

3M

Tegaderm™

CHG Chlorhexidine Gluconate
I.V. Securement Dressing

**All you need,
all in one.**



All you need, all in one.



Every vascular access site presents the potential for infection, dislodgement, skin damage, and other complications. You need evidence-based products and protocols to minimise the risks of vascular access complications and help you achieve better patient outcomes.

3M™ Tegaderm™ CHG I.V. Securement Dressings provide four essential elements you need to protect your patients' I.V. sites in one, easy-to-use product.

- ▶ Site visibility
- ▶ Antimicrobial protection
- ▶ Consistent application
- ▶ Catheter securement





Site visibility

Transparent film and CHG gel pad allows continuous visualisation of the insertion site.

Antimicrobial protection

Built-in CHG gel pad provides reliable antimicrobial protection for patients.

Consistent application

Integrated CHG gel pad design ensures dressings are applied correctly and consistently.

Catheter securement

Stabilisation border, and reinforcing tape strips work together to minimise catheter movement or dislodgement.

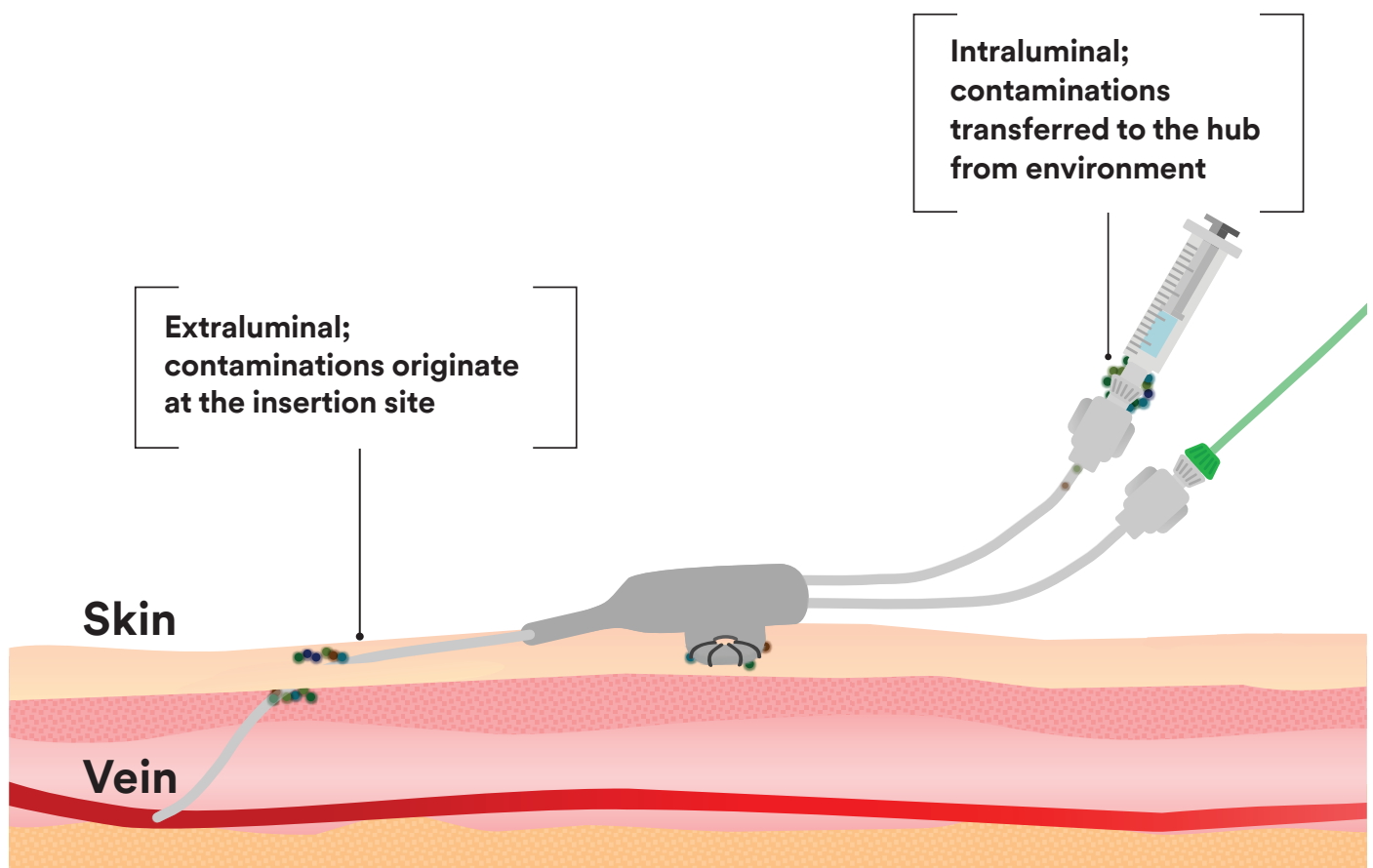
Reducing infection risk at all access points.

