
3M
Science.
Applied to Life.™
PROXIMAL 18GA
DISTAL 16GA
Reducing infection risk at all access points.
ENDORSED
BY
I.V. INTERNATIONAL SPECIALISTS*
*GIM 2016, Survey with International I.V. Clinicians.


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 incidents can potentially cause patient discomfort and pain, extended hospital stays, additional therapy, and surgical intervention – even increased patient mortality.

3M science has delivered unique solutions 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 solution: from barrier films to securement devices, antimicrobial dressings and disinfecting caps.

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

Antimicrobial protection extraluminal

Antimicrobial protection intraluminal

Catheter securement

Bacterial and viral barrier

Skin protection

Antimicrobial protection extraluminal

Protect your most vulnerable patients.

In Europe, central venous catheters cause an estimated 20,000 Catheter-Related Bloodstream Infections (CRBSIs) per year[1] resulting in around 2,300 deaths in ICU patients per year.[2] Given an estimated cost of care of CRBSI per patient of up to £9,900,[3] CRBSIs add almost £200 million in cost annually to the European healthcare system.

3M™ Tegaderm™ Chlorhexidine Gluconate (CHG) I.V. Securement Dressings are proven to reduce CRBSIs in patients with central venous and arterial catheters by 60%.[4] They offer:

- 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.

Protect against extraluminal contamination.

Patients receiving intravenous medication are less likely to contract a bloodstream infection if the insertion site is covered by the Tegaderm CHG I.V. securement dressing, as recommended by the National Institute for Health and Care Excellence (NICE).[3]

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™ PICC/CVC Securement Device + CHG I.V. Securement Dressing	1877R–2100, 1879R–2100										
3M™ Tegaderm™ Chlorhexidine Gluconate (CHG) I.V. Securement Dressing	1657R, 1658R, 1659R						1660R			1658R	
3M™ Tegaderm™ Chlorhexidine Gluconate (CHG) Gluconate I.V. Port Dressing						1665R					
Disinfection of catheter port											
3M™ Curos™ Disinfecting Cap for Needleless Connectors	CFF10-250R, CFF1-270R Curos caps are intended for use on commonly used needleless connectors.										
3M™ Curos™ Disinfecting Cap for Open Female Luers	CSV5-250R, CSV1-270R Curos stopper caps are intended for use on open female luers such as catheter hubs and stopcocks.										

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

1877R–2100

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

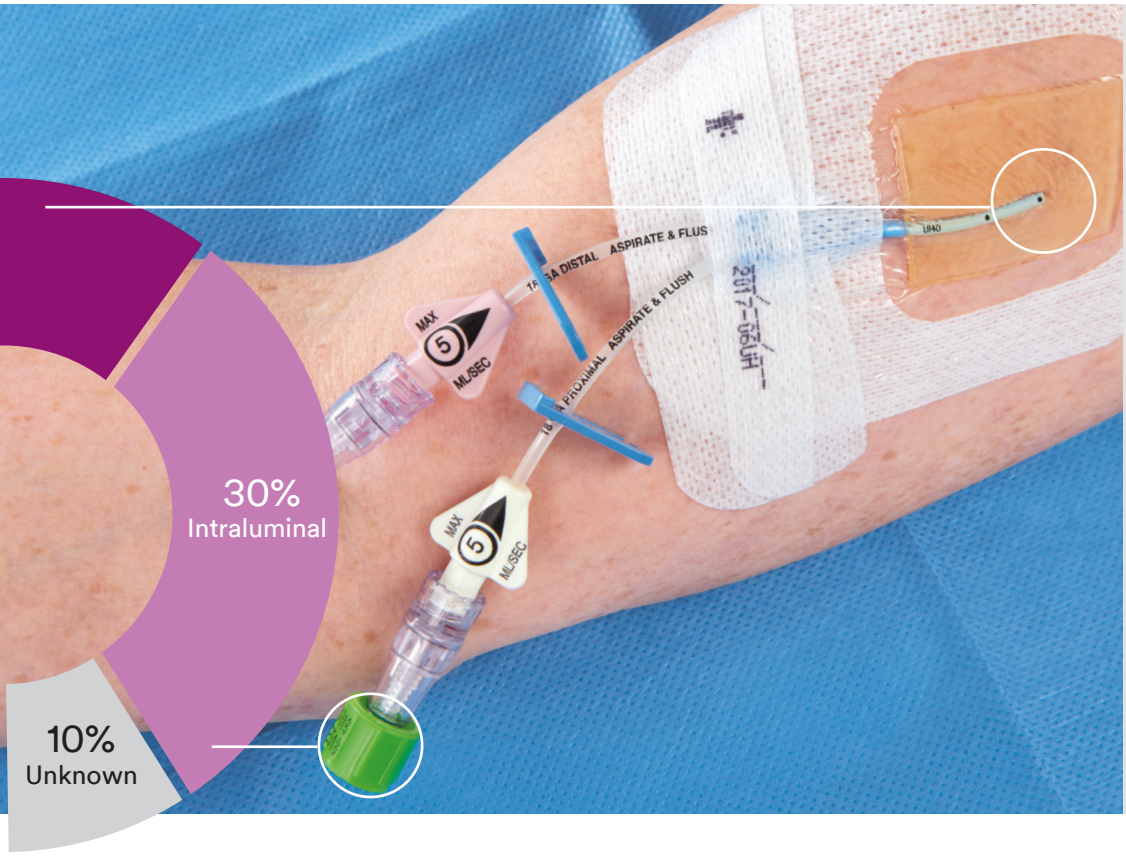
1657R 1660R

3M™ Curos™ Disinfecting Cap for Open Female Luers and Needleless Connectors

CSV5-250R
CSV1-270R

CFF10-250R
CFF1-270R

Antimicrobial protection intraluminal



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).[5]

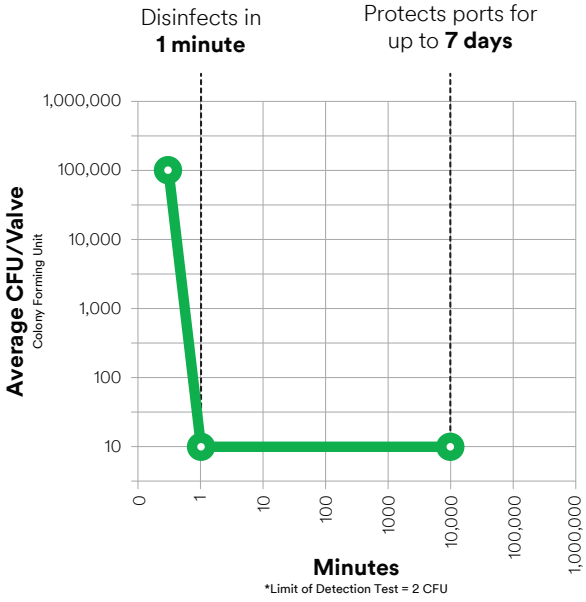
Protect against intraluminal contamination.

3M™ Curos™ Disinfecting Caps for Needleless Connectors disinfect and protect needleless connectors to help reduce the risk of contaminants from entering the catheter post-insertion.[6]

Curos disinfecting cap for needleless connectors is easy to use and eliminates variations in technique.

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

Curos disinfection efficacy over time.



Data reflects in vitro findings on Curos 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, all in a cost-effective manner.

The RCN (Royal College of Nursing) Standards for Infusion Therapy (3rd edition, Jan 2010) recommend the use of a manufactured catheter securement device whenever feasible.[7]

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 3M™ Tegaderm™ IV Securement Dressings are safe to be worn up to seven 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.

3M™ Tegaderm™ I.V. Advanced Securement Dressing

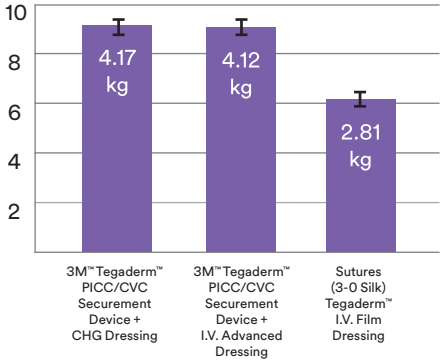
3M™ Tegaderm™ I.V. Advanced Securement Dressings include a deep notch, stabilisation border, pattern-coated adhesive and dual adhesive technology to provide the comfort and protection your patients deserve. These dressings meet the CDC (Centers for Disease Control and Prevention) and INS (Infusion Nurses Society) definitions as a catheter securement or stabilisation device.[8,9]

3M™ Tegaderm™ PICC/CVC Securement System

Choose 3M™ Tegaderm™ PICC/CVC Securement Device + I.V. Securement Dressing if your facility protocol requires a separate stabilisation device, or for more active patients and other situations requiring the highest level of catheter securement. The Tegaderm PICC/CVC securement systems were designed to minimise catheter migration and dislodgement complications yet remove gently, without causing patients undue pain or distress.[10,11]

In vivo testing comparing the mean pull force required to dislodge an inserted CVC catheter, with various securement devices, showed that the Tegaderm PICC/CVC securement systems could withstand significantly higher pull force than sutures (greater by almost 50%).[10]

Mean pull force required to dislodge inserted CVC catheter[10]



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
Catheter securement												
3M™ Tegaderm™ PICC/CVC Securement Device + I.V. Advanced Securement Dressing	1837–2100, 1839–2100											
3M™ Tegaderm™ I.V. Advanced Securement Dressing	1685, 1688, 1659						1681	1683		1685, 1688		1680 1682
3M™ Tegaderm™ I.V. Transparent Film Dressing with Adhesive-Free Window						1668						

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

1837–2100

3M™ Tegaderm™ I.V. Advanced Securement Dressing

1680

1681

1685

1689

Bacterial and viral barrier

Effective and flexible securement.

3M™ Tegaderm™ Transparent Film Dressings consist of a thin, semi-permeable film backing that is impermeable to liquids, bacteria and viruses,* yet water vapour, oxygen and carbon dioxide can easily escape. The sterile film includes a latex free hypoallergenic adhesive enabling long wear time and full site visibility to minimise unnecessary dressing changes.

Added protection for moist conditions.

3M™ Tegaderm™ Diamond Transparent Film Dressings have a highly breathable film for a firm hold and gentle release. 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 transparent film dressings are safe to be worn for up to seven 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.

	Central venous catheters						Peripheral catheters			Specialty catheters		
3M product	CVC jugular	CVC subclavian	CVC femoral	CVC tunnelled	PICC	Port	PIV	Arterial	Midline	Epidural	Dialysis	Paediatric
Bacterial and viral barrier												
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 1650 1616						1633					1610

3M™ Tegaderm™ Transparent Film Dressing

1624W

3M™ Tegaderm™ Diamond Pattern Film Transparent Dressing

1686

3M™ Tegaderm™ I.V. 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. Medical Adhesive-Related Skin Injuries (MARSI) at infusion catheter sites can be a significant problem especially for patients with fragile skin. 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.[12]

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[13]
- Over 60 pieces of clinical evidence support its efficacy and cost-effectiveness[14]

Clinical need	Product	Product number	CHG gel pad size	Overall dressing size	Units/box	Boxes/case
Antimicrobial protection extraluminal	**3M™ Tegaderm™ PICC/CVC Securement Device + CHG I.V. Securement Dressing**					
		1877R-2100	3 cm x 4 cm	8.5 cm x 11.5 cm	20	4
		1879R-2100	3 cm x 7 cm	10 cm x 15.5 cm	20	4
	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	0 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
	3M™ Tegaderm™ Chlorhexidine Gluconate (CHG) Gluconate I.V. Port Dressing					
		1665R	6.2 cm x 4.9 cm	12 cm x 12 cm	25	4
Antimicrobial protection intraluminal	**3M™ Curos™ Disinfecting Cap for Needleless Connectors**					
		CFF1-270R	3M™ Curos™ Disinfecting Cap for Needleless Connectors		270	20
		CFF10-250R	3M™ Curos™ Disinfecting Cap Strip for Needleless Connectors		25 strips 10 per strip	20
	3M™ Curos™ Disinfecting Cap for Open Female Luers					
		CSV1-270R	3M™ Curos™ Stopper Disinfecting Cap for Open Female Luers		270	8
		CSV5-250R	3M™ Curos™ Stopper Disinfecting Cap Strip for Open Female Luers		50 strips 5 per strip	8
	3M™ Curos™ Disinfecting Cap for Tego® Hemodialysis Connectors					
		CTG1-270R	3M™ Curos™ Disinfecting Cap For Tego® Hemodialysis Connectors		270	8

Clinical need	Product	Product number	Overall dressing size	Units/box	Boxes/case
Catheter securement	**3M™ Tegaderm™ PICC/CVC Securement Device + I.V. Advanced Securement Dressing**				
		1837-2100	8.5 cm x 11.5 cm	20	4
		1839-2100	10 cm x 15.5 cm	20	4
	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
		1685	8.5 cm x 11.5 cm	50	4
		1688	10 cm x 12 cm	50	4
		1689	10 cm x 15.5 cm	25	4
	3M™ Tegaderm™ I.V. Transparent Film Dressng with Adhesive-Free Window				
		1668	12 cm x 12 cm	25	4

Clinical need	Product	Product number	Size	Units/box	Boxes/case
Bacterial and viral barrier	**3M™ Tegaderm™ Diamond Film Transparent Dressing**				
		1684	6 cm x 7 cm	100	4
		1686	10 cm x 12 cm	50	4
	3M™ Tegaderm™ Transparent Film Dressing				
		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
	3M™ Tegaderm™ I.V. 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
	3M™ Tegaderm™ I.V. Transparent Film Roll				
		16002	5 cm x 10 m	1	4
		16004	10 cm x 10 m	1	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

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 **0330 053 8938**.

1 European Markets for Vascular Access Devices iData Research 2014.

2 Soufir et al. Attributable mortality rate of 11.5%, Ziegler 2012; Renaud and Brun-Buisson 2001; 1999.

3 The 3M Tegaderm CHG IV securement dressing for central venous and arterial catheter insertion sites (2015) NICE medical technologies guidance MTG25.

4 Timsit JF, Mimoz O, Mourvillier B, 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: 1272-1278.

5 Mermel LA. Prevention of Intravascular Catheter-Related Infections. *Ann Intern Med.* 2000; 132:391-402.

6 Merril K. et al. 2014. Impact of universal disinfectant cap implementation on central line-associated bloodstream infections. *American Journal of Infection Control*: Volume 40 Number 12; December 2014.

7 Royal College of Nursing, Standards for infusion, 3rd edition January 2010, ISBN 978-1-906633-19-6.

8 Centers for Disease Control and Prevention. Guidelines for the Prevention of Intravascular Catheter-Related Infections, 2011. Available at: http://www.cdc.gov/hicpac/pdf/guidelines/bsi-guidelines-2011.pdf

9 Infusion Nurses Society (INS). Infusion Therapy Standards of Practice. INS; 2016.

10 Rutledge LF, DeCabooter DP, Walters SA, Bernatchez SF. Catheter securement systems: comparison of two investigational devices to a sutureless securement device, a securement dressing, and sutures in a pig model. *Intensive Care Med Exp.* 2015; 3: 24.

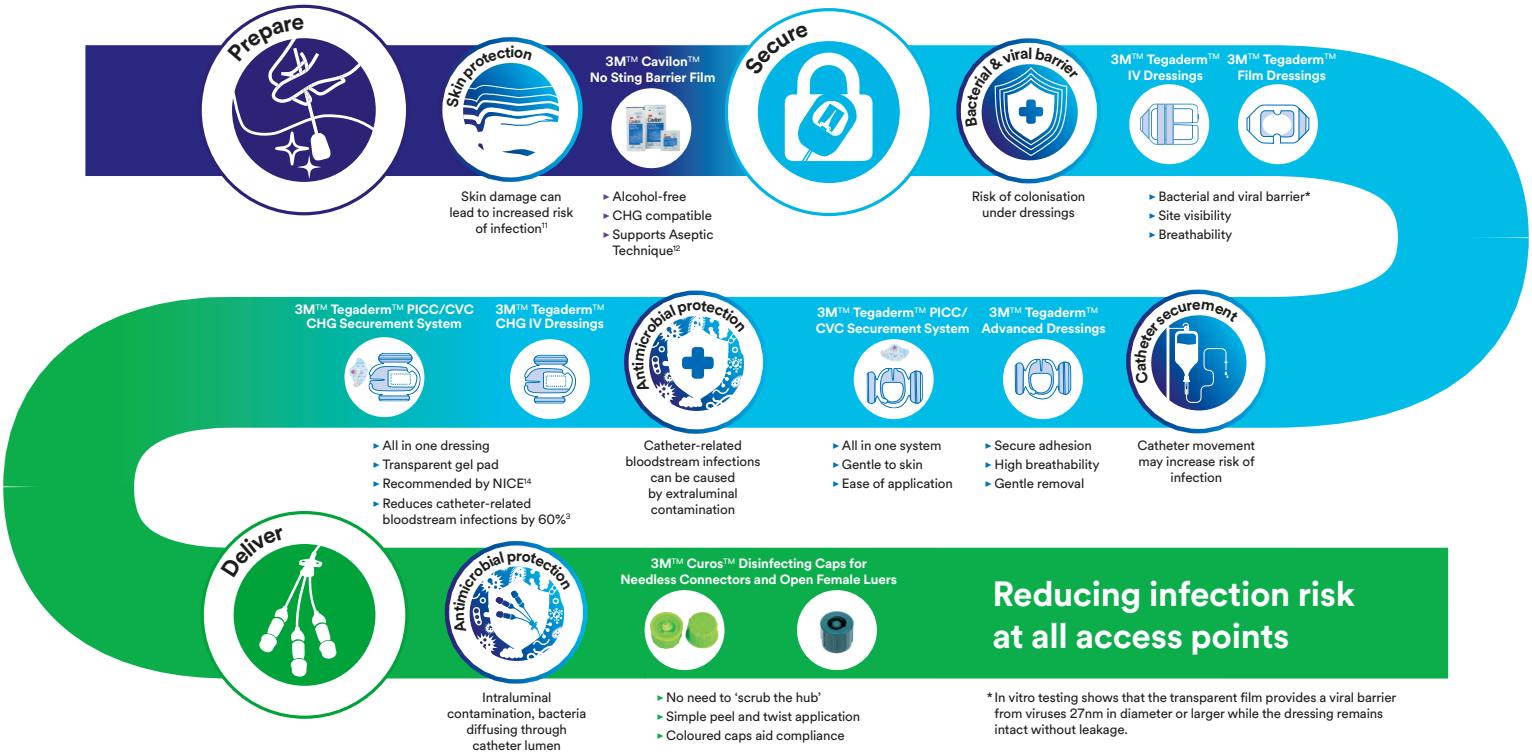
11 3M Data on file (#12858).

12 McNichol L, Lund C, Rosen T, Gray M. Medical Adhesives and Patient Safety: State of the Science. *Journal Wound Ostomy Continence Nursing.* 2013; 40(4): 365-380.

13 3M Data on file (#005732).

14 3M Health Care. 3M™ Cavilon™ No Sting Barrier Film. Clinical Evidence Summaries. 2012.

Vascular access pathway.



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