

naloxone 4 mg/100 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.*****

- Two (2) naloxone 1 mg/mL (2 mL) syringes
- One (1) D5W 100 mL bag
- Alcohol swabs
- Two (2) #18 gauge needles preferred (20-23 gauge needles acceptable) if not included with naloxone 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. Wipe the rubber wipe the injection port of the D5W bag.
3. Twist off tip caps from syringes.
4. Attach needles to naloxone syringes.
5. Inject the content of naloxone syringes into the D5W bag.
6. Discard syringes with needles into a sharp container.
7. 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 ensure the container integrity is intact. Discard if any defects.
8. Label the naloxone 4 mg/100 mL D5W 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

- Naloxone injection [prescribing information]. Morgantown, WV: Mylan Institutional LLC. Revised 10/2021.
<https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=7faaedb3-227b-408d-b772-6b326638b00e&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>.