

Safe Injection Preparation

Clean Area



Keep medications and supplies in a clean, dry area, away from sinks or water sources (Splash Zone).

Ensure EPA-approved disinfectant is available and disinfect all nonsterile surfaces before preparing medications.

Hand Hygiene



Perform hand hygiene before and after handling supplies, handling vials and IV solutions, preparing and administering medications.

Apply Aseptic Technique



At each step
of the
process

Utilize aseptic non-touch technique when handling vials, reconstituting medications, administering injections, IV medications and IV contrast to prevent contamination.

Disinfect Before Entry



Scrub IV hubs, ports, and vial diaphragms with sterile 70% alcohol for **15 seconds using friction** — even after removing the vial cap cover (which only protects from dust).

Let **dry before each entry**.

Post-Emergency Medication Safety



Discard all opened vials, IV solutions, syringes, and unused prepared medications involved in an emergency.

Prevent Contamination



Prevent sterile drugs, surfaces, and containers from contact with nonsterile items, fluids, or staff-shed particles.

Wear a surgical mask or avoid talking during med preparation for administration to joints or other sterile spaces.

*Adapted from Association for Professionals in Infection Control and Epidemiology (APIC) recommendations 2025