3M[™] Tegaderm[™] CHG Chlorhexidine Gluconate I.V. Securement Dressings

Why take a risk with bloodstream infections?

Tegaderm CHG dressing is now proven and indicated to reduce Catheter-related bloodstream infections (CRBSIs) and catheter colonisation. Thus the only transparent I.V. dressing with this indication.

- Clinically proven to reduce CRBSI in patients with central venous and/or arterial catheters by 60%¹
- Clinically proven to reduce major catheter related infection in patients with central venous and/or arterial catheters by 67%¹
- Clinically proven to reduce skin and catheter colonisation in patients with central venous and arterial catheters by 61%¹
- Offers the same level of antimicrobial activity up to seven days²
- All-in-one dressing and as easy to apply as 3M[™] Tegaderm[™] I.V. Dressing
- Transparent to allow site monitoring



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Proven Protection you car



Catheter-related bloodstream infections (CRBSIs) are one of the most serious and costly Health Care Associated Infections (HCAIs), leading to increased costs through extended hospital stays, illness and death.

While recent industry, government and clinical initiatives have led to a significant reduction in the risks, costs and incidence of CRBSIs, even one CRBSI is one too many.

Even if your rates are low, you can help to reduce CRBSIs by making Tegaderm CHG dressings a key component of your practice.

Proven to Reduce Catheter Related Infection

In the largest randomised controlled trial (RCT) ever conducted to evaluate the use of a CHGcontaining gel dressing, involving 4,163 catheters applied to 1,879 patients, Tegaderm CHG dressings were proven to significantly reduce CRBSIs when used in combination with other best practice interventions.¹ (See figure 1)

- Now **indicated and clinically proven** to reduce major catheter related infection (major CRI) in patients with central venous and arterial catheters by 67%¹ (See figure 2)
- Now **indicated and clinically proven** to reduce the risk of catheter colonisation in patients with central venous and arterial catheters (See figure 3)
- Observed reduction in Central Line-Associated Bloodstream Infections (CLABSIs) in real-life observational studies³
- Proven to **suppress skin flora re-growth up to seven days** after prepping the skin⁴ and to be effective against a range of clinically significant microorganisms⁵ including multi-resistant strains²
- Offers the same level of antimicrobial activity at day seven as day one²
- Absorbs fluid (perspiration, blood and exudate) without compromising the antimicrobial properties⁶.
- Proven antimicrobial activity of the CHG gel in challenging experimental conditions with presence of catheter and blood proteins. Study results suggest that the performance of the gel allowed delivery of CHG under the catheter²





ncidence (n per 1,000 catheter days)



Figure 3: Catheter Colonisation



n count on

All-in-one Antimicrobial Transparent Film Dressing Provides Comfort and Protection

- 3M[™] Tegaderm[™] Film allows continuous observation around the entire insertion site
- Tegaderm film integrated with 2% Chlorhexidine Gluconate gel pad conforms to body contours and flexes with patient movement
- Semi-permeable, highly breathable film promotes moisture evaporation
- CHG does not require additional moisture and is continuously available, for persistent protection

Delivers Exceptional Securement

- Reinforced stabilisation borders and notches designed for enhanced securement
- Soft cloth border adhesive forms seal around catheter site

Supports I.V. Site Care Best Practices and Protocols

- Provides a waterproof, sterile barrier to external contaminants including liquids, bacteria and viruses*
- Allows continuous site observation to monitor for signs of infection, as recommended by the CDC 1A Guideline, and the Infusion Nursing Standards of Practice^{7,8}
- Meets INS and CDC definitions as a catheter securement or stabilisation device7.8
- Randomised controlled trial on Tegaderm CHG dressings supports the Epic3 recommendation to consider using chlorhexidine impregnated dressings with central venous catheters⁹

References:

