

# 3M™ PICC/CVC Securement Device + Tegaderm™ I.V. Securement Dressings

NEW VERSION  
AVAILABLE WITH  
**CHG**



# Securement without Sacrifice



# Reliable Securement Without Sacrificing Patient Comfort

Reliable securement of Peripherally Inserted Central Catheters (PICCs) and Central Venous Catheters (CVCs) is critical in avoiding the clinical, emotional and financial costs of complications. Traditional securement devices can be difficult and painful to apply and remove. Sutures can be uncomfortable for patients, and needlestick injuries (NSIs) can lead to significant burden on facilities and clinicians.

Building on over 30 years of experience collaborating with clinicians to simplify and improve I.V. site care, 3M designed securement systems that provide reliable securement without sacrificing the comfort patients deserve.

## Balances Reliable Adhesion with Gentleness to Skin

- Secures as well as, or better than, leading securement devices<sup>1</sup> and sutures
- Designed to be worn for up to 7 days
- Removes gently, without causing patients undue pain or distress<sup>1</sup>
- As comfortable as, or more comfortable than, leading securement devices<sup>1</sup> and sutures
- Improves patient comfort, mobility and satisfaction

## Makes Your Life Easier

- Easier to apply and remove than leading securement devices<sup>1</sup>
- Accommodates the majority of PICC and short-term CVC catheters up to, and including, 12 French
- To optimize placement, device can be repositioned upon initial application without losing adhesion<sup>2</sup>
- Single package, with device and dressing simplifies product selection
- Supports OSHA and CDC guidelines for sutureless securement

## Reduces Overall Cost of Care

- Eliminates the risks and costs of suture-related needlestick injuries
- Can potentially reduce the number of dressing changes and restarts
- Combined system means fewer products to purchase and stock
- Seven-day wear time could reduce costs for unscheduled visits due to securement or dressing failure<sup>1</sup>

## Provides Antimicrobial Protection\*

- Integrated CHG gel pad surrounds insertion site in CHG, including under the catheter hub
- Kills and suppresses regrowth of pathogens on the skin and catheter
- CHG is immediately active, and continuously available for up to 7 days



Both the Tegaderm™ I.V. Advanced Dressing (top) and Tegaderm™ CHG Dressing (bottom) ensure continuous visibility of the insertion site.

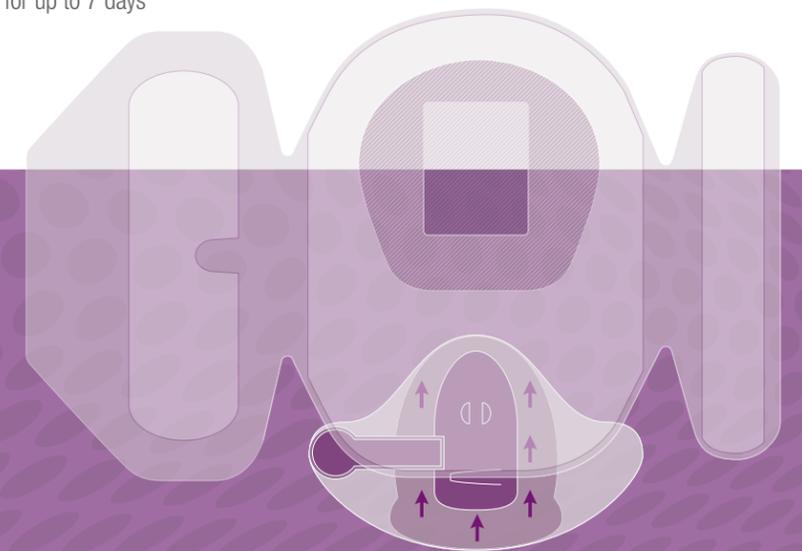


3M™ PICC/CVC Securement Device + Tegaderm™ CHG Chlorhexidine Gluconate I.V. Securement Dressing

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

## The 3M™ PICC/CVC Securement Systems include:

- A securement device with silicone adhesive that balances secure adhesion with gentleness to skin
- An I.V. securement dressing specifically designed to enhance securement of the device.\*\*



\* Antimicrobial protection available with 3M™ PICC/CVC Securement Device + Tegaderm™ CHG Dressing.  
\*\* Systems available with either the Tegaderm™ I.V. Advanced Securement Dressing or Tegaderm™ CHG Dressing.

