTEL RINSE WIPE

The last step in medical device decontamination.

A non-woven wipe impregnated with deionised water and low antioxidant content which is packed and then sterilised by gamma-irradiation. The wipe is designed to remove any remaining chemical residues from the surface of the medical device.

Why do you need a rinse step?

- ✓ Eliminates residual disinfectant chemicals following the high-level disinfection step
- ✓ Prepares the device for the next patient or for storage in accordance with the Instructions for Use
- ✓ Completes the fully integrated clean–disinfect–rinse process





3T™ TRACEABILITY



A Smarter Way to Track Compliance

The widely used Quality Audit Trail Record Book can be provided with the Tristel Trio Wipes System and supports a reliable method of documenting each disinfection event, ensuring traceability for the full decontamination process.

3T enhances the same workflow with a digital approach, designed to make traceability even more efficient, accessible and sustainable.

3T combines an intuitive mobile app for use at the point-of-care with an interactive web portal. It provides users with a valuable tool for record and traceability of device reprocessing.

3T guides users through the device reprocessing steps, tracking each event and making the record available to view in real time.

Reporting made simple

Aggregated data from device reprocessing events are securely stored and can be found across interactive dashboards, allowing administrators to view and share customised reports.



Learn more

Scan the QR code to find out more.

TRAINING



To assist users with understanding of Tristel products and their use, Tristel developed the Tristel 3T Training Platform.

The Tristel 3T Training Platform provides users an on-demand online access to training videos and certificates.

Online access gives users flexibility to integrate learning into their busy schedule and allows managers to track records of team engagement and training status.

ENGAGING TUTORIAL VIDEOS

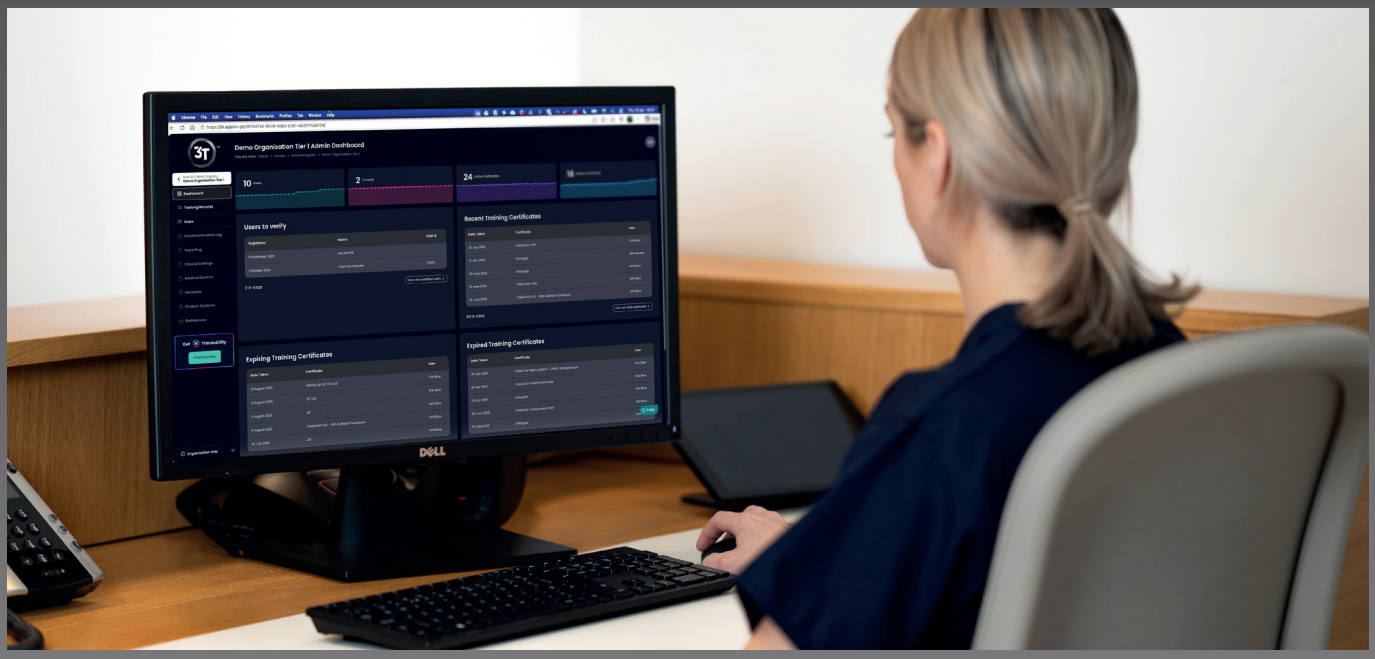
Dive into our comprehensive training videos, crafted by our experts to help you master the use of Tristel Trio Wipes System, and other innovative products.

