Clinically Proven to Reduce CRBSIs
Catheter-related bloodstream infections (CRBSIs) are one of the most serious and costly health care-acquired infections (HAIs), leading to increased costs associated with extended hospital stays, illness and death. The estimated average cost for treating a single CRBSI is $29,500\(^1\) per episode in Australia and between $20,000 to $54,000\(^2\) in New Zealand.

While recent industry and facility 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 your facility reduce CRBSIs by making 3M™ Tegaderm™ CHG I.V. Securement Dressings a key component of your practice.

**Proven to Reduce the Risks of CRBSIs**

In the largest randomised controlled trial ever conducted to evaluate the use of a CHG-containing gel dressing, including 4,163 catheters applied to 1,879 patients, 3M™ Tegaderm™ CHG Dressings were proven to significantly reduce CRBSIs when used in combination with other best practice interventions.\(^3\) (See Figure 1).

- Clinically proven to reduce CRBSIs by 60%\(^3\)
- Proven to reduce the risk of skin and catheter colonisation, and to suppress regrowth of skin organisms commonly associated with CRBSIs\(^3-5\)
- Proven to be as effective, or better than BIOPATCH® Protective disk, at reducing skin flora and preventing regrowth\(^4,6\)
- Offers the same level of antimicrobial activity at day ten as day one\(^6\)
- Continues to be effective in the presence of blood, saline and exudate\(^6\)

**Figure 1: Reduces CRBSIs & Catheter Colonisation\(^1\)**

Note: 3M™ Tegaderm™ CHG I.V. Securement Dressing is not indicated to replace sutures for short-term Central Venous Catheters (e.g. jugular, subclavian, femoral).
All-in-one Antimicrobial Transparent Film Dressing—Provides Comfort and Protection

- Transparent film allows continuous observation around the entire insertion site.
- Tegaderm™ Film integrated with 2% w/w Chlorhexidine Gluconate gel pad conforms to body contours and flexes with patient movement.
- Semi-permeable, highly breathable film.
- CHG is immediately and continuously available, does not require additional moisture.
- The all-in-one antimicrobial transparent dressing minimises opportunity for error.

Enables Continuous Site Visibility

The CDC recommends the use of transparent film dressings for I.V. site care, because they: “…permit continuous visual inspection of the catheter site, permit patients to bathe and shower without saturating the dressing, and require less frequent changes than do standard gauze and tape dressings.” 7

Delivers Exceptional Securement

- Reinforced stabilisation borders and notches designed for advanced securement
- Soft cloth border adhesive forms seal around catheter site
- Sterile stabilisation tape strip allow the dressing to withstand additional pull force*

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 Guideline7, and the Intravenous Nursing New Zealand.8
- Meets INS and CDC definitions as a catheter securement or stabilisation device
- Research has shown Tegaderm™ CHG Dressings are easy to use and fit into clinical practice as easily as other transparent dressings.9-10
- Tegaderm™ CHG Dressings can be safely worn for up to seven days—until the dressing is soiled or no longer intact—or for the length of facility protocol.
- The transparent film allows for effective oxygen-vapor exchange while helping protect against external contaminants, including those most commonly associated with CRBSIs.**

*3M internal data on file. ** In vitro testing shows that the transparent film of 3M™ Tegaderm™ CHG I.V. Securement Dressing provides a viral barrier from viruses 27 nm in diameter or larger while the dressing remains intact without leakage. Note: 3M™ Tegaderm™ CHG I.V. Securement Dressing is not indicated to replace sutures for short-term Central Venous Catheters (e.g. jugular, subclavian, femoral).
Proven to Perform Better than BIOPATCH® Protective Disk

In studies comparing BIOPATCH® Protective Disk with CHG and a transparent adhesive cover dressing against Tegaderm™ CHG I.V. Securement Dressings on the unprepped skin of healthy adult subjects, Tegaderm™ CHG Dressings were proven to be:

- As effective, or better, at reducing skin flora for up to 10 days (see Figure 2)
- More effective at preventing regrowth at 7 days
- Significantly better at maintaining low skin counts (see Figure 3)
- With the integrated soft gel pad, the CHG is immediately active and does not need additional moisture to activate and begin attacking skin flora

The CHG gel pad’s unique size, shape and composition provide a greater zone of antimicrobial activity than the sponge disk. The larger gel pad surface area allows for coverage of sutures as well as the insertion site.*

Preferred by Clinicians

As part of a clinical evaluation, professional I.V. nurses were trained in proper application and removal techniques for BIOPATCH® Protective Disk and Tegaderm™ CHG Dressings. They were asked to apply the dressings immediately after training. Tegaderm™ CHG Dressings were rated significantly better in:

- Overall performance (see Figure 4)
- Ease of correct application
- Ability to see the I.V. site
- Ease of training another clinician
- More intuitive to use

In other studies:

- Nurses recommended a switch to Tegaderm™ CHG for PICC lines, IJ insertion sites and non tunnelled CVC-subclavian insertion sites
- Determined the CHG gel dressing demonstrated superior performance and intuitive use
- Determined that the ability to visually inspect the insertion site is in compliance with best practice guidelines

*With the integrated soft gel pad, the CHG is immediately active and does not need additional moisture to activate and begin attacking skin flora.
**Highly breathable transparent film**
- Provides continuous site observation
- Conforms to body contours, flexes with patient movement
- Semi-permeable, breathable and improved securement
- Provides a waterproof, sterile barrier to external contaminants including liquids, bacteria and viruses*
- Latex-free

**CHG Gel Pad**
- Clinically proven to reduce the risk of skin and catheter colonisation
- 2% w/w 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.

**Sterile tape strips**
- Enhance stabilisation, allowing the dressing to withstand additional pull force**
- Improve protocol compliance
- Are precut for anchoring hubs, lumens and tubing
- Preprinted labels for documenting dressing changes

**Picture Frame Delivery**
- Design makes placement accurate and easy
- Minimises potential to stick to gloves or to itself

**Advanced Catheter Securement**
- Reinforced stabilisation borders and notch 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
- Adhesive CHG gel pad conforms around catheter hub.

* In vitro testing shows that the transparent film of 3M™ Tegaderm™ CHG I.V. Securement Dressing provides a viral barrier from viruses 27 nm in diameter or larger while the dressing remains intact without leakage. **3M internal data on file.

Available in NZ only.
Proven Protection for All Your I.V. Site Needs

All-in-one antimicrobial transparent film dressing provides visibility, comfort and protection.

Internal Jugular  Subclavian

PICC  Arterial

Tegaderm™ CHG: Proven effectiveness against the following pathogens:

Most catheter-related infections (~60%) are caused by Gram-positive microorganisms belonging to the resident skin flora (mainly coagulase-negative staphylococci and Staphylococcus aureus).16

- **Staphylococcus epidermidis** (including MRSE) ✔
- **Staphylococcus aureus** (including MRSA and GRSA) ✔
- **Enterococcus faecium** (including VRE) ✔
- **Enterococcus faecalis** (including MDR) ✔
- **Klebsiella pneumoniae** ✔
- **Pseudomonas aeruginosa** ✔
- **Acinetobacter baumanii** ✔
- **Serratia marcescens** ✔
- **Escherichia coli** ✔
- **Enterobacter cloacae** ✔
- **Candida albicans** ✔

Tegaderm™ CHG I.V. Securement Dressings are not indicated to replace sutures for short-term Central Venous Catheters (e.g. jugular, subclavian, femoral).
### Ordering Information

<table>
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<th>Product Code</th>
<th>Overall Dressing Size</th>
<th>Gel Pad Size</th>
<th>Suggested Devices</th>
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<td>25</td>
<td>4</td>
</tr>
</tbody>
</table>

*Available in NZ only*
References

8. Intravenous Nursing New Zealand. Provisional Infusion Therapy Standards of Practice. March 2012