



3M

CuROS™

Disinfecting Port
Protectors

Implementation Guide

Your one-stop-shop for
3M™ CuROS™ Disinfecting Port Protectors resources.

A service provided by the 3M™ Peak™ Clinical Outcomes Program.



Your implementation resources

Thank you for partnering with us and implementing 3M™ Curo™ Disinfecting Port Protectors for your facility! As part of the 3M™ Peak™ Clinical Outcomes Program, we're proud to provide you with the resources you need to drive change at your facility and achieve the outcomes most important to your patients, your organization and you.

This comprehensive guide will lead you through the resources available through the Peak Program to successfully implement Curo disinfecting port protectors into your facility. If you see a resource you'd like to use, you will be able to find the item in the digital resource center (3M.com/Peak/IVcare) or request it from your 3M Account Manager.



**Visit the digital resource center
at 3M.com/Peak/IVcare**



Call your Account Manager

All patients, all IV access points, all the time.

Use the entire family of 3M™ Curoso™ Disinfecting Port Protectors to reduce risks across all intraluminal access points.

Disinfects in 1 minute

Protects ports for up to 7 days if not removed

Twists on, stays on

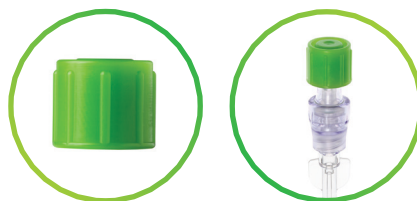
Brightly colored for visual verification and auditing

Single use only

Available in singles and strips*

**Supported by
3M™ Peak™ Clinical
Outcomes Program**

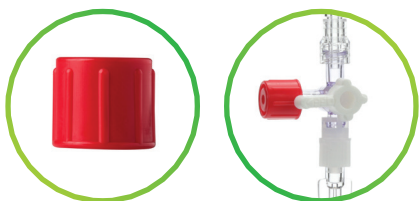
*varies by product
Refer to the Instruction for Use for complete information related to the use of Curoso Disinfecting Port Protectors.



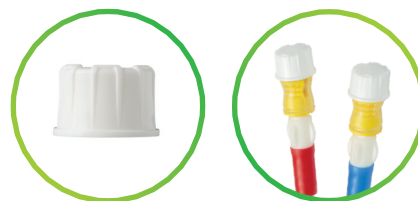
3M™ Curoso Jet™
Disinfecting Cap for Needleless
Connectors



3M™ Curoso™
Disinfecting Cap for Needleless
Connectors



3M™ Curoso™ Stopper
Disinfecting Cap for Open
Female Luers



3M™ Curoso™
Disinfecting Cap For Tego®
Hemodialysis Connectors



3M™ Curoso Tips™
Disinfecting Cap For Male Luers



Identify

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Identify

In the Identify phase, we offer a variety of resources that will help your facility identify opportunities for improvement and gaps in practice, as well as to help track compliance to existing protocols. We offer customizable resources to make your auditing, compliance, and reporting processes as easy as possible. Whether you prefer online or manual tracking, we have the resources to streamline the process. In addition, you will find dashboards you can use to communicate results facility-wide so that everyone is reminded of their progress towards achieving high compliance and positive outcomes for patients.

The success of using 3M™ Curo™ Disinfecting Port Protectors to protect against contamination depends on the compliance of cap usage within your facility. If the cap is not on the IV access point, it cannot disinfect and protect the access point which leads directly to the bloodstream. To help you achieve high compliance, we will partner with you to implement comprehensive auditing programs, as well as conduct full point prevalence studies.

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Port Compliance and Auditing

Each facility will assign a clinician to champion the 3M™ Curoso™ Disinfecting Port Protector compliance program. Each audit form will be filled out by the facility-assigned champion and his/her auditing team.

There are two items that can be measured: Patient Compliance and Port Compliance, as defined below.

Definitions

- **Patient Compliance:** Percentage of audited patients with all non-accessed IV access points covered with Curoso disinfecting port protectors per facility protocol.
- **Port Compliance:** Percentage of audited, non-accessed IV access points covered with Curoso disinfecting port protector per facility protocol.
- **IV Access Point:** Based on facility specific disinfecting cap protocol; this can be needless connectors, male luers and/or open female luers.

For both patient and port compliance, 3M recommends facilities aim to achieve 85% compliance or greater. This percentage is based on a study that demonstrated that the use of an intervention including Curoso disinfecting caps at a compliance rate of 85% or greater decreased the rate of CLABSIs by 87% (p=0.03).¹

1. Sweet MA, Cumpston A, Briggs F, Craig M, Hamadani M. Impact of alcohol-impregnated port protectors and needless connectors on central line-associated bloodstream infections and contamination of blood cultures in an inpatient oncology unit. *Am J Infect Control.* 2012; 40(10): 931-934.

We have found that facilities achieve the most success by following this auditing process:



1. 21-Day Challenge

This easy, quick audit should begin immediately after inservicing is completed and last for 21 days.* Auditors will be checking 10 random patients per unit:

- *Audit 10 random patients per unit every day, each shift.*
- *Use the Yes/No audit form that measures patient compliance*
- *Track and display results in the 21-Day Challenge Calendar*

Many facilities have implemented the 21-Day Challenge as a contest, with units challenging other units to see who can achieve the highest compliance (85% or greater) in the shortest amount of time. We recommend patient compliance rates be maintained at 85% or greater to achieve the greatest outcomes.

2. Weekly Audits

Once the 21-Day Challenge is complete, you can move to conducting Weekly Audits. During this audit, you will be measuring both patient and port compliance. This audit will be completed on a weekly basis.

For the Weekly Audit:

- *Audit 10 random patients, one time a week, each shift.*
- *Use the Total Cap Audit form that measures both Port Compliance and Patient Compliance*
- *Track and display results in the Unit-by-Unit Dashboard*

If you find that certain units are slipping below 85% patient compliance, we recommend conducting another 21-Day Challenge in those units.

3. Monthly Audits

Once every unit is achieving 85% or greater compliance, your team can then move to Monthly Audits.

The Monthly Audit utilizes the same compliance tools as the Weekly Audit; however, it is only performed monthly.

If you find that certain units are slipping below 85% compliance, return to conducting Weekly Audits or implement another 21-Day Challenge in those units.

*The audit lasts for 21 days because research shows that it takes 21 days to form a habit.

3M™ Peak™ Assessment Tool

We offer a vascular access assessment tool that empowers you to drive compliance by streamlining the review process and by receiving customized, real-time feedback without additional paperwork and data entry. We understand every journey toward zero complications is unique, which is why our assessment tool allows you to choose scope, frequency, data collection method and how to define success.

A web portal allows facility administrators to customize the specific parameters they would like to track. Then, clinicians can use the app to minimize auditing times by tracking information electronically. Additionally, compliance dashboards offer a 360° view of unit-by-unit adoption rates and give your facility the ability to celebrate successes at the unit level.

The 3M™ Peak™ Assessment Tool allows you to input data directly into the app and create dashboards. If you prefer entry via paper, you can also print forms from the assessment tool.



Call your Account Manager



Increased compliance in addition to an existing central line bundle can result in better patient outcomes

One study found a



10% increase

in nurse compliance to disinfecting caps

resulted in a



7% drop

in infection rates.³



3. Merrill KC, Sumner S, Linford L, Taylor C, and Macintosh C. Impact of universal disinfectant cap implementation on central line-associated bloodstream infections. *American Journal of Infection Control* 42 (2014) 1274-7.

21-Day Challenge Auditing Form

What is it? This 21-Day Challenge audit form is an assessment resource that can be used to quickly assess 3M™ Curoso™ Disinfecting Port Protector patient compliance (measure of whether or not ALL of the open IV access points are covered on a particular patient).

When do you use it? You will utilize this 21-Day Challenge audit form when you are measuring Curoso disinfecting port protectors patient compliance during your 21-Day Challenge.

How do you complete the process? To complete the 21-Day Challenge, you will use the 21-Day Challenge audit form and audit 10 patients per unit, every shift (AM and PM) and every day for a total of 21 days.

How to fill out the 21-Day Challenge audit form:

1. The date, unit, shift and auditor fields at the top of the form should be filled out at the time the audit is being performed.

2. Room Number column is where you will place your patient identifier. Use only the room number to avoid the inclusion of patient identifiable information.

3. Are ALL Curoso disinfecting port protectors in place: YES Column

- The YES column is checked when every non-accessed IV access point is covered with a Curoso disinfecting port protector (per facility policy).

4. Are ALL Curoso disinfecting port protectors in place: NO Column

- The NO column is checked when one or more non-accessed IV access points are not covered with a Curoso disinfecting port protector (per facility policy).

5. The comments column is used for general comments and/or observations. This can help you track observations that may necessitate further education. You may also use this column to provide positive feedback, when applicable.

- For example: "Missing Curoso Cap on upper most y-site of IV tubing."

- If the auditor notices similar, recurrent and/or misuse comments ("Missing Curoso Cap on upper most y-site of IV tubing"), it could be used as an opportunity to re-educate the need to place Curoso disinfecting port protectors on all appropriate non-accessed IV access points.

6. Total patient compliance is calculated at the bottom of the form

- Percent patient compliance = total number of checked Yes boxes divided by total number of patients audited.

- This percent patient compliance can then be tracked for each shift/unit by placing the data into the 21-day calendar and/or the master compliance dashboard.



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at 3M.com/Peak/IVcare**



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Date _____ Unit _____

Shift _____ Auditor _____

21-Day Challenge Auditing Form

Room #	Are all 3M™ CuroS™ Disinfecting Port Protectors in place?		Comments
	Yes	No	
Totals			Total Patients audited:

Patient compliance rate = / =
 # of Yes / Total # of patients audited

21-Day Challenge Auditing Calendar

This resource allows you to create a simple, visual display for each unit, so that each unit and each shift can track their 3M™ Curoc™ Disinfecting Port Protector patient compliance during the 21-Day Challenge.

Put the number (%) of patient compliance rate from the bottom of your 21-Day Challenge auditing form into the correct date and time slot within the 21-Day Challenge Calendar. This calendar can be printed off and hung up in appropriate high traffic areas within a unit so that clinicians can see their compliance rates and celebrate successes towards positive patient outcomes.

If you are not using the 3M™ Peak™ Assessment Tool, use the Patient and Port Compliance Dashboard (Excel file) to input your data and create your compliance calendar.



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21-Day Challenge

3M™ Curos™ Disinfecting Port Protector Compliance Calendar

1. Enter start date in first box and complete calendar.
2. Audit patients using Curos 21-Day Challenge Auditing Form every day for 21 days on both day and night shifts.
3. Calculate compliance rate.
4. Enter compliance rate on calendar — Days above the line, nights below.

Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
AM	AM	AM	AM	AM	AM	AM	AM	AM	AM
PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
AM	AM	AM	AM	AM	AM	AM	AM	AM	AM
PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
AM	AM	AM	AM	AM	AM	AM	AM	AM	AM
PM	PM	PM	PM	PM	PM	PM	PM	PM	PM

Identify

It takes 21 days to form a habit — Let's do this!

Total Cap Count Audit Form

What is it? This Total Cap Audit Form is an assessment resource that can be used to monitor 3M™ Curo™ Disinfecting Port Protectors compliance. This form measures overall patient and individual port (IV access point) compliance.

When do you use it? You will utilize this Total Cap Audit Form when you are measuring Curo disinfecting port protector compliance during weekly or monthly audits.

How do you complete the process?

- When performing weekly audits, you will use the Total Cap Audit Form to audit 10 patients per unit, every shift (AM and PM) one time per week. We recommend performing weekly audits until disinfecting cap compliance has reached 85% or greater on each unit, then switch to monthly audits.
- When performing monthly audits, you will use the Total Cap Audit Form to audit 10 patients per unit, every shift (AM and PM) one time per month. The goal is to maintain ongoing disinfecting cap compliance of 85% or greater² and performing audits a minimum of monthly.
 - If disinfecting cap compliance starts to decrease, return to weekly audit schedule or perform another 21-Day Challenge.

How to fill out the Total Cap Audit Form:

- **The date, unit, shift and auditor fields at the top of the form should be filled out at the time the audit is being performed.**
- **Room Number column is where you will place your patient identifier. Use only the room number to avoid the inclusion of patient identifiable information.**
- **Number (#) Uncapped IV Access Points column**
 - Count the total number of non-accessed IV access points that are not covered with a Curo disinfecting port protector (per facility policy).
 - o If all non-accessed IV access ports are covered with a Curo disinfecting port protector, then the Uncapped Ports column would be marked zero (0).
- **Number (#) Capped IV Access Points column**
 - Count the total number of non-accessed IV access points that are covered appropriately with a Curo disinfecting port protector (per facility policy).
 - o If there are 10 non-accessed IV access ports and all 10 are appropriately covered with a Curo disinfecting port protector, then the # Capped Ports column would be marked ten (10).
- **The comments column is used for general comments and/or observations. This can help you track observations that may necessitate further education or provide positive feedback, when applicable.**
 - For example: "Missing Curo Cap" on upper most y-site of IV tubing.
 - If the auditor notices similar, recurrent and/or misuse comments ("Missing Curo Cap on upper most y-site of IV tubing"), it could be used as an opportunity to reeducate the need to place Curo disinfecting port protectors on all appropriate non-accessed IV access points.
- **Total Patient and Port Compliance rates are calculated at the bottom of the form.**
 - Total the number of uncapped and capped IV access points at the bottom of the form marked "Totals."
 - o Then add the totals together and document in the "Sum=" box.
 - Patient Compliance = total number of patients with zero (0) missing Curo products divided by the total number of patients audited (this number is usually ten).
 - Port Compliance = total number of appropriately capped IV access points divided by the total number of IV access points audited (the number in the Sum box).
 - o These percentages can then be tracked for each shift/unit by placing it into the patient and port compliance dashboards.



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at 3M.com/Peak/IVcare



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2. Sweet MA, Cumpston A, Briggs F, Craig M, Hamadani M. Impact of alcohol-impregnated port protectors and needleless connectors on central line-associated bloodstream infections and contamination of blood cultures in an inpatient oncology unit. *Am J Infect Control.* 2012; 40(10): 931-934



Date _____ Unit _____

Shift _____ Auditor _____

Total Cap Count Audit Form

Room #	# Uncapped IV Access Points	# Capped IV Access Points	Comments
Totals			Sum=

Patient Compliance rate = / =
 # of patients with zero missing / total # of patients audited

Port Compliance rate = / =
 # of capped IV Access Points / total # of IV Access Points audited

Patient and Port Compliance Dashboard

This editable resource allows you to input your unit-by-unit data and assess 3M™ Curo™ Disinfecting Port Protector compliance on a master dashboard.

This will help you to monitor trends in your compliance data. The dashboards can be used to track both patient and port compliance.

If you are not using the 3M™ Peak™ Assessment Tool, use the Patient and Port Compliance Dashboard (Excel file) to input your data and create your dashboards.



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CUROS PATIENT COMPLIANCE DASHBOARD

DEPARTMENT	GOAL	1/24	1/31	2/7	2/14	2/21	2/28	3/7	3/14	3/21	3/28	4/4	4/11	4/18	4/25	5/2
ICU	90%	50%	60%	64%	94%	70%	76%	80%	82%	84%	90%	92%	94%	94%	88%	98%
SICU	90%	56%	60%	90%	76%	68%	70%	70%	76%	92%	80%	88%	90%	78%	94%	96%
2 West Tele	90%	40%	75%	83%	50%	92%	58%	75%	92%	83%	92%	92%	58%	100%	93%	100%
2 East Stepdown	90%	78%	76%	64%	70%	76%	78%	74%	84%	88%	88%	90%	92%	82%	98%	100%
2 North Ortho	90%	60%	72%	70%	76%	78%	90%	80%	70%	88%	90%	86%	94%	98%	96%	98%
IP Dialysis	90%	56%	60%	76%	78%	70%	80%	72%	84%	86%	88%	90%	94%	74%	98%	100%
Cardiac Rehab	90%	78%	92%	88%	70%	94%	78%	74%	80%	74%	80%	84%	88%	92%	96%	88%
3 West Med. Surge	90%	60%	68%	64%	76%	78%	80%	74%	90%	86%	88%	84%	90%	96%	94%	98%
3 East Rehab	90%	54%	76%	64%	92%	76%	90%	78%	66%	90%	88%	90%	92%	94%	96%	98%
3 North Rehab	90%	64%	70%	76%	78%	80%	78%	82%	84%	86%	74%	88%	92%	70%	86%	98%
4 West Tele	90%	80%	52%	58%	64%	70%	76%	78%	74%	82%	90%	86%	88%	90%	96%	100%
4 East Oncology	90%	56%	60%	70%	76%	78%	78%	74%	92%	84%	88%	90%	92%	92%	94%	82%
5 West Tele	90%	50%	76%	96%	66%	72%	76%	90%	84%	74%	90%	94%	74%	98%	70%	96%
5 Center ICU	90%	40%	50%	75%	50%	93%	58%	67%	75%	92%	83%	92%	83%	90%	93%	100%
PICU	90%	76%	54%	58%	96%	70%	76%	80%	90%	88%	72%	96%	100%	98%	78%	96%
Facility Average		60%	67%	73%	74%	78%	76%	77%	82%	85%	85%	89%	88%	90%	91%	97%
LEGEND		>90%				75%-89%			<75%							

Default values for dashboard colors are based on a study that demonstrated that the use of an intervention including disinfecting port protectors at a compliance rate of 85% or greater decreased the rate of CLABSIs by 87% (p=0.03).⁵ Dashboard colors are for visual identification purposes only and do not reflect 3M’s assessment of compliance rates. You may modify the default compliance rates associated with each color at any time.

