



# TRIOMED

## Active Surgical and Medical Mask

A critical technological advance in the field of surgical and medical masks: TRIOMED™ incorporates a powerful antimicrobial to control microbiological contamination on the external surface of the mask.

### Key features:

- **Self-Cleaning:** TrioMed Active Surgical and Medical Mask with antimicrobial protection. The outer layer is Activated with TrioMed's antimicrobial technology which decontaminates harmful pathogens that may come in contact with its external surface.
- Ear-loop design offering great comfort for extended periods of time
- Latex free, non-cytotoxic and non-irritating
- Meets EU EN 14683 Type IIR
- Meets USA ASTM F2100 Level 3
- Available sizes: M/L
- Packaging: 50 masks/box & 5 masks/pouch
- 5 year shelf life

### Advantages of the TRIOMED™ Active Surgical and Medical Mask:

- Proven to kill on the external surface at least 99.9% of Staphylococcus aureus MRSA, Streptococcus pyogenes, Enterococcus faecalis VRE, Klebsiella Pneumoniae, Pseudomonas aeruginosa, Escherichia coli, Acinetobacter baumannii, Coliphage virus MS2, and Influenza A H1N1
- Provides >99% Viral Filtration Efficiency (VFE) reducing the potential for airborne transmission of viruses.
- Provides >99% Bacterial Filtration Efficiency (BFE) reducing the potential for exposure to airborne bacteria.
- Fluid resistant at highest level of protection (160 mmHg) meeting the ASTM F1862 Standard to reduce the risk of wearer contact with blood or body fluids.



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**Triomed Active Self-Cleaning Technology kills >99.9% of microorganisms on its external surface.**



**Scientific and clinical studies indicate that the external surfaces of medical devices commonly used in healthcare settings are contaminated with pathogenic bacteria and viruses.**

**On April 2, 2020 The Lancet Microbe published an article demonstrating that the **Coronavirus COVID-19 survives on the external surface of facemasks for up to 7 days.****

**The patented TRIOMED™ technology incorporates a broad-spectrum and powerful Tri-Iodide antimicrobial engineered to reduce the risk of transmission.**

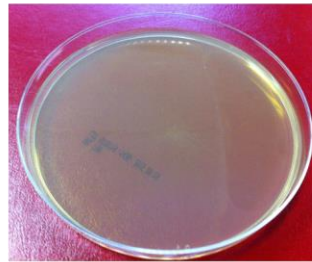
### Surgical Mask Contamination Test

After being worn for 30 min, the external surfaces of both a standard surgical mask and the Triomed Active Surgical & Medical Mask were tested for bacterial contamination.



Commercially available  
Surgical Mask

VS



Triomed  
Active Surgical Mask

**Conclusion:** As evidenced by pictures above, the external surface of the commercially available mask is microbiologically contaminated, while the Triomed Active Mask maintained its microbiological integrity.