Contaminations are caused by extraluminal sources (bacteria originating on the surface of the skin and growing along the outside of the catheter), by intraluminal sources (bacteria transferred to the hub or connector from environmental factors) with the remaining coming from other sources.¹

CHG skin preps are used to minimise contamination of the insertion site, but microbes penetrate the skin deeper than the skin preps, and regrowth can occur within 24 hours.²

3M™ Tegaderm™ Chlorhexidine Gluconate (CHG) I.V. Securement Dressings is proven to reduce CRBSIs.

- ▶ Clinically proven to reduce CRBSIs in patients with central and arterial catheters by 60%³
- ▶ Clinically proven to reduce skin and catheter colonisation in patients with central and arterial catheters by 61%³
- ▶ Provides immediate and continuous antimicrobial protection for up to 7 days⁴



Align your protocols with standards of practice.

The Royal College of Nursing (RCN), National Institute for Health and Care Excellence (NICE), Epic3, Centers for Disease Control and Prevention (CDC), Infusion Nurses Society (INS), and other organisations offer evidence-based best practices to help minimise I.V. site complications. Choose 3M™ Tegaderm™ CHG Dressings and be sure you're meeting or exceeding best practices for better patient and economic outcomes.

Site visibility

NICE, Epic3 and the RCN recommend the use of transparent dressings because they permit continuous visual inspection of the catheter site.^{5,6,7}

Antimicrobial protection

NICE, Epic3 and the RCN recommend CHG-impregnated dressings.^{5,6,7} In use for over 50 years, CHG has proven to be an effective antimicrobial. Bacterial resistance to CHG has been rare.⁸

Consistent application

The International Organization of Standards promote the importance of medical device design to support correct use, patient safety, user satisfaction and to reduce medical device-related errors.⁹

Catheter securement

The RCN Standards for Infusion Therapy recommend the use of manufactured securement devices to minimise the risks of movement, dislodgement, and needlestick injuries.⁷



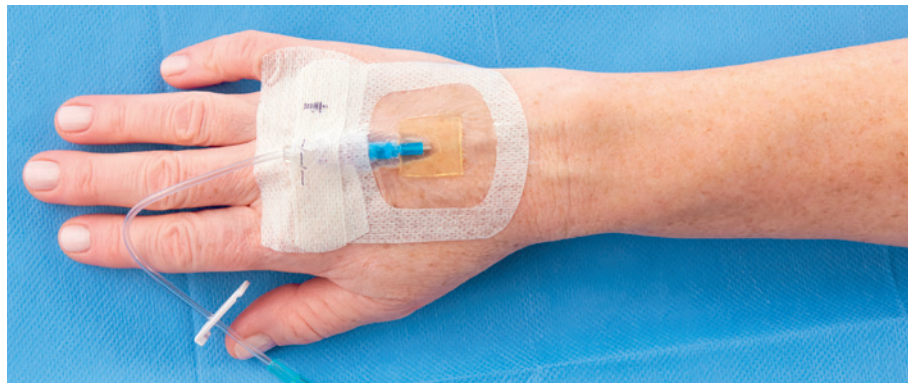
Jugular

Choose the dressing that's right for you.