5. Sweet MA, Briggs F, Craig M, Hamadani M. Impact of alcohol-impregnated port protectors and needleless connectors on central line-associated bloodstream infections and contamination of blood cultures in an inpatient oncology unit. *Am J Infect Control.* 2012; 40(10): 931-934.

Compliance Poster

Keep compliance rates high by reminding clinicians about the importance of using 3M™ Curoc™ Disinfecting Port Protectors.

Print out this customizable poster to display on your unit and to provide an ongoing assessment of port protector compliance.



**Visit the digital resource center
at 3M.com/Peak/IVcare**



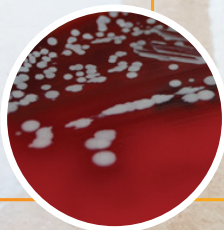
Call your Account Manager

3M CUROS™

Disinfecting Port
Protectors

Are all of your IV Access Points protected?

This is a picture of a culture taken from an unprotected port. Unprotected ports can touch floors, armpits, bed linens and other unsterile surfaces adding to their bioburden.¹



What's your compliance with port protectors?

Unit Name: _____

Audit Period	Port Protection Percentage
	%
	%
	%
	%
	%



3M Health Care

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1. Kaler, W. Making it easy for nurses to reduce their risk of CLABSI. Patient Safety & Quality Healthcare. 2014; 11(6), 46-49



Learn

In the Learn phase, we share educational resources, such as best practice standards, guidelines and clinical evidence. This section also contains a variety of training resources, including customizable, on-site education for staff and instructional videos that can be used to support the use of 3M™ Curoc™ Disinfecting Port Protectors in accordance with your policies.

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Standards and Guidelines

Learn how 3M solutions align with evidence-based standards and best practice guidelines.



**Visit the digital resource center
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2016 INS Guidelines (Central Lines)



Central Lines



2016 Updates to the INS Infusion Therapy Standards of Practice

Antimicrobial Protection

Central Vascular Access Device (CVAD) Care & Dressing Change Standard 41, page 581

- Assess the VAD-skin junction site and surrounding area for redness, tenderness, swelling, and drainage by visual inspection and palpation through the intact dressing.
- Use CHG impregnated dressings over CVADs to reduce infection risk when extraluminal route is primary source of infection. (Level I)

Needleless Connectors Standard 34, page 568

- Use of passive disinfecting caps containing disinfecting agent (IPA) shown to reduce intraluminal microbial contamination and reduce rates of CLABSIs.
- Ensure disinfecting supplies are readily available at bedside to facilitate staff compliance with needleless connector disinfection. (Level V)

Catheter Securement

Central Vascular Access Device (CVAD) Stabilization Standard 37, pages 572-73

- Consider use of engineered stabilization device (ESD)* to stabilize and secure VADs as inadequate stabilization and securement can cause unintentional dislodgement and complications requiring premature VAD removal.
- ESDs promote consistent practice among all clinicians, reduce VAD motion that can lead to complications, reduce interruption of needed infusion therapy, and may reduce cost of care.
- Sutures are associated with needle-stick injury, in addition to supporting the growth of biofilm and increasing the risk of catheter-related bloodstream infections. (I, Regulatory)
- Do not rely on VAD dressings (non-bordered TSMs, gauze, and tape) as a means for VAD stabilization as there is insufficient evidence. (Level I)

Central Vascular Access Device (CVAD) Care & Dressing Change Standard 37, pages 572-73

- Removal of adhesive ESD during dressing change is needed to allow for appropriate skin antisepsis and apply a new ESD. (Level IV)

Skin Protection

Central Vascular Access Device (CVAD) Stabilization Standard 37, pages 572-73

- Be aware of the risk of medical adhesive-related skin injury (MARS) associated with the use of adhesive ESDs.
- Apply barrier solutions to skin exposed to adhesive dressing to reduce risk of Medical Adhesive Related Skin Injury (MARS). (Level I)

3M[®] Health Care Academy
2016 Infusion Therapy Standards of Practice overview modules available at 3M.com/3MHealthCareAcademy


* Engineered Stabilization Device (ESD): A device or system placed subcutaneously or topically, specifically designed and engineered to control movement at the catheter hub.
Gorski L, Hadaway L, Hagle ME, McGoldrick M, Orr M, Doellman D. Infusion therapy standards of practice. J Inten Nurs. 2016; 39(suppl 1):S1-S109.

70-2011-5788-3 — 8.5" x 11"

2016 INS Guidelines (Peripheral Lines)



Peripheral Lines



2016 Updates to the INS Infusion Therapy Standards of Practice

Antimicrobial Protection

Needleless Connectors Standard 34, page 569

- Use of passive disinfecting caps containing disinfecting agent (IPA) shown to reduce intraluminal microbial contamination and reduce rates of CLABSIs.
- Use of disinfection caps on PIVs has limited evidence but should be considered.
- Ensure disinfecting supplies are readily available at bedside to facilitate staff compliance with needleless connector disinfection. (Level V)

Catheter Securement

Central Vascular Access Device (CVAD) Stabilization Standard 37, pages 572-73

- Do not rely on VA device dressings (standard, non-bordered transparent semipermeable membrane (TSM) dressings, gauze and tape dressings) as a means of stabilization as there is insufficient evidence supporting their benefits as stabilization devices. (Level I)
- For PIV consider: (I) Integrated stabilization on PIV catheter hub with a bordered polyurethane securement dressing or (2) a standard round hub PIV in combination with an adhesive engineered stabilization device (ESD)*. (Level III)
- Use of a bordered polyurethane securement dressing alone on a PIV with a traditional hub allowed more PIVs to reach 72 hours of dwell with fewer needing restarts; however, more data are needed. (Level V)

Skin Protection

Central Vascular Access Device (CVAD) Stabilization Standard 37, pages 572-73

- Be aware of the risk of medical adhesive-related skin injury (MARS) associated with the use of adhesive ESDs.
- Apply barrier solutions to skin exposed to adhesive dressing to reduce risk of Medical Adhesive Related Skin Injury (MARS). (Level I)

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2016 Infusion Therapy Standards of Practice overview modules available at 3M.com/3MHealthCareAcademy

* Engineered Stabilization Device (ESD): A device or system placed subcutaneously or topically, specifically designed and engineered to control movement at the catheter hub.
Gorski L, Hadaway L, Hagle ME, McGoldrick M, Orr M, Doellman D. Infusion therapy standards of practice. J Inten Nurs. 2016; 39(suppl 1):S1-S109.

70-2011-5789-1 — 8.5" x 11"

Clinical Evidence

Several hospitals have implemented 3M™ Curoc™ Disinfecting Port Protectors with impressive results in infection reduction, improved compliance, financial savings and time savings.

View peer-reviewed articles, poster and abstracts that detail clinical studies published about the effectiveness of Curoc disinfecting port protectors.

Clinical Evidence Summary



Visit the digital resource center at [3M.com/Peak/IVcare](https://www.3m.com/Peak/IVcare)



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Protectors

Clinical Evidence Summary





For full text documents, please
contact customer support.
1-800-228-3957

70-2011-5695-0

Interior page examples

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PEER REVIEWED	
Antiseptic barrier cap effective in reducing central line-associated bloodstream infections: A systematic review and meta-analysis. <i>Voor in 't Hart AF, Helder OK, Vos MC, et al. Antiseptic barrier cap effective in reducing central line-associated bloodstream infections: a systematic review and meta-analysis. Int J Nurs Stud. 2017; 69: 34-40.</i>	5
A bundled approach to decrease primary bloodstream infections related to peripheral intravenous catheters. <i>Duncan M, Warden P, Bernthaler S, Morse D. J Assoc Vasc Access. 2018; 23(3): 15-20.</i>	6
Strategies for the successful implementation of disinfecting port protectors to reduce CLABSI in a large tertiary care teaching hospital. <i>Bester C, Kerley D, Davis C, et al. Am J Infect Control. 2019; https://doi.org/10.1016/j.ajic.2019.05.016.</i>	7
Educational interventions alone and combined with port protector reduce the rate of central venous catheter infection and colonization in respiratory semi-intensive care units. <i>Hedberg M, Pacheco G, Maguire D, et al. BMC Infect Dis. 2019; 19(1): 215.</i>	8
Impact of universal disinfectant cap implementation on central line-associated bloodstream infections. <i>Merrill MC, Sumner S, Lortzer L, Taylor C, Macintosh C. Am J Infect Control. 2014; 40: 1074-1077.</i>	9
Port protectors in clinical practice: an audit. <i>Cameron-Watson C. Br J Nurs. 2016; 25(8): 525-526.</i>	10
Central venous catheter protective connector caps reduce intraluminal catheter-related infection. <i>Reverie C, Lee MK, Walsh R. J Assoc Vasc Access. 2002; 7(6): 200-203.</i>	11

Outcomes Key

-  Infection and/or contaminated blood cultures
-  Compliance and/or patient/staff satisfaction
-  Staff time and/or length of stay
-  Cost

PEER REVIEWED

“...use of the antiseptic barrier cap can lower the occurrence of CLABSIs and is cost saving.”

Voor in 't Hart AF, Helder OK, Vos MC, et al. Antiseptic barrier cap effective in reducing central line-associated bloodstream infections: a systematic review and meta-analysis. Int J Nurs Stud. 2017; 69: 34-40.

DESIGN

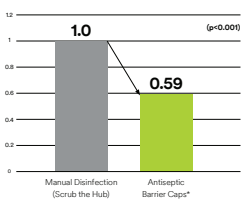
Systematic review and meta-analysis

METHODS

Studies conducted in the hospital setting that compared 3M™ CuROS™ Disinfecting Cap for Needleless Connectors and SwabCap™ Disinfecting Caps to manual disinfection on the incidence of central line associated bloodstream infection (CLABSI) per 1000 catheter days were included.

RESULTS

Relative Pooled CLABSI Incidence (per 1000 catheter days)



There were **41% fewer** CLABSIs associated with use of the antiseptic barrier cap (95% CI: 0.33-0.65, CI = 0.0007, p < 0.0001)

Overall median rate of compliance with barrier cap = **82.5%**

Net cost savings ranged from **\$39,050-\$3,268,990**

*CuROS Disinfecting Cap for Needleless Connectors and SwabCap Disinfecting Caps

3 studies were included in the systematic review and 7 within the meta-analysis.

REQUEST FULL CLINICAL STUDY

RETURN TO TABLE OF CONTENTS - 6

The Dirty Truth About IV Access Points

Study after study has confirmed what many have suspected — all IV access points provide a portal of entry for contaminants to enter the bloodstream.

View our summary of some of the most compelling clinical evidence available detailing contamination risks at every IV access point: needleless connectors, male luers, and open female luers (such as stopcocks and catheter hubs).



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3M
CuroS™
Disinfecting Port
Protectors

The dirty truth about IV access points

For full text documents, please contact customer support.
1-800-228-3957

70-2011-7013-4 — 8.5" x 11"

Interior page examples

The evidence is clear: IV access points are invisibly dirty

Study after study has confirmed what many have suspected — all IV access points provide a portal of entry for contaminants to enter the bloodstream.


Every IV access point on a patient presents potential for development of a central line-associated bloodstream infection (CLABSI). The other devastating effects of CLABSI have prompted countless clinical studies whose results have gone on to help establish "Best Practice" guidelines for the care and maintenance of a patient's central line.

On the following pages, you will find an summary of some of the most compelling clinical evidence available detailing contamination risks at every IV access point: needleshub connectors, male luer, and open female luer (such as stopcocks and catheter hubs).





Are you ready to see the dirty truth?

Are all of your IV access points protected?

This is a picture of a catheter luer. How is it protected from germs? How do you know it's clean? How do you know it's safe? How do you know it's not adding to your infection?



Intraluminal Contamination: All IV access points are potential portals of entry for contamination*

-  33-45% of needleshub connector hubs are contaminated in normal patient use†
-  An ICI study found that 37% of male luer become contaminated†
-  As many as 50% of catheter hubs may be colonized in standard practice†
-  Use of 3-way stopcocks is a significant, independent risk factor for catheter-related bloodstream infections (CRBSI) per the CDC's 2008 Guidelines†

* Intraluminal Contamination (ICI) is the presence of microorganisms within the lumen of a catheter. † Data from various studies cited in the text.

Needleshub Connectors

Needleshub connectors are a common source of contamination for central line-associated bloodstream infections (CLABSI). The following data shows that needleshub connectors are a significant source of contamination for CLABSI.

- When a CLABSI occurs within 96 hours of catheter insertion, contamination through the needleshub connector is likely the culprit.
- A single session of scrubbing the hub prior to access prevents bacterial entry, attachment and biofilm formation that allow the bacteria to strengthen prior to release into the bloodstream.
- Continuous Passive Disinfection (CPD) reduces germs, provides visibility with a point-of-use solution and reduce contamination.

More than 90% of standard and clear coated needleshub connectors were colonized by viable microorganisms — as measured by a total viable individual cell count assay.

Less than 10% of needleshub connectors were colonized by viable microorganisms — as measured by a total viable individual cell count assay.

71% of catheter-related infections are linked to a catheter hub contamination.

Help prevent contamination

Disinfect and protect your needleshub connectors with 3M™ CuroS™ Disinfecting Caps for Needleshub Connectors or 3M™ CuroS™ Disinfecting Caps for Feed-Back Connectors.

Efficacy Chart

The effectiveness of 3M™ Curoc™ Disinfecting Port Protectors was tested *in vitro* against*: *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Escherichia coli*, *Candida albicans*, *Pseudomonas aeruginosa*, and *Candida glabrata*. All test samples exceeded the minimum 4-log reduction after one minute and maintained it for seven days.



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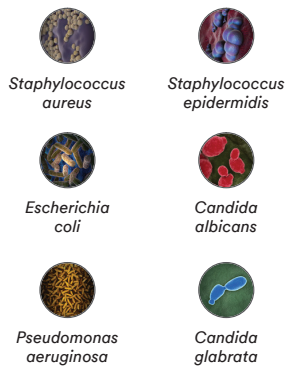


Call your Account Manager

*3M data on file. Data reflects *in vitro* findings on Curoc disinfecting port protectors.

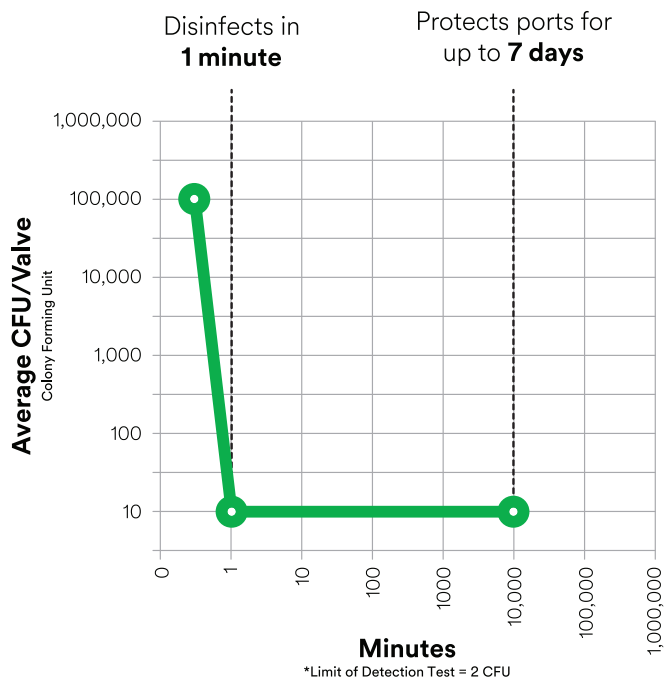
3M™ Curoso™ Disinfecting Port Protectors achieved a 99.99% reduction in 6 microbes commonly associated with CLABSI^{1,2}

The effectiveness of Curoso disinfecting port protectors was tested *in vitro* against²:



STUDY CONCLUSION:
 All test samples exceeded the minimum 4-log reduction after one minute.

 3M data on file.



