PRODUCT DETAILS

The Dual Cap system is a disinfecting cap system for use on both the male luer connector at the end of the IV tubing and the needle-free valve. This system consists of two caps designed to help prevent intraluminal contamination as well as device cross-contamination, especially important for IV catheter use over extended dwell times. Both caps contain medical-grade sponges saturated with 70% isopropyl alcohol (IPA). Dual Cap is a “single use” product. It is used on all central lines including Central Venous Catheters, PICC’s, Ports and Dialysis lines.

PATIENT SELECTION CRITERIA

The Dual Cap can be used on central lines (PICC, Port, Dialysis, or CVC) in the following areas:

- All inpatient units
- All outpatient units
- All critical care units
- Emergency Departments
- Surgery
- PACU
- Procedural Areas
- Radiology
- Interventional Radiology
- Pediatric patients
- Aurora Home Care

CONTRAINDICATIONS

- NICU population – should not be used on any NICU patients
- Inpatients with no central line (PICC, Port, Dialysis, or CVC)

PROCEDURE

PLACEMENT

1. Place a light blue Dual Cap will be placed on every port of all IV Lines. This includes the following:
   - Central venous lines (Subclavian & Jugular)
   - Mahukars
   - PICC Lines
   - Groshong
   - IV Tubing Y sites when connected to a central, PICC, port or dialysis line

2. Place a dark blue Dual Cap on all “unconnected” male luer ends of IV lines.
3. The Dual Cap will disinfect the access ports and male luer end within 30 seconds of application.

MAINTENANCE/REMOVAL

- The Dual Cap will disinfect the port and can stay in place for 7 days.
- This is a one-time use product, meaning once it is removed, it is to be disposed of and a new cap applied after IV access.
- If a Dual Cap is removed and the exposed port is left unattended, the port is to be disinfected with “scrub the hub” before accessing the port or before a new Dual Cap is applied if not accessing the port.
- If any debris is noticed on the port of the IV line, the nurse is to disinfect the port using Scrub the Hub before accessing or before placing a Dual Cap.
ADDITIONAL POINTS

- Assess lines connected to central line catheters for dual caps when receiving transferred patient or during bedside report
- Dual cap strips may hang from patient’s IV pole
- Anytime dual cap is removed, it must be replaced with a new cap
- Once a port is no longer in use, a new cap should immediately be applied to port

REFERENCE MATERIALS

DualCap system overview video on YouTube. Video is over 4 minutes in length: https://youtu.be/pcfu71cOyEk?t=190

DOCUMENTATION

No documentation required

ORDERING INFORMATION

Light blue Dualcap IREQ # 524868
Dark blue Dual Cap IREQ # 526233

EDUCATION PLAN

- Above guidelines created and approved through SPEC. Will be placed in Lippincott
- Vendor in- servicing on product at sites
- Vendor to create educational video for Aurora

DOCUMENT INFORMATION

Created By: Special Product Education Team (SPET)
Created Date: November 2018
Contact: Mari St Clair PhD, RN, CNS Aurora St. Luke’s Medical Center
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