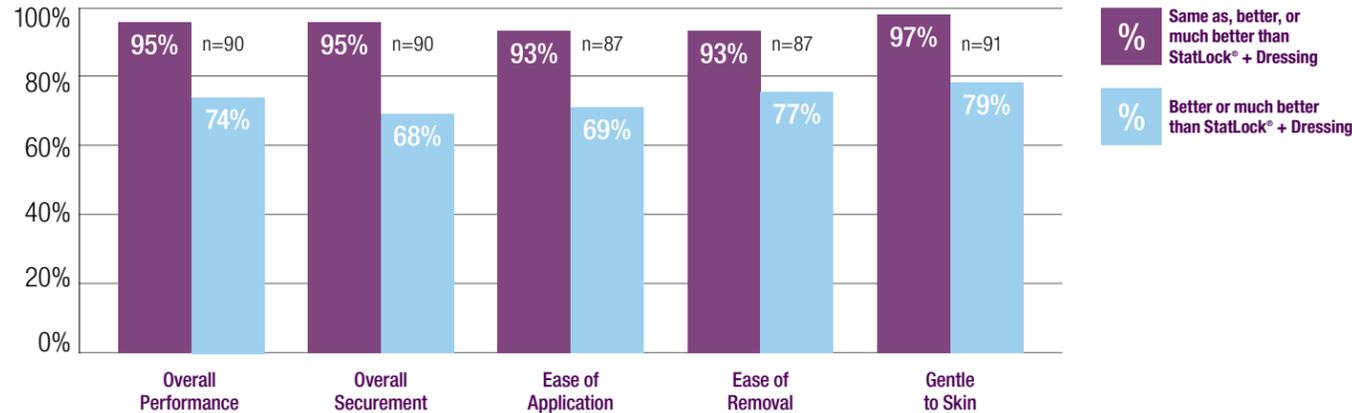
## Proven to Provide Reliable PICC/CVC Securement

### Peripherally Inserted Central Catheters (PICCs)

The 3M™ PICC/CVC Securement Systems were designed to minimize catheter migration or dislodgement complications. In a pre-market evaluation, clinicians rated the 3M™ PICC/CVC Securement System as providing better overall PICC securement than the Bard® StatLock®

Stabilization Device and transparent film dressing. The 3M™ PICC/CVC Securement System was also rated to be easier to apply and remove and gentler to skin than StatLock®. In fact, 85% of the clinicians indicated they would be willing to replace their existing PICC securement system with the 3M™ PICC/CVC Securement System.<sup>1</sup>

#### Clinician feedback during pre-market evaluation for PICCs<sup>1</sup>



Pre-market evaluation comparing 3M™ PICC/CVC Securement System versus Bard® StatLock® Stabilization Device plus transparent film dressing.

In a simulated clinical situation, the 3M™ PICC/CVC Securement System could withstand the sudden, high pull force of dropping an attached 2.5 pound weight 100% of the time, while the StatLock® PICC Plus with a Tegaderm™ I.V. Film Dressing with Border (1655) and a Competitive Securement Dressing failed every time.<sup>2</sup>

#### Simulated Clinical Situation Drop Test<sup>2</sup>

Securement Method	Results
Statlock® PICC Plus-Foam (VPPCSP) + Tegaderm™ I.V. Dressing (1655)	Pass: 0% (0 out of 24)
Competitive Securement Dressing	Pass: 0% (0 out of 24)
3M™ PICC/CVC Securement Device + Tegaderm™ I.V. Advanced	Pass: 100% (24 out of 24)

3M™ PICC/CVC Securement System could withstand a sudden, high pull force of an attached 2.5 pound weight being dropped 24 out of 24 times.