1. For more information regarding organisms associated with central line-associated bloodstream infections, refer to: Sievert, D. M., Ricks, P., Edwards, J. R., Schneider, A., Patel, J., Srinivasan, A., . . . Fridkin, S. (2013). Antimicrobial-Resistant Pathogens Associated with Healthcare-Associated Infections: Summary of Data Reported to the National Healthcare Safety Network at the Centers for Disease Control and Prevention, 2009–2010. *Infection Control & Hospital Epidemiology*, 34(01), 1-14. doi:10.1086/668770

2. Data reflects *in vitro* findings on Curoso™ Disinfecting Port Protectors



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Product Training Resources

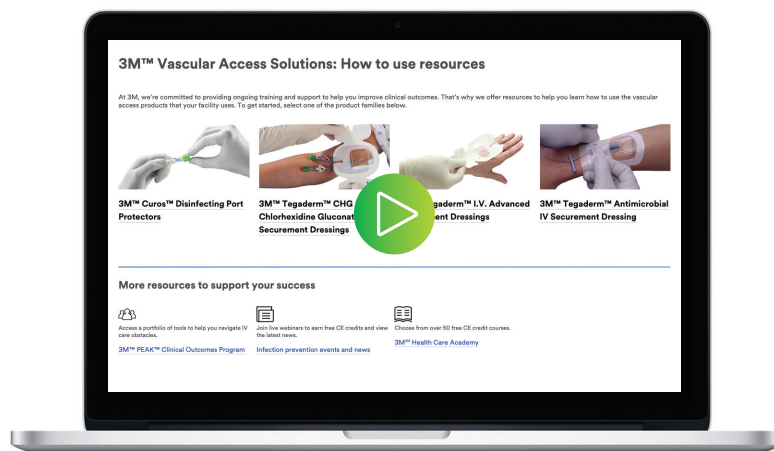
Even after inservicing is completed, it is always important to have training materials available.

Watch videos and view step-by-step guides to learn how to correctly use 3M™ Curoc™ Disinfecting Port Protectors.

How to Use Resources



Visit 3M.com/IVtraining to get started



HealthStream® Learning Center

You can access all the 3M modules through your facility's HealthStream® account. Simply go to OneSource Medical Product Training on the Catalog tab and select 3M from the list of manufacturers to locate these modules.



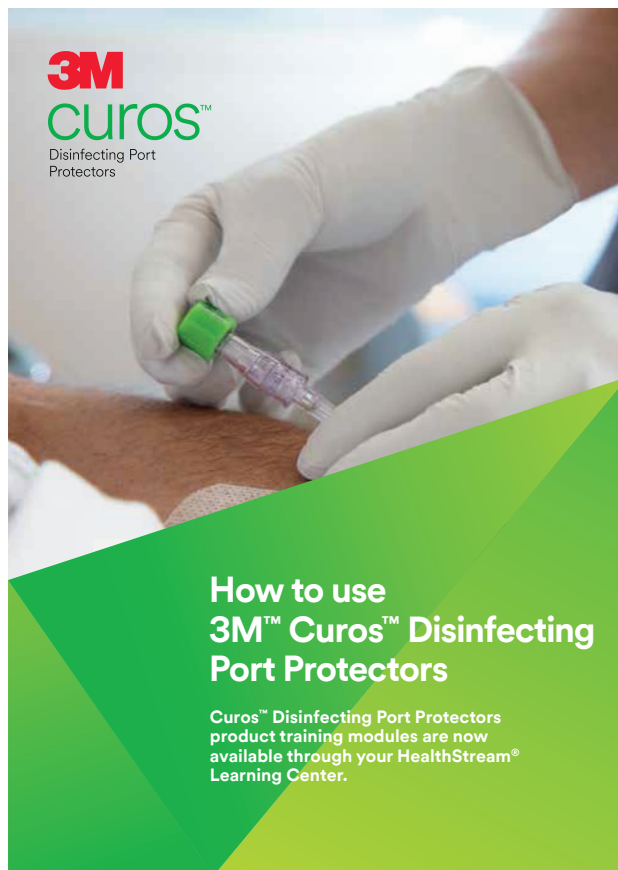
Plus, access a postcard listing of available product training modules.



Visit the digital resource center at 3M.com/Peak/IVcare



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70-2011-6956-5

Inservicing Flipbooks

To ensure every clinician receives consistent messaging during education and implementation about how 3M™ Curoc™ Disinfecting Port Protectors fits into facility protocols, we provide a customized educational flipbook and corresponding script.

3M Account Managers and Clinical Specialists will then use this educational flipbook as they conduct unit-by-unit inservicing, thereby providing a consistent message to all clinicians.

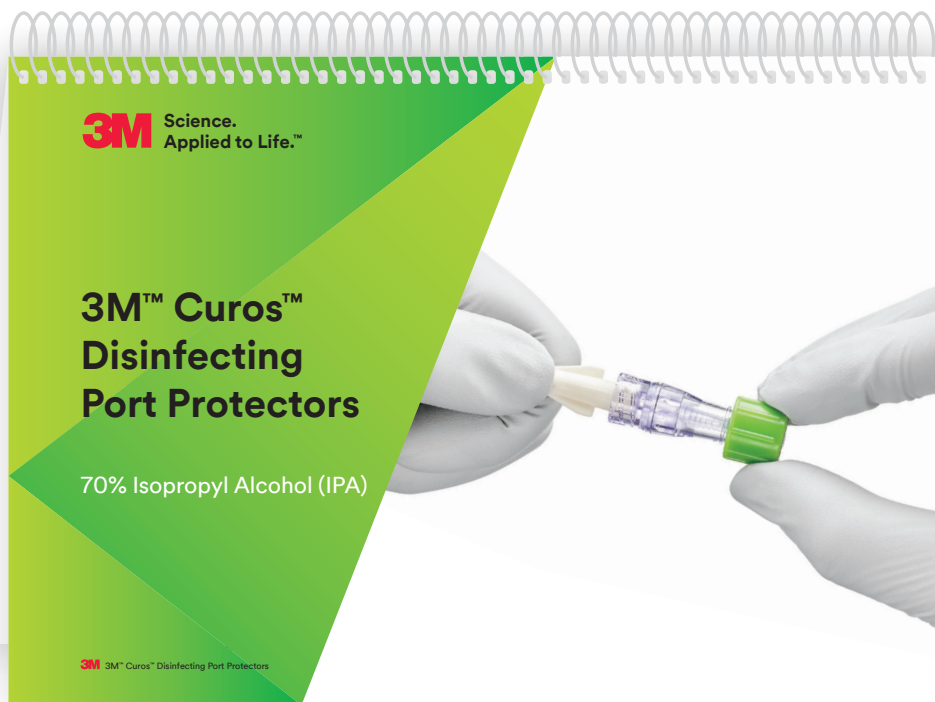
This customized flipbook will then be left with your facility champion for use during future education and/or as a reference. Contact your 3M Account Manager to receive a flipbook customized for your facility's protocol and products.




**Visit the digital resource center
at 3M.com/Peak/IVcare**



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70% IPA – 1 minute – 7 days – 1 use



Disinfects in 1 minute. Keeps ports protected from contamination for up to 7 days if not removed.

3M 3M™ Curoso™ Disinfecting Port Protectors



Strips Provide Caps at Point of Care



No strips in pockets!

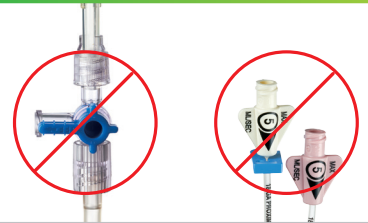
3M 3M™ Curoso™ Disinfecting Port Protectors

How to Use Curoso Jet™ Disinfecting Cap for Needleless Connectors

1. Peel 
2. Push & Twist 
3. Dispose after every use 

3M 3M™ Curoso™ Disinfecting Port Protectors

Do Not Use GREEN Curoso Jet™ Caps on Open Female Luers



Do NOT use Green caps on Open Female Luer connections, such as Stopcocks or Catheter Hubs

3M 3M™ Curoso™ Disinfecting Port Protectors

70-2011-6701-5 — Version with 3M™ Curoso™ Disinfecting Cap
 70-2011-6788-2 — Version with 3M™ Curoso Jet™ Disinfecting Cap

Inservicing Script

To accompany the flipbook, a recommended script is available to ensure the consistent message is maintained. Like the flipbook, this can be customized to align with facility protocols. The page numbers listed on the training script correspond to the pages within the Educational Inservicing Flipbooks.



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3M™ Curoso™ Disinfecting Port Protectors Training Script

Hello. My name is _____ and I am here to demonstrate how to use 3M™ Curoso™ Disinfecting Port Protectors.

Page 1:

Curoso™ Disinfecting Port Protectors are caps that contain alcohol. The port protectors twist onto the access points of I.V. lines, and they will disinfect the access point in 1 minute. They protect ports from contamination for up to 7 days if not removed.

Page 2:

As you know, the I.V. line can be exposed to bed linens, the floor, arm pits, etc. leaving the access points vulnerable to introduction of harmful microbes into your patient's bloodstream if they are not disinfected appropriately. For example, a needleless connector may appear clean, but a closer look could reveal a much larger problem. This picture (point to culture) is a culture taken from a contaminated needleless connector that was connected to a patient.

Page 3:

Curoso™ Disinfecting Port Protectors has a full line of products to disinfect and protect all IV access points access points, including needleless connectors, male luers, stopcocks, catheter hubs, and Tego® hemodialysis connectors.

Page 4:

Curoso™ Disinfecting Port Protectors disinfect and act as a physical protective barrier to contamination for all I.V. access points. This reduces the risk of introducing microorganisms into the I.V. line and the patient's bloodstream.

Page 5:

Now let's take a minute to discuss what all Curoso™ Disinfecting Port Protectors have in common.

- Every Curoso™ Disinfecting Port Protector contains 70% isopropyl alcohol. This is the same type of alcohol that is in a standard alcohol wipe.
- Curoso™ Disinfecting Port Protectors disinfect in 1 minute.
- They keep the ports protected from contamination for up to 7 days if not removed.
- When you need to access the line, remove the Curoso™ Disinfecting Port Protector and throw it away.
- All Curoso™ Disinfecting Port Protectors are single use!

Page 6:

Curoso™ Disinfecting Port Protectors are available individually or on a strip. The strips position the product on the I.V. pole, at the patient's bedside, providing a visual reminder to the nurses to use it.

- To preserve the integrity of the strip and prevent cross-contamination, please do not carry strips in your pockets. Do not use if the seals are broken, torn, or punctured.

Page 7:

Each CuroS™ Disinfecting Port Protectors displays its expiration date and lot number.

Page 8:

Now that we know what the port protectors have in common, let's discuss the specifics of the port protectors your facility has chosen to implement.

- Let's start by discussing what makes them different; that is, what they cover. It is very important that you cover the right access point with the right cap, as patient safety issues can result if you don't cap it with the right color.

Page 9:

Your facility has chosen to cover needleless connectors with CuroS™ Disinfecting Caps OR CuroS Jet™ Disinfecting Cap for Needleless Connectors.

- CuroS™ Disinfecting Caps/CuroS Jet™ Disinfecting Caps are used to disinfect and protect needleless connectors.

Page 10:

These green caps come individually or in strips.

Page 11:

To apply the disinfecting cap simply peel it from the foil backing, push, and then twist it onto the needleless connector.

• Reminders:

- *CuroS™ Disinfecting Cap/CuroS Jet™ Disinfecting Cap disinfect the needleless connector after 1 minute and can remain in place for up to 7 days if not removed. (The caps will often be thrown away with the tubing changes, per hospital policy, before the 7 days are up).*
- *When you need to access the line, simply remove the CuroS™ Disinfecting Caps/CuroS Jet™ Disinfecting Caps and throw it away. If the cap has been in place for at least 1 minute but less than 7 days, there is no need to scrub; you may access the line immediately. When line access is complete, cover the needleless connector with a new cap.*
- *CuroS™ Disinfecting Caps/CuroS Jet™ Disinfecting Caps are single use only and must be discarded after use.*

Page 12:

To avoid potential injury- Do NOT place CuroS™ Disinfecting Caps/CuroS Jet™ Disinfecting Caps on open female luers such as stopcocks or open catheter hubs. The green CuroS™ Disinfecting Caps/CuroS Jet™ Disinfecting Caps are not dead-end caps and will not occlude the line which open female luers require. They are ONLY safe to use on needleless connectors.



3M™ Curoso™ Disinfecting Port Protectors Training Script

Page 13:

A. AAA (All IV access points, all patients, all the time) - Green Curoso™ Disinfecting Caps/Curoso Jet™

Disinfecting Caps should be placed on ALL luer-locking needleless connectors that are not in use. The caps may be used on all needleless connectors from pump to patient, including PIV's, Ports, PICC Lines and all other Central Lines. This also includes y-sites on the IV pump tubing.

B. CLP (All Central Line Patients)- Green Curoso™ Disinfecting Caps/Curoso Jet™ Disinfecting Caps should be placed on all luer-locking needleless connectors that are attached to a central line patient that are not in use. The caps may be used on all needleless connectors from pump to patient including Central Lines, PICC Lines, Ports and Peripheral Lines.

C. CL (All Central Lines)- Green Curoso™ Disinfecting Caps/Curoso Jet™ Disinfecting Caps should be placed on all luer-locking needleless connectors that are attached to a central line that are not in use. The caps may be used on all needleless connectors from pump to patient including Central Lines, PICC Lines and Ports.

Page 14:

Don't forget: needleless connectors are also found on your urinary sample ports (like Foley's), and it is appropriate to cover these needleless connectors with green Curoso™ Disinfecting Cap/Curoso Jet™ Disinfecting Cap as well.

Page 15:

A. Sequential Scrub- If the Curoso™ Disinfecting Port Protectors has been in place for more than 1 minute but less than 7 days, there is no need to scrub upon removal of the cap.

- If a Curoso™ Disinfecting Port Protector has been in place less than 1 minute, or if it is not clear how long the cap has been in place, then scrub upon removal of the cap.
- In addition, you should scrub if any of the following conditions are present:
 - *Scrub between sequential accesses (i.e., between multiple medications given in one sitting, such as Saline, Medication, Saline). For a sequential access, you would remove the disinfecting cap, flush, scrub according to your hospital's policy, give your medication, scrub again per hospital policy, flush and then replace with a new Curoso™ Disinfecting Cap/Curoso Jet™ Disinfecting Cap.*
 - *Scrub if there is visible soil.*
 - *Scrub if you remove the cap and set down the port before accessing, if the port becomes contaminated, or if you leave an uncapped port unattended for any length of time.*
 - *Finally, if you find a needleless connector without a Curoso™ Disinfecting Cap/Curoso Jet™ Disinfecting Cap and immediate access is necessary, you should scrub.*

B. Sequential Aseptic- If a Curoso™ Disinfecting Port Protector has been in place for more than 1 minute but less than 7 days, there is no need to scrub upon removal of the cap.

- Maintain aseptic technique between sequential accesses (i.e., between multiple medications given in one sitting, such as Saline, Medication, Saline). For a sequential access, you would remove the disinfecting cap, flush, maintain aseptic technique according to your hospital's policy, give your medication, maintain aseptic technique again per hospital policy, flush and then replace with a new Curoso™ Disinfecting Cap/ Curoso Jet™ Disinfecting Cap.



Disinfecting Port
Protectors

3M™ CuroS™ Disinfecting Port Protectors Training Script

- If a CuroS™ Disinfecting Port Protector has been in place less than 1 minute, or if it is not clear how long the cap has been in place, then scrub upon removal of the cap.
- In addition, you should scrub if any of the following conditions are present:
 - *Scrub if there is visible soil.*
 - *Scrub if you remove the cap and set down the port before accessing, if the port becomes contaminated, or if you leave an uncapped port unattended for any length of time.*
 - *Finally, if you find a needleless connector without a CuroS™ Disinfecting Cap/CuroS Jet™ Disinfecting Cap and immediate access is necessary, you should scrub.*

Page 16:

Male luers are disinfected and protected by CuroS Tips™ Disinfecting Cap for Male Luers.

- CuroS Tips™ Caps are designed to go onto the end of primary and secondary I.V. tubing that has been disconnected from the patient. This end of the IV tubing is called the male luer.
- Because CuroS Tips™ Caps contain alcohol, they will disinfect and protect your disconnected I.V. tubing.

Page 17:

CuroS Tips™ Disinfecting Cap for Male Luers come on strips of 5.

Page 18:

How to apply the CuroS Tips™ Disinfecting Cap: simply peel from foil strip, retract the cuff on the I.V. tubing, push and twist it on (demonstrate) the male end of the tubing. Then secure the cuff of the I.V. tubing and leave the CuroS Tips™ Cap in place.

• Reminders:

- *CuroS Tips™ Caps disinfect the male luer after 1 minute and can remain in place for up to 7 days if not removed. (The tips cap will often be thrown away with the tubing changes, per hospital policy, before the 7 days are up).*
- *When you need to reconnect the line, remove the CuroS Tips™ Disinfecting Cap and throw it away. If the CuroS Tips™ Cap has been in place for at least 1 minute but less than 7 days, you may connect the line immediately.*
- *CuroS Tips™ Disinfecting Caps are single use only and must be discarded after use.*

Page 19:

CuroS™ Stopper Disinfecting Caps are used to disinfect and protect open female luers such as stopcocks and catheter hubs.

- In addition to disinfecting, the CuroS™ Stopper Caps are designed to occlude the opening and close off the line, and disinfect the critical surfaces prior to line access.

Page 20:

CuroS™ Stopper Disinfecting Cap for Open Female Luers are available individually or in strips of 5.

Page 21:

Because your facility has open female luers without needleless connectors on their dialysis catheters, your facility has chosen to use CuroS™ Stopper Disinfecting Caps.

- Use red CuroS™ Stopper Caps directly on dialysis lines if they do not have needleless connectors.



3M™ CuroS™ Disinfecting Port Protectors Training Script

Page 22:

How to apply the CuroS™ Stopper Cap: simply peel from foil backing, push and twist it onto the open female luer of the stopcock or catheter hub.

