

# IV Medication Administration: IV Push

This information is not intended to be a substitute for professional advice. As such, please follow recommendations from your doctor, nurse or pharmacist.

## Prior to use

- Consult medication label for instructions regarding when to remove medication from refrigerator
- **NEVER** speed warming process by heating or microwaving medication
- Use clean work area
- Clean hands thoroughly using soap and warm water for at least **20 SECONDS**  
*(if no soap and water is available, use an alcohol-based hand sanitizer)*
- Dry hands with clean towel

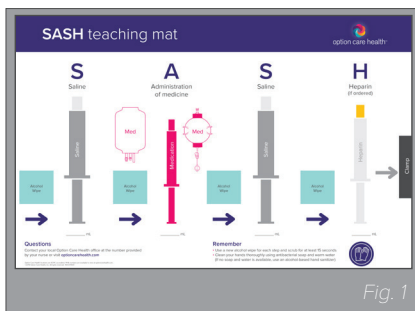


Fig. 1

## 1 | Gather supplies and prepare SASH mat as instructed:

- SASH mat (See Fig. 1)
- IV medication syringe
- (2) Saline flush syringes
- (1) Heparin flush syringe *(if ordered)*
- Alcohol wipes
- Sharps container and/or trash container

## 2 | Inspect medication syringe

Inspect each medication syringe. Check label on syringe (See Fig. 2) and verify:

- Correct name of patient
- Correct name of medication
- Volume/amount of medication
- Time required to warm medication to room temperature
- “Use by date” of medication

Each syringe should be free of cracks, leaks, floating particles or discoloration. Call your nurse or pharmacist if there are problems with syringes or anything on label is incorrect.

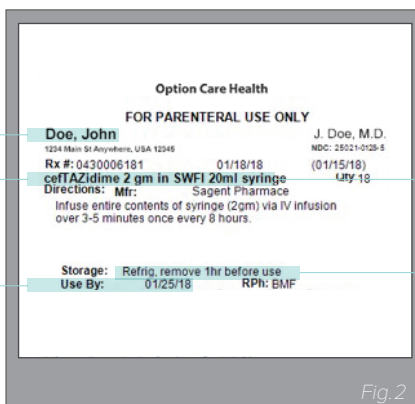


Fig. 2

For demonstration purposes, follow the instructions on YOUR medication syringe.



## 3 | Flush IV line with saline

- A. Scrub needleless connector on IV catheter with alcohol wipe for at least **15 SECONDS** and allow to air dry. (See Fig. 3)
- B. Push saline flush syringe plunger to break seal.
- C. Remove protective cap from saline flush syringe. **DO NOT** touch syringe tip after removing cap.

Discard saline flush syringe if uncapped sterile tip touches any unclean surface.

- D. Hold syringe upright and gently push plunger to remove air from syringe.
- E. Attach saline flush syringe to needleless connector on IV catheter using push and clockwise twisting motion until secured together. (See Fig. 4)
- F. Open clamp on IV catheter and/or IV extension set.
- G. Flush IV catheter using “push/pause” method. To do this, push small amount of fluid, pause for **2-3 SECONDS** and repeat until prescribed amount is infused.

**DO NOT** attempt to flush if resistance is met; call nurse or pharmacist.

- H. Close clamp on IV catheter and/or IV extension set.
- I. Remove saline flush syringe and discard in trash container after use.

## 4 | Medication administration

- A. Scrub needleless connector on IV catheter with alcohol wipe for at least **15 SECONDS** and allow to air dry. (See Fig. 3)
- B. Remove protective cap from medication syringe.
- C. Attach medication syringe firmly to needleless connector on IV catheter. Use push and clockwise twisting motion until secured. (See Fig. 4)
- D. Open clamp on IV catheter and/or IV extension set.
- E. Inject medication as indicated on medication label.
- F. Close clamp on IV catheter and/or IV extension set.
- G. Remove medication syringe once prescribed dose has been given and discard syringe in trash container.



## 5 | Flush IV line with saline

- A. Scrub needleless connector on IV catheter with alcohol wipe for at least **15 SECONDS** and allow to air dry. *(See Fig. 3)*
- B. Push saline flush syringe plunger to break seal.
- C. Remove protective cap from saline flush syringe.  
**DO NOT** touch syringe tip after removing cap.

Discard saline flush syringe if uncapped sterile tip touches any unclean surface.

- D. Hold syringe upright and gently push plunger to remove air from syringe.
- E. Attach saline flush syringe to needleless connector on IV catheter using push and clockwise twisting motion until secured together.  
*(See Fig. 4)*
- F. Open clamp on IV catheter and/or IV extension set.
- G. Flush IV catheter using “push/pause” method. To do this, push small amount of fluid, pause for **2-3 SECONDS** and repeat until prescribed amount is infused.

**DO NOT** attempt to flush if resistance is met; call nurse or pharmacist.

- H. Close clamp on IV catheter and/or IV extension set.
- I. Remove saline flush syringe and discard in trash container after use.

## 6 | Flush IV line with heparin (if ordered)

- A. Scrub needleless connector on IV catheter with alcohol wipe for at least **15 SECONDS** and allow to air dry. *(See Fig. 3)*
- B. Push heparin flush syringe plunger to break seal.
- C. Remove protective cap from heparin flush syringe.  
**DO NOT** touch syringe tip after removing cap.

Discard heparin flush syringe if uncapped sterile tip touches any unclean surface.

- D. Hold syringe upright and gently push plunger to remove air from syringe.



## 6 | Flush IV line with heparin (if ordered) *Continued...*

- E. Attach heparin flush syringe to needleless connector on IV catheter using push and clockwise twisting motion until secured together. *(See Fig. 4)*
- F. Open