2021 Updates to the Infusion Nurses Society
Infusion Therapy Standards of Practice

Review selected points from the new standards and practice recommendations.¹

**Prepare**

**Personal Protective Equipment**
- In addition to standard precautions that protect against blood and body fluids, wear a fit-tested, certified N95 or higher respirator when there is an airborne infection risk.²
  Std. 17*, pg. S54; Std. 19**, pg. S58 (Level III)

**Hand Antiseptic**
- Use soap and water, or as an alternative, routinely use an alcohol-based hand rub that contains at least 60% alcohol or 70% isopropyl alcohol for hand hygiene. Std. 16, pg. S53 (Level I)

**Hair Removal**
- Remove excess hair at the insertion site using single-patient use scissors or disposable-head surgical clippers.
  Std. 33, pg. S96 (Level I)

**Skin Protection**
- Protect at-risk skin from irritation and breakdown with a sterile, alcohol-free skin barrier that is compatible with the antiseptic solution and when using an adhesive-based securement method.
  Std. 42, pg. S120 (Level II)

**Antimicrobial Dressings**
- Use chlorhexidine-impregnated dressings for all patients 18 years and older with short-term, nontunneled central vascular access devices (CVADs). Use for arterial catheters and other CVADs when other catheter-associated bloodstream infection (CABSI) prevention strategies are not effective.
  Std. 50, pg. S154 (Level I)
- With oncology patients, use a chlorhexidine-impregnated dressing around the needle insertion site for infusions exceeding 4-6 hours.
  Std. 28, pg. S87 (Level V)
- Consider use of chlorhexidine-impregnated dressings with epidural access devices as significant skin colonization and catheter colonization has been demonstrated with their use.
  Std. 56, pg. S172 (Level I)
- Assess VAD site and surrounding area to monitor skin, dressing and securement device integrity by inspection, and use palpation through the intact dressing to assess complications.
  Std. 42, pg. S119 (Level V)
- With hemodialysis, consider the use of a chlorhexidine-impregnated dressing to help reduce infection risk.
  Std. 29, pg. S89 (Level IV)

**Catheter Securement**
- Use a sterile dressing, combined with or integrated with a securement device, on all peripheral and CVADs to protect the site, provide securement and a microbial barrier, and to promote skin health.
  Std. 42, pg. S119
- Do not use a primary dressing as the sole securement method to stabilize and secure VADs. Inadequate securement can cause unintentional dislodgement and complications requiring premature removal.
  Std. 38, pg. S109

**Adjunct Securement**
- If using medical tape for additional securement, select a tape based on the intended use and patient’s skin condition. Use a roll dedicated to a single patient.
  Std. 42, pg. S121 (Level IV)

**Antimicrobial Port Protectors**
- Perform passive disinfection by applying a cap or covering containing a disinfection agent. Disinfection caps create a physical barrier to contamination between uses.
  Std. 36, pg. S105 (Level I)
- Active disinfection with swab pads containing 70% isopropyl alcohol are likely the least effective approach in needleless connector disinfection.
  Std. 36, pg. S105
- Active disinfection with alcoholic CHG swab pads, and passive disinfection with caps containing 70% isopropyl alcohol, were associated with lower rates of CABSI.
  Std. 36, pg. S105
- Attach a new, sterile, compatible covering device to the male luer end of the administrative set after each intermittent use.
  Std. 43, pg. S124 (Level IV)

3M. Where evidence-based practice standards meet innovative solutions.

The Infusion Nurses Society (INS) is the global authority in infusion therapy, setting stringent evidence-based standards for practice. At 3M, we provide a broad portfolio of solutions that help clinicians meet these standards, enabling you to provide the best possible care.

Prepare

### Personal Protective Equipment

- **3M™ Respirators**
  3M provides a range of NIOSH certified N95-or-higher respiratory protection options, including filtering facepiece, elastomeric reusable and powered air-purifying respirators, to help reduce the potential exposure to airborne hazards.

### Hand Antiseptic

- **3M™ Avagard™ Hand Antiseptic**
  Emollient rich formulation containing 61% w/w ethyl alcohol available with and without CHG.

### Hair Removal

- **3M™ Surgical Clipper with Pivoting Head**
  Single-use clipper blades that conform to the contours of a patient’s body.

Protect & Secure

### Skin Protection

- **3M™ Cavilon™ No Sting Barrier Film**
  A CHG-compatible alcohol-free skin barrier proven to help protect skin from adhesive skin damage. Easy-to-open, peel-down packaging allows for aseptic delivery.

### Adjunct Securement

- **3M™ Micropore™ S Surgical Tape**
  An effective yet gentle multi-purpose tape that is suitable for secondary securement on all patients, including those with at-risk skin. Available in individually-packaged single-use length rolls.
3M™ Tegaderm™ CHG Chlorhexidine Gluconate I.V. Securement Dressings* and 3M™ Curos™ Disinfecting Port Protectors** help protect and secure all lines, all the time from extraluminal and intraluminal contamination risk.

**Important Safety Information for 3M™ Tegaderm™ CHG Chlorhexidine Gluconate I.V. Securement Dressing. Do not use 3M™ Tegaderm™ CHG I.V. Securement Dressing on premature infants or infants younger than two months of age. Use of this product on premature infants may result in hypersensitivity reactions or necrosis of the skin. The safety and effectiveness of 3M™ Tegaderm™ CHG I.V. Securement Dressing has not been established in children under 18 years of age. For full prescribing information, see the Instructions for Use (IFU).

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Advancing Practice

When information and recommendations are changing rapidly, it can be difficult to keep up with the latest standards and ensure that staff is trained appropriately.

3M can be an extension of your team and help deepen your facility’s expertise of IV care best practices through professional training and educational resources designed to meet your facility’s unique challenges.

Contact your 3M representative to learn how we can help support:

- Assessment
- Education
- Product Training and Compliance

To learn more, visit 3M.com/IVProtect or connect with your 3M Account Manager.

2. 3M data on file: EM-05-005732 and EM-05-002049
4. 3M data on file: EM-05-014358