

IV Access
Infection Prevention

**3M™ Curoc™ Disinfecting
Port Protectors**
Green means clean





3M™ Curoso™ Disinfecting Port Protectors

A unique system that can help reduce infections

Needle-free devices left exposed rely on an active process to disinfect the device before it is accessed. This process can be highly variable, not only between hospitals and institutions, but also from individual to individual. Curoso Port Protector is a unique disposable passive disinfection device which protects the port for up to seven days. This ensures that the needle-free device is always clean and removes the need to actively disinfect, therefore removing the variability in cleaning.

Curoso Port Protector saves critical clinical time, supporting the productive wards programme by releasing time to care.

Curoso Port Protector

Passive disinfection. Always clean.

- ✓ 100% auditable
- ✓ Visible colour for improved compliance monitoring¹
- ✓ Eliminates human variation
- ✓ Standardises practice
- ✓ No drying time required
- ✓ ~5-log reduction.

VS

Current practice

Active disinfection. Always dirty.

- ✗ Not auditable
- ✗ Difficult to achieve high compliance
- ✗ Cleaning effectiveness varies by user
- ✗ Unable to standardise practice
- ✗ Drying time required
- ✗ ~3-log reduction if used correctly.

“Curoso provides us with the ability to have consistent and reliable disinfection no matter who performs the function. It also gives us the ability to actively manage the process in order to improve overall practice and compliance.”

ICU Clinical Lead Nurse

Hospital reports **ZERO** rates of CRBSI for the first two quarters of 2010 after implementing 3M™ Curoso™ Disinfecting Port Protectors.

Curoso Port Protector

SHEA Guidelines Special approaches for preventing CLABSI - use an antiseptic-containing hub/connector cap/port protector to cover connectors (quality of evidence: I).²

Studies have shown that Curoso Port Protectors can reduce catheter related bloodstream infections (CRBSI)

**87%
Decline**

in infection rates
- in an inpatient
oncology unit³

**73%
Decline**

in infection rates
- on intraluminal
catheter related
infection¹

**70%
Decline**

in infection rates
- in a neonatal
infection prevention
project⁴

**68%
Decline**

in infection rates
- in an intensive
care unit⁵

**66%
Decline**

in infection rates
- patients on
home parenteral
nutrition⁶

What is the financial impact of Curoso Port Protectors?

£

£325,000

estimated annual saving
- in an inpatient oncology unit³

Scan me to visit www.disinfectingcap.co.uk

Scan this QR code with your smartphone or tablet to view the benefits of Curoso Port Protectors within clinical practice.



Scan me to watch The Benefits of Curoso video



3M™ Curoso™ Disinfecting Port Protectors are available in three formats:

- 1 3M™ Curoso™ Disinfecting Cap Strip for Needleless Connectors** provides an accessible dispenser at the point of care. Ideal for use at the bedside, the ten cap foil back dispenser lead to an increase in nurse compliance from 63% to 80%.¹
- 2 Single Curoso Port Protector** for use in clinical settings which have dedicated easy access storage at the bedside.
- 3 Patient Box** for patients returning home from hospital with long-term catheters or receiving intravenous treatment.



Vygon Code	N.I. Code	NHSSC Code	Description	Box Qty
001-270	FVU000318	FSW582	Single Curoso Port Protector	270/box
002-250	FVU000319	FSW583	Strip of Curoso Port Protectors	250/box
VWJIM001-270	-	-	Patient Box	30/box

References

1. The Journal of the Association for Vascular Access: Volume 17 Number 4; December 2012 Central Venous Catheter Protective Connector Caps Reduce Intraluminal Catheter-Related Infection Chuck Ramirez, BA, RRT, VA-BC; Antonina M. Lee, MEd, MPH, RN, CIC; Ken Welch, MD
2. SHEA Guidelines: Strategies to Prevent Central Line-Associated Bloodstream Infections in Acute Care Hospitals: 2014 Update, June 2014 vol. 35, no. 7, Page 757
3. Impact of alcohol-impregnated port protectors and needleless neutral pressure connectors on central line-associated bloodstream infections and contamination of blood cultures in an inpatient oncology unit, Michael A. Sweet, PharmD; Aaron Cumpston, PharmD; Frank Briggs, PharmD; MPH, Michael Craig MD and Mehdi, Hamadani, MD, American Journal of Infection Control: Volume 40 Number 10; December 2012
4. Neonatal Infection Prevention Project in Association with, California Perinatal Quality Care Collaborative (CPQCC), 2012 California Children's Services (CCS), 2006-2012 Update
5. Reduction of Central Line Associated Bloodstream Infection (CLABSI) in a Neonatal Intensive Care Unit with Use of Access Site Disinfection Caps Rady Children's Hospital San Diego, San Diego, CA: Alice Pong, MD; Cindy Salgado, BSN, PHN, MBA, CIC; Mark Speziale, MD, PhD; Peggy Grimm, MS, RNC-NIC; Chris Abe, BSN, CIC
6. The Effect of 70% Isopropyl Alcohol Port Protection on Central Venous Catheter-Related Infection in Patients on Home Parenteral Nutrition St. Mark's Hospital, Harrow, UK: Mia Small, MSc, BSc (Hons), RGN, DipNutr, RNutr.



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Web: www.vygon.co.uk Content correct as of: 03/2017 Code: DXJB0002008 v2

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