

IV Medication

Administration: Using Flow-Rate Controller



Prior to use

- If the medicine needs refrigeration, check the label for guidance on when to remove it from the fridge.
- **NEVER** try to warm it up quickly by using heat or microwaving the medication. Make sure to work in a clean area.
- Wash your hands thoroughly with soap and warm water for at least **20 SECONDS**.
(If soap and water are unavailable, use a hand sanitizer with alcohol).
- Dry your hands with a clean towel.



This information is not meant to replace professional advice. Always follow the recommendations provided by your doctor, nurse, or pharmacist.

01 /

Collect all necessary supplies and set up the SASH mat according to the instructions.

- SASH mat (See Fig. 1)
- IV medication bag
- IV tubing (may be used for 24 hours)
- IV pole
- (2) Saline flush syringes
- (1) Heparin flush syringe (if ordered)
- Alcohol wipes
- Sharps container and/or trash container

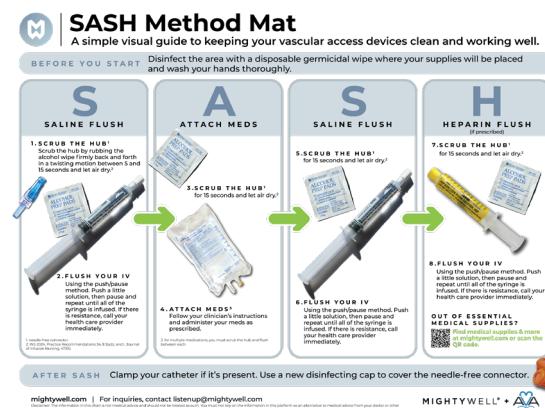


Fig 1

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Check medication bag.

Check label on bag (See Fig. 2) and verify:

- Verify patient's name
- Confirm medication name
- Check medication volume/amount
- Note time needed for medication to reach room temperature
- Check medication expiration or "use by" date

IV League Phone : (888) 485-3248 Rx# 416437

6076 Bristol Pkwy, Suite 104 Date: 07/08/25

Culver City, CA 90230

CAUTION: Federal Law PROHIBITS the transfer of this drug to any person other than the patient for whom it was prescribed.

DOE, JOHN Qty: 7

PIPERACIL/TAZ (ZOSYN) 13.5 GM/NS 310 ML *CURLIN*

ADMINISTER PIPERACILLIN/TAZOBACTAM (GENERIC FOR ZOSYN) 4.5 GM VIA MIDLINE EVERY 8 HOURS WITH CURLIN PUMP AS DIRECTED BY PHYSICIAN.

CURLIN PUMP SETTINGS: BAG VOL: 310 ML, AMT/DOSE: 101 ML, DOSE RATE: 202 ML/HR, DOSE TIME: 30 MINUTES, DOSE FREQ: 8 HOURS, KVO: 0.2 ML/HR.

REFRIGERATE UNTIL USE
CHANGE BAG EVERY 24 HOURS
(EACH BAG CONTAINS 3 DOSES)

LAB ORDER: CBC, CMP WEEKLY ON MONDAY
FAX RESULTS TO MD AND 310-645-6464
Prescriber: DOE, JANE RPh: _____ Discard After: 07/18/25

For demonstration purposes, follow the instructions on **YOUR** medication bag. Fig 2

The medication bag should not have leaks, floating particles, or discoloration. If there's any problem with the bag or if something on the label is wrong, contact your nurse or pharmacist.

03 /

Collect supplies and prepare the SASH mat as directed:

- a. Remove the IV tubing from its package.
- b. Close the clamp on the IV tubing.
- c. Place the medication bag on a clean, flat surface.
- d. Remove the tab from the medication bag (See Fig. 3).
- e. Remove the cover from the spike end of the tubing (See Fig. 4). Do NOT touch the tubing end.
- f. Insert the spike by pushing and twisting it into the medication bag (See Fig. 5). Ensure the spike reaches the medication without puncturing the bag (See Fig. 6).
- g. Turn the IV tubing dial to 'OPEN' (See Fig. 7).
- h. Slowly open the clamp to fill the tubing with medication.
- i. When medication reaches the end of the tubing, close the clamp.
- j. Set the correct infusion rate by adjusting the IV tubing dial to the rate indicated on your medication label.



Fig 3

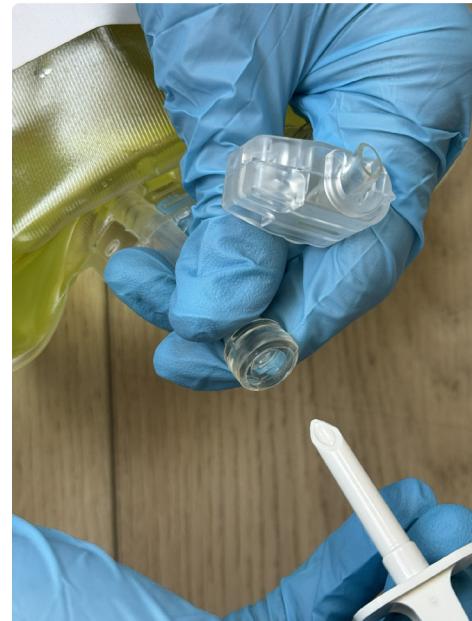


Fig 4

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Clear IV line with saline flush.

- a. Scrub the needleless connector on the IV catheter with an alcohol wipe for at least 15 SECONDS and let it air dry (See Fig. 8).
- b. Push the plunger of the saline flush syringe to break the seal.
- c. Remove the protective cap from the saline flush syringe. **Do NOT touch the syringe tip after removing the cap.**

Throw away the saline flush syringe if the uncapped sterile tip comes into contact with any unclean surface.

- d. Hold the syringe upright and gently push the plunger to expel any air.
- e. Attach the saline flush syringe to the needleless connector on the IV catheter by pushing and twisting clockwise until secure (See Fig. 9).
- f. Open the clamp on the IV catheter and/or IV extension set.
- g. Flush the IV catheter using the “push/pause” method: push a small amount of fluid, pause for 2–3 seconds, then repeat until the prescribed amount is infused.

If you feel resistance while flushing, DO NOT continue; contact your nurse or pharmacist.

- h. Close the clamp on the IV catheter and/or IV extension set.
- i. Remove the saline flush syringe and dispose of it in the trash container.



Fig 5



Fig 6



Fig 7

05 /

Medication administration

- a. Scrub the needleless connector on the IV catheter with an alcohol wipe for at least 15 **SECONDS and let it air dry** (See Fig. 8).
- b. Remove the protective cap from the IV tubing.
- c. Attach the medication tubing securely to the needleless connector on the IV catheter by pushing and twisting clockwise until tight (See Fig. 10).
- d. Open the clamp on the IV catheter and/or IV extension set.
- e. Open the clamp on the medication tubing.
- f. After the medication dose has fully infused, close the clamp on the IV tubing.
- g. Close the clamp on the IV catheter and/or IV extension set.
- h. Disconnect the IV tubing from the catheter.
- i. Dispose of all used equipment in the trash



Fig 8



Fig 9

If tubing is to be used again within 24 hours, cover exposed IV tubing tip with sterile cap provided.



06 /

Flush IV line with saline solution.

- a. Scrub the needleless connector on the IV catheter with an alcohol wipe for at least 15 SECONDS and allow it to air dry (See Fig. 8).
- b. Push the plunger of the saline flush syringe to break the seal.
- c. Remove the protective cap from the saline flush syringe. Do NOT touch the syringe tip after removing the cap.

Throw away the saline flush syringe if the uncapped sterile tip comes into contact with any unclean surface.

- d. Hold the syringe upright and gently push the plunger to expel any air.
- e. Attach the saline flush syringe to the needleless connector on the IV catheter by pushing and twisting clockwise until secure (See Fig. 9).
- f. Open the clamp on the IV catheter and/or IV extension set.
- g. Flush the IV catheter using the “push/pause” method: push a small amount of fluid, pause for 2–3 seconds, and repeat until the prescribed amount is infused.

If you feel resistance while flushing, DO NOT continue; contact your nurse or pharmacist.

- h. Close the clamp on the IV catheter and/or IV extension set.
- i. Remove the saline flush syringe and dispose of it in the trash container.

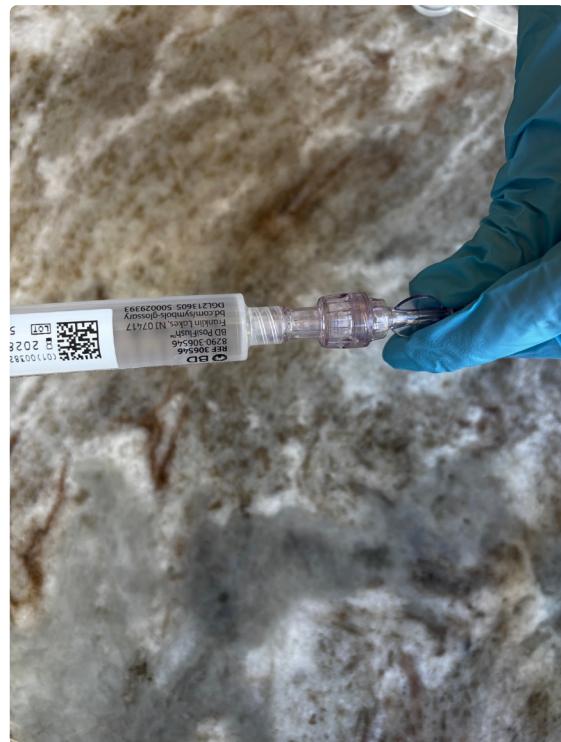


Fig 10

07 /

Flush IV line with heparin solution. (if ordered)

- a. Scrub the needleless connector on the IV catheter with an alcohol wipe for at least 15 SECONDS and allow it to air dry (See Fig. 8).
- b. Push the plunger of the heparin flush syringe to break the seal.
- c. Remove the protective cap from the heparin flush syringe. Do NOT touch the syringe tip after removing the cap.

Throw away the saline flush syringe if the uncapped sterile tip comes into contact with any unclean surface.

- d. Hold the syringe upright and gently push the plunger to expel any air.
- e. Attach the heparin flush syringe to the needleless connector on the IV catheter by pushing and twisting clockwise until secure (See Fig. 9).
- f. Open the clamp on the IV catheter and/or IV extension set.
- g. Flush the IV catheter using the “push/pause” method: push a small amount of fluid, pause for 2–3 seconds, and repeat until the prescribed amount is infused.

If you feel resistance while flushing, DO NOT continue; contact your nurse or pharmacist.

- h. Close the clamp on the IV catheter and/or IV extension set.
- i. Remove the heparin flush syringe and dispose of it in the trash container.

Contact your nurse or doctor if you have any questions or concerns.

IV League Health team



1-888-IVLEAGUE (888-485-3248)