• Reminders:

- CuroS™ Stopper Disinfecting Caps disinfect the open female luer after 1 minute and can remain in place for up to 7 days if not removed. (The caps will often be thrown away with the tubing changes, per hospital policy, before the 7 days are up).
- When you need to access the line, simply remove the CuroS Stopper Cap and throw it away. If the CuroS™ Stopper Cap has been in place for at least 1 minute but less than 7 days, there is no need to scrub; you may access the line immediately.
- When line access is complete, cover the open female luer with a new CuroS™ Stopper Cap.
- CuroS™ Stopper Caps are single use only and must be discarded after use.

Page 23:

To avoid potential injury-

- CuroS™ Stopper Caps are safe to use on open female luers only.
- Do NOT use RED CuroS Stopper Caps on Needleless Connectors. If used on a needleless connector, the post inside of the red cap could engage the needleless connector.
- If you need to cover a needleless connector, use a green CuroS disinfecting cap instead of a red one.

Page 24:

If your facility uses Tego® Hemodialysis Connectors on your dialysis lines, cap these connectors with the white CuroS™ Disinfecting Cap for Tego® Hemodialysis Connectors.

Page 25:

CuroS™ Disinfecting Cap for Tego® Hemodialysis Connectors are available individually.

- As you may know, the Tego® hemodialysis connector is made of a type of silicone. The WHITE CuroS™ Disinfecting Cap for Tego® Hemodialysis Connectors were specifically created to fit this type of needleless connector.

Page 26:

Please ensure that ONLY the WHITE CuroS™ Disinfecting Cap for Tego® Hemodialysis Connectors are placed on the yellow Tego® hemodialysis connector. The GREEN CuroS caps may be used on the needleless connector on the pigtail of a dialysis line that has a non-silicone needleless connector.

- Here you see an example of a dialysis line that does not have Tego® Hemodialysis Connectors on the pigtail or middle lumen. The caps are properly placed: White disinfecting caps on the Tego® Hemodialysis Connectors, and the green CuroS™ Disinfecting Cap on the needleless connector of the “pigtail.”

Page 27:

How to apply the CuroS™ Disinfecting Cap for Tego® Hemodialysis Connectors: simply peel it from the foil backing, push and twist it onto the Tego® hemodialysis connector.

• Reminders:

- *White CuroS™ Caps disinfect the Tego® Hemodialysis Connector after 1 minute and can remain in place for up to 7 days if not removed.*
- *When you need to access the line, simply remove the CuroS disinfecting caps for Tego® hemodialysis connectors and throw it away. If the CuroS™ Disinfecting Cap for Tego® Hemodialysis Connectors has been in place for at least 1 minute but less than 7 days, there is no need to scrub; you may access the line immediately. When line access is complete, cover the Tego® hemodialysis connector with a new CuroS™ Cap.*
- *CuroS™ Disinfecting Caps are single use only.*

Page 28:

To avoid potential injury- Do NOT place the WHITE CuroS™ Caps on open female luers such as stopcocks or open catheter hubs. The White CuroS™ Caps are not dead-end caps and will not occlude the line. The White CuroS™ Caps are only safe to use on Tego® Hemodialysis Connectors.

- Please ensure that ONLY the WHITE CuroS™ Caps are placed on the yellow Tego® hemodialysis connector. The GREEN CuroS™ Caps may be used on other needleless connectors.

Page 29:

Let's review: your facility has chosen to protect patients with the Circle of Disinfection and Protection offered by CuroS™ Disinfecting Port Protectors. One of the most important items to remember is where to use each cap.

- Use green caps (either CuroS™ Caps or CuroS Jet™ Caps, depending upon facility selection) to disinfect and protect needleless connectors. Do not use green CuroS caps on open female luers, such as stopcocks or open catheter hubs.
- Use green CuroS Tips™ Disinfecting Caps to disinfect and protect male luers.
- Use red CuroS™ Stopper Caps to disinfect and protect open female luers, such as stopcocks or open catheter hubs. Do not use red CuroS products on Needleless Connectors.
- Use white CuroS™ Caps to disinfect and protect Tego® Hemodialysis Connectors. Do not use white CuroS caps on open female luers.

Page 30:

Compliance is a critical component with CuroS™ Disinfecting Port Protectors. This is a patient safety item, and strict policy adherence will be expected. Please remember to put CuroS port protectors on the appropriate access point on the I.V. line. Remember, it only takes one exposure to introduce microbes into the bloodstream.

Page 31:

Now it's your turn, please demonstrate the use of CuroS™ Disinfecting Port Protectors.

Page 32:

Thank you for your time. What questions do you have?

Instructions for Use

Instructions for use are included for each product in the 3M™ Curoc™ Disinfecting Port Protector family. Instructions for use are also located on every box of Curoc disinfecting port protectors.

Please contact your Account Manager to receive the most current version of the instructions for use.



Call your Account Manager



3M™ Curos Jet™

Disinfecting Cap for Needleless Connectors



3M Curos™ Curos Jet™

Disinfecting Cap for Needleless Connectors



Intended Use

The Curos Jet™ Disinfecting Cap is intended for use on **needleless connectors** only as a disinfecting cleaner prior to IV access and to act as a cover between line accesses. The cap will disinfect the needleless connector one (1) minute after application and protect from contamination between accesses for up to seven (7) days if not removed. The effectiveness of the cap was tested in vitro against *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Candida glabrata*, and *Candida albicans* and was found to have >4 log reduction. The cap may be used in the home or healthcare facility.

Instructions for Use

- WARNING:** To avoid potential injury - use **ONLY** on needleless connectors
CAUTION: Potential choking hazard
CAUTION: Safety and consequences related to isopropyl alcohol (IPA) have not been established or determined in the toxicology literature for the infant population.
CAUTION: There is a potential for intermittent leaking when Baxter® CONTINU-FLO™ Solution Set with CLEARLINK™ Luer Activated Valve or BD MasZero™ Needle-Free Connectors are used under pressure with 3M™ Curos Jet™ Disinfecting Caps (CFJ1-270 and CFJ5-250). Monitor these connectors if used under pressure. Alternatively, 3M™ Curos™ Disinfecting Cap for Needleless Connectors (CFF1-270 and CFF10-250) may be used.
1. If needleless connector is visibly soiled, clean with 70% Isopropyl Alcohol swab prior to using cap.
 2. Do not use cap if seal is broken, torn, or punctured.
 3. Peel the foil tab from the device.
 4. Once foil is removed, push and twist cap onto end of needleless connector.
 5. Cap must remain on needleless connector for minimum of one (1) minute and may remain on for seven (7) days if not removed.
 6. New cap should be placed on needleless connector after each use.
 7. Discard cap after each use; do not reuse cap.
 8. Follow hospital protocol for disinfecting needleless connectors, if performing sequential accesses.



Active Ingredient: 70% Isopropyl Alcohol (IPA) • Rx only
 For best results, store in a cool, dry place.

- | | |
|------------------------------------|---|
| Not Made With Natural Rubber Latex | Sterilized using irradiation |
| Do not use if package is damaged | Do Not Resterilize |
| Do Not Reuse | Not made with the Plasticizer Diethylhexylphthalate (DEHP). |

CFJ1-270
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 Issue Date: 2018-02
 34-8720-1366-8

Single - 34-8720-1366-8 — 8.5" x 11"

3M Curos™ Curos Jet™

Disinfecting Cap Strip for Needleless Connectors



Intended Use

The Curos Jet™ Disinfecting Cap is intended for use on **needleless connectors** only as a disinfecting cleaner prior to IV access and to act as a cover between line accesses. The cap will disinfect the needleless connector one (1) minute after application and protect from contamination between accesses for up to seven (7) days if not removed. The effectiveness of the cap was tested in vitro against *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Candida glabrata*, and *Candida albicans* and was found to have >4 log reduction. The cap may be used in the home or healthcare facility.

Instructions for Use

- WARNING:** To avoid potential injury - use **ONLY** on needleless connectors
CAUTION: Potential choking hazard
CAUTION: Safety and consequences related to isopropyl alcohol (IPA) have not been established or determined in the toxicology literature for the infant population.
CAUTION: There is a potential for intermittent leaking when Baxter® CONTINU-FLO™ Solution Set with CLEARLINK™ Luer Activated Valve or BD MasZero™ Needle-Free Connectors are used under pressure with 3M™ Curos Jet™ Disinfecting Caps (CFJ1-270 and CFJ5-250). Monitor these connectors if used under pressure. Alternatively, 3M™ Curos™ Disinfecting Cap for Needleless Connectors (CFF1-270 and CFF10-250) may be used.
1. If needleless connector is visibly soiled, clean with 70% Isopropyl Alcohol swab before using cap.
 2. Do not use cap if seal is broken, torn, or punctured.
 3. Peel cap from foil strip.
 4. Once foil is removed, push and twist cap onto end of needleless connector.
 5. Cap must remain on needleless connector for minimum of one (1) minute and may remain on for seven (7) days if not removed.
 6. New cap should be placed on needleless connector after each use.
 7. Discard cap after each use; do not reuse cap.
 8. Follow hospital protocol for disinfecting needleless connectors, if performing sequential accesses.



Active Ingredient: 70% Isopropyl Alcohol (IPA) • Rx only
 For best results, store in a cool, dry place.

- | | |
|------------------------------------|---|
| Not Made With Natural Rubber Latex | Sterilized using irradiation |
| Do not use if package is damaged | Do Not Resterilize |
| Do Not Reuse | Not made with the Plasticizer Diethylhexylphthalate (DEHP). |

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 Issue Date: 2018-02
 34-8720-1363-5

Strip - 34-8720-1363-5 — 8.5" x 11"



3M™ Curoso™ Disinfecting Cap for Needleless Connectors



3M curoso™ Disinfecting Cap for Needleless Connectors



Intended Use

The Curoso™ Disinfecting Cap is intended for use on **needleless connectors** only as a disinfecting cleaner prior to IV access and to act as a cover between line accesses. The cap will disinfect the needleless connector one (1) minute after application and protect from contamination between accesses for up to seven (7) days if not removed. The effectiveness of the cap was tested in vitro against *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Candida glabrata*, and *Candida albicans* and was found to have >4 log reduction. The cap may be used in the home or healthcare facility.

Instructions for Use

WARNING: To avoid potential injury - use ONLY on needleless connectors

CAUTION: Potential choking hazard

CAUTION: Safety and consequences related to isopropyl alcohol (IPA) have not been established or determined in the toxicology literature for the infant population.

1. If needleless connector is visibly soiled, clean with 70% Isopropyl Alcohol swab before using cap
2. Do not use cap if seal is broken, torn, or punctured, or sponge appears dry
3. Peel the foil tab from the device
4. Once foil is removed, push and twist cap onto end of needleless connector
5. Cap must remain on needleless connector for a minimum of one (1) minute and may remain on for seven (7) days if not removed
6. New cap should be placed on needleless connector after each use
7. Discard cap after each use; do not reuse cap
8. Follow hospital protocol for disinfecting needleless connectors, if performing sequential accesses



Active Ingredient: 70% Isopropyl Alcohol (IPA) • **Rx only**
For best results, store in a cool, dry place.

Not Made With Natural Rubber Latex

Do not use if package is damaged

Do Not Reuse

STERILE | Sterilized using irradiation

Do Not Reuse

Not made with the Plasticizer Diethylhexylphthalate (DEHP).

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Issue Date: 2018-02
34-8720-1364-3

Single - **34-8720-1364-3** — 8.5" x 11"

3M curoso™ Disinfecting Cap Strip for Needleless Connectors



Intended Use

The Curoso™ Disinfecting Cap is intended for use on **needleless connectors** only as a disinfecting cleaner prior to IV access and to act as a cover between line accesses. The cap will disinfect the needleless connector one (1) minute after application and protect from contamination between accesses for up to seven (7) days if not removed. The effectiveness of the cap was tested in vitro against *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Candida glabrata*, and *Candida albicans* and was found to have >4 log reduction. The cap may be used in the home or healthcare facility.

Instructions for Use

WARNING: To avoid potential injury - use ONLY on needleless connectors

CAUTION: Potential choking hazard

CAUTION: Safety and consequences related to isopropyl alcohol (IPA) have not been established or determined in the toxicology literature for the infant population.

1. If needleless connector is visibly soiled, clean with 70% Isopropyl Alcohol swab before using cap
2. Do not use cap if seal is broken, torn, or punctured, or sponge appears dry
3. Peel cap from foil strip
4. Once foil is removed, push and twist cap onto end of needleless connector
5. Cap must remain on needleless connector for minimum of one (1) minute and may remain on for seven (7) days if not removed
6. New cap should be placed on needleless connector after each use
7. Discard cap after each use; do not reuse cap
8. Follow hospital protocol for disinfecting needleless connectors, if performing sequential accesses



Active Ingredient: 70% Isopropyl Alcohol (IPA) • **Rx only**
For best results, store in a cool, dry place.

Not Made With Natural Rubber Latex

Do not use if package is damaged

Do Not Reuse

STERILE | Sterilized using irradiation

Do Not Reuse

Not made with the Plasticizer Diethylhexylphthalate (DEHP).

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Issue Date: 2018-02
34-8720-1365-0

Strip - **34-8720-1365-0** — 8.5" x 11"

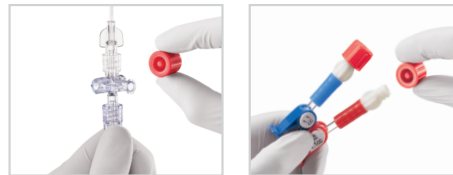


3M™ Curoso™ Stopper

Disinfecting Cap for Open Female Luers



Stopper Disinfecting Cap for Open Female Luers



Intended Use

The Curoso™ Stopper Disinfecting Cap for Open Female Luers is intended for use only on open female luers such as catheter hubs and stopcocks. After application, it acts as an external disinfecting barrier prior to IV access and as a cover between line accesses. In one (1) minute after application the cap will disinfect the connection and protect from contamination between accesses for up to seven (7) days if not removed. The effectiveness of the cap was tested in vitro against *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Candida glabrata*, and *Candida albicans* and was found to have >4 log reduction. This cap may be used in the home or healthcare facility.

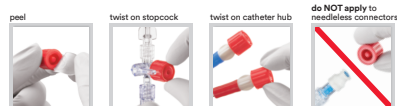
Instructions for Use

WARNING: To avoid potential injury - use ONLY on open female luers and ensure the cap is securely tightened.


CAUTION: Potential choking hazard

CAUTION: Safety and consequences related to isopropyl alcohol (IPA) have not been established or determined in the toxicology literature for the infant population.

1. Verify stopcock valve or catheter clamps are in the closed position prior to using the Curoso™ Stopper Disinfecting Cap for Open Female Luers
2. If open female luer is visibly soiled, clean with 70% Isopropyl Alcohol swab before using cap
3. Do not use cap if the seal is broken, torn, or punctured
4. Detach the cap from the luer
5. Once foil is removed, push and twist device clockwise onto the end of the open female luer until tightly connected
6. Cap must remain in place for a minimum of one (1) minute and may remain on for seven (7) days if not removed
7. Discard cap after each use; do not reuse cap
8. New cap should be placed on open female luer after each use
9. Follow hospital protocol for disinfecting open female luers, if performing sequential accesses




Active Ingredient: 70% Isopropyl Alcohol (IPA) • Rx only
For best results, store in a cool, dry place.

 Not Made With Natural Rubber Latex

 Sterilized using irradiation

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Issue Date: 2017-02
34-8720-3467-2

 Do not use if package is damaged

 Do Not Resterilize

 Do Not Reuse

 Not made with the Plasticizer Diethylhexylphthalate (DEHP).

Single - 34-8720-3467-2 — 8.5" x 11"



Strip Disinfecting Cap for Open Female Luers



Intended Use

The Curoso™ Strip Disinfecting Cap for Open Female Luers is intended for use only on open female luers such as catheter hubs and stopcocks. After application, it acts as an external disinfecting barrier prior to IV access and as a cover between line accesses. In one (1) minute after application the cap will disinfect the connection and protect from contamination between accesses for up to seven (7) days if not removed. The effectiveness of the cap was tested in vitro against *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Candida glabrata*, and *Candida albicans* and was found to have >4 log reduction. This cap may be used in the home or healthcare facility.

Instructions for Use

WARNING: To avoid potential injury - use ONLY on open female luers and ensure the cap is securely tightened.

CAUTION: Potential choking hazard


CAUTION: Safety and consequences related to isopropyl alcohol (IPA) have not been established or determined in the toxicology literature for the infant population.

