


**3M** Science.  
Applied to Life.™

# Reducing Infection Risk at All Access Points




\*GIM 2016, Survey with International I.V. Clinicians.

A close-up portrait of an elderly woman with short, wavy white hair. She is smiling warmly at the camera, showing her teeth. She is wearing a brown quilted vest over a blue short-sleeved shirt. A medical IV line is visible on her left arm. Her hands are clasped in front of her. The background is a soft, out-of-focus indoor setting.

**Every  
patient  
deserves  
the best  
care you  
can provide**





Every intravenous (I.V.) site presents the potential for infection, dislodgement, skin damage, and other complications. These complications can potentially cause patient discomfort and pain, extended hospital stays, additional therapy, and surgical intervention—even increased patient mortality.

3M Science has delivered unique innovations that give you what you need to protect every I.V. catheter—from insertion to removal.

Our broad portfolio of high-quality products makes it easy for you to choose and use the right products: from transparent barrier films to securement devices, antimicrobial dressings, and disinfecting caps to skin protection.

We can help you deliver compassionate care with evidence-based products to protect patient and clinician safety, help prevent the risks of costly complications, and improve patient satisfaction.

**Antimicrobial  
Protection**

**Disinfection of  
Catheter Port**

**Catheter  
Securement**

**Bacterial and  
Viral Barrier**

**Skin  
Protection**

# Antimicrobial Protection

## Protect your most vulnerable patients

In Europe, central venous catheters cause an estimated 20,000 CRBSIs (Catheter-Related Bloodstream Infections) per year<sup>1</sup> resulting in around 2,300 deaths in ICU patients per year.<sup>2</sup> Given an estimated cost of care of CRBSI per patient of up to £10,000, CRBSIs add £200 million in cost annually to the European healthcare system.

All Tegaderm™ brand antimicrobial I.V. securement dressings are proven to reduce CRBSIs in patients with central venous and arterial catheters by 60%.<sup>3</sup>

- CHG antimicrobial protection
- Secure adhesion
- Gentle removal
- Site visibility
- Bacterial and viral barrier\*
- Breathability
- Easy application
- Patient comfort and mobility

\* *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.

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

### Protect against extraluminal contamination

3M™ Tegaderm™ Chlorhexidine Gluconate (CHG) I.V. Securement Dressing with an integrated antimicrobial CHG gel pad helps reduce the risk of CRBSIs by 60%.<sup>4</sup>

60%  
Extraluminal

3M Product	Central Venous Catheters						Peripheral Catheters			Specialty Catheters	
	CVC Jugular	CVC Subclavian	CVC Femoral	CVC Tunnelled	PICC	Port	PIV	Arterial	Midline	Epidural	Dialysis
Antimicrobial Protection											
3M™ Tegaderm™ Chlorhexidine Gluconate (CHG) I.V. Securement Dressing	1657R 1658R						1660R			1659R	
Disinfection of Catheter Port											
3M™ Curo™ Disinfecting Cap for Needleless Connectors	Curo™ Caps are intended for use on commonly used needleless connectors.										

