

## Oxytocin 15 units/250 mL 0.9% NaCl

**\*Use this mixing instruction sheet only when oxytocin 15 units/250 mL 0.9% NaCl premix bag is unavailable.**



### Hazardous NIOSH Group 3

#### 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.\*\*\***

- One (1) absorbent disposable preparation pad
- Two (2) oxytocin 10 units/mL (1 mL) injection vials
- One (1) 0.9% NaCl 250 mL bag
- One (1) syringe (with a volume no greater than 5 mL)
- One (1) 18 gauge needle
- Sterile alcohol swabs
- Two pairs of gloves (ASTM D6978)
- Gown (ASTM F3267)
- Eye/face protection for splash concern
- 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. Open absorbent disposable preparation pad on the cleaned, non-cluttered surface.
3. Flip the caps off of the oxytocin 10 mg/mL injection vials, wipe the rubber stoppers with alcohol swab, and wipe the injection port of the 0.9% NaCl bag.
4. Attach the 18 gauge needle to syringe and withdraw a total of 1.5 mL oxytocin 10 units/mL injection from vials.
5. Transfer 1.5 mL of oxytocin 10 units/mL injection into the 0.9% NaCl bag, then discard the 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 assure 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
8. Deactivate, decontaminate, clean, and disinfect preparation area by wiping with a (orange top) Sani-Cloth® Bleach Germicidal Disposable Wipe followed by a (purple top) Super Sani-Cloth® Germicidal Disposable Wipe.

#### 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

- Oxytocin injection [prescribing information]. Lake Zurich, IL: Fresenius Kabi USA, LLC. Revised: 10/2023.  
<https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=c7fd585a-99b7-4309-b003-a6cbef05372c&type=display>
- ASHP 7th edition handbook - EXTENDED STABILITY FOR PARENTERAL DRUGS.
- 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>