

<b>Section:</b> UTMB On-line Documentation	<b>01.51-Policy</b>
<b>Subject:</b> Infection Control & Healthcare Epidemiology Policies and Procedures	<b>04.11.2022 - Revised</b>
<b>Topic:</b> 0.151 - “Scrub the Hub” Technique for Intravascular Catheters and Infusion Systems	<b>Author: 7.13.12</b>

## 01.51 - “Scrub the Hub” Technique for Intravascular Catheters and Infusion Systems

**Purpose** To provide guidance to healthcare workers on how to effectively disinfect catheter hubs and injection ports on central venous catheters and peripherally inserted central catheters (PICCs)

**Audience** All UTMB employees who access central venous and peripherally inserted central catheters

**Policy** All injection ports or catheter hubs must be disinfected with 70% isopropyl alcohol prior to inserting a needle or a needle-less device.

**Procedure**

1. Perform hand hygiene
2. Don clean gloves
3. Use an alcohol pledget to scrub the catheter hub or injection port.
  - Apply the alcohol pledget to the hub/port and use a twisting motion.
  - Scrub the hub or injection port for 10-15 seconds.
  - Use each alcohol pledget only one time and then discard.
4. Infuse medication or draw the blood and label as per policy
5. Remove gloves and discard
6. Perform hand hygiene

**Education** Education will be provided to UTMB employees who access central venous and PICC catheters.

**References:** Appendix 3. Guidelines to Prevent Central Line-Associated Blood Stream Infections. Content last reviewed March 2018. Agency for Healthcare Research and Quality, Rockville, MD. <https://www.ahrq.gov/hai/clabsi-tools/appendix-3.html>

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Centers for Disease Control and Prevention. Guidelines for the Prevention of Intravascular Catheter-Related Infections. MMWR 2011.

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