

Introducing...

HaloGUARD™

Same functionality, improved performance



Single-use protective disc with CHG to reduce microbial impact on the site dressing on patients with IV and other catheters.

Improved absorbency, better wound healing, and superior disc design over market-leading product.

Designed for Healthcare

HaloGUARD™ Protective Disc with CHG (Chlorhexidine Gluconate) has demonstrated in-vitro antimicrobial efficacy against a broad range of organisms known to cause Catheter Related Blood Stream Infections (CRBSI's).

Blood stream infections associated with IV catheters and similar are a common cause of death in US hospitals. The Center for Disease Control (CDC) has recommended the use of 0.5% Chlorhexidine Gluconate on skin at the catheter exit site for the prevention of catheter-related blood stream infections.

HaloGUARD™ is a sterile, single-use disposable disc infused with the antimicrobial agent chlorhexidine gluconate (CHG) to reduce contamination of the dressing by inhibiting microbial growth and colonization of the dressing.

HaloGUARD™ is intended to cover and protect insertion sites on adult patients. Common applications include IV catheters, central venous lines, suction catheters, epidural catheters, PICCs, hemodialysis catheters, orthopedic pins, other intravascular catheters and percutaneous devices. HaloGUARD™ prevents contamination of the dressing by inhibiting microbial growth and colonization of the dressing.

HaloGUARD™ has undergone applicable in vitro, biocompatibility, sterility, and performance testing for safety and effectiveness.



Same Functionality as BioPatch

- Vascular insertion sites
- Preventing contamination of the wound dressing for 7 days (168 hours)
- Biocompatible circular foam disc with center hole and radial slit for ease of placement
- Chlorhexidine gluconate (CHG) Antimicrobial agent consistent with CDC and DOQI guidelines
- Incorporation/infusion through soaking foam in CHG solution
- Broad-spectrum of antimicrobial agent
- 5 log CFU/ml reduction of 8 different target pathogens
- Pyrogen and latex free
- Multiple product sizes
- Sterility assurance level: 10^{-6}
- Film adhesive: Pressure sensitive acrylic



Improved Performance

We asked clinical professionals how to improve discs currently used for this. HaloGUARD™ was designed on the basis of the feedback:

- Beveled edges to reduce potential for catheter kinking and securement
- Softer material to reduce skin irritation/abrasion
- Higher absorbency of foam (38% higher than market-leading product)
- Performed tests of in-vitro Cytotoxicity, irritation and skin sensitization, and chemical characterization
- Better in-vivo wound healing results (by day 21, HaloGUARD compared to BioPatch showed a 63% reduction in observed signs of infection; a 15% smaller wound circumference; 20% less eschar formation and 50% greater re-epithelialization)

Please ask for clinical study and FDA clearance summaries for more detail.

**BOTTOM
LINE**

**10 times more effective compared
to the competition at decreasing
microbial contamination**



CONTACT:

ATTWILL Medical Solutions
Development Drive
Lodi, Wisconsin 53555 USA
608.592.6925