

labetalol 500 mg/100 mL IV 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.*****

- Labetalol 5 mg/mL injection vial (20 mL or 40 mL vial depending on availability):
 - 20 mL: use five (5) vials
 - or
 - 40 mL: use three (3) vials
- Alcohol swabs
- One (1) #18 gauge needle preferred (20-23 gauge needles acceptable)
- One (1) 50 mL sterile IV syringe
- One (1) empty, sterile bag (100 mL)
- 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 labetalol 5 mg/mL injection vial, wipe the rubber stoppers with alcohol swab, and wipe the injection port of the empty bag.
3. Attach #18 gauge needle to syringe. Withdraw a total of 100 mL from labetalol 5 mg/mL injection vials.
4. Transfer 100 mL of labetalol 5 mg/mL injection into the empty, sterile bag. Discard syringe with needle into a sharp container.
5. 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.
6. Label the labetalol 500 mg/100 mL infusion 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

- Labetalol injection [prescribing information]. Lehi, Utah: Civica Inc. Revised 10/2019.
<https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=d7c53b1c-b6a5-482a-a7c8-7425d9cd9ef8&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>.