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



1657R



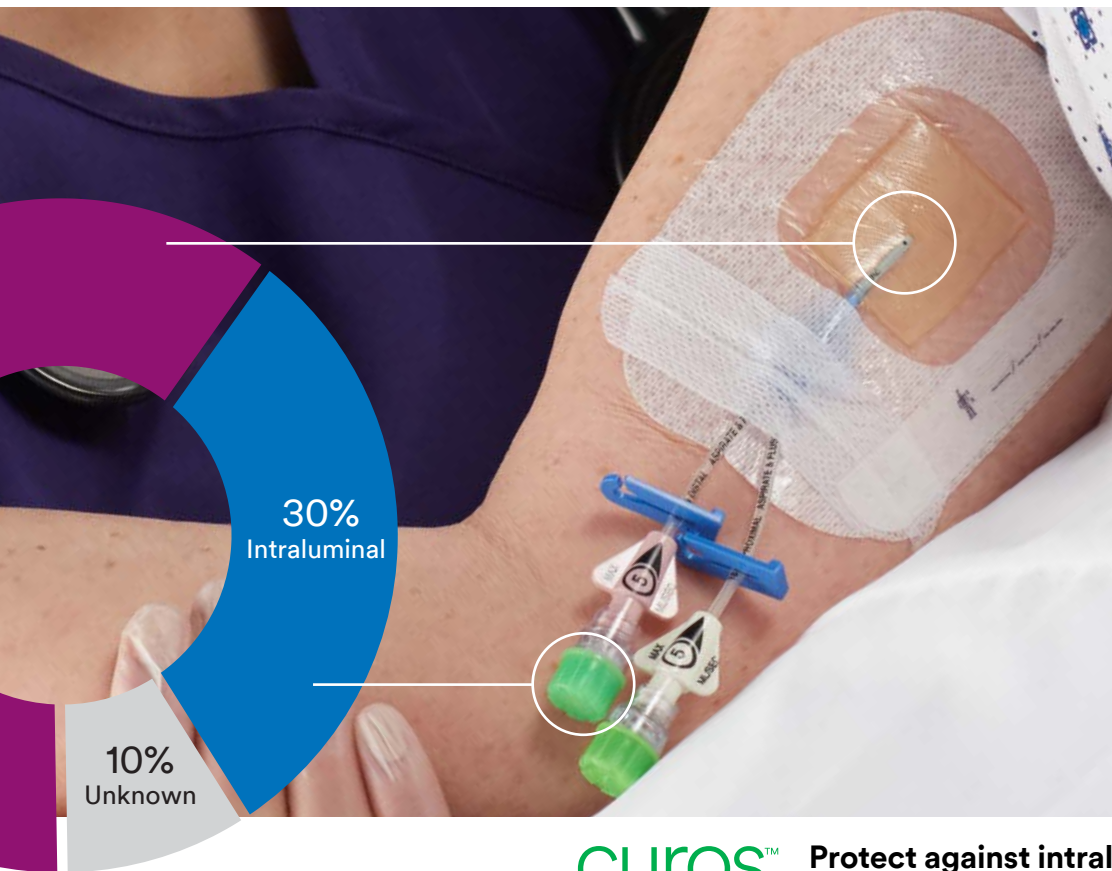
1660R

3M™ Curo™ Disinfecting Cap for Needleless Connectors



CFF10-250R

# Disinfection of Catheter Port



## Sources of CRBSIs

Microbes that cause CRBSIs have multiple access points. They can be caused by extraluminal contamination (bacteria originating on the surface of the skin and diffusing along the outside of the catheter) and intraluminal contamination (bacteria diffusing through a catheter lumen).<sup>5</sup>

**curo**s™  
Disinfecting Cap for  
Needless Connectors

## Protect against intraluminal contamination

3M™ Curo™ Disinfecting Cap for Needleless Connectors disinfect and protect needless connectors to help reduce the risk of contaminants from entering the catheter post-insertion.<sup>6</sup>

