

Checklist: Hemodialysis injectable medication preparation

- Ensure medication preparation area is clean¹
- Inspect medication vial and discard if sterility is questionable²
- Perform hand hygiene
- Prepare medication aseptically
- Disinfect rubber septum of vial with alcohol
- Withdraw medication using a new needle and new syringe³
- Discard single-dose vials and store multi-dose vials appropriately⁴

¹Prepare injectable medications in a designated clean workspace that is free of obvious contamination sources (e.g., blood, body fluids, contaminated equipment, tap water). This workspace should be clearly separated from the patient treatment area, and ideally in a separate room.

²Examine appearance of vial contents for signs of possible contamination (e.g., turbidity, particulate matter). Vials should be discarded if sterility is questionable, the expiration date has been exceeded, or the beyond-use date has been exceeded. If a multi-dose vial will not be immediately discarded after use, the vial should be labeled upon opening to indicate the beyond-use date.

³Medications should be prepared as close as possible to the time of administration. If not immediately administered by the person who prepared the medication, they should be labeled appropriately.

⁴If not discarded, opened multi-dose vials should be stored in a designated clean area in accordance with manufacturer's instructions.



Centers for Disease Control and Prevention
National Center for Emerging and Zoonotic Infectious Diseases