1. Verify stopcock valve or catheter clamps are in the closed position prior to using the Curoso™ Strip Disinfecting Cap for Open Female Luers
2. If open female luer is visibly soiled, clean with 70% Isopropyl Alcohol swab before using cap
3. Do not use cap if the seal is broken, torn, or punctured
4. Detach the cap from the luer
5. Once foil is removed, push and twist device clockwise onto the end of the open female luer until tightly connected
6. Cap must remain in place for a minimum of one (1) minute and may remain on for seven (7) days if not removed
7. Discard cap after each use; do not reuse cap
8. New cap should be placed on open female luer after each use
9. Follow hospital protocol for disinfecting open female luers, if performing sequential accesses




Active Ingredient: 70% Isopropyl Alcohol (IPA) • Rx only

 Not Made With Natural Rubber Latex

 Do not use if package is damaged

 Do Not Reuse

 Sterilized using irradiation

 Not made with the Plasticizer Diethylhexylphthalate (DEHP)

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Issue Date: 2016-09
34-8720-3468-0

Strip - 34-8720-3468-0 — 8.5" x 11"



3M™ Curoso™ Disinfecting Cap for Tego® Hemodialysis Connectors





Curoso for Tego®

**Disinfecting Cap for Tego®
Hemodialysis Connectors**



Intended Use

The Curoso Disinfecting Cap for Tego Hemodialysis Connectors is intended for use on **needleless connectors** only as a disinfecting cleaner prior to IV access and to act as a cover between line accesses. The cap will disinfect the needleless connector one (1) minute after application and protect from contamination between accesses for up to seven (7) days if not removed. The effectiveness of the device was tested in vitro against *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Candida glabrata*, and *Candida albicans* and was found to have >4 log reduction. The cap may be used in the home or healthcare facility.

Instructions for Use

WARNING: To avoid potential injury - use ONLY on needleless connectors
CAUTION: Potential choking hazard
CAUTION: Safety and consequences related to isopropyl alcohol (IPA) have not been established or determined in the toxicology literature for the infant population.

1. If needleless connector is visibly soiled, clean with 70% Isopropyl Alcohol swab prior to using cap.
2. Do not use cap if seal is broken, torn, or punctured, or sponge appears dry.
3. Peel the foil tab from the device.
4. Once foil is removed, push and twist cap onto end of needleless connector.
5. Cap must remain on needleless connector for minimum of one (1) minute and may remain on for seven (7) days if not removed.
6. New cap should be placed on needleless connector after each use.
7. Discard cap after each use; do not reuse cap.
8. Follow hospital protocol for disinfecting needleless connectors, if performing sequential accesses.



peel



twist

Active Ingredient: 70% Isopropyl Alcohol (IPA) • Rx only
For best results, store in a cool, dry place.

 Not Made With Natural Rubber Latex	 Sterilized using irradiation
 Do not use if package is damaged	 Do Not Reuse
 Do Not Reuse	 Not made with the Plasticizer Diethylhexylphthalate (DEHP).

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3M™ Curoso™ disinfecting caps are not
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Issue Date: 2017-12
34-8720-1371-8

Single - 34-8720-1371-8 — 8.5" x 11"



3M™ Curoso Tips™ Disinfecting Cap Strip for Male Luers





Curoso Tips™

Disinfecting Cap Strip for Male Luers




Intended Use

The Curoso Tips™ Disinfecting Cap is intended for use as a disinfecting cleaner on **male luer devices** only and to act as a cover between line accesses. The Curoso Tips disinfecting cap will disinfect the male luer device one (1) minute after application and protect from contamination between accesses for up to seven (7) days if not removed. The effectiveness of Curoso Tips disinfecting cap was tested in vitro against *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Candida glabrata*, and *Candida albicans* and was found to have >4 log reduction. The Curoso Tips disinfecting cap may be used in the home or healthcare facility.

Instructions for Use

CAUTION: Potential choking hazard
CAUTION: Safety and consequences related to isopropyl alcohol (IPA) have not been established or determined in the toxicology literature for the infant population.

1. If male luer is visibly soiled, clean with 70% Isopropyl Alcohol swab before using Curoso Tips™ Disinfecting Cap.
2. Do not use if foil is breached or disrupted.
3. Peel Curoso Tips disinfecting cap from foil strip.
4. Once foil is removed, push and twist Curoso Tips disinfecting cap onto end of male luer device.
5. Curoso Tips disinfecting cap must remain on male luer device for a minimum of one (1) minute and may remain on for seven (7) days if not removed.
6. New Curoso Tips disinfecting cap should be placed on male luer device after each use. Do not reuse, as reuse may result in cross-contamination and/or may not provide efficacy due to lack of alcohol present.
7. Curoso Tips disinfecting cap are not designed to maintain a closed system. Ensure tubing clamp is closed or syringe is not depressed.



peel



twist

Active Ingredient: 70% Isopropyl Alcohol (IPA) • Rx only
For best results, store in a cool, dry place.

 Not Made With Natural Rubber Latex	 Sterilized using irradiation
 Do not use if package is damaged	 Do Not Reuse
 Do Not Reuse	 Not made with the Plasticizer Diethylhexylphthalate (DEHP).

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Issue Date: 2016-02
34-8720-1369-2

Strip - 34-8720-1369-2 — 8.5" x 11"

Instructions for Use Videos

Even after inservicing is completed, it is always important to have training materials available.

A Curo[™] Disinfecting Port Protector Overview video and detailed training videos are available for each cap type.

Start with the overview video to learn about the importance of passive disinfection, and then watch the training video(s) for each product in use at your facility.



**Visit [3M.com/IVtraining](https://www.3m.com/IVtraining)
to get started**



HealthStream[®]

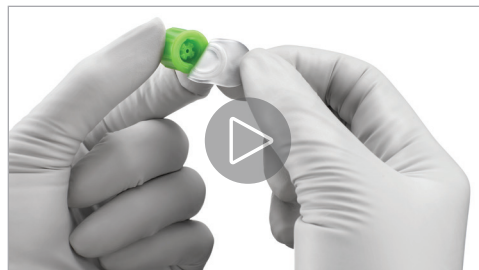
You can access all the 3M modules through your facility's HealthStream[®] account. Simply go to OneSource Medical Product Training on the Catalog tab and select 3M from the list of manufacturers to locate these modules.

Watch first

3M™ Curoso™ Disinfecting Port Protectors Overview Video



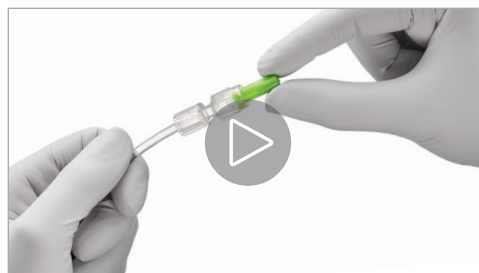
3M™ Curoso Jet™ Disinfecting Cap for Needleless Connectors



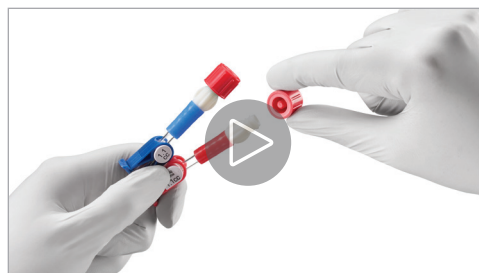
3M™ Curoso™ Disinfecting Cap for Needleless Connectors



3M™ Curoso Tips™ Disinfecting Cap for Male Luers



3M™ Curoso™ Stopper Disinfecting Cap for Open Female Luers



3M™ Curoso™ Disinfecting Cap for Tego® Hemodialysis Connectors



Skills Checklist

Record completion of training and skills as needed per facility protocol.

This form can be printed and completed following the educational inservice to record completion of training.

Skills Checklist



Visit the digital resource center
at 3M.com/Peak/IVcare



Call your Account Manager



Name _____

Date _____ Department _____

Competency Checklist

Yes	No	Competency Item
		Clinician acknowledges Curoso™ Disinfecting Port Protector caps contain 70% IPA and are to be used on the appropriate IV access point.
		Clinician understands the IV access point is disinfected once a Curoso disinfecting cap has been in place for 1 minute. Scrubbing the IV access point after removing the Curoso disinfecting port protector cap is not necessary as long as it has been in place for at least 1 minute but less than 7 days.
		Clinician states acknowledgement of facility's protocol on swabbing between sequential accesses.
		Clinician understands that Curoso disinfecting port protector caps may remain in place for 7 days unless removed.
		Clinician acknowledges facility's protocol for Curoso disinfecting port protector caps to be utilized on any patient with intravascular access (Peripheral IV, Central Line, PICC Line) on all IV access points not in use.
		Clinician understands that Curoso disinfecting port protector caps are single use and should be discarded if removed.
		Clinician understands that if the foil seal is broken, torn, punctured, or if the inside of the Curoso cap appears to be dry, then it should not be used.
		Clinician understands if there is visible soil on the IV access point they should swab before placing on a new Curoso disinfecting port protector cap.

Satisfactory Unsatisfactory

Recommendations if unsatisfactory:

Evaluator's Signature _____ Date _____

Clinician's Signature _____ Date _____

3M™ Curoso™ Cap Game

Take on the 3M Curoso Cap Game challenge to fight against virtual microbes by quickly and accurately applying Curoso disinfecting port protectors. This game reinforces the educational inservice training and allows clinicians to demonstrate their comprehension of "capping it with the right color" as they connect the correct caps to a variety of intraluminal IV access points, including needleless connectors, male luers, stopcocks and catheter hubs.

Why a game? Games are an excellent medium for reinforcing previously learned educational material. In fact, one New Jersey hospital implemented the use of online games and educational activities to help reduce urinary tract infections and saw a 20% improvement in staff knowledge and a 264% improvement in Foley urinary catheter-free device days.³

Clinicians may download the game post-inservicing from the Google Play™ or Apple Store®. It's a fun way to reinforce proper product use. You can even encourage a friendly competition to see who can achieve the highest score.



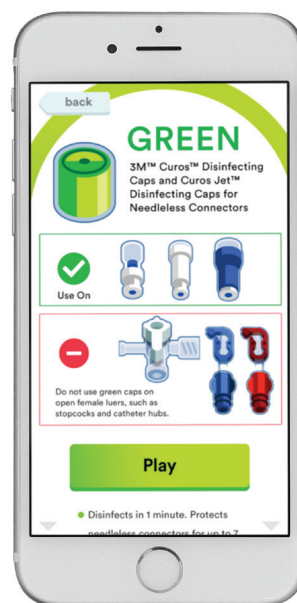
3. "New Jersey Hospital Uses AHRQ Toolkit to Reduce Urinary Tract Infections." AHRQ: Agency for Healthcare Research and Quality: Advancing Excellence in Health Care. March 09, 2017. <https://www.ahrq.gov/policymakers/case-studies/201701.html>.



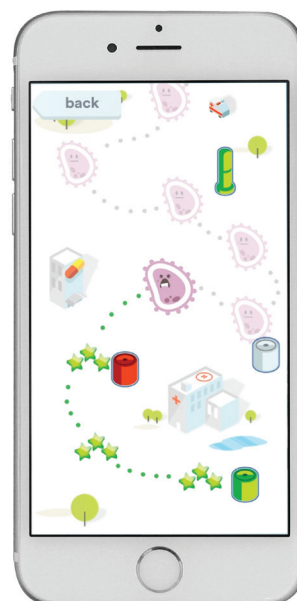
Home Screen



Tutorial



Training



In-game

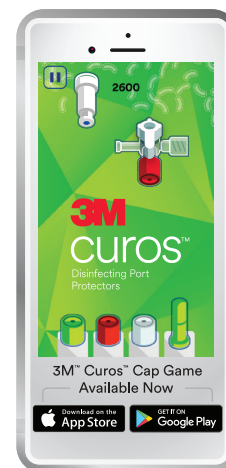
Postcard

If you'd like to announce the 3M Curoso Cap Game to clinicians, this postcard is available for order.

70-2011-6874-0



Call your Account Manager



Clinical Education

3MSM Health Care Academy offers online continuing education (CE) credits for healthcare professionals to help enhance their expertise and improve patient care. From online self-study to webinars, 3MSM Health Care Academy offers more than 50 free courses in flexible formats to suit many different learning styles.

With content from a global community of thought-leaders and trusted clinical experts, this professional and educational resource helps you stay current in an environment of continuous change.

Areas of study



Professional Development Programs



IV Site Care Programs



Skin Care Programs

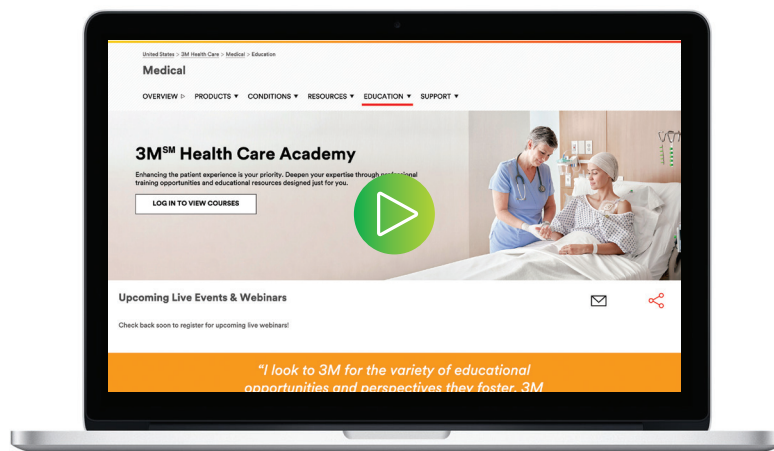


Wound Care & Edema Management Programs

3MSM Health Care Academy



Visit 3M.com/MedicalEducation to get started



In-person CE Course Brochure



Visit the digital resource center at 3M.com/Peak/IVcare



Call your Account Manager



3MSM Health Care Academy

Deepen your expertise through Continuing Education

3MSM Health Care Academy offers free, in-person CE courses facilitated by 3M Clinical Specialists to help advance your knowledge and improve patient care. To sign up for one of the topics, please connect with your 3M Medical Solutions Representative.

Topics include:

- Identifying, preventing, and managing skin and wound care challenges
- Improving patient safety through sterilization and cleaning monitoring
- Minimizing surgical complications
- Minimizing vascular access complications

Enhancing the patient experience is your priority. Invest in yourself through professional training opportunities and educational resources designed just for you.

If you're interested in webinars, on-demand learning, or other events, visit 3M.com/MedicalEducation to create an account for our online platform. When you sign up for a free account, you receive access to hundreds of on-demand courses, many of which are eligible for continuing education credit.

70-2011-7820-2



Improve

To ensure your facility is set up for long term success, we'll work directly with you to create a personalized implementation plan.

In the Improve phase, you will find resources to help with implementation planning and preparation, product inventory management and more.

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Implementation Resources

Prepare for a successful product implementation with guides, checklists, agendas, sample policy change documents and stock labels.



**Visit the digital resource center
at 3M.com/Peak/IVcare**



Call your Account Manager

Planning Meeting

In order to ensure a successful implementation, we recommend that a comprehensive pre-implementation or planning meeting be held with all clinical and supply-chain stakeholders. This planning meeting is critical for a smooth implementation and for setting expectations to achieve long-term success. At this meeting, the key stakeholders also make decisions about items that are customizable, depending upon the protocol for your facility. Once those decisions are made, we ensure that the education provided matches the protocols. Planning meeting resources are detailed below.

① Planning Meeting Checklist

To help you prepare for a successful implementation, we have created a checklist that provides estimated time frames and detailed tasks to be completed at each phase of the process, from pre-implementation through post-go-live.

② Planning Meeting Agenda

Use the planning meeting agenda as an outline for topics to be covered at the planning meeting. The agenda can be printed and provided to attendees at the meeting.

③ Sample Policy Change Document

Use the Sample Policy and Clinical Practice Guidelines document as a reference when updating the IV access point disinfection policy or protocol for your facility.

