

# WHY DISINFECT WHEN YOU CAN TRISTEL?

“To date, we haven’t found anything that matches the Tristel Trio Wipes System.”\*

\*Since partnering with Tristel in 2012, the team at Capital Radiology have been able to ensure compliant, fast, reliable and economical decontamination of **intracavity ultrasound probes**.  
To read the full case study go to our website via this link: [bit.ly/CapRad](http://bit.ly/CapRad).\*

## TRISTEL IS THE FASTEST HIGH-LEVEL DISINFECTANT ON THE MARKET



Tristel Trio Wipes System (TWS)\*



UV-C Unit (UV-C)\*



Benchtop Hydrogen Peroxide Unit (BHP)\*



OPA Soak System (OPA)\*

### TRISTEL TICKS THE BOXES OTHERS DON'T

Product Name	Includes Pre-Clean & Rinse	Capital Free Set Up	Service Contract Free	Non-corrosive, low-irritant, non-sensitising chemistry
TWS	✓	✓	✓	✓
BHP	✗	✗	✗	✗
OPA	✗	✗	✗	✗
UV-C	✗	✗	✗	N/A

Tristel Trio Wipes System: TWS - Benchtop Hydrogen Peroxide Unit: BHP  
OPA Soak System: OPA - UV-C Unit: UV-C

### TRISTEL DISINFECTS ALL TRANSDUCER SURFACES

Product Name	Nasendoscope	TVUS	TRUS	TOE
TWS	Entire Device	Entire Device	Entire Device	Entire Device
BHP	✗	Body and Handle	Body and Handle	✗
OPA	Insertion Section Only	Insertion Section Only	Insertion Section Only	Insertion Section Only
UV-C (Small)	✗	Body & Handle	Body & Handle	✗
UV-C (Large)	✗	✗	✗	Body, Handle & Partial Cable

Tristel Trio Wipes System: TWS - Benchtop Hydrogen Peroxide Unit: BHP  
OPA Soak System: OPA - UV-C Unit: UV-C

# THE CONSEQUENCES OF IMPROPER DISINFECTION



## HPV RESISTANCE

In a recent study using novel testing methodology to stimulate HPV infection, GTA at both 2.4% and 3.4%, and OPA at 0.55% were ineffective according to testing parameters.<sup>6</sup>

**Tristel has proven to eliminate HPV in real life scenarios.<sup>7</sup>**



## PATIENT FATALITY

In 2012, a patient died in the UK from Hepatitis B-related complications that were linked to an improperly cleaned TOE probe.<sup>5</sup>

**Tristel delivers sporicidal efficacy to the entire device in 30 seconds.**



## MICRO-ORGANISM CONTAMINATION

**75%** of ultrasound cords and **100%** of keyboards are contaminated with pathogenic organisms such as *Staphylococcus sp.*, *Pseudomonas sp.* and *Enterococcus faecium*.<sup>4</sup>

**With the Tristel Trio Wipes System 100% of Transducer surfaces are disinfected.**

**Tristel™**

References: 1: 'Decontamination methods for flexible nasal endoscopes'. British Journal of Nursing, F.Javed, S. Saod, G. Banfield. (22:23 (5), 850-852), July 2014.  
2: 'Evaluation of a Hydrogen Peroxide-Based System for High-Level Disinfection of Vaginal Ultrasound Probes' Journal of Ultrasound in Medicine, Johnson S, Procter M, Bluth E et al. (32:1799-804), October 2013.  
3: <http://www.gallay.com.au/tv-tr-probe-disinfector> (Accessed 04 April 16).  
4: 'Potential risks associated with end ultrasound examination: a microbial perspective.' ASUM National Conference Poster Presentation, Westerway SC, Bassel J, Brockway A et al. September 2014.  
5: 'Response to reports on Hepatitis B.' www.wales.nhs.uk/sitesplus/863/news/22465 (Accessed 04 April 16).  
6: 'Susceptibility of high-risk human papillomavirus type 16 to clinical disinfectants.' The Journal of Antimicrobial Chemotherapy, Meyers J, Ryndock E, Conway M et al. (69, 1546-50), May 2013.  
7: <http://emj.bmj.com/content/30/6/472.abstract> (reply)Emermed. et. 37321 'A total of 50 samples were collected daily over 50 consecutive days between March and May 2013. All samples were HPV DNA negative by PCR performed as previously described' (accessed 09 March 16).  
8: Capital Radiology find compliance, speed and efficacy with Tristel. Tristel Case Study, April 2016.

Contact us at 01638 721 500 & [mail@tristel.com](mailto:mail@tristel.com) • Visit us at [www.tristel.com](http://www.tristel.com) • Follow us at @TristelGlobal