

multiple vitamins injection (Infuvite Adult) 10 mL in 1,000 mL 0.9% NaCl

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) multiple vitamin injection vials:
 - One (1) Vial 1 (5 mL, white cap)
 - One (1) Vial 2 (5 mL, blue cap)
- One (1) 0.9% NaCl 1,000 mL bag
- Alcohol swabs
- One (1) 18 gauge needle preferred (20-23 gauge needles acceptable)
- One (1) 10 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 multiple vitamin injection vials, wipe the rubber stoppers with alcohol swab, and wipe the injection port of the 0.9% NaCl bag.
3. Attach 18 gauge needle to syringe. Withdraw 5 mL from each multiple vitamin injection vial with total of 10 mL.
4. Transfer 10 mL of multiple vitamin injection into the 0.9% NaCl 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 the container integrity is intact. Discard if any defects.
6. Label the multiple vitamin injection 10 mL/1,000 mL 0.9% NaCl 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

- Multiple vitamin injection (Infuvite Adult) [prescribing information]. Deerfield, IL: Sandoz Inc. Revised 3/2016.
<https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=14c7bfc5-07e8-400f-b8ff-5e4794dd2805&type=display#section-12>.
- 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>.