- Timsit JF, et al. Randomized Controlled Trial of Chlorhexidine Dressing and Highly Adhesive Dressing for Preventing Catheter-Related Infections in critically ill adults. American Journal of Respiratory and Critical Care Medicine 2012; 186 (12):1272-1278.
- Karpanen TJ, et al. (2011) Antimicrobial activity of a Chlorhexidine intravascular catheter site gel dressing, Journal of Antimicrobial Chemotherapy, 66: 1777-1784.
- 3 Scheithauer S, Lewalter K, Schröder J, Koch A, Häfner H, Krizanovic V, Nowicki K, Hilgers RD, Lemmen SW. Reduction of central venous line-associated bloodstream infection rates by using a chlorhexidine-containing dressing.
- 4 Bashir MH, et al. (2012) Suppression of regrowth of normal skin flora under chlorhexidine gluconate dressings applied to chlorhexidinegluconate-prepped skin. American Journal of Infection Control, 40(4):344-8.
- 5 Hensler J. et al. (2009). Growth inhibition of microorganisms involved in catheter-related infections by an antimicrobial transparent IV dressing containing Chlorehexidine gluconate (CHG, ECCMID, Helsinky, May 2009.
- 6 Schwab D (2007). Absorption of saline, human blood and plasma by Tegaderm CHG gel pad and BIOPATCH dressing. 3M data on file, Study-05-010658.
- 7 Centers for Disease Control and Prevention. Guidelines for the Prevention of Intravascular Catheter-related Infections.
- 8 Infusion Nursing Standards of Practice Supplement to Jan/ Feb 2006 Vol 29, 1S ISSN 1533-1458.
- H.P. Loveday, et al. epic3: National Evidence-Based Guidelines for Preventing Healthcare-Associated Infections in NHS Hospitals in England. Journal of Hospital Infection 86S1 (2014) 51–570.
- Arrowsmith, M (2012) Bacterial & Viral Barrier Claim For 3M Tegaderm CHG I.V. Securement Dressings. 3M Data on file.



The dressing's film allows for effective oxygen - vapour exchange while helping protect against contaminants including those most commonly associated with catheter-related blood stream infections.

3M[™] Tegaderm[™] CHG Chlorhexidine Gluconate I.V. Securement Dressings

Tegaderm CHG dressings enhance your current I.V. site protection efforts by integrating the antimicrobial power of CHG, with the transparency, reliability and simplicity of a 3M[™] Tegaderm[™] Film Dressing.

Highly breathable transparent film

- Provides continuous site observation
- Conforms to body contours, flexes with patient movement
- Promotes moisture evaporation and improved securement
- Provides a waterproof, sterile barrier to external contaminants including liquids, bacteria and viruses*
- Latex-free
- Semi-permeable, and breathable to promote moisture evaporation and improved securement

Sterile tape strips

- Designed to hold catheter securely in place.

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- Preprinted labels for documenting dressing changes; Helps improve protocol compliance

*In vitro testing shows that the transparent film of

intact without leakage.10



- 2-handled application style to facilitate aseptic non touch application
- Design makes placement accurate and easy
- Minimises risk of sticking to gloves or to itself

CHG gel pad

- 2% Chlorhexidine Gluconate
- The absorptive CHG gel pad protects even in the presence of blood, saline and exudate
- CHG is immediately and continuously available, does not require additional moisture
- Adhesive CHG gel pad conforms around catheter hub.

Advanced catheter securement

- Reinforced stabilisation borders and notches designed for advanced securement
- Soft cloth border adhesive forms seal around catheter site
- Patterned film adhesive holds strongly, manages moisture and releases gently
- When applied with firm pressure, adhesives permeate irregular surfaces of skin, increasing the total area of contact for improved adhesion
- Adhesives build strength over the first 24 hours

Ordering Information

Tegaderm CHG dressing provides a viral barrier for viruses 27 nm in diameter or larger while the dressing remains

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	PRODUCT CODE	OVERALL Dressing Size	GEL PAD SIZE	COMMON Applications	NHSSC Codes	DRESSINGS/ BOX	BOXES/ CASE
600	1657R	8.5 cm x 11.5 cm	3 cm x 4 cm	All CVCs, Arterial, Dialysis, Midline, Other percutaneous devices	ELW294	25	4
	1658R	10cm x 12cm	3 cm x 4 cm	All CVCs, Arterial, Dialysis, Midline, Other percutaneous devices	ELW625	25	4
60)	1659R	10 cm x 15.5 cm	3 cm x 7 cm	PICC lines, all CVCs, other percutaneous devices	ELW295	25	4
ŀJ	1660R	7 cm x 8.5 cm	2 cm x 2 cm	All CVCs, Midline, Other percutaneous devices	ELW366	25	4

To learn more about Tegaderm CHG dressings or the full line of Tegaderm I.V. dressings, visit us at www.3m.com/tegadermchg Contact your local 3M Critical and Chronic Care representative for more information.

www.3m.co.uk/healthcare

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Aseptic Non Touch Technique

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