

BIOPATCH® Protective Disk with CHG Fact Checker



BIOPATCH® Disk



Tegaderm™ CHG

Indicated to reduce catheter related bloodstream infections (CRBSI) in patients with central venous or arterial catheters?	Yes¹	Yes²
Multiple randomized controlled trials demonstrating CRBSI reduction?	Yes	No
Multiple meta-analysis evaluating CRBSIs?	Yes	No
Market share leader in the antimicrobial dressing market?	Yes⁴	No ⁴
Allows clinicians to select from a variety of transparent film manufactures?	Yes	No
Anti-infective dressing contract position with major GPOs?	Yes	No
CHG released when in contact with skin?	Yes¹	Yes³
Provides 360° of protection around vascular and non-vascular devices?	Yes¹	No ³
Allows for migration of CHG to areas not in contact with the dressing?	No ⁵	No ⁵
Utilizes one product design and application methodology for use across multiple vascular and non-vascular devices?	Yes¹	No ⁶
Allows visualization of clinical exit site infection as defined by the CDC?	Yes⁷	Yes⁷
Allows visualization of clinically relevant PIV erythema as defined by INS?	Yes⁸	Yes⁸
Absorbs blood within seconds to maintain a clean insertion site?	Yes⁹	No ⁹
Number of steps for application and removal.	8¹	14³
Requires dressing to be removed and insertion site inspected directly if infection is suspected?	Yes⁸	Yes³
Does not need sterile saline or alcohol swabs for removal per instructions for use.	Yes¹	No ³
Required 2x as much force to remove after 3 days as a transparent film dressing alone?	NA	Yes¹⁰
May cause mechanical skin trauma if applied with tension per IFU?	NA	Yes³
Adverse events per 1,000 days in Timsit study (2009/2012 respectively)?	5¹¹	11¹²

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ORDER CODE	4150	4151	4152
Size	1" disc (2.5cm) w/4.0mm center hole	3/4" disc (1.9cm) w/1.5mm center hole	1" disc (2.5cm) w/7.0mm center hole
FRENCH SIZE RANGE	6-12Fr	<6Fr	13-20Fr
Common Uses	Central Lines PICC	Peripheral IVs Huber Needles (ports) Arterial Lines Extended Dwell PIVs Midlines/PICCs Pins	Dialysis Catheters Drains Sheaths Cordis Catheters VAD drive lines
QUANTITY PER CASE	10/box 4 boxes/case, 40	10/box 4 boxes/case, 40	10/box 4 boxes/case, 40

Please visit www.ethicon.com for Full Prescribing Information.

The third-party trademark used herein is the trademark of the respective owner.

References: **1.** BIOPATCH® Protective Disk with CHG, Instructions for Use, Ethicon Inc. 2012 **2.** 3M™ Health Care. 510(k) Summary K153410, 5/15/17. **3.** 3M™ Tegaderm™ CHG Chlorhexidine Gluconate IV Securement Dressing, Instructions for Use, 3M Health Care. 2014 **4.** BioMedGPS. Vascular Access Adjunct Product - US 2016 Summary. *BioMedGPS, LLC.* 2017 1-28. **5.** About Chlorhexidine - Mechanism of Action. www.chlorhexidinefacts.com. Accessed 4/12/17. **6.** 3M™ Tegaderm™ CHG Chlorhexidine Gluconate IV. Port Dressing, Instructions for Use, 3M Health Care, 2014. **7.** Examples of Clinical Definitions for Catheter-Related Infections. Center for Disease Control and Prevention. www.cdc.gov. Accessed 4/12/17. **8.** Infusion Nursing Standards of Practice. *Journal of Infusion Nursing*, Supplement to Volume 39, January/February 2016. **9.** BIOPATCH® vs. Tegaderm™ CHG Absorption pictures: Drops of citrated porcine blood were dropped onto the foam side of Biopatch or the gel side of Tegaderm™ CHG using an 18 gauge needle. The time for blood absorption was recorded. Data on file. Ethicon, Inc. **10.** Paetzell E. Removal Force of Adhesive Dressings [PE technical memo adhesion of catheter dressings]. Performance evaluation. Ethicon, 2010. Data on file. Ethicon, Inc. **11.** Timsit JF, Schwebel C, Bouadma L, Geffroy A, Garrouste-Orgeas M, Pease S, et al. Chlorhexidine-impregnated sponges and less frequent dressing changes for prevention of catheter-related infections in critically ill adults: a randomized controlled trial. *JAMA*. 2009;301(12):1231-1241. **12.** Timsit J, et al. Randomized Controlled Trial of Chlorhexidine Dressing and Highly Adhesive Dressings for Preventing Catheter-Related Infections in critically ill adults. *AJRCC*. 2012;Published Oct 4th:1-41.

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