INTERACTIVE ASSESSMENTS

Test your knowledge with our product-specific questionnaires.

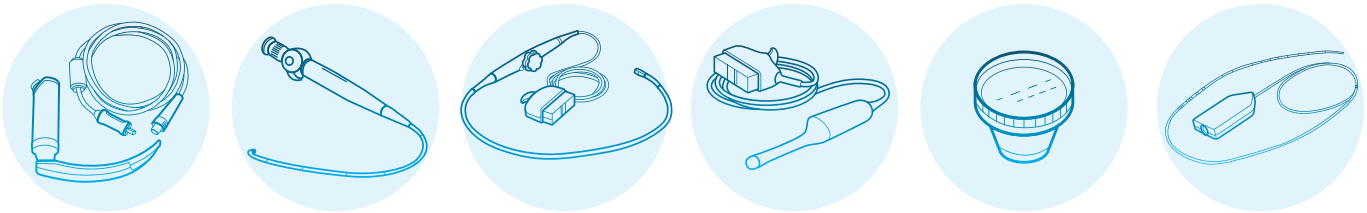
BECOME CERTIFIED

Achieve perfection in your responses and earn a personalised training certificate.



APPLICATIONS

Tristel Trio Wipes System is suitable for use on heat-sensitive, non-lumened, semi-critical medical devices, and can be used in many applications across healthcare.



ENT

ENT devices such as nasendoscopes and laryngoscopes come into contact with mucous membranes and tissues of the ear, nose and throat, creating a route of transmission for pathogens. Effective high-level disinfection between patients is essential to reduce this risk of cross-contamination.

Tristel Trio Wipes System has been independently tested against the microorganisms responsible for many ENT infections.

Ears

Pseudomonas aeruginosa

Pseudomonas aeruginosa is a clinically significant pathogen in ENT settings and the primary cause of Malignant Otitis Externa, a severe infection affecting the external ear canal and skull base.

As a biofilm-forming organism commonly found in moist environments, it can persist on inadequately disinfected medical devices. The condition occurs most frequently in diabetic and immunocompromised patients.

Did you know?

Malignant Otitis Externa has been associated with reported mortality rates of approximately 18% in published analyses.[2]

Nose & Sinuses

Aspergillus & *Mucorales* spp.

Fungi including *Aspergillus* and *Mucorales* species can cause Invasive Fungal Rhinosinusitis, a rapidly progressive infection seen primarily in immunocompromised patients.

Did you know?

Published mortality rates for Invasive Fungal Rhinosinusitis have been reported between 20–80%.[3]

Throat

Streptococcus pyogenes

Streptococcus pyogenes (Group A *Streptococcus*) is a common cause of pharyngitis and tonsillitis, and can be transmitted via contaminated laryngoscopes and nasendoscopes that come into contact with the oropharyngeal mucosa. While most infections are mild, the same organism can occasionally cause severe, invasive disease.

Did you know?

