

diltiaZEM 125 mg in D5W 125 mL infusion

SUPPLIES

include quantity and medication name, strength/concentration, volume, diluent, diluent volume, and quantity and name of each supply needed

*****NS flush syringes are never to be used for reconstitution/diluent for medication.*****

For peds stock syringe/bag: Reconstituted solution is for single patient use only.

- One (1) diltiaZEM 125 mg/25 mL (5 mg/mL) injection vial
- One (1) dextrose 5% in water (D5W) 100 mL bag
- Alcohol swabs
- One (1) 18 gauge needle preferred (20-23 gauge needles acceptable)
- One (1) 30 mL sterile IV syringe
- Nursing IV admixture label(s) – Lawson # 626

STEPS

explicitly state each step in chronological order, including hand washing, gown/garb, alcohol swab, etc.)

1. Wash hands. Prepare/clean the designated mixing area.
2. Flip the cap off of the diltiaZEM 5 mg/mL injection vial, and wipe the rubber stopper with alcohol swab and the injection port of the D5W bag.
3. Attach 18 gauge needle to syringe. Withdraw 25 mL from diltiaZEM 5 mg/mL injection vial
4. Transfer 25 mL of diltiaZEM 5 mg/mL injection into the D5W bag, and discard syringe with needle into a sharp container.
5. Gently invert bag to mix. Do not shake. Visually inspect solution (e.g., free of inappropriate visible particulates or other foreign matter, discoloration, and defect), and assure the container integrity is intact. Discard if any defects.
6. Label the diltiaZEM 125 mg in D5W 125 mL with:
 - a. Drug name, strength, and dose (if not apparent by the container)
 - b. Diluent and volume (if not apparent by the container)
 - c. Hang-by date and time (**administration must begin within 1 hour from the time of compounding**)
 - d. Initials of person compounding

References

- diltiaZEM injection [prescribing information]. Berkeley Heights, NJ: Hikma Pharmaceuticals USA Inc. Revised: 4/2024.
<https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=453b73bd-c52d-4d72-a0b3-47588e723e0b&type=display>
- United States Pharmacopeia (USP). General Chapter, <797> Pharmaceutical Compounding—Sterile Preparations. (2023) USP-NF. Rockville, MD: United States Pharmacopeia.
<https://ochsnerhealth.sharepoint.com/sites/ClinicalResources/SiteAssets/Forms/AllItems.aspx?id=%2Fsites%2FClinicalResources%2FSiteAssets%2FSitePages%2FRegulatory%2DReadiness%2FUSP%2D797%2DOfficial%2D11%2E1%2E23%2Epdf&parent=%2Fsites%2FClinicalResources%2FSiteAssets%2FSitePages%2FRegulatory%2DReadiness>