

EPINEPHrine 5 mg/250 mL D5W

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.*****

- Five (5) EPINEPHrine 1 mg/mL (1 mL) ampules
- One (1) dextrose 5% in water (D5W) 250 mL bag
- Alcohol swabs
- One (1) 18 gauge needle preferred (20-23 gauge needles acceptable)
- One (1) 5 mL sterile IV syringes
- One (1) filter needle/straw
- 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. Wipe the ampule neck with alcohol swab and snap top of ampule away from yourself or others. With a new alcohol swab, wipe the injection port of the D5W bag.
3. Attach the filter needle/straw to syringe and withdraw a total of 5 mL EPINEPHrine 1 mg/mL from ampules.
4. Remove filter needle/straw from syringe and discard into a sharp container, then attach a 18 gauge needle to syringe.
5. Transfer 5 mL of EPINEPHrine 1 mg/mL into the D5W bag, and discard the syringe into a sharp container.
6. 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 the container integrity is intact. Discard if any defects.
7. Label the compounded bag 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

NOTES

explicitly state (if applicable) any pertinent information

- Protect final product from light. Cover with light protected plastic bag (e.g. brown plastic bag).

References

- EPINEPHrine injection [prescribing information]. Largo, FL: BPI Labs, LLC. Revised: 5/2023.
<https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=7499cbca-b8fe-4fc3-a318-13859ab989a7&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>