3M™ Tegaderm™ Chlorhexidine Gluconate (CHG) I.V. Securement Dressings come in multiple sizes and shapes to accommodate a variety of sites and central vascular access devices (CVAD).



PICC



Peripheral



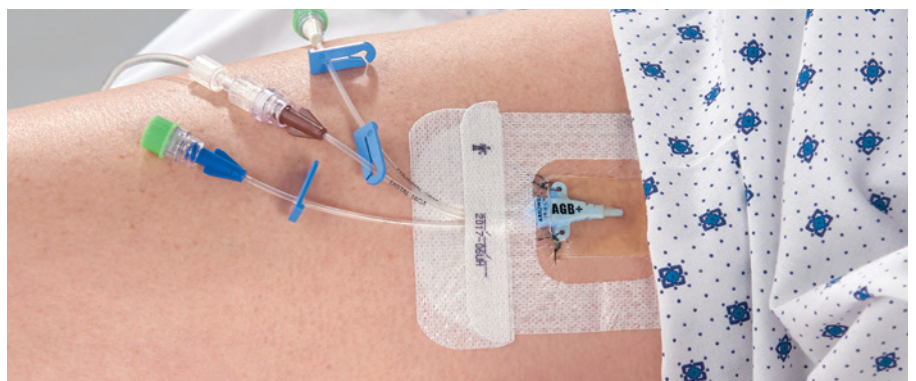
Arterial



Implanted port



Subclavian



Femoral

Inspired by you.

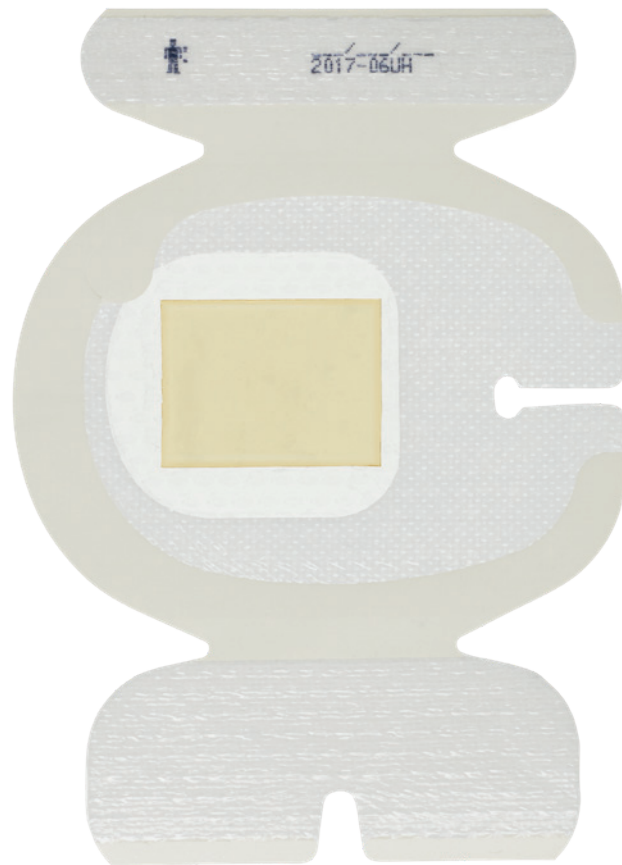
Over the last 40 years clinicians have come to rely on 3M™ Tegaderm™ transparent film dressings. Since then, we've listened, we've learned, and we've responded.

