



Same great device...

HaloGUARD™ **BIOPATCH**



Description

PATIENT ANATOMICAL SITE FOR USE OF DEVICE

Vascular insertion sites of other devices (i.e. catheters, etc.) outside the body



MODE OF OPERATION

Antimicrobial foam disc with antimicrobial agent CHG to protect device-related vascular insertion sites



GEOMETRY OF DEVICE

Circular foam disc with center hole and radial slit



TEMPERATURE REQUIREMENTS: 15 to 30°C (59 to 86°F)



ANTIMICROBIAL AGENT: Chlorhexidine gluconate (CHG)



FUNCTION/PURPOSE OF ANTIMICROBIAL AGENT

Prevents contamination of the dressing by inhibiting microbial growth and colonization of the dressing



PHARMACOLOGY OF ANTIMICROBIAL AGENT

CHG provides antiseptic and antimicrobial effect with rapid bactericidal action. CHG has a positive charge that reacts with the negatively charged microbial cell surface and destroys the integrity of the cell membrane.



ANTIMICROBIAL AGENT APPLICATION METHOD TO MEDICAL DEVICE

Incorporation/infusion through soaking foam in CHG solution



SPECTRUM OF ACTIVITY OF ANTIMICROBIAL AGENT

Broad spectrum (works against a wide range of gram-positive and gram-negative bacteria, yeast and mold) antimicrobial agent



TARGET PATHOGENS

- Staphylococcus aureus (MRSA)
- Pseudomonas aeruginosa
- Staphylococcus epidermidis (MRSE)
- Candida albicans
- Vancomycin-Resistant Enterococci (VRE)
- Candida tropicalis
- Enterobacter cloacae
- Klebsiella pneumoniae



AVERAGE CHG CONCENTRATION

Industry standard concentration across sizes



Continued on reverse side...

Same great device... (cont.)



Description	HaloGUARD™	BIOPATCH
PRODUCT SIZE CONFIGURATIONS		
• 1 inch (2.5 cm) disc, 4.0 mm center hole with radial slit	✓	✓
• 1 inch (2.5 cm) disc, 7.0 mm center hole with radial slit		
• 0.75 inch (1.9 cm) disc, 1.5 mm center hole with radial slit		
PYROGEN & LATEX FREE	✓	✓
SINGLE USE & DISPOSABLE	✓	✓
STERILITY ASSURANCE LEVEL (SAL): 10⁻⁶	✓	✓
FILM ADHESIVE: Pressure-sensitive acrylic	✓	✓

...with better features.

	HaloGUARD™	BIOPATCH
DESIGN FEATURES	HaloGUARD™ Protective Disc with CHG is a chlorhexidine gluconate (CHG) infused sterile hydrophilic absorptive foam dressing (disc)	BIOPATCH Protective Disc with CHG is a hydrophilic polyurethane absorptive foam with chlorhexidine gluconate
DEVICE MATERIALS	Medical grade hydrophilic polyurethane foam impregnated with chlorhexidine gluconate (CHG) with a polyether polyurethane film with print	Polyurethane foam impregnated with chlorhexidine gluconate with a nylon reinforced urethane film with print
ABSORBENCY	11 times its own weight in fluid	8 times its own weight in fluid
STERILIZATION METHOD	E-beam Radiation	Ethylene Oxide
MICROBIAL REDUCTION	5 log reduction or greater	4 log reduction
PRODUCT EDGE FINISH	Pinched (beveled)	Straight
PACKAGING	LLDPE film and aluminum foil laminate, non-breathable (suitable for E-beam)	Tyvek/lid is spun bound polyolefin with an adhesive coating, breathable (suitable for ethylene oxide)
MEM ELUTION CYTOTOXICITY	Moderately cytotoxic	Severely cytotoxic



CONTACT:

Integrated Medical Systems, Inc. (IMS)
 Customer Service: 800-755-3800
www.integratedmedsys.com