Invasive Group A Streptococcal infections carry a case-fatality rate of around 13–15%, rising to over 50% in cases complicated by streptococcal toxic shock syndrome.[4]

APPLICATIONS

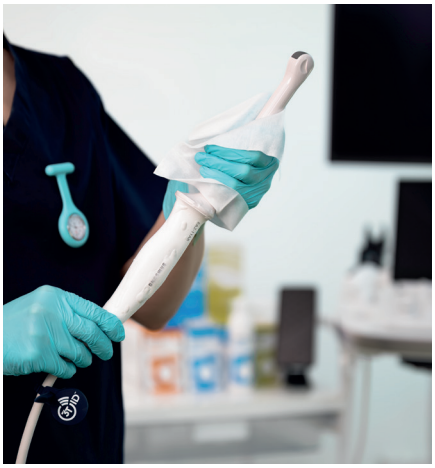
HPV in ENT and Ultrasound

Human Papillomavirus (HPV) Types 16 and 18 pose a risk that extends across multiple clinical disciplines. Transmitted via mucosal contact, these strains are strongly linked to cervical, anogenital and oropharyngeal cancers. They can also be spread through contaminated medical devices that come into direct contact with mucosal surfaces, including nasendoscopes in ENT and transvaginal ultrasound probes in obstetrics and gynaecology.

Did you know?

HPV-16 alone accounts for around 90% of HPV-positive oropharyngeal cancers, and HPV is linked to a rising number of throat cancers in non-smokers.[5] HPV 16 and 18 together are also responsible for around 70% of cervical cancer cases worldwide.[6,7,8]

ULTRASOUND



Obstetrics & Gynaecology

Transvaginal ultrasound probes are in direct contact with vaginal mucosa during examination, creating a route of transmission for numerous microorganisms. Tristel Trio Wipes System has been extensively tested and proven to be vital in the prevention of infections within gynaecology and obstetrics.

A 2020 study by Meyers et al. found that Tristel Trio Wipes System successfully inactivated HPV Types 16 and 18 on a contaminated transvaginal ultrasound probe within just 30 seconds.[9]

Sexually Transmitted Infections (STIs)

Human Immunodeficiency Virus (HIV)

HIV is a virus that attacks the immune system, specifically targeting CD4 cells, and is the cause of AIDS. Without treatment, HIV significantly weakens the body's ability to fight infections.

Did you know?

In 2023, an estimated 630,000 people died from HIV related illnesses, and approximately 1.3 million people acquired HIV.[10]

Gardnerella vaginalis

Gardnerella vaginalis is a bacterium most frequently associated with Bacterial Vaginosis (BV), a condition resulting from an imbalance of the normal vaginal microbiota.

Did you know?

BV affects an estimated 23–29% of women of reproductive age globally.[11]

Candida albicans

Candida albicans is a yeast that normally lives harmlessly in the body but can overgrow under certain conditions, causing Thrush (vulvovaginal candidiasis), an inflammatory infection of the vulva and vagina.

Did you know?

Candida albicans accounts for around 70% of fungal infections worldwide, and invasive infections carry a mortality rate approaching 40%.[12]

APPLICATIONS

IVF

With an average of four transvaginal ultrasound scans per IVF treatment course[13], you need to be confident in your high-level disinfectant. Tristel Trio Wipes System is an ideal disinfectant for use in in vitro fertilisation (IVF) settings.

The **Mouse Embryo Assay** (MEA) evaluates the potential toxicity of the disinfectant by assessing its impact on embryo development.

The **Human Sperm Survival & Motility Assay** (HSSA/SMA) determines the effect of the disinfectant on sperm motility and viability over time.

CARDIOLOGY

Staphylococcus aureus, *Streptococcus* spp. & *Enterococcus* spp.

Staphylococcus aureus, *Streptococcus* spp., and *Enterococcus* spp. are the bacteria most commonly responsible for Endocarditis, an infection of the heart's inner lining or valves.

These organisms are common colonisers of the skin and oral cavity, making inadequately disinfected TOE probes a plausible route of transmission, particularly in patients with prosthetic valves or structural heart disease. Left undiagnosed or untreated, Endocarditis can lead to valve destruction, heart failure, or systemic embolism.

Did you know?

Between 2010 and 2021, global prevalence of endocarditis rose by **40.1%**, reaching more than **400,000 cases** in 2021.[14]



APPLICATIONS

OPHTHALMOLOGY

Ophthalmic devices are often exposed to potentially harmful microorganisms because they are used near or in direct contact with the eye's surface. This exposure elevates the risk of transmitting pathogens that may lead to serious infections.

Tristel Trio Wipes System has been proven effective against the below microorganisms which are prominent in ophthalmology.



