

Over the past several years, Hygie® has established itself as a leading innovator of products used to better manage the risk of contamination in healthcare settings. Our latest innovation introduces a new line of products used to prevent infection in the operating room, and was developed in collaboration with the world-renowned European company, Hutchinson Healthcare.

Since 2003, Hutchinson Healthcare has successfully developed a unique, patented technology, which significantly increases the safety of surgical gloves by protecting medical personnel and patients. This technology is based on a unique design for a surgical glove made of synthetic material, incorporating an antimicrobial layer between the inner and outer layers of the glove. When the glove is punctured, an antimicrobial liquid is released, reducing the viral load by 99.99%.

### Did you know?

**17%**

of healthcare professionals have developed latex allergies.

**27%**

of skin reactions in hospital settings are type IV allergies related to chemicals found in synthetic gloves (vulcanizing and accelerating agents).

**18%**

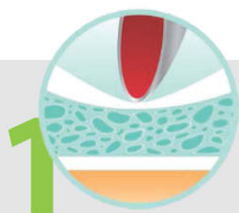
of gloves are micro-perforated during surgery.

**96%**

of occupational contamination is a result of percutaneous accidents.

**15%**

of surgeries are affected by percutaneous accidents.



**1**

**PRESSURE:** The needle depresses the glove's outer layer without puncturing it and the pressure increases rapidly.



**2**

**CONSOLIDATION:** Under increasing pressure the elastomer barriers between the microdroplets give way and the disinfectant liquid converges at the pressure point.



**3**

**RELEASE:** When the needle punctures the glove's outer layer, elastic energy expels the disinfectant liquid, coating the inside of the glove and the surface of the needle.

### Three solutions



Offers protection against the risk of HIV/HCV contamination in case of accidental exposure to blood.



Provides an antimicrobial barrier between patients and healthcare professionals in case of undetected glove micro-perforations.



Helps prevent allergies to latex (type I) and accelerators (type IV).