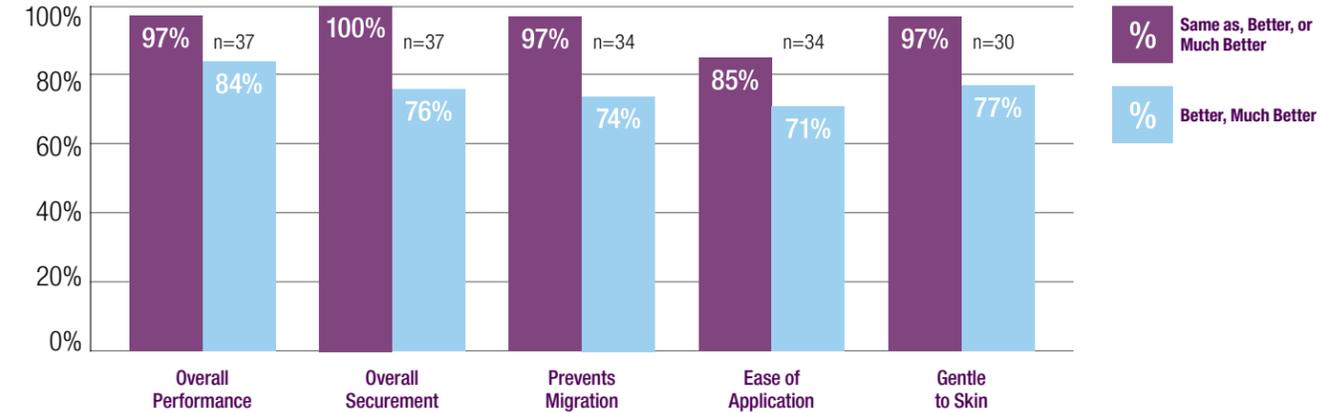
Over 85% of clinicians were willing to replace their existing securement system with the 3M™ PICC/CVC Securement System.<sup>1</sup>

### Central Venous Catheters (CVCs)

In a pre-market evaluation, clinicians rated the 3M™ PICC/CVC Securement System as providing better overall securement than sutures and a dressing or a securement device and dressing. The 3M™ PICC/CVC Securement System was also rated higher in

preventing migration, ease of application and gentleness to skin. In fact, 90% of the clinicians indicated they would be willing to replace their existing CVC securement system with the 3M™ PICC/CVC Securement System.<sup>1</sup>

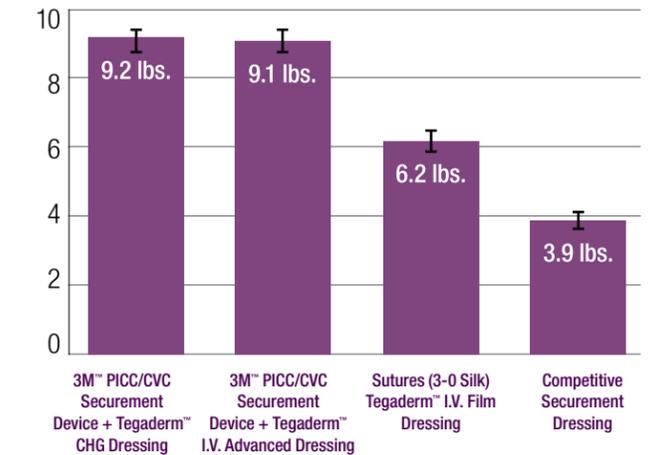
#### Clinician feedback during pre-market evaluation for CVCs<sup>1</sup>



Pre-market evaluation comparing 3M™ PICC/CVC Securement System versus sutures and dressing or device and dressing.

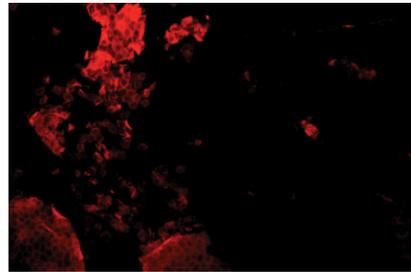
*In vivo* testing comparing the mean pull force required to dislodge an inserted CVC catheter with various securement devices, showed the 3M™ PICC/CVC Securement System could withstand significantly higher pull force than a Competitive Securement Dressing or sutures.<sup>3</sup>

#### Mean pull force required to dislodge inserted CVC catheter<sup>3</sup>

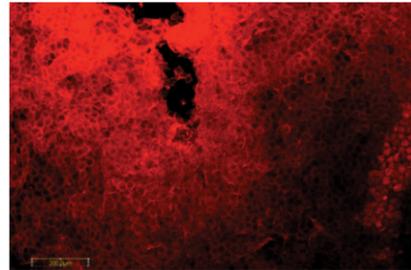


3M™ PICC/CVC Securement Systems require higher pull force than sutures and dressing or Competitive Securement Dressing, and more than 1.5 times more than sutures (3-0 silk) plus Tegaderm™ I.V. Film Dressing with Border (1655).

### 3M™ PICC/CVC Securement Device



### Bard® StatLock® Tricot Stabilization Device



Fewer skin cells are removed when removing the 3M™ PICC/CVC Securement Device than the Bard® StatLock® Tricot stabilization device, proving that it is more gentle to patients' skin. (3M internal data on file.)