Peel



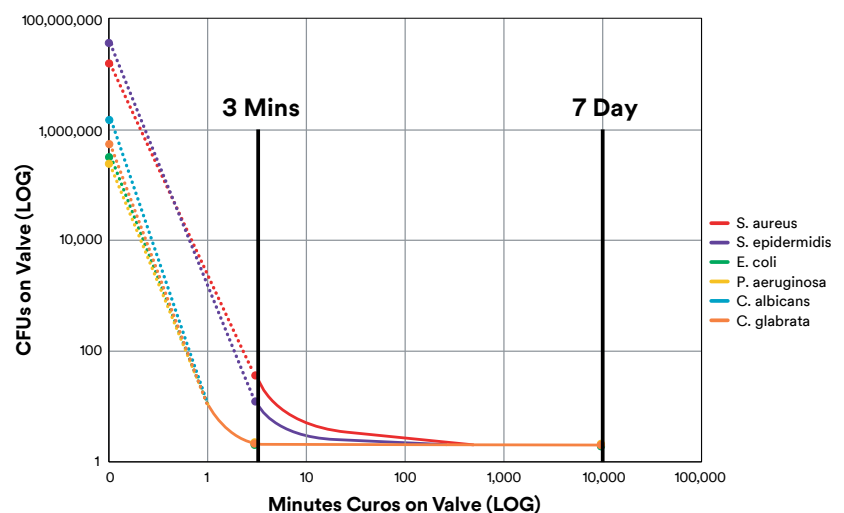
Twist



Curo™ Disinfecting Cap for Needleless Connectors is easy to use and eliminates user technique variation.

- Luer-locks securely onto needleless IV connectors by a simple Peel & Twist
- Disinfects in 3 minutes, based on foam soaked with 70% isopropyl alcohol (IPA)
- Keeps access site clean and protected for 7 days
- Strip delivery: readily available where needed
- Less time required by nurses compared to manual scrubbing
- Brightly colored caps aid in compliance efforts and verify that a port is clean at a glance

## Curo Disinfection Efficacy Over Time



Data reflects *in vitro* findings on Curo™ Disinfecting Port Protectors conducted by an independent laboratory (LGGs, Inc., Groveland, Florida, United States)

# Catheter Securement

## Security matters to you and your patients

Providing exceptional I.V. site care is a tough job. You're expected to ensure I.V. sites are stable and secure, manage the risks of healthcare-acquired infections, provide a positive patient experience, and keep an eye on the bottom line.

The Centers for Disease Control and Prevention (CDC) *Guidelines for the Prevention of Intravascular Catheter-Related Infections, 2011* and The Infusion Nurses Society (INS) *Infusion Therapy Standards of Practice, 2016*, recommend the use of a catheter stabilisation device for all I.V. catheters.<sup>7,8</sup>

Catheter stabilisation devices help secure and preserve the integrity of devices, minimise movement, prevent catheter dislodgement and may reduce the risk of infection for intravascular catheters.

All securement dressings are safe to be worn up to 7 days and provide:

- Secure adhesion
- Gentle removal
- Site visibility
- Bacterial and viral barrier\*
- Breathability
- Easy application
- Patient comfort and mobility

\* *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.





# Bacterial and Viral Barrier

## An excellent alternative to tape and gauze

3M™ Tegaderm™ Transparent Film Dressings consist of a thin, semi-permeable film backing that is occlusive to liquids, bacteria and viruses,\* yet water vapour, oxygen and carbon dioxide can easily be exchanged. The sterile film includes a hypoallergenic adhesive, that is not made with natural rubber latex, enabling long wear time and full site visibility to minimise unnecessary dressing changes.

### Added protection for moist conditions

3M™ Tegaderm™ Diamond Pattern are pattern-coated and 3M™ Tegaderm™ HP (Holding Power) Transparent Film Dressings have a special adhesive for greater holding power in humid conditions or with diaphoretic patients.

All Tegaderm™ brand transparent film dressings are safe to be worn up to 7 days and provide:

- Bacterial and viral barrier\*
- Site visibility
- Breathability
- Easy application
- Patient comfort and mobility

\* *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.

3M Product	Central Venous Catheters						Peripheral Catheters			Specialty Catheters		
	CVC Jugular	CVC Subclavian	CVC Femoral	CVC Tunnelled	PICC	Port	PIV	Arterial	Midline	Epidural	Dialysis	Paediatric
<b>Bacterial and Viral Barrier</b>												
3M™ Tegaderm™ Transparent Film Dressing	1626W						1623W 1624W		1626W	1626W		1622W
3M™ Tegaderm™ Diamond Pattern Film Transparent Dressing	1686						1684		1686	1686		
3M™ Tegaderm™ Standard Securement Dressing	1635						1633					1610

