3M

Tegaderm™

Chlorhexidine Gluconate (CHG)
I.V. Securement Dressing

Chlorhexidine Gluconate (CHG) Dressings

Comparison of Design and Performance

	Tegaderm™ CHG Dressings	BioPatch® Disks
CHG is integral to a transparent dressing Because the CHG is integral to the dressing, 3M™ Tegaderm™ Chlorhexidine Gluconate (CHG) Dressings can't be forgotten or put on upside down.	✓	
CHG dressing is transparent to allow constant site monitoring The 2016 Infusion Therapy Standards of Practice published by INS indicate: "Gauze, bandages, or any dressing material that may obstruct visualization of the catheter-skin junction...should not be used."[1]	✓	
CHG available on contact without moisture Tegaderm™ CHG Dressings deliver CHG to the skin immediately, regardless of the amount of skin moisture. With BioPatch® Disks, CHG is delivered to the skin via skin moisture.[2,3,4]	✓	
Catheter securement features are incorporated into the antimicrobial dressing The 3M portfolio of Tegaderm™ CHG Dressings includes features designed to provide consistent I.V. site protection.	✓	
Same dressing for any catheter, regardless of proximity to I.V. site Tegaderm™ CHG Dressings do not require a minimum distance between the insertion site and the catheter hub. The BioPatch® Disk requires the catheter to be secured at least 0.5 inch (1.25 cm) from the insertion site in order to allow the disk to fit around the catheter and provide complete coverage.[5]	✓	
Absorbs blood and exudate Both Tegaderm™ CHG Dressings and BioPatch® Disks absorb perspiration, exudate and blood without compromising their ability to provide antimicrobial protection.[6]	✓	✓
Superior skin flora kill rate On healthy, unprepped skin, Tegaderm™ CHG Dressings have shown to have a statistically significant greater reduction of bacteria than BioPatch® Disks on Day 1 and Day 4 of the study.[7]	✓	
Superior skin flora regrowth suppression over 7 days Skin can't be made sterile, and skin flora regrowth occurs over the days that follow the cleaning and preparation of an I.V. site. Tegaderm™ CHG Dressings are more effective at suppressing the regrowth of skin flora on prepped skin than BioPatch® Disks.[8]	✓	
Superior placement accuracy rate Multiple studies have shown an improved accuracy rate with the integrated Tegaderm™ CHG Dressings compared to the placement of a BioPatch® Disk plus a dressing.[9,10]	✓	

Ordering Information

3M™ Tegaderm™ Chlorhexidine Gluconate (CHG) I.V. Securement Dressing

Product	Product Number	CHG Gel Pad Size	Suggested Devices
3M™ Tegaderm™ Chlorhexidine Gluconate (CHG) I.V. Securement Dressing			
	1657	1½ in x 1⅜ in 3 cm x 4 cm	All CVCs, Arterial, Dialysis, Midline, Other percutaneous devices
	1658	1½ in x 1⅜ in 3 cm x 4 cm	Universal, Other percutaneous devices
	1659	1½ in x 2⅘ in 3 cm x 7 cm	All CVCs, PICC
	1660	⅘ in x ⅘ in 2 cm x 2 cm	All CVCs, Arterial, Midline, Other percutaneous devices
3M™ Tegaderm™ CHG Chlorhexidine Gluconate I.V. Port Dressing			
	1665	2 7/16 in x 1 15/16 in 6,2 cm x 4,9 cm	Implanted Venous Ports
3M™ PICC/CVC Securement Device + Tegaderm™ CHG I.V. Securement Dressing			
	1877-2100	1½ in x 1⅜ in 3 cm x 4 cm	Peripherally Inserted Central Catheters (PICCs) and short term Central Venous Catheters (CVCs)
	1879-2100	1½ in x 2⅘ in 3 cm x 7 cm	Peripherally Inserted Central Catheters (PICCs) and short term Central Venous Catheters (CVCs)

References

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3. Schwab D. Antimicrobial Activity of a CHG-Impregnated Gel Pad for IV Site Protection. Infusion Nurses Society (INS), May 2008.
4. Karpanen T, Casey A, Conway B, Lambert P, Elliott T. Antimicrobial activity of a chlorhexidine intravascular catheter site gel dressing. *J Antimicrob Chemother*. 2011; Aug;66(8):1777-84. doi:10.1093/jac/dkr191. Epub 2011 May 24.
5. Johnson & Johnson Wound Management. (2012). The PROVEN Way to Reduce Catheter Related Blood Stream Infections [Brochure]. N.p.: Ethicon, Inc.
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9. Eyberg C. A Controlled Randomized Prospective Comparative Study to Evaluate the Ease of Use of a Transparent Chlorhexidine Impregnated Gel Dressing Versus A Chlorhexidine Disk in Healthy Volunteers. *Journal of the Association for Vascular Access (JAVA)*; 2008;13(3).
10. Kohan C, Boyce J A Different Experience with Two Chlorhexidine Gluconate Dressings for Use on Central Venous Devices. *Am J Infect Control*, 2013; 41(6); S142 - S143.

To learn more about 3M™ Tegaderm™ CHG Dressings or the full portfolio of products for I.V. site care, visit us at 3M.com/TegadermCHG, contact your 3M Critical & Chronic Care Solutions representative or call the 3M Health Care Customer Helpline at 1-800-228-3957. Outside of the United States, contact the local 3M subsidiary.

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