Planning Meeting Checklist

3M Sales Rep _____ Phone _____

3M Clinical Specialist _____ Phone _____

Other _____ Phone _____

2–3 Weeks Prior to Planning Meeting

- Coordinate with leadership and 3M team to set planning meeting date
- Send email invite for Planning Meeting
 - CNO/CNE if possible
 - Infection Prevention Director/Manager
 - Vascular Access/PICC Team
 - Unit Director/Managers
 - Educators
 - Supply Chain/Materials Management
- Secure meeting room and AV capabilities
- Discuss current policy and procedures

1 Week Prior to Planning Meeting

- Send reminder email — Request RSVP to establish head count
- Secure hospital department list for 3M rep for educational resource requirement
- Secure samples of pump IV tubing, needleless connectors, dialysis catheter
- Confirm meeting room and AV equipment

Planning Meeting

- Provide introductions and background of the project
- Establish in-service and go-live dates
- Finalize policy and procedures
- Establish auditor meeting date
- Establish 30-day follow-up meeting date



Walk-through at planning meeting or 1–2 weeks prior to inservice

- Attend with 3M Sales Rep, 3M Clinical Specialist team and Central Supply (if possible) to help identify stock locations
- Hang customizable Coming Soon Posters

Pre-inservice 1 week prior to inservice

- Send out implementation and inservice announcements
 - *Emails to all hospital departments*
 - *Pre- and post-huddle announcements (provide flyers)*
- Secure (or help facilitate collection of) staff rosters for inservicing team

Inservice

- Post How to Use posters
- Present to any pertinent committees for product awareness/project updates
 - *PICC Team*
 - *CLABSI Committee*
 - *Anesthesia Committee*
 - *Infection Prevention Committee*

Prior to auditor/infection prevention liaison meeting

- Send invite/reminder to auditors identified by Unit Managers/Directors
- Send auditor roster to 3M Clinical Specialist team for final head count
- Determine process flow for auditing (who, what document, when, where does it go, how often)
- Provide education to auditors (why, what document, how to fill it out, how often, where does it go)

Post go-live

- Schedule 30-day follow up meeting with original planning meeting attendees
- Gather compliance data and post on unit, send via email, create flyers for huddle, etc.
- Send compliance data to CNO/CNE, CLABSI Committee, Nurse managers
- Verify policy and procedures have been updated and includes CuroS Disinfecting Port Protectors
- Hang additional support posters from toolbox

3M™ CuroS™ Disinfecting Port Protector Planning Meeting Agenda

Planning Meeting Date _____

Time _____

CuroS Disinfecting Port Protector Overview

- What are CuroS Disinfecting Port Protectors?
- The problem with unprotected IV access points
- How CuroS Disinfecting Port Protectors work
 - *Advantages over scrubbing*
- CuroS Disinfecting Port Protectors Circle of Disinfection and Protection
- Product specific information
- Clinical evidence and best practice guidelines

Facility-Specific Protocols

- CuroS Disinfecting Port Protector protocol
- Sequential access
- Small item review
- Delivery method
 - *Singles and/or strips*
- Urinary catheter sample ports
- Stopcocks
- Caps for home use

Compliance is Key

- 3M™ PEAK™ Clinical Outcomes Program
 - *Prepare, Educate, Assess, Keep it up*
- Key to Success: Compliance
 - *Audit and tracking tools*
- Additional tools and resources



Action Items

- Communicate roll out / go-live / start dates
- Product education
 - *Roaming inservice*
 - *Department List / Staff Rosters*
 - *Who is going to conduct the audits?*
 - *Communication of compliance rates*

Support Materials

- Inservice kit
- Customizable coming soon flyers
- How to use and support / reminder posters
- Cap it with the right color posters
- Point of use reminders - IV hang tags and removable stickers
- 3M™ CuroS™ Cap game

Post Go-Live Support

- 30-Day Post Go-Live meeting
- Quarterly reviews

Sample Policy and Clinical Practice Guidelines

3M™ CuroS™ Disinfecting Cap for Needleless Connectors

1. Summary

This policy provides guidance to maintain a disinfected and protected needleless connector.

2. Policy

- a. All needleless connectors used in vascular access will be protected by a CuroS cap if not in use.
- b. The CuroS cap is single use only.
- c. Discard any removed CuroS cap and replace with new cap.
- d. New CuroS cap(s) will be applied to each needleless connector if accessed and with each [enter facility's protocol] hour tubing and [enter facility's protocol] hour needleless connector changes. (Applied CuroS caps must be exchanged at least q 7 days)
- e. If CuroS cap has been in place = or > 1 minute and less than 7 days, no additional disinfection ("hub scrub") is required once the cap is removed as long as there is immediate needleless connector access.
- f. If needleless connector is immediately needed for access and is found without a CuroS cap then a proper "hub scrub" of [enter facility's description] must be performed prior to access. Once the needleless connector access is completed, apply a new CuroS cap.

3. Note

- a. CuroS caps are not made with natural rubber latex.
- b. Caps do not contain DEHP (diethylhexylphthalate).

4. Performed By

Any professional credentialed to obtain vascular access.

5. Equipment

- a. CuroS caps: 10-strip, 5 strip, or singles (as deemed most appropriate for patient).
- b. Any luer-locking needleless connector not in use (Including Y-Sites on IV tubing).

6. Education

Explain placement and purpose of disinfecting port protector to patient and instruct to leave in place.

7. Intervention

- a. Prior to applying the CuroS cap, check the needleless connector. If it is visibly soiled, wipe with an alcohol swab if needed. There is no need to wipe with alcohol if there is no visible soil on the needleless connector.
- b. Peel foil tab or strip from a CuroS cap.
- c. Push and twist the CuroS cap onto the top of needleless connector or y-site until secure.
- d. Apply CuroS caps to all needleless connectors on every vascular line (Central, Peripheral, PICC).
- e. When ready to access line, simply remove the CuroS cap and discard. Maintain sterility with needleless connector and access with aseptic technique.
- f. Apply a new CuroS cap when completed.

8. Documentation

- a. Document teaching on Education Teaching Record.
- b. Document interventions appropriately [facility's protocol].

Stock Labels

Streamline change management and achieve high compliance when using 3M™ Curoso™ Disinfecting Port Protectors by making sure everyone knows where to find the product.

“Curoso Disinfecting Port Protectors Stocked Here” labels are available for your supply rooms to indicate where Curoso products are placed. These can be downloaded and customized to your facility’s label size.

Prints on Avery® Label 8163 — 8.5" x 11"



**Visit the digital resource center
at 3M.com/Peak/IVcare**



Call your Account Manager



Evaluation Resources

Quickly assess current facility protocol and evaluation of 3M™ Curoc™
Disinfecting Port Protectors used during product trial.

Evaluation Form



Visit the digital resource center
at 3M.com/Peak/IVcare



Call your Account Manager

3M™ Curoso™ Disinfecting Port Protectors

Product Evaluation Form

Facility Information

Facility Name: _____ Start Date: _____ End Date: _____

Evaluator's Initials: _____ Shift: _____

Check the type of Curoso™ Disinfecting Port Protectors you evaluated (Check all that apply.)

- Curoso™ Disinfecting Cap for Needleless Connectors: Singles (CFF1-270) Strips (CFF10-250)
 Curoso Jet™ Disinfecting Cap for Needleless Connectors: Singles (CFJ1-270) Strips (CFJ5-250)
 Curoso™ Stopper Disinfecting Cap for Open Female Luers: Singles (CSA1-270) Strips (CSA5-250)
 Curoso™ Disinfecting Cap for Tego® Hemodialysis Connectors (CTG1-270)
 Curoso Tips™ Disinfecting Cap Strip for Male Luers (CM5-200)

Current Protocol

What is your facility's policy/procedure for:

- Time spent cleaning needleless connector before use? _____
- Dry time for needleless connector before use? _____
- Disinfecting open female luers (such as stopcocks and catheter hubs)? _____
- Disinfecting male luers? _____

Evaluation

Using the chart below, please rate the performance of the Curoso™ Disinfecting Port Protectors compared to your current disinfection protocol.

Performance	Much Worse	Worse	Same As	Superior	Far Superior	NA or (not observed)
Increases confidence that ports were clean and disinfected prior to the next access?	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> NA
Enables ease of use when disinfecting I.V. access points?	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> NA
Eliminates user-variability and technique variation?	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> NA
Enables ease of auditing to see whether every port is protected?	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> NA
Is easier and less time-consuming?	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> NA
Increases compliance due to bedside availability?	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> NA
Increases the overall consistency of disinfection protocols in the facility?	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> NA

Overall Performance

As compared to your current practice, did you find the use of the Curoso™ Disinfecting Port Protectors to be:

- Superior Equal To Not As Good As

Comments: _____

To what extent do you agree with this statement: Curoso™ Disinfecting Port Protectors would make it easier for clinicians to consistently disinfect needleless connectors than the existing protocol?

- Strongly Disagree Disagree Undecided Agree Strongly Agree

Comments: _____

To what extent do you agree with this statement: Curoso™ Disinfecting Port Protectors provide better quality of care for patients than scrubbing the hub?

- Strongly Disagree Disagree Undecided Agree Strongly Agree

Comments: _____

Would you recommend the use of Curoso™ Disinfecting Port Protectors to other clinicians in your facility?

- Yes No Comments: _____

Please save and submit your completed evaluation form to your evaluation coordinator.



3M Health Care
Critical & Chronic Care Solutions Division
 2510 Conway Avenue
 St. Paul, MN 55144-1000 USA

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 Web 3M.com/Curoso

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 70-2011-6721-3

Inservice Posters

One of the keys to a successful inservice is making sure every clinician knows a new product is coming. Customize inservice posters with dates, times and locations. View sample posters and contact your 3M Account Manager for a full list.



**Visit the digital resource center
at 3M.com/Peak/IVcare**



Call your Account Manager

Full Product Line



3M
CUROS™
Disinfecting Port
Protectors

**Available soon
at a bedside
near you.**

3M™ Curo™ Disinfecting Port Protectors are coming soon to your facility. Use the entire family of Curo™ disinfecting port protectors to reduce risks across all intraluminal access points.

Learn about using Curo™ disinfecting port protectors to disinfect and protect all of your IV access points.

When:	Where:
Curo™ disinfecting port protectors caps will be available in your facility:	

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Medical Solutions Division
3M Health Care
2010 Conover Avenue
St. Paul, MN 55144 USA
1 800 228-3957
www.3M.com/Medical



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8.5" x 11"

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Disinfecting Port
Protectors


**Available soon
at a bedside
near you.**

3M™ Curo™ Disinfecting Port Protectors are coming soon to your facility. Use the entire family of Curo™ disinfecting port protectors to reduce risks across all intraluminal access points.

Learn about using Curo™ disinfecting port protectors to disinfect and protect all of your IV access points.

When:	Where:
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3M™ Curoos Jet™

Disinfecting Cap for
Needleless Connectors



3M™ Curoos™

Disinfecting Cap for
Needleless Connectors



3M
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Disinfecting Port Protectors

It's about time.

Come learn about Curoos™
Disinfecting Port Protectors.


When: _____

Where: _____

Curoos will be available in your hospital:

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It's about time.

Come learn about Curoos™
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When: _____

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3M™ Curoos™ Stopper

Disinfecting Cap for
Open Female Luers



3M
curoos™
Disinfecting Port Protectors

It's about time.

Come learn about 3M™ Curoos™
Stopper Disinfecting Cap for
Open Female Luers

When: _____

Where: _____

Curoos™ Stopper cap will be available in your hospital:


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8.5" x 11"



3M™ Curoos Tips™

Disinfecting Cap Strip for
Male Luers



3M
curoos™
Disinfecting Port Protectors

**Disinfect
and protect
your patients'
ports
faster
than ever.**

Come learn about Curoos Tips™
Disinfecting Cap Strip for Male Luers.

When: _____

Where: _____

Curoos will be available in your hospital:

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Educational Resources

How to Use Posters

Provide quick reminders of how to use 3M™ Curoc™ Disinfecting Port Protectors by hanging these posters on bulletin boards or in break rooms. They outline the basic steps and directions for each product.



**Visit the digital resource center
at [3M.com/Peak/IVcare](https://www.3m.com/Peak/IVcare)**



Call your Account Manager



3M™ Curoso Jet™

Disinfecting Cap for Needleless Connectors



3M
curoso™
Disinfecting Port Protectors

HOW TO USE

Curoso Jet™

Disinfecting Cap for Needleless Connectors

Disinfects in 1 minute — protects ports for up to 7 days.



Peel
the foil from the 3M™ Curoso™ Jet Disinfecting Cap.



Push & Twist
the Curoso Jet disinfecting cap clockwise onto the end of the needleless connector.

- If needleless connector is heavily soiled, clean with 70% isopropyl alcohol swab prior to using cap.
- Do not use cap if seal is broken, torn, or punctured.
- Cap must remain on needleless connector for minimum of one (1) minute and may remain on for seven (7) days if not removed.
- The needleless connector can be accessed immediately after removing the Curoso Jet disinfecting cap that has been in place for a minimum of one (1) minute.
- Always place a new Curoso Jet disinfecting cap on needleless connector following completion of a valve access.
- Dispose of the Curoso Jet disinfecting cap after every use.
- Follow hospital protocol for disinfecting needleless connectors, if performing sequential accesses.

WARNING: To avoid potential for injury - use ONLY on needleless connectors.
CAUTION: Potential choking hazard.

 **Green means clean.**

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3M Health Care
200 Curvex Avenue
St. Paul, MN 55128 USA
1-800-228-5927
www.3M.com/CSD

STERILE 

Active Ingredient: 70% Isopropyl Alcohol (IPA)
Single Use Only. In Only. This device is not made with natural rubber latex or phthalate. Diethylhexylamine (DEHP). Refer to current device labeling for indications for use, warnings and product details.

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70-2011-5725-5

70-2011-5725-5 — 11" x 17"



3M™ Curoso™

Disinfecting Cap for Needleless Connectors




3M
curoso™
Disinfecting Port Protectors

HOW TO USE


Curoso™

Disinfecting Cap for Needleless Connectors

Disinfects in 1 minute — protects ports for up to 7 days.




Peel
the foil from the 3M™ Curoso™ Disinfecting Cap.




Push & Twist
the Curoso disinfecting cap clockwise onto the end of the needleless connector.

- If needleless connector is heavily soiled, clean with 70% isopropyl alcohol swab before using cap.
- Do not use cap if seal is broken, torn, punctured, or sponge appears dry.
- Cap must remain on needleless connector for a minimum of one (1) minute and may remain on for seven (7) days if not removed.
- The needleless connector can be accessed immediately after removing the Curoso disinfecting cap that has been in place for a minimum of one (1) minute.
- Always place a new Curoso disinfecting cap on needleless connector after each use.
- Dispose of the Curoso disinfecting cap after every use.
- Follow hospital protocol for disinfecting needleless connectors, if performing sequential accesses.

WARNING: To avoid potential for injury, use only on needleless connectors.
CAUTION: Potential choking hazard.

 **Green means clean.**

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3M™ Curoos Jet™

Disinfecting Cap for Needleless Connectors: Home Infusion



3M
CUROOS™
Disinfecting Port Protectors

HOW TO USE: DISINFECTING CAP FOR HOME INFUSION

Curoos Jet™

Disinfecting Cap for Needleless Connectors

Disinfects in 1 minute — protects ports for up to 7 days.

Peel
the foil from the 3M™ Curoos Jet™ Disinfecting Cap

Push & Twist
the Curoos Jet disinfecting cap clockwise onto the end of the needleless connector.

- If the valve becomes soiled with blood or other contaminants, it should be swabbed with a 70% isopropyl alcohol pad for 15 seconds before placing a new Curoos Jet disinfecting cap on the clean valve.
- As a precaution, replace the Curoos Jet disinfecting cap if it gets wet.
- Do not use cap if seal is broken, torn, punctured, or sponge appears dry.
- Cap must remain on needleless connector for a minimum of one (1) minute and may remain on for seven (7) days if not removed.
- The needleless connector can be accessed immediately after removing the Curoos Jet disinfecting cap that has been in place for a minimum of one (1) minute.
- Always place a new Curoos Jet disinfecting cap on needleless connector following completion of a valve access.
- Dispose of the Curoos Jet disinfecting cap after every use.

WARNING: To avoid potential for injury, use only on needleless connectors.
CAUTION: Potential choking hazard.

Green means clean.

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STERILE R

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70-2011-6879-9 — 8.5" x 11"



3M™ Curoos™

Disinfecting Cap for Needleless Connectors: Home Infusion



3M
CUROOS™
Disinfecting Port Protectors

HOW TO USE: DISINFECTING CAP FOR HOME INFUSION

Curoos™

Disinfecting Cap for Needleless Connectors

Disinfects in 1 minute — protects ports for up to 7 days.

Peel
the foil from the 3M™ Curoos™ Disinfecting Cap

Push & Twist
the Curoos disinfecting cap clockwise onto the end of the needleless connector.

- If the valve becomes soiled with blood or other contaminants, it should be swabbed with a 70% isopropyl alcohol pad for 15 seconds before placing a new Curoos cap on the clean valve.
- As a precaution, replace the Curoos cap if it gets wet.
- Do not use cap if seal is broken, torn, punctured, or sponge appears dry.
- Cap must remain on needleless connector for a minimum of one (1) minute and may remain on for seven (7) days if not removed.
- Always place a new Curoos disinfecting cap on needleless connector following completion of a valve access.
- Dispose of the Curoos disinfecting cap after every use.

WARNING: To avoid potential for injury, use only on needleless connectors.
CAUTION: Potential choking hazard.

Green means clean.

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70-2011-5736-2 — 8.5" x 11"



3M™ Curostopper™ Stopper

Disinfecting Cap for Open Female Luers



3M™ Curostopper™ Stopper

Disinfecting Cap for Open Female Luers: Dialysis




3M Curostopper™
Disinfecting Port Protectors

HOW TO USE: DISINFECTING CAP FOR STOPCOCKS AND CATHETER HUBS

Curostopper™ Stopper

Disinfecting Cap for Open Female Luers

Disinfects in 1 minute. Protects open female luers for up to 7 days.



- Verify stopcock valve or catheter clamps are in the **closed** position prior to using the 3M™ Curostopper™ Disinfecting Cap for Open Female Luers
- If open female luer is visibly soiled, clean with 70% Isopropyl Alcohol swab before using cap
- Do not use cap if the seal is broken, torn, or punctured
- Detach the cap from the foil
- Once foil is removed, push and twist device clockwise onto the end of the open female luer until tightly connected
- Cap must remain in place for a minimum of one (1) minute and may remain on for seven (7) days if not removed
- The open female luer can be accessed immediately after removing the Curostopper disinfecting cap that has been in place for a minimum of one (1) minute
- Discard cap after each use; do not reuse cap
- New cap should be placed on open female luer after each use
- Follow hospital protocol for disinfecting open female luers, if performing sequential accesses.

WARNING: To avoid potential for injury, use only on open female luers and ensure the cap is securely tightened.
CAUTION: Potential choking hazard.