We've applied science in creative ways to:

- ▶ Create dressings that are more comfortable
- ▶ Make it easier for clinicians to provide reliable antimicrobial protection
- ▶ Ensure catheters stay in place without causing undue pain or distress

The full line of Tegaderm™ CHG dressings may be worn up to 7 days and provide:

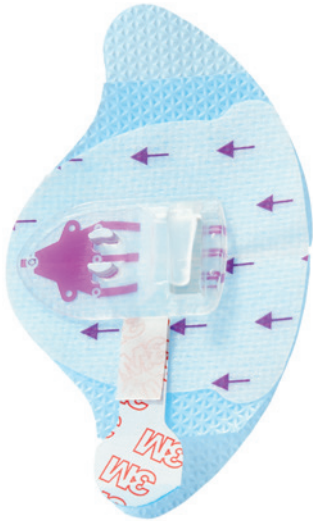
- ▶ CHG antimicrobial protection
- ▶ Secure adhesion
- ▶ Gentle removal
- ▶ I.V. site visibility
- ▶ Breathability
- ▶ Patient comfort
- ▶ Bacterial and viral barrier*
- ▶ Easy, consistent application



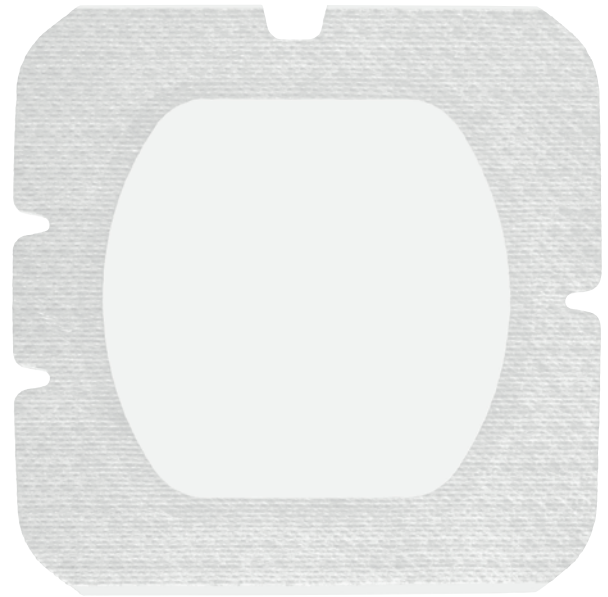
3M™ Tegaderm™ CHG Chlorhexidine Gluconate I.V. Securement Dressing

All-in-one antimicrobial (CHG) I.V. securement dressing designed to protect critical lines against extraluminal contamination. The gel pad diffuses 2% CHG to the skin immediately, without requiring moisture to activate. The integrated design offers easy application with reliable antimicrobial protection and catheter securement.

**in vitro* testing shows that the transparent film provides a viral barrier from viruses 27nm in diameter or larger while the dressing remains intact without leakage.



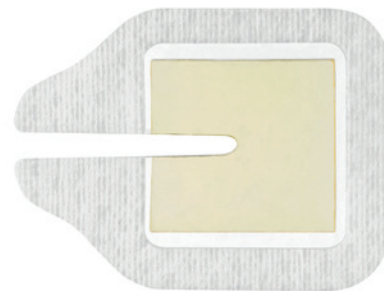
Sutureless securement device



I.V. securement dressing



CHG I.V. securement dressing



CHG gel pad

**3M™ PICC/CVC Securement Device +
3M™ Tegaderm™ CHG I.V. Securement Dressing**

An engineered stabilisation device (ESD) plus antimicrobial (CHG) dressing designed to provide continuous antimicrobial protection for up to 7 days.

**3M™ Tegaderm™ CHG Chlorhexidine
Gluconate I.V. Port Dressing**

Antimicrobial (CHG) gel pad plus I.V. securement dressing specifically designed to protect single or double implanted venous ports and non-coring 'Huber' needles from pathogens most commonly found in CRBSIs.*

**in vitro* studies show the dressing is a microbial barrier and protects the insertion site against a variety of gram-positive and gram-negative bacteria and yeast, including organisms most commonly associated with catheter related bloodstream infections (CRBSI). 3M data on file (010659).