Acanthamoeba castellanii cysts

Acanthamoeba is a free-living amoeba frequently found in soil, water, and occasionally in contact lens solutions. Its cyst form is notably resistant to environmental stressors. The primary concern with this organism is its association with Acanthamoeba keratitis, a serious infection that occurs when amoeba infects the cornea.

Did you know?

A 7-year nationwide survey found that Acanthamoeba keratitis led to treatment failure, defined as significant vision loss or the need for a corneal transplant, in 39% of cases.[15]

Adenovirus

Adenovirus is the leading cause of viral conjunctivitis, one of the most common eye infections encountered in primary and ophthalmic care. It is highly contagious and can be transmitted through direct contact, contaminated surfaces, and ophthalmic instruments used during eye examinations.

Did you know?

Adenovirus is responsible for an estimated 65–90% of all viral conjunctivitis cases.[16]

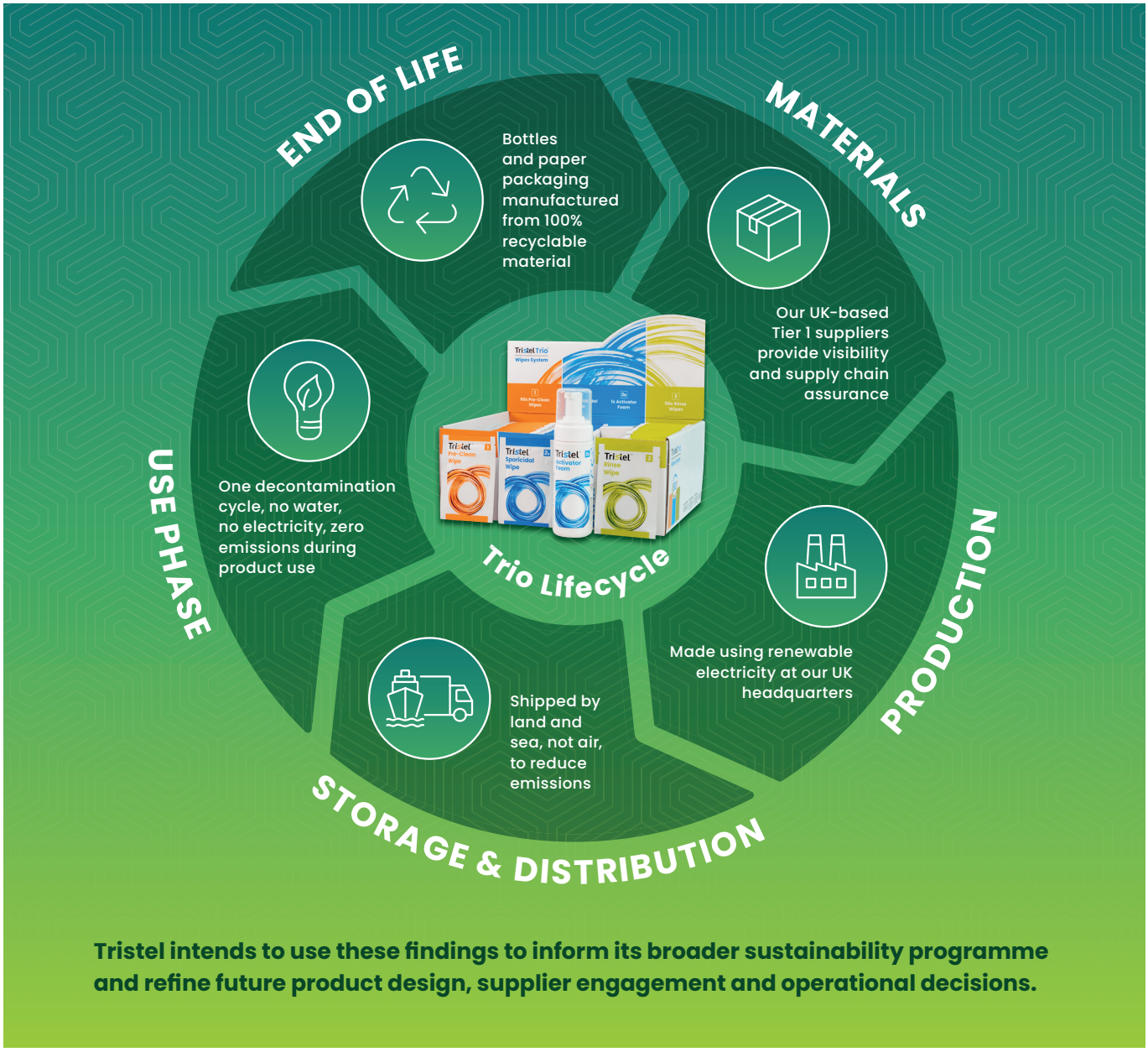
SUSTAINABILITY

Responsible by Design. Powerful by Performance.

As healthcare providers face increasing pressure to reduce their environmental impact, Tristel is committed to helping customers meet their own sustainability goals without compromising on decontamination performance.

Independently Verified

Tristel has completed its first ISO 14067-certified Product Carbon Footprint for Trio 50, getting ahead of the NHS's 2027 Net Zero Supplier Roadmap milestone, which will require suppliers to publicly report their emissions and carbon reduction plans.



Tristel intends to use these findings to inform its broader sustainability programme and refine future product design, supplier engagement and operational decisions.

ANTIMICROBIAL RESISTANCE

Antimicrobial resistance (AMR) is a critical global healthcare challenge, as microorganisms continue to evolve, rendering treatments for common infections less effective. This leads to increased healthcare costs, prolonged patient recovery times, and higher mortality rates.

Based on estimates across 204 countries and territories, new forecasts from the Global Research on Antimicrobial Resistance (GRAM) Project suggest that bacterial antimicrobial resistance (AMR) will cause **39 million deaths between 2025 and 2050 – which equates to three deaths every minute.**[17]

Tristel Trio Wipes System has been specifically tested against pathogens with known antibiotic resistance mechanisms, helping to prevent the spread of antimicrobial resistant organisms.

ClO_2 eliminates pathogens through electron exchange, stealing electrons from the microorganism's structures. **Due to this reaction mechanism microorganisms cannot develop resistance.**

39 million

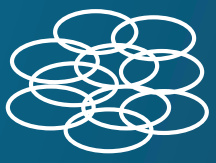
deaths between 2025 and 2050 – which equates to three deaths every minute.



Clostridioides difficile



Methicillin-resistant *Staphylococcus aureus* (MRSA)