3M™ Tegaderm™  
Transparent Film  
Dressing



1624W

3M™ Tegaderm™  
Diamond Pattern Film  
Transparent Dressing



1686

3M™ Tegaderm™  
Standard Securement  
Dressing



1633

# Skin Protection

## Take a proactive approach to skin health

Maintenance of healthy skin around a vascular access device is critical to reducing the risk of infection, maintaining a securement dressing or device, and patient comfort. Although Medical Adhesive-Related Skin Injuries (MARSI) can be a prevalent and serious complication, they do not need to be an inevitable part of the patient experience. Skin integrity can be maintained even when repeated dressing changes are required. Preparation of the skin and selection of proper adhesives are the first steps to help minimise the risks of MARSI.<sup>11</sup>





### Protecting the skin

3M™ Cavilon™ No Sting Barrier Film forms a protective coating between the skin and the adhesive of the securement dressing, device or tape to help prevent MARSI. When an adhesive product is removed from the skin, Cavilon No Sting Barrier Film is removed instead of skin cells.

- The original alcohol-free barrier film
- CHG-compatible; available in 1ml and 3ml wands with a sterile peel-open package to allow aseptic technique<sup>12</sup>
- Over 60 pieces of clinical evidence support its efficacy and cost-effectiveness<sup>13</sup>





Clinical Need	Product	Product Number	CHG Gel Pad Size	Overall Dressing Size	Units/ Box	Boxes/ Case
Antimicrobial Protection	3M™ Tegaderm™ Chlorhexidine Gluconate (CHG) I.V. Securement Dressing					
		1657R	3 cm x 4 cm	8,5 cm x 11,5 cm	25	4
		1658R	3 cm x 4 cm	10 cm x 12 cm	25	4
		1659R	3 cm x 7 cm	10 cm x 15,5 cm	25	4
		1660R	2 cm x 2 cm	7 cm x 8,5 cm	25	4
Disinfection of Catheter Port	Curo™ Disinfecting Cap for Needleless Connectors					
		CFF1-270R	3M™ Curo™ Disinfecting Cap for Needleless Connectors		270	20
		CFF10-250R	3M™ Curo™ Disinfecting Cap Strip for Needleless Connectors		25 strips 10 per strip	20
Catheter Securement	3M™ Tegaderm™ I.V. Advanced Securement Dressing					
		1680		3,8 cm x 4,5 cm	100	4
		1681		7 cm x 8 cm	100	4
		1682		5 cm x 5,7 cm	100	4
Bacterial and Viral Barrier	3M™ Tegaderm™ Transparent Film Dressing Frame Style					
		1622W	4,4 cm x 4,4 cm		100	4
		1623W	6 cm x 7 cm ported		100	4
		1624W	6 cm x 7 cm		100	4
		1626W	10 cm x 12 cm		50	4
		1630	10 cm x 11,5 cm		50	4
	3M™ Tegaderm™ Standard Securement Dressing					
		1610	5 cm x 5,7 cm		100	4
		1633	7 cm x 8,5 cm		100	4
		1635	8,5 cm x 10,5 cm		100	4
	Skin Protection	3M™ Cavilon™ No Sting Barrier Film				
		3343	1.0mL Wand		25	4
		3344	1.0mL Wipe		25	4
		3345	3.0mL Wand		25	4

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To learn more about how 3M can help you and your facility protect clinician and patient safety, prevent costly I.V. site complications, and improve patient satisfaction, contact your 3M Critical & Chronic Care Solutions representative from the local 3M subsidiary.

For more information, go to [3M.com/C3SD](http://3M.com/C3SD)

#### About 3M

At 3M, we apply science in collaborative ways to improve lives daily. With \$30 billion in sales, our 90,000 employees connect with customers all around the world. Learn more about 3M's creative solutions to the world's problems at [www.3M.com](http://www.3M.com) or on Twitter @3M or @3MNewsroom.



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