



2016 Updates to the INS Infusion Therapy Standards of Practice

Antimicrobial Protection

Needleless Connectors **Standard 34, page S69**

- 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 S72-73**

- 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: (1) 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 S72-73**

- Be aware of the risk of medical adhesive-related skin injury (MARSI) 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 (MARSI). (Level I)

3MSM 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 Infus Nurs.* 2016; 39(suppl 1):S1-S159.

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3M has solutions that can help clinicians be compliant with 2016 Infusion Therapy Standards of Practice

Antimicrobial Protection

3M™ Curoc™ Disinfecting Caps

- Consistent use of Curoc™ Disinfecting Caps on I.V. needless connectors is associated with decreased CLABSI
- Strips hang on I.V. poles, positioning caps for convenient, bedside availability



Catheter Securement

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

- Engineered Stabilization Device (ESD) system designed with securement dressing and borders, stability notch, and securement strips
- Promotes consistent application
- Provides securement and barrier to external contaminants*



Skin Protection

3M™ Cavilon™ No Sting Barrier Film

- Proven to protect skin from adhesive trauma (MARS!)
- Compatible with chlorhexidine gluconate (CHG)
- Provides a fast-drying, sterile solution



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70-2011-5789-1

* *in vitro* testing shows that the transparent film provides a viral barrier from viruses 27nm in diameter or larger while the dressing remains intact without leakage.