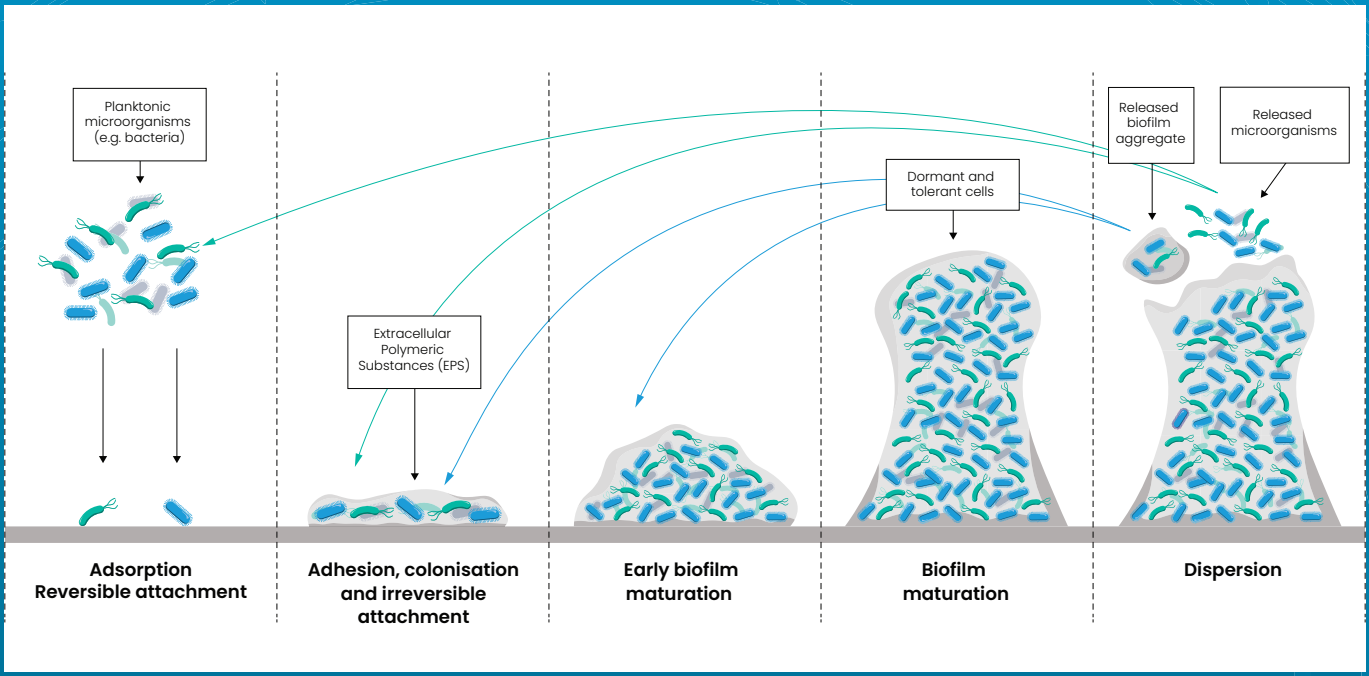


Vancomycin-resistant Enterococci (VRE) *Enterococcus faecium*

BIOFILMS

Biofilms are a significant issue in hospitals, they can provide a protective environment for microorganisms, allowing them to survive in harsh conditions, including exposure to disinfectants and antibiotics. These complex communities of microorganisms adhere to surfaces such as medical devices and general surfaces, making the microorganisms particularly difficult to eliminate.

Bacteria living in a biofilm exhibit a 10 to 1,000-fold increase in resistance to antibiotics compared to their planktonic counterparts.[18]



Biofilms can lead to persistent infections, increased resistance to treatments and a heightened risk of cross-contamination. Their presence on medical equipment, environmental surfaces and within environments such as water systems can also contribute to hospital-acquired infections (HAIs), posing a serious risk to patient safety.

It's estimated that around 65-80% of Hospital Acquired Infections are linked to biofilms.[19,20]

Tristel Trio Wipes System has been specifically tested for its efficacy against both wet and dry biofilms, ensuring your product is effective in these environments.

65-80%
of Hospital Acquired Infections are linked to biofilms.

COMPATIBILITY

With Major Manufacturers

Tristel Trio Wipes System has been tested and proven with the instruments of major manufacturers, including:

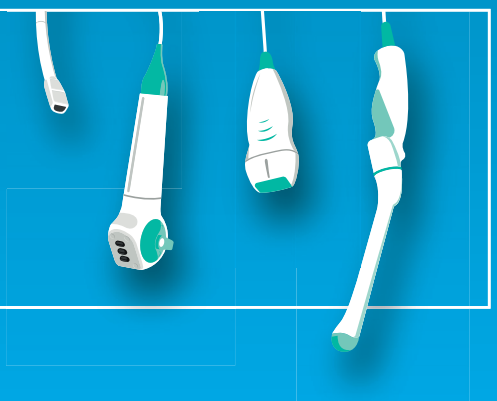
- AAM Healthcare*
- Acutronic*
- Advanced Tactile Imaging
- Airtraq*
- Arthrex
- ATMOS MedizinTechnik
- BD
- BK Medical
- Butterfly Network
- Canon Medical Systems
- Carestream
- Clarius Mobile Health
- Clarus Medical
- DWL Compumedics
- Echosens
- Ecleris
- Esaote
- Exact Imaging
- Fisher & Paykel
- FUJIFILM
- FUJIFILM SonoSite
- GE Healthcare
- Haag Streit
- Happersberger Otopront
- HEINE Optotechnik
- Karl Storz
- KOELIS
- Laborie
- Lasering srl
- Machida Endoscope Co.
- Mammotome
- MCube
- Medcon
- Mindray
- Ocular Instruments
- Optim LLC
- Orlvision
- Penlon
- Pentax
- Philips
- Phoenix Technology Group / NeoLight
- Polydiagnost
- Pure Phantom Imaging
- Samsung Healthcare
- Sibbo Medical Devices
- Siemens Healthineers
- Sonoscape*
- Southern Scientific / Care Wise
- Suowei
- Terason
- Thor Medical Photomedicine
- tic Medizintechnik
- Verathon
- Vygon
- Xion Medical
- Zeiss*

