Key Steps — Safe injection practices

This video is a patient-safety presentation on preventing infections from unsafe injections, in the style of CDC guidance. Its key points are listed as a checklist.

- ☐ 1. Use a new sterile needle and a new sterile syringe for every injection, for every patient — no exceptions.
- ☐ 2. Never use the same syringe to give medication to more than one patient, even if the needle is changed.
- ☐ 3. Never re-enter a medication vial with a syringe or needle that has already been used on a patient.
- ☐ 4. Use single-dose vials for one patient only; dedicate multi-dose vials to a single patient whenever possible.
- ☐ 5. Do not use one bag of IV fluid as a common supply for multiple patients, and never flush lines from a shared bag with a used syringe.
- ☐ 6. Prepare injections in a clean area, away from used equipment and sharps disposal.
- ☐ 7. Draw up injections immediately before use rather than prefilling syringes in advance.
- ☐ 8. Practise hand hygiene and aseptic technique at every step — unsafe injections have caused outbreaks of hepatitis B, hepatitis C and bacterial infection.

Watch the demonstration: medicalvideos.com/watch/intravenous-injection_WNzhF3qU0eCjrxl2O0Rl.html • More IV Therapy & Vascular Access skills: medicalvideos.com/nursing/iv-therapy.html
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Steps summarise this demonstration for education and do not replace your institution's protocol, which always governs. Content reviewed by Dr. Mohamed Ibrahim, MD, PhD — physician-scientist. October 2026.