STERILE R

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70-2011-6729-6

Active Ingredient: 70% Isopropyl alcohol (IPA), Single Use Only. Do Only. This device is not made with natural rubber latex or plasticizer. Contains phthalate (DEHP). Refer to current device labeling for indications for use, warnings and product details.

Do not apply to needless connectors

Do not apply to Tego™ Hemodialysis Connectors

70-2011-6729-6 — 11" x 17"


3M Curostopper™
Disinfecting Port Protectors

HOW TO USE: DISINFECTING CAP FOR HEMODIALYSIS

Curostopper™ Stopper

Disinfecting Cap for Open Female Luers

Disinfects in 1 minute. Protects open female luers for up to 7 days.



- Verify stopcock valve or catheter clamps are in the **closed** position prior to using the 3M™ Curostopper™ Disinfecting Cap for Open Female Luers
- If open female luer is visibly soiled, clean with 70% Isopropyl Alcohol swab before using cap
- Do not use cap if the seal is broken, torn, or punctured
- Detach the cap from the foil
- Once foil is removed, push and twist device clockwise onto the end of the open female luer until tightly connected
- Cap must remain in place for a minimum of one (1) minute and may remain on for seven (7) days if not removed
- The open female luer can be accessed immediately after removing the Curostopper disinfecting cap that has been in place for a minimum of one (1) minute
- Discard cap after each use; do not reuse cap
- New cap should be placed on open female luer after each use
- Follow hospital protocol for disinfecting open female luers, if performing sequential accesses.

WARNING: To avoid potential for injury, use only on open female luers and ensure the cap is securely tightened.
CAUTION: Potential choking hazard.

STERILE R

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3M™ Curostopper™ Disinfecting Cap for Open Female Luers
70-2011-6732-0

Active Ingredient: 70% Isopropyl Alcohol (IPA), Single Use Only. Do Only. This device is not made with natural rubber latex or plasticizer. Contains phthalate (DEHP). Refer to current device labeling for indications for use, warnings and product details.

Do not apply to needless connectors

Do not apply to Tego™ Hemodialysis Connectors

70-2011-6732-0 — 11" x 17"



3M™ Curoso™ Disinfecting Cap for Tego® Hemodialysis Connectors



3M
Curoso™
Disinfecting Port Protectors

HOW TO USE

Curoso™ for Tego®

Disinfecting Cap for Tego® Hemodialysis Connectors

Disinfects in 1 minute — protects ports for up to 7 days.

Peel
the foil from the 3M™ Curoso™ Disinfecting Cap for Tego® Hemodialysis Connector.

Push & Twist
the Curoso disinfecting cap for Tego® hemodialysis connector clockwise onto the end of the hemodialysis connector.

- If needless connector is heavily soiled, clean with 70% isopropyl alcohol swab prior to using cap.
- Do not use cap if seal is broken, torn, punctured, or sponge appears dry.
- Cap must remain on needless connector for minimum of one (1) minute and may remain on for seven (7) days if not removed.
- The needless connector can be accessed immediately after removing the Curoso disinfecting cap for Tego® hemodialysis connector that has been in place for a minimum of one (1) minute.
- Always place a new Curoso disinfecting cap for Tego® hemodialysis connector on hemodialysis connector after each use.
- Dispose of the Curoso disinfecting cap for Tego® hemodialysis connector after every use.
- Follow hospital protocol for disinfecting needless connectors, if performing sequential accesses.

WARNING: To avoid potential for injury, use only on Tego® Hemodialysis Connectors.
CAUTION: Potential choking hazard.

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STERILE **R**

Active Ingredient: 70% Isopropyl alcohol (IPA).
Single Use Only. Re-Use Only. This device is not
made with natural rubber latex or plasticizer
Diethylhexylphthalate (DEHP). Refer to current
device labeling for indications for use, warnings
and product details.

70-2011-5799-0 — 11" x 17"



3M™ Curoso Tips™ Disinfecting Cap Strip for Male Luers



3M
Curoso™
Disinfecting Port Protectors

HOW TO USE

Curoso Tips™

Disinfecting Cap for Male Luers

Disinfects in 1 minute — protects male luers for up to 7 days.

Peel
3M™ Curoso Tips™ disinfecting cap from foil strip.

Push & Twist
the Curoso Tips disinfecting cap clockwise onto the end of the male luer.

- If male luer connection on LV line is heavily soiled, clean with 70% isopropyl alcohol swab before using Curoso Tips disinfecting cap.
- Do not use if foil is broken, torn or punctured.
- Curoso Tips disinfecting cap must remain on male luer connection for a minimum of one (1) minute and may remain on for seven (7) days if not removed.
- The needless connector can be accessed immediately after removing the Curoso Tips disinfecting cap that has been in place for a minimum of one (1) minute.
- Always place a new Curoso Tips disinfecting cap on male luer connection after each use.
- Dispose of the Curoso Tips disinfecting cap after every use; do not reuse.

CAUTION: Potential choking hazard.

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STERILE **R**

Active Ingredient: 70% Isopropyl alcohol (IPA).
Single Use Only. Re-Use Only. This device is not
made with natural rubber latex or plasticizer
Diethylhexylphthalate (DEHP). Refer to current
device labeling for indications for use, warnings
and product details.

Green means clean.

70-2011-5798-2 — 11" x 17"

Cap It with the Right Color Posters

It is important for the clinicians to place the right disinfecting cap on the right connector. You can use these posters as an additional training resource to help explain which 3M™ Curoc™ Disinfecting Port Protector is supposed to be used on each IV access point.

Plus, you can work with your Account Manager to customize the poster to include the disinfecting caps your facility has chosen to implement.



**Visit the digital resource center
at 3M.com/Peak/IVcare**



Call your Account Manager














3M™ Curos Jet™

Disinfecting Cap for Needleless Connectors



Cap it with the right color.

Use this Curoso Cap:	Only on:	Do not use on:
 3M™ Curoso Jet™ Disinfecting Cap for Needleless Connectors	 Needleless Connectors	 Open Female Luers (Stopcocks or Catheter Hubs)
 3M™ Curoso™ Stopper Disinfecting Cap for Open Female Luers	 Open Female Luers (Stopcocks or Catheter Hubs)	 Needleless Connectors
 3M™ Curoso™ Disinfecting Cap for Tego® Hemodialysis Connectors	 Tego® Hemodialysis Connectors	 Open Female Luers (Stopcocks or Catheter Hubs)
 3M™ Curoso Tips™ Disinfecting Cap for Male Luers	 Male Luers	

STERILE R

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www.3m.com/C350

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Laval, Québec H4V 1Y1 Canada
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www.3m.ca/HealthCare

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70-2011-6745-2 — 11" x 17"














3M™ Curoso™

Disinfecting Cap for Needleless Connectors



Cap it with the right color.

Use this Curoso Cap:	Only on:	Do not use on:
 3M™ Curoso™ Disinfecting Cap for Needleless Connectors	 Needleless Connectors	 Open Female Luers (Stopcocks or Catheter Hubs)
 3M™ Curoso™ Stopper Disinfecting Cap for Open Female Luers	 Open Female Luers (Stopcocks or Catheter Hubs)	 Needleless Connectors
 3M™ Curoso™ Disinfecting Cap for Tego® Hemodialysis Connectors	 Tego® Hemodialysis Connectors	 Open Female Luers (Stopcocks or Catheter Hubs)
 3M™ Curoso Tips™ Disinfecting Cap for Male Luers	 Male Luers	

STERILE R

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70-2011-6786-6 — 11" x 17"

Bedside Hang Tags

As another resource to ensure clinicians are "capping it with the right color," these bedside hang tags can be placed on IV poles to serve as a quick reminder of which 3M™ CuroS™ Disinfecting Port Protector goes on which IV access point.



Call your Account Manager

Front



Back



70-2011-6751-0 — 6" circle, 2-sided

Front

Back



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Protectors

Use green caps only on needleless connectors.

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Do not use green caps on open female luers

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70-2011-6737-9

70-2011-6737-9 — 6" circle, 2-sided

Front

Back



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Use red caps only on open female luers.

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Do not use red caps on needleless connectors

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70-2011-6738-7 — 6" circle, 2-sided

Removable Stickers

These removable stickers serve as yet another resource to ensure clinicians are "capping it with the right color". You can use these removable stickers as an additional reminder to help explain which 3M™ Curoc™ Disinfecting Port Protector is supposed to be used on each IV access point. Place them in break rooms or on white boards — wherever a reminder is needed.



Call your Account Manager



3M™ Curos Jet™

Disinfecting Cap for
Needleless Connectors



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Disinfecting Port
Protectors

**For disinfection
and protection**
use green caps only on
needleless connectors.

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70-2011-6740-3

70-2011-6740-3 — 6" circle



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Mind the cap.
Use green caps only on
needleless connectors.

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70-2011-6843-5 — 6" circle



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Fight dirty.
Use green caps only on
needleless connectors.

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70-2011-6844-3 — 6" circle



3M™ Curostopper™ Stopper

Disinfecting Cap for Open Female Luers



70-2011-6741-1 — 6" circle



70-2011-6845-0 — 6" circle



70-2011-6846-8 — 6" circle



Maintain

Once you have implemented 3M™ Curois™ Disinfecting Port Protectors, you will want to make sure you maintain your success.

In the Maintain phase, you will find resources to keep staff educated and engaged, including a "kudos" program to encourage continued use and high compliance of Curois disinfecting port protectors.

Recognition Resources	91–92
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Support Posters	93–100
General Use	94–95
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Recognition Resources

The Kudos program is designed to encourage continued use and high compliance of 3M™ Curo™ Disinfecting Port Protectors.

There are certificates and tickets that you can use to give “kudos” to clinicians as they work to increase their compliance while using Curo disinfecting port protectors.



**Visit the digital resource center
at 3M.com/Peak/IVcare**



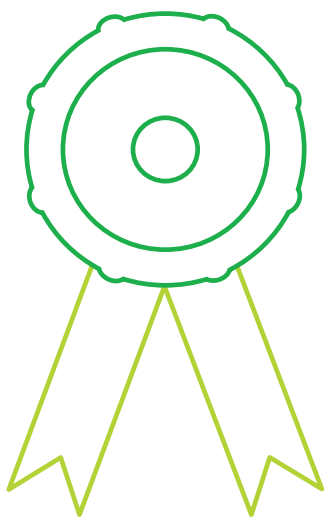
Call your Account Manager




THE Kudos Program

Achieve High Compliance with 3M™ CuroS™ Disinfecting Port Protectors and Earn Kudos.

When all your ports are protected during the 21-Day Challenge, you earn Kudos.



	Kudos
Thank you for protecting ports and making patient safety a priority!	Date: _____
Name: _____	Unit: _____



Submit your Kudos to be entered in a monthly drawing for prizes.

Prizes include:



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Support Posters

Using 3M™ Curoc™ Disinfecting Port Protectors consistently depends on the implementation of a successful change management program. Make the process fun and keep the messages memorable by changing out which support posters you are using.



**Visit the digital resource center
at [3M.com/Peak/IVcare](https://www.3m.com/Peak/IVcare)**



Call your Account Manager

General Use



3M
CUROS™
Disinfecting Port
Protectors

3M™ CuroS™ caps are single use only.

Discard after removal.



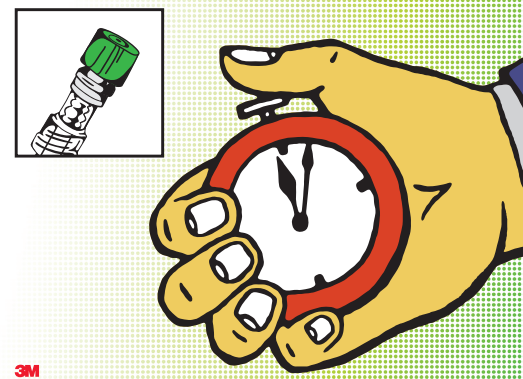
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Single Use Only – 70-2011-6767-6 — 11" x17"

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**Disinfects in 1 minute.
Protects for up to 7 days.**



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1 Minute, 7 Days – 70-2011-6765-0 — 11" x17"



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**Protect the children
from unprotected ports!**

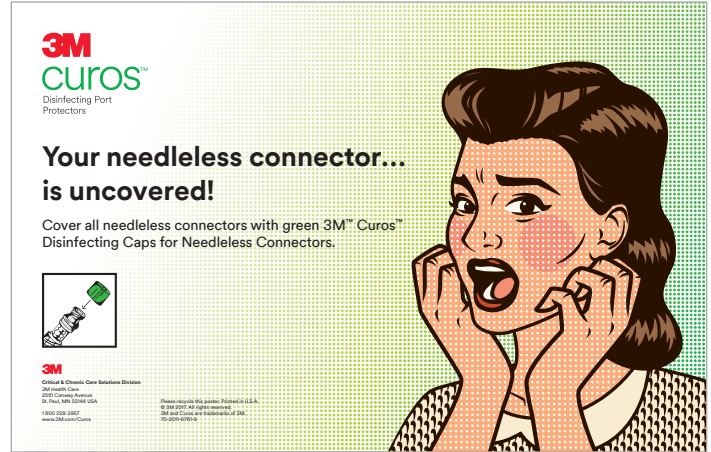
Cap all needleless connectors with 3M™ Curosu™
Disinfecting Caps for Needleless Connectors.



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Protect the Children – 70-2011-6762-7 — 11" x17"



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**Your needleless connector...
is uncovered!**

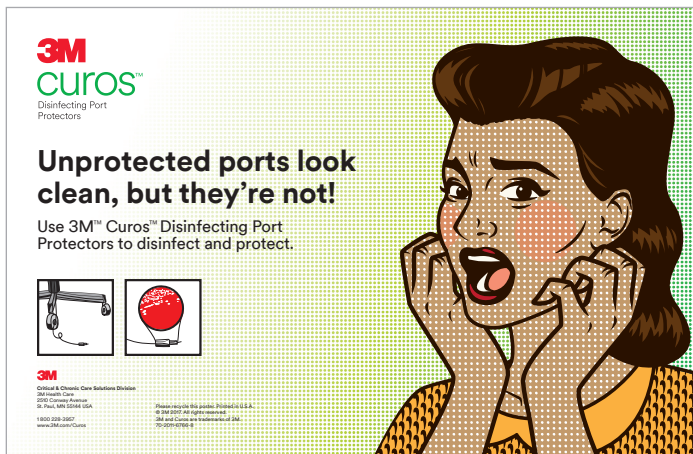
Cover all needleless connectors with green 3M™ Curosu™
Disinfecting Caps for Needleless Connectors.



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70-2011-6761-9

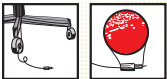
Cap All Needleless Connectors – 70-2011-6761-9 — 11" x17"



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Disinfecting Port
Protectors

**Unprotected ports look
clean, but they're not!**

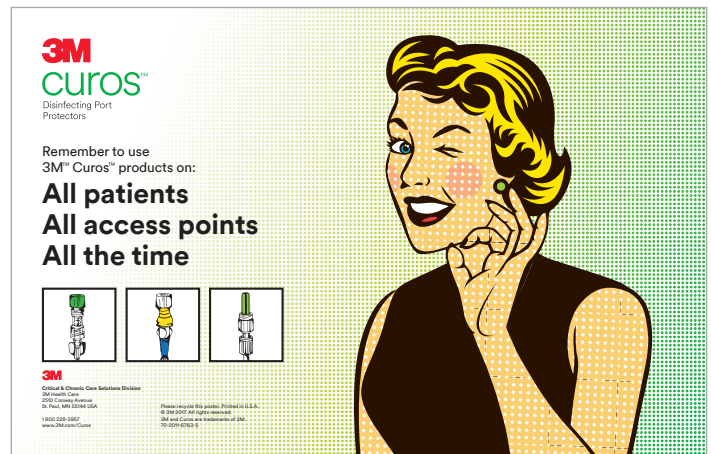
Use 3M™ Curosu™ Disinfecting Port
Protectors to disinfect and protect.



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The Problem with Unprotected Ports – 70-2011-6766-8 — 11" x17"



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Remember to use
3M™ Curosu™ products on:

**All patients
All access points
All the time**



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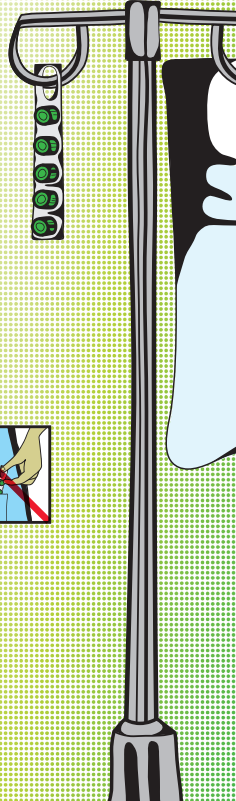
Cover All IV Access Ports – 70-2011-6763-5 — 11" x17"



3M™ Curot Jet™ Disinfecting Cap for Needleless Connectors




3M
Curot
Disinfecting Port
Protectors



Get the hang of hanging 3M™ Curot™ strips.

Please don't fold, wear,
or place in your pocket.



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70-2011-6764-3 — 11" x17"

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Protectors

New look, same disinfecting power.