See the evidence for yourself.

Provides a **larger area** of antimicrobial protection



The CHG gel pad's unique size, shape and composition provide a greater area of antimicrobial activity than BIOPATCH® Disk. The larger gel pad surface area allows for coverage of sutures as well as the insertion site.

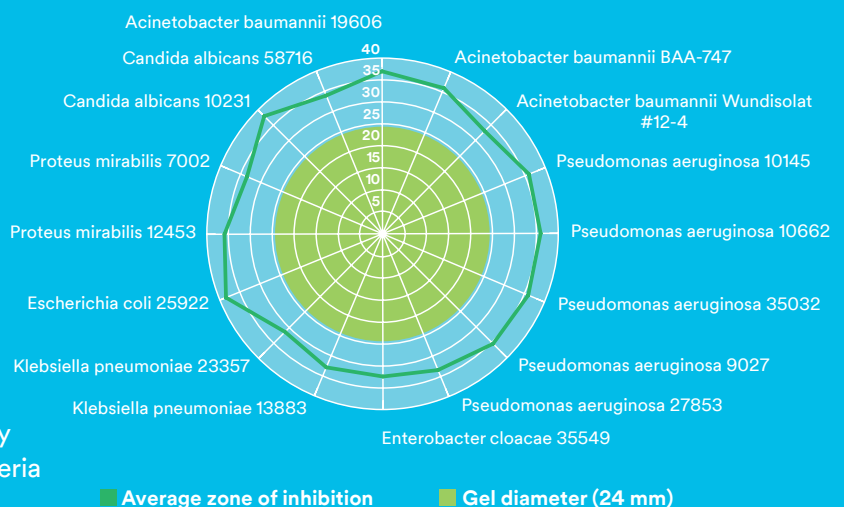
Offers consistent antimicrobial activity¹¹



In vitro tests demonstrated that the reservoir of CHG within the gel pad was as available and as effective at Day 7 as Day 1.

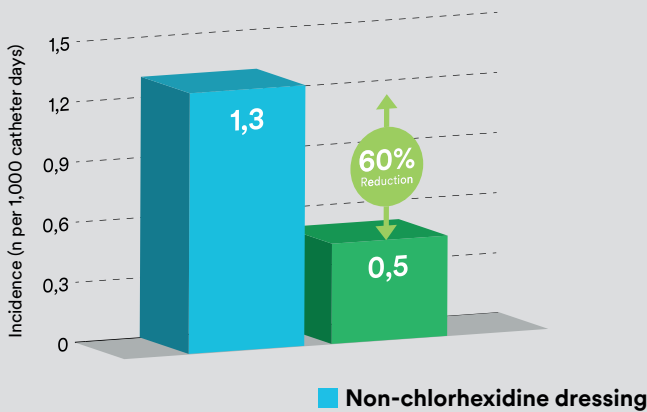
Protects against pathogens most commonly found in CRBSIs¹¹

In vitro studies show the dressing protects the insertion site against a variety of gram-positive and gram-negative bacteria and yeast, including organisms most commonly associated with CRBSIs.

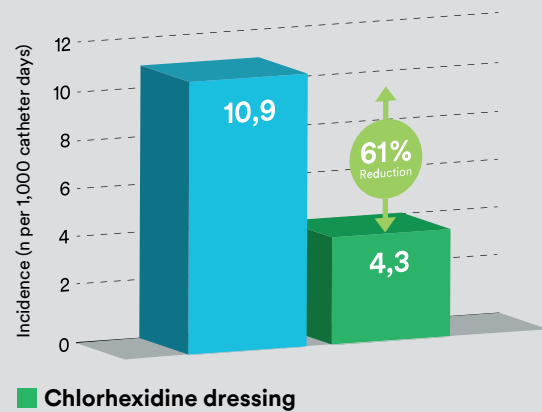


3M™ Tegaderm™ CHG Chlorhexidine Gluconate I.V. Securement Dressing has been the subject of several clinical studies by leading researchers in infection prevention and infusion therapy.