## Gentle on Skin for Improved Comfort

The device removes cleanly, eliminating the need to scrub with alcohol. Removal of other stabilization devices can cause adhesive trauma, stripping skin cells along with the device. Significantly fewer skin cells are removed when removing the 3M™ PICC/CVC Securement Device than the Bard® StatLock® Tricot stabilization device, proving that it is more gentle to skin.<sup>2</sup>

## Easy to Apply and Remove

The 3M™ PICC/CVC Securement Systems were designed for easier application and removal. An evaluation comparing the 3M™ PICC/CVC Securement System to the Bard® StatLock® Stabilization Device for Peripherally Inserted Central Catheters (PICCs), showed the 3M™ PICC/CVC Securement System to:

- Be easier to apply and remove<sup>1</sup>
- Be easier to remove without catheter movement<sup>1</sup>
- Leave minimal to no adhesive residue on skin upon removal<sup>1</sup>
- Be repositionable upon initial application without losing adhesion<sup>2</sup>

## Reduces the Risks of Suture-Related Needlestick Injuries

The 3M™ PICC/CVC Securement Systems are an ideal alternative to sutures, helping to eliminate the unnecessary financial, physical and emotional costs of suture-related needlestick injuries (NSIs). Health care workers in hospitals experience approximately 92,400 suture-related sharps or NSIs each year. NSIs expose workers to bloodborne pathogens including HIV, Hepatitis B, Hepatitis C, and others, and can pose significant burdens, including:

- Trauma-related psychiatric disorders<sup>4</sup>
- Loss of employee time
- Cost of staff to investigate the injury
- Expense of laboratory testing
- Cost of treatment for infected staff
- Cost of replacing staff<sup>5</sup>

The Centers for Disease Control and Prevention's 2011 *Guidelines for the Prevention of Intravascular Catheter-Related Infections* recommend the use of a "sutureless securement device to reduce the risk of infection for intravascular catheters."

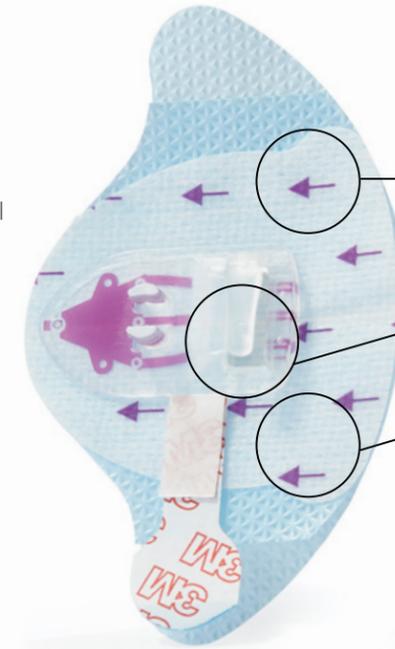


The CDC's STOP STICKS campaign is a communication intervention aimed at raising awareness among health care workers about their risk of workplace exposure to bloodborne pathogens from needlesticks and other sharps-related injuries that occur annually.

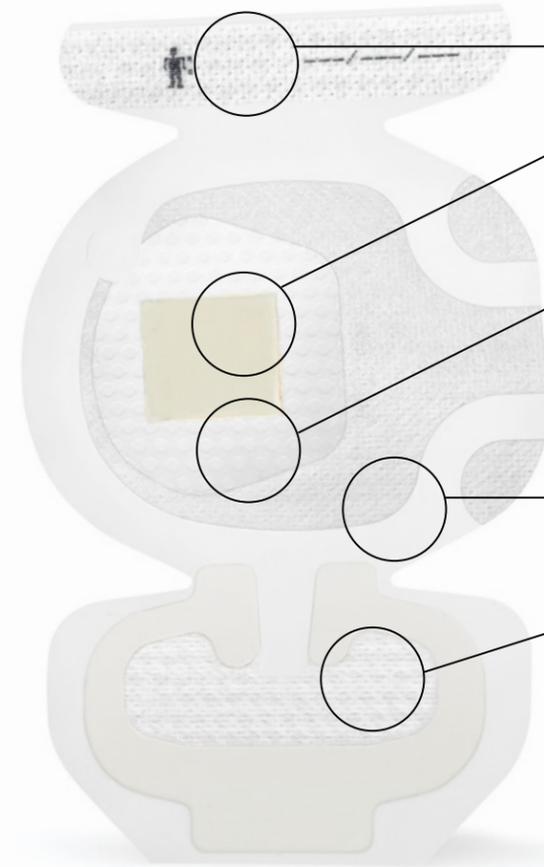
## Designed with Clinicians and Patients In Mind