** Compatible with the Tristel Sporicidal Wipe as part of the Tristel Trio Wipes System.*

Compatibility Checker

See if your device is compatible with Tristel Trio Wipes System using our Compatibility Checker.

Visit: tristel.com/product-compatibility



HOW TO ORDER

Ordering Information

Tristel Trio Wipes System

Product Code (With Audit Trail Book): TSL030601

NHSSC Code: FAL14406

Product Code (Without Audit Trail Book): TSL032001

The Pre-Clean Wipe is classified as a Class I Medical Device according to UK and EU MDR.
The Sporicidal Wipe is classified as a Class IIb Medical Device according to UK and EU MDR.
The Rinse Wipe is classified as a Class Is Medical Device according to UK and EU MDR.
Tristel Trio Wipes System is classified as a Class IIb Medical Device Procedure pack according to UK and EU MDR.

Scan to Order

Contact your local representative today



REFERENCES

1. CDC Infection Control (2008). A Rational Approach to Disinfection and Sterilization. [online] CDC Infection Control. Available at: https://www.cdc.gov/infection-control/hcp/disinfectionsterilization/rational-approach.html

2. Aljariri, A.A., Al-Qudimat, A.R., Hammoud, R., Nashwan, A.J., Larem, A.Y., Al Darwish, M.B., Abdulkarim, H., Hamad, Y., Khair, Y.M., Makawi, A.S., Ahmed, H.H., Asaadi, A., Alqahtani, A. and Abujaber, A.A. (2025). Mortality of malignant otitis externa: A prevalence meta-analysis. Qatar Medical Journal, 2025(2), 53. doi:https://doi.org/10.5339/qmj.2025.53

3. Kurokawa, M., Kurokawa, R., Baba, A., Kim, J., Tournade, C., Mchugh, J., Trobe, J.D., Srinivasan, A., Bapuraj, J.R. and Moritani, T. (2022). Deadly Fungi: Invasive Fungal Rhinosinusitis in the Head and Neck. RadioGraphics, 42(7), pp.2075–2094. doi:https://doi.org/10.1148/rg.220059

4. O'Loughlin, R.E., Roberson, A., Cieslak, P.R., Lynfield, R., Gershman, K., Craig, A., Albanese, B.A., Farley, M.M., Barrett, N.L., Spina, N.L., Beall, B., Harrison, L.H., Reingold, A. and Van Beneden, C. (2007). The Epidemiology of Invasive Group A Streptococcal Infection and Potential Vaccine Implications: United States, 2000–2004. Clinical Infectious Diseases, 45(7), pp.853–862. doi:https://doi.org/10.1086/521264

5. Nichols, A.C., Dhaliwal, S.S., Palma, D.A., Basmaji, J., Chapeskie, C., Dowthwaite, S., Franklin, J.H., Fung, K., Kwan, K., Wehrli, B., Howlett, C., Siddiqui, I., Salvadori, M.I., Winquist, E., Ernst, S., Kuruvilla, S., Read, N., Venkatesan, V., Todorovic, B., Hammond, J.A., Koropatnick, J., Mymryk, J.S., Yoo, J. and Barrett, J.W. (2013). Does HPV type affect outcome in oropharyngeal cancer? Journal of Otolaryngology – Head & Neck Surgery, 42(1), 9. doi:https://doi.org/10.1186/1916-0216-42-9

6. Burd, E.M. (2003). Human Papillomavirus and Cervical Cancer. Clinical Microbiology Reviews, [online] 16(1), pp.1–17. doi:https://doi.org/10.1128/cmr.16.1.1-17.2003.

7. World Health Organization (2024a). Cervical cancer. [online] World Health Organization. Available at: https://www.who.int/newsroom/fact-sheets/detail/cervical-cancer.

