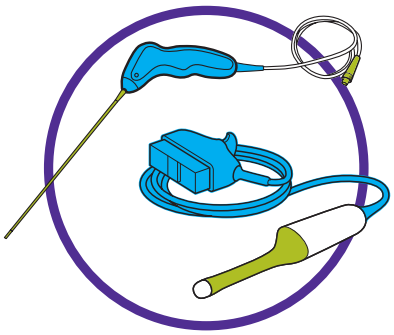
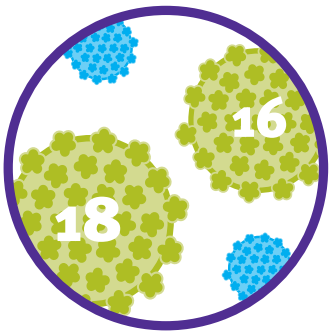
NOVEL TESTING PROVES TRISTEL CHLORINE DIOXIDE EFFECTIVE AGAINST HPV IN 30 SECONDS

MEYERS, C., MILICI, J., ROBISON, R. (2020) 'THE ABILITY OF TWO CHLORINE DIOXIDE CHEMISTRIES TO INACTIVATE HUMAN PAPILLOMAVIRUS-CONTAMINATED ENDOCAVITARY ULTRASOUND PROBES AND NASENDOSCOPES'. PUBLISHED IN THE JOURNAL OF MEDICAL VIROLOGY. READ THE FULL ARTICLE HERE: BIT.LY/HPVARTICLE



Tested on nasendoscopes and endocavity ultrasound probes without sheaths



Tested on HPV Types 16 and 18, the cause of 99% of cervical cancers[1] and over 90% of oropharyngeal cancers[2]

Proven effective in a realistic 30-second contact time

NOT ALL HIGH-LEVEL DISINFECTANTS ARE EFFECTIVE AGAINST HPV![3]

- ✓ **Chlorine dioxide (ClO_2)**
- ✗ Glutaraldehyde (GTA) (24000 and 34000 ppm)
- ✗ Ortho-phthalaldehyde (OPA) (5500 ppm)
- ✗ Peracetic acid (2500 ppm)

TRISTEL TRIO WIPES SYSTEM

For the decontamination of non-lumened semi-critical medical devices

TRISTEL DUO NCU

For skin surface ultrasound probe and equipment disinfection

NOT ALL HPV TESTS ARE PERFORMED EQUALLY

DISINFECTANT CHEMISTRY	PUBLISHED SCIENTIFIC EVIDENCE SHOWING EFFICACY AGAINST HPV?	HOW WAS IT TESTED?	CONTACT TIME TO DESTROY HPV
TRISTEL CHLORINE DIOXIDE (TRIO AND DUO)[4, 5, 6]	✓	WORST-CASE SCENARIO NASENDOSCOPES & ENDOCAVITY ULTRASOUND PROBES WITHOUT SHEATHS	30 sec
ULTRAVIOLET C (UV-C)[7, 8]	✓	SHEATHED PROBE & CARRIER	90 sec
HYDROGEN PEROXIDE[9]	✓	CARRIER	2 min
QUATERNARY AMMONIUM COMPOUND-BASED THREE WIPE SYSTEM	✗	✗	✗
OTHER SURFACE WIPES	✗	✗	✗

References.

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