The 3M™ PICC/CVC Securement Systems were specifically designed to provide:

- Secure adhesion
- Gentle removal
- Antimicrobial protection\*
- Site visibility
- Long wear time
- Easy application and removal
- Patient comfort and mobility



- **Silicone adhesive**
  - Holds securely, yet removes gently
  - Can be repositioned upon initial application
  - Does not require alcohol to remove
- **Easy application securement base**
  - No mechanical doors or wings
  - Visual cues to aid application
- **Comfortable, soft-cloth material**
  - Conformable and water-resistant
  - Perforated for additional breathability



- **Documentation tape strip**
  - Preprinted for documenting dressing changes
  - Provides additional securement
- **Integrated CHG gel pad\***
  - Antimicrobial CHG gel pad is integrated into the dressing
  - CHG is immediately and continuously available
- **Tegaderm™ brand transparent film**
  - Film and gel pad remain clear for continuous site observation
  - Is a waterproof, sterile barrier to external contaminants\*\*
  - Promotes moisture evaporation and improved securement
- **Reinforced stabilization border**
  - Maximizes securement, breathability and wear time
  - Dressing and tape strips are water-resistant
- **Securement tape strip**
  - Enhances stabilization
  - Adhesive-free tab minimizes potential to stick to gloves or to itself
  - Allows for one-handed delivery
  - Waterproof film coating

\* Antimicrobial protection available with PICC/CVC Securement Device + Tegaderm™ CHG Chlorhexidine Gluconate I.V. Securement Dressing.

\*\* *In vitro* testing shows that the transparent film of 3M™ Tegaderm™ I.V. Securement Dressings provide a viral barrier for viruses 27 mm in diameter or larger while the dressing remains intact without leakage.

# Accommodates the Majority of PICC and CVC Catheters

The 3M™ PICC/CVC Securement Systems accommodate the majority of single-, double- or triple-lumen Peripherally Inserted Central Catheter (PICCs) and short-term Central Venous Catheter (CVCs).\*



Subclavian



PICC



Jugular



Femoral

\* Up to, and, including 12 French.

▶ visit [3M.com/Securement](http://3M.com/Securement) to watch application and removal videos

## Ordering Information

	Product Code	Overall Device Size	Overall Dressing Size	Device + Dressing/Box	Boxes/Case
3M™ PICC/CVC Securement Device + Tegaderm™ I.V. Advanced Securement Dressing	1837-2100	2 in x 2 1/8 in 5,1 cm x 5,4 cm	3 1/2 in x 4 1/2 in 8,5 cm x 11,5 cm	20	4
	1839-2100	2 in x 2 1/8 in 5,1 cm x 5,4 cm	4 in x 6 1/8 in 10 cm x 15,5 cm	20	4
3M™ PICC/CVC Securement Device + Tegaderm™ CHG Chlorhexidine Gluconate I.V. Securement Dressing	1877-2100	2 in x 2 1/8 in 5,1 cm x 5,4 cm	3 1/2 in x 4 1/2 in 8,5 cm x 11,5 cm	20	4
	1879-2100	2 in x 2 1/8 in 5,1 cm x 5,4 cm	4 in x 6 1/8 in 10 cm x 15,5 cm	20	4

## Learn More

To learn about 3M™ PICC/CVC Securement Systems visit us at [3M.com/Securement](http://3M.com/Securement), 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.

3M Critical & Chronic Care Solutions Division collaborates to deliver proven, innovative solutions to help prevent and treat critical and chronic conditions across the continuum of care.



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## References

- 3M Pre-Market Customer Evaluation – PICC: CUST-CVE-05-000XXX
- 3M Data on File.
- Independent Lab *in vivo* testing: EM-05-012908 (Synchrony Labs, Durham NC)
- Green B, Griffiths EC. Psychiatric consequences of needlestick injury. *Occup Med* (Lond). 2013; Apr;63(3):183-8. doi: 10.1093/occmed/kqt006. Epub 2013 Feb 21.
- The Centers for Disease Control and Prevention Stop Sticks Campaign <http://www.cdc.gov/niosh/stopsticks/sharpsinjuries.html>

**Product and package are latex free.**