8. NHS Inform (2023). Cervical cancer symptoms and treatments. [online] NHS Inform. Available at: https://www.nhsinform.scot/illnesses-and-conditions/cancer/cancer-types-in-adults/cervical-cancer/.

9. Meyers, C., Milici, J. and Robison, R. (2020). The ability of two chlorine dioxide chemistries to inactivate human papillomavirus-contaminated endocavitary ultrasound probes and nasendoscopes. Journal of Medical Virology. doi:https://doi.org/10.1002/jmv.25666.

10. World Health Organization (2024b). HIV and AIDS. [online] World Health Organization. Available at: https://www.who.int/newsroom/fact-sheets/detail/hiv-aids.

11. World Health Organization (2023). Bacterial vaginosis. [online] www.who.int. Available at: https://www.who.int/news-room/factsheets/detail/bacterial-vaginosis.

12. Talapko, J., Juzbašić, M., Matijević, T., Pustijanac, E., Bekić, S., Kotris,I. and Škrlec, I. (2021). Candida albicans—The Virulence Factors and Clinical Manifestations of Infection. Journal of Fungi, 7(2), p.79. doi:https://doi.org/10.3390/jof7020079.

13. Robertson, I., Chmiel, F.P. and Cheong, Y. (2020). Streamlining follicular monitoring during controlled ovarian stimulation: a data-driven approach to efficient IVF care in the new era of social distancing. Human Reproduction. doi:https://doi.org/10.1093/humrep/deaa251.

14. Lin, L., Xu, J., Chai, Y. and Wu, W. (2025). Global, regional, and national burden of infective endocarditis from 2010 to 2021 and predictions for the next five years: results from the Global Burden of Disease Study 2021. BMC Public Health, 25, 1115. doi:https://doi.org/10.1186/s12889-025-22100-z.

15. Randag, A.C., van Rooij, J., van Goor, A.T., Verkerk, S., Wisse, R.P.L., Saelens, I.E.Y., Stoutenbeek, R., van Dooren, B.T.H., Cheng, Y.Y.Y. and Eggink, C.A. (2019). The rising incidence of Acanthamoeba keratitis: A 7-year nationwide survey and clinical assessment of risk factors and functional outcomes. PLoS ONE, 14(9), e0222092. doi:https://doi.org/10.1371/journal.pone.0222092

16. Watson, S., Carbrera-Aguas, M. and Khoo, P. (2018). Common eye infections. pp.67–72. doi:https://doi.org/10.18773/austprescr.2018.016.

17. Naghavi, M., Vollset, S.E., Ikuta, K.S., Swetschinski, L.R., Gray, A.P., Wool, E.E., Robles Aguilar, G., Mestrovic, T., Smith, G., Han, C., Hsu, R.L., Chalek, J., Araki, D.T., Chung, E., Raggi, C., Gershberg Hayoon, A., Davis Weaver, N., Lindstedt, P.A., Smith, A.E. and Altay, U. (2024). Global Burden of Bacterial Antimicrobial Resistance 1990–2021: a Systematic Analysis with Forecasts to 2050. The Lancet, [online]404(10459). doi:https://doi.org/10.1016/s0140-6736(24)01867-1.

18. Romeo, T. and Springerlink (Online Service (2008). Bacterial Biofilms. Berlin, Heidelberg: Springer Berlin Heidelberg.

19. Ledwoch, K., Dancer, S.J., Otter, J.A., Kerr, K., Roposte, D., Rushton, L., Weiser, R., Mahenthiralingam, E., Muir, D.D. and Maillard, J.-Y. (2018). Beware biofilm! Dry biofilms containing bacterial pathogens on multiple healthcare surfaces; a multi-centre study. Journal of Hospital Infection, 100(3), pp.e47–e56. doi:https://doi.org/10.1016/j.jhin.2018.06.028.

20. Maillard, J.-Y. and Centeleghe, I. (2023). How biofilm changes our understanding of cleaning and disinfection. Antimicrobial Resistance and Infection Control, [online] 12(1), p.95. doi:https://doi.org/10.1186/s13756-023-01290-4.



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