Ochsner Health

Single-Patient Nurse Mixing Instruction Sheet

Non-24/7 Pharmacies and Free-Standing Emergency Department

methylPREDNISolone 2.5 mg/mL in D5W IV syringe (PEDS)

***Use methylPREDNISolone 125 mg/50 mL D5W floor stock bag**

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.
Reconstituted solution is for single patient use only.

- One (1) methylPREDNISolone (Solu-Medrol **Act-O-Vial**) 125 mg/2 mL injection vial
- One (1) D5W 50 mL bag
- Alcohol swabs
- Two (2) 18-gauge needles preferred (20-23 gauge needles acceptable)
- One (1) 3 mL sterile IV syringe
- One (1) appropriate syringe size for patient specific dose
- 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. Press down on plastic activator to force diluent into the lower compartment.
3. Gently agitate to mix.
4. Remove plastic tab covering center of stopper of the methylPREDNISolone 125 mg/2 mL injection vial, wipe the rubber stopper with alcohol swab, and wipe the injection port of the D5W bag.
5. Attach 18 gauge needle to syringe. Withdraw 2 mL from methylPREDNISolone 125 mg/2 mL injection vial and transfer into 0.9% NaCl 50 mL bag. Discard syringe with needle 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 methylPREDNISolone 125 mg/50 mL D5W floor stock 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
8. Attach 18 gauge needle to appropriate size syringe and withdraw patient-specific ordered dose volume from floor stock bag.
9. Discard the floor stock bag once dose is withdrawn.
10. Visually inspect the final syringe for particulate matter/defects. Discard if any defects.
11. Label the final syringe with the following information:
    a. Patient name and location
    b. Drug name, strength, and dose (if not apparent by the container)
    c. Diluent and volume (if not apparent by the container)
    d. Hang-by date and time (**administration must begin within 1 hour from the time of dose withdrawn from floor stock bag**)
    e. 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

- methylprednisolone injection [prescribing information]. New York, NY: Pharmacia & Upjohn Company LLC (Pfizer). Revised: 6/2024. https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=cd99be87-c8d9-48d6-a8e5-e081052e3f19&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.