Clinically proven to reduce CRBSIs by 60%³



Clinically proven to reduce the risk of catheter colonisation by 61%³



Absorbs blood and fluids¹⁰






The CHG gel pad can absorb blood and other fluids without compromising antimicrobial activity.

Cost effective for critically ill patients

Save 32,195 EUR annually

in 29 bed ICU in Germany¹¹

Ordering information

Product	Product number	NHS code	Dressing size	Suggested devices
3M™ Tegaderm™ CHG Chlorhexidine Gluconate I.V. Securement Dressing				
	1657R	ELW295	8.5cm x 11.5cm	All CVCs, arterial, dialysis, midline and other percutaneous devices
	1658R	ELW294	10cm x 12cm	Universal, other percutaneous devices
	1659R	ELW625	10cm x 15.5cm	All CVCs and PICCs
	1660R	ELW366	7cm x 8.5cm	PIVs, midline, arterial, CVCs and other percutaneous devices
3M™ PICC/CVC Securement Device + 3M™ Tegaderm™ CHG Chlorhexidine Gluconate I.V. Securement Dressing				
	1877-2100	ELW858	8.5cm x 11.5cm	PICCs, CVCs and other vascular access devices
	1879-2100	ELW860	10cm x 15.5cm	PICCs, CVCs and other vascular access devices
3M™ Tegaderm™ CHG Chlorhexidine Gluconate I.V. Port Dressing				
	1665	ELW1023	12cm x 12cm	Implanted Venous Ports

Important safety information for Tegaderm CHG dressings

Do not use Tegaderm CHG dressings on premature infants or infants younger than two months of age. Use of this product on premature infants may result in hypersensitivity reactions or necrosis of the skin. The safety and effectiveness of Tegaderm CHG dressings has not been established in children under 18 years of age. For full prescribing information, see the Instructions for Use (IFU).

To learn more about Tegaderm™ I.V. site dressings, visit us at www.3M.co.uk/vascularaccess, contact your 3M Medical Solutions representative or call the 3M customer helpline at 08705 360036.

References

- Bouza E, Burillo A, Munoz P. Catheter-related infections: diagnosis and intravascular treatment. *Clinical Microbiology and Infection*, 2002; 8(5): 265–274.
- Bashir MH, Olson LK, Walters SA. Suppression of regrowth of normal skin flora under chlorhexidine gluconate dressings applied to chlorhexidine gluconate-prepped skin. *Am J Infect Control*. 2012; 40(4): 344–8.
- Timsit JF, et al. Randomised 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. Antimicrobial activity of a Chlorhexidine intravascular catheter site gel dressing. *Journal of Antimicrobial Chemotherapy* 2011; 66: 1777–1784.
- The 3M Tegaderm CHG IV securement dressing for central venous and arterial catheter insertion sites (2015) NICE medical technologies guidance MTG25.
- 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) S1–S70.
- Royal College of Nursing (RCN) Standards for infusion therapy, Fourth edition. ISBN: 978-1-910672-70-9.
- Denton GW. Chlorhexidine. Taken from: Block SS, ed. *Disinfection, Sterilization, and Preservation*. 5th ed. Philadelphia, PA: Lippincott, Williams & Wilkins; 2001:321–336.
- International Electrochemical Commission: IEC 62366-1:2015 IEC 201.
- Hensler J. Growth inhibition of microorganisms involved in CA-infections by an antimicrobial transparent IV dressing containing CHG. *European Society of Clinical Microbiology and Infectious Diseases*, May 2009.
- Trautmann M, Saatkamp J. Cost-effectiveness analysis of an antimicrobial transparent dressing for catheter insertion sites on intensive care units. *Hyg Med* 2016;41(5):D65–706.

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