3M™ Curot Jet™ Disinfecting Caps for Needleless Connectors will soon be replacing 3M™ Curot™ Disinfecting Caps for Needleless Connectors at your facility. Curot Jet disinfecting caps are a next-generation solution that disinfect in one minute and protect ports for up to seven days if not removed.

From this:	To this:
<p>3M™ Curot™ Disinfecting Cap for Needleless Connectors</p> 	<p>3M™ Curot Jet™ Disinfecting Cap for Needleless Connectors</p> 

Additional Curot Jet disinfecting cap benefits include:

<p>Strip of five caps vs. ten to minimize waste*</p> 	<p>A higher profile that makes it easier to handle with gloves</p> 	<p>Rounded edges to increase patient comfort</p> 	<p>Unique plunger delivery method for 70% isopropyl alcohol (IPA)</p> 
---	--	--	---

*Also available as individual caps

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70-2011-6990-4 — 11" x17"

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Disinfecting Port
Protectors

When should I scrub?

3M™ Curos Jet™ Disinfecting Cap for Needleless Connectors


There is no need to scrub:

After removing the cap, as long as the Curos Jet Disinfecting Cap for Needleless Connectors has been in place for at least one (1) minute and for less than seven (7) days



Scrub:

- ✓ If soil is visible on the port
- ✓ When the port is left exposed over time
- ✓ When a Curos Jet cap has been on for less than one (1) minute or for more than seven (7) days
- ✓ Between sequential accesses (per your facility's protocol)



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70-2011-6736-1 — 11" x17"

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Protectors

When should I scrub?

3M™ Curos Jet™ Disinfecting Cap for Needleless Connectors

There is no need to scrub:

- ✓ When the Curos Jet Disinfecting Cap for Needleless Connectors has been in place for at least one (1) minute and for less than seven (7) days
- ✓ Between sequential accesses (per your facility's protocol: maintain aseptic technique between sequential accesses)



Scrub:

- ✓ If soil is visible on the port
- ✓ When the port is left exposed over time
- ✓ When a Curos Jet cap has been on for less than one (1) minute or for more than seven (7) days



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70-2011-6996-1 — 11" x17"

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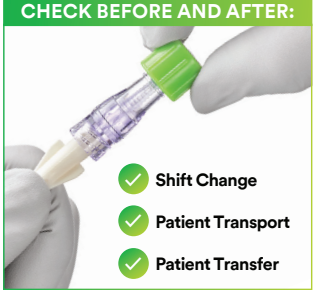
Check for the cap

3M™ Curos Jet™ Disinfecting Cap for Needleless Connectors



CHECK BEFORE AND AFTER:

- ✓ Shift Change
- ✓ Patient Transport
- ✓ Patient Transfer



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70-2011-6989-6 — 11" x17"

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Disinfect and protect urinary catheter ports

3M™ Curos Jet™ Disinfecting Cap for Needleless Connectors




Don't forget: needleless connectors are also found on your urinary sample ports. Cover these needleless connectors with green Curos Jet Disinfecting Caps for Needleless Connectors.

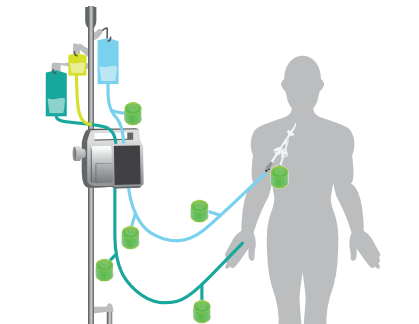
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70-2011-6992-0 — 11" x17"

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Protectors

**From pump to patient:
All patients, all needleless
connectors, all the time.**



Disinfect and protect all needleless connectors with 3M™ Curoso Jet™ Disinfecting Cap for Needleless Connectors.

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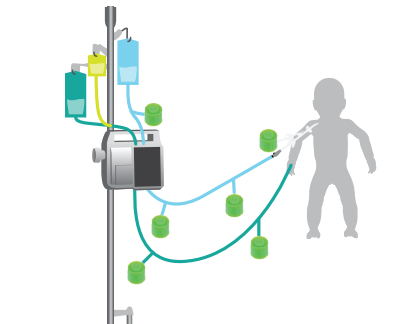
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70-2011-6985-4 — 11" x17"

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**From pump to patient:
All patients, all needleless
connectors, all the time.**




Disinfect and protect all needleless connectors with 3M™ Curoso Jet™ Disinfecting Cap for Needleless Connectors.

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70-2011-6987-0

Refer to the instruction for use for complete information
related to the use of Curoso Disinfecting Port Protectors.

70-2011-6987-0 — 11" x17"



3M™ Curoso™
**Disinfecting Cap for Needleless
Connectors**



3M
Curoso™
Disinfecting Port
Protectors

**These strips
were made
for hanging.**

Please don't fold, hold
or wear them.




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70-2011-6829-4 — 8.5" x11"


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Protectors

When should I scrub?

3M™ Curo™ Disinfecting Cap for Needleless Connectors

There is no need to scrub:

After removing the cap, as long as the Curo™ Disinfecting Cap for Needleless Connectors has been in place for at least one (1) minute and for less than seven (7) days



Scrub:

- ✓ If soil is visible on the port
- ✓ When the port is left exposed over time
- ✓ When a Curo cap has been on for less than one (1) minute or for more than seven (7) days
- ✓ Between sequential accesses (per your facility's protocol)



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Protectors

When should I scrub?

3M™ Curo™ Disinfecting Cap for Needleless Connectors


There is no need to scrub:

- ✓ When the Curo™ Disinfecting Cap for Needleless Connectors has been in place for at least one (1) minute and for less than seven (7) days
- ✓ Between sequential accesses (per your facility's protocol: maintain aseptic technique between sequential accesses)



Scrub:

- ✓ If soil is visible on the port
- ✓ When the port is left exposed over time
- ✓ When a Curo cap has been on for less than one (1) minute or for more than seven (7) days



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Medical Solutions Division
3M Health Care
3500 County Avenue
St. Paul, MN 55134 USA
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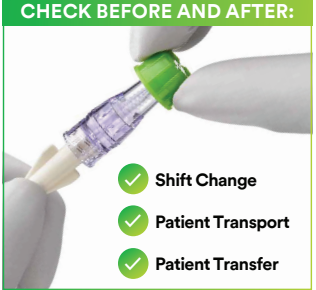
Refer to the Instruction for Use for complete information related to the use of Curo Disinfecting Port Protectors.

70-2011-6995-3 — 11" x17"

3M
CUROS™
Disinfecting Port
Protectors


Check for the cap

3M™ Curo™ Disinfecting Cap for Needleless Connectors



CHECK BEFORE AND AFTER:

- ✓ Shift Change
- ✓ Patient Transport
- ✓ Patient Transfer



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3M
CUROS™
Disinfecting Port
Protectors

Disinfect and protect urinary catheter ports

3M™ Curo™ Disinfecting Cap for Needleless Connectors




Don't forget: needleless connectors are also found on your urinary sample ports. Cover these needleless connectors with green Curo™ Disinfecting Caps for Needleless Connectors.

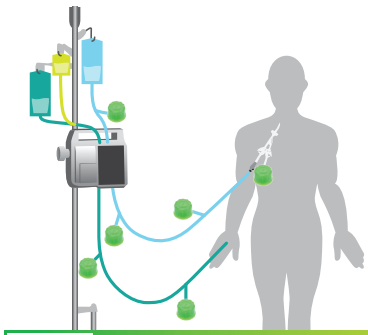
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3M
CUROS™
Disinfecting Port
Protectors

**From pump to patient:
All patients, all needleless
connectors, all the time.**



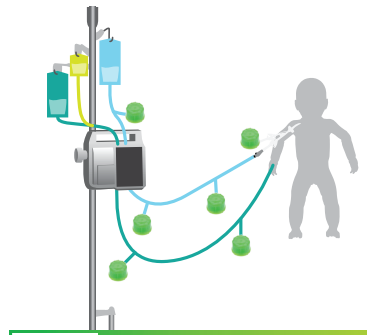
 Disinfect and protect all needleless connectors with 3M™ CuroS™ Disinfecting Cap for Needleless Connectors.


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70-2011-6984-7 Refer to the instruction for use for complete information
related to the use of CuroS Disinfecting Port Protectors.

70-2011-6984-7 — 11" x17"

3M
CUROS™
Disinfecting Port
Protectors

**From pump to patient:
All patients, all needleless
connectors, all the time.**



 Disinfect and protect all needleless connectors with 3M™ CuroS™ Disinfecting Cap for Needleless Connectors.

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70-2011-6986-2 Refer to the instruction for use for complete information
related to the use of CuroS Disinfecting Port Protectors.

70-2011-6986-2 — 11" x17"



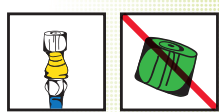
3M™ CuroS™
**Disinfecting Cap for
Tego® Hemodialysis
Connectors**




3M
CUROS™
Disinfecting Port
Protectors

**The white cap is the right cap for
Tego® Hemodialysis Connectors.**

Only use white 3M™ CuroS™ Disinfecting Caps for Tego® Hemodialysis Connectors on Tego® Hemodialysis Connectors.





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70-2011-6768-4 — 11" x17"

IV Care Solutions

As your trusted partner in protecting patients, we share your goal of reducing the risk of IV complications.



**Visit the digital resource center
at 3M.com/Peak/IVcare**



Call your Account Manager

Antimicrobial Solutions Brochure



Learn about the three keys to reducing infection risk: Trained and committed people, current best practice standards, and effective and proven products.



Visit 3M.com/IVprotect to learn more

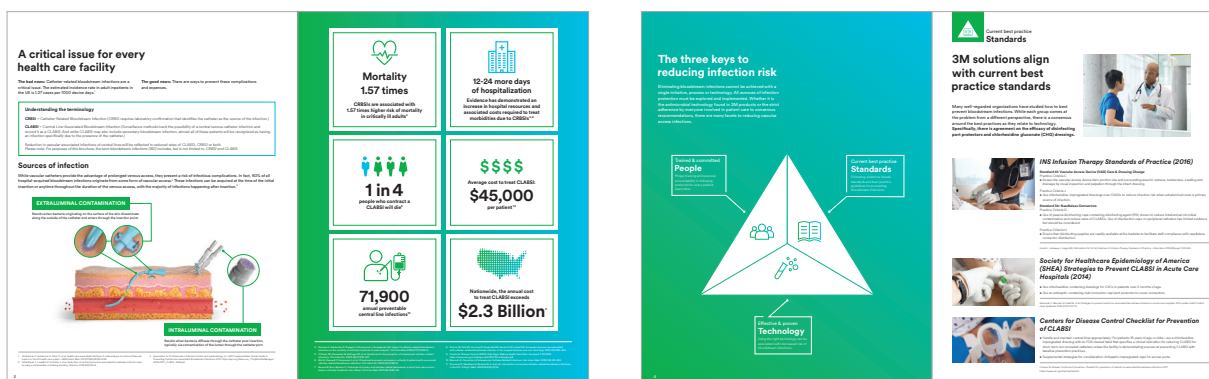


3M Science Applied to Life.™

Stop bloodstream infections before they start

70-2011-6973-0 — 8.5" x 11"

Interior page examples



A critical issue for every health care facility

Mortality 1.57 times
CLABSI are associated with 1.57 times higher risk of mortality in critically ill adults*

12-24 more days of hospitalization
Patients who developed an infection in hospital incurred an additional 12-24 days of hospitalization due to CLABSI**

1 in 4 people who contract a CLABSI die

\$45,000 Average cost to treat CLABSI per patient

71,900 annual preventable central line infections

\$2.3 Billion National net annual cost to treat CLABSI events

The three keys to reducing infection risk

3M solutions align with current best practice standards

Current best practice Standards

INS Infusion Therapy Standards of Practice (2016)

Society for Healthcare Epidemiology of America (SHEA) Strategies to Prevent CLABSI in Acute Care Hospitals (2014)

Centers for Disease Control Checklist for Prevention of CLABSI


Peripheral IV Solutions Brochure



Learn how to reduce the risk of PIV complications at all IV access points and partner with 3M to make peripherals a central part of your IV care program.



Visit 3M.com/PIVcare to learn more



3M Science. Applied to Life.™

Make peripherals a central focus.

Reduce the risk of PIV complications.

70-2011-7874-9 — 8.5" x 11"

Interior page examples

Putting a focus on peripheral lines.

Peripheral intravenous (PIV) access is often considered a simple, low-risk procedure, which it isn't.

70% of peripheral IV catheters are placed incorrectly.
47% of peripheral IV catheters are replaced within 72 hours.
\$2.3 billion in total direct medical costs are associated with PIV complications.

All IVs have the potential to be contaminated.

There are multiple challenges to managing infection risks from PIVs.

Prevention in practice: PIV care and maintenance guidelines.

We've pulled together with you to help reduce the risk of PIV complications through evidence-based practice. This document serves as a guide to help you make informed decisions about the best practices and best practices for your facility. Review these care and maintenance recommendations, then discuss them with your clinical staff to determine the best practices for your facility.

	Recommendation	WHO	CDC
Prepare & Assess	Check patient's medical history for contraindications to IV therapy.	Yes	Yes
	Assess patient's vein for suitability for IV therapy.	Yes	Yes
	Use aseptic technique when handling IV catheters.	Yes	Yes
	Use aseptic technique when connecting IV catheters to IV tubing.	Yes	Yes
Insertion	Use aseptic technique when inserting IV catheters.	Yes	Yes
	Use aseptic technique when connecting IV catheters to IV tubing.	Yes	Yes
	Use aseptic technique when handling IV catheters.	Yes	Yes
	Use aseptic technique when connecting IV catheters to IV tubing.	Yes	Yes
Secure & Protect	Secure IV catheters to the patient's skin.	Yes	Yes
	Use aseptic technique when handling IV catheters.	Yes	Yes
	Use aseptic technique when connecting IV catheters to IV tubing.	Yes	Yes
	Use aseptic technique when handling IV catheters.	Yes	Yes
Remove	Remove IV catheters when no longer needed.	Yes	Yes
	Use aseptic technique when handling IV catheters.	Yes	Yes
	Use aseptic technique when connecting IV catheters to IV tubing.	Yes	Yes
	Use aseptic technique when handling IV catheters.	Yes	Yes

See the evidence for yourself.

Accepted but unacceptable: Peripheral IV catheter failure.

Clinically indicated replacement versus routine replacement of peripheral venous catheters.

Risk factors for peripheral intravenous catheter failure: A multicenter analysis of data from a randomized controlled trial.

A bundled approach to decrease primary bloodstream infections related to peripheral intravenous catheters.

Overall Mean: 46% PIV failure rate.

165k PIVs inserted in 2012.

23% of PIVs were replaced within 72 hours.

64% of PIVs were replaced within 24 hours.

36% of PIVs were replaced within 12 hours.

300 Million 1 Million PIV failure rate.

25.6% PIV failure rate.

6.3% PIV failure rate.

0.57 PIV failure rate per 100 patient days.

80% PIV failure rate.

Protecting all patients, all IV access points, all the time.

We hope these materials will serve as a comprehensive guide for you and your facility. Our full portfolio of 3M™ Curoc™ Disinfecting Port Protectors reduces risks across all intraluminal access points. By completing the CIRCLE OF DISINFECTION AND PROTECTION, you can benefit from the peace of mind that comes from protecting all IV access points for all patients at all times.

If you have any questions about any specific product or about the 3M™ Peak™ Clinical Outcomes Program, please contact your 3M Account Manager.



We want everyone who uses 3M™ Curoso™ Disinfecting Port Protectors to be successful.

We offer the services of clinical specialists who can help hospitals implement the use of Curoso disinfecting port protectors to achieve and sustain high compliance. Our team consists of full-time nurses dedicated to supporting your efforts.



Areas we can assist with:

- Planning resources and guidance
- Sharing proprietary process and resources that accelerate adoption and help you to measure your success
- Implementation and trial support
- Compliance resources for training, motivating and auditing
- On-going education and support
- Assistance in results reporting
- Point prevalence reviews to help you reduce risk at all IV access points
- Clinical expertise regarding standards, guidelines and how 3M products can help you achieve successful outcomes

Order information

Try our other antimicrobial protection products

We offer a range of vascular care products to help you achieve better patient outcomes. For more information, visit 3M.com/IVcare

Product	Dispenser	3M Product Order	Boxes Per Case	Units Per Box	Total Caps or Tips Per Case
3M™ Curoso™ Disinfecting Caps for Needleless Connectors	Individuals	CFF1-270	20	270	5,400
	Strips (5 count)	CFF10-250	20	50 Strips	5,000
3M™ Curoso Jet™ Disinfecting Caps for Needleless Connectors	Individuals	CFJ1-270	20	270	5,400
	Strips (5 count)	CFJ5-250	20	50 Strips	5,000
3M™ Curoso Tips™ Disinfecting Caps for Male Luers	Strips (5 count)	CM5-200	10	40 Strips	2,000
3M™ Curoso™ Disinfecting Caps for Tego Hemodialysis Connectors®	Individuals	CTG1-270	8	270	2,160
3M™ Curoso™ Stopper Disinfecting Caps for Open Female Luers	Individuals	CSA1-270	8	270	2,160
	Strips (5 count)	CSA5-250	8	50 Strips	2,000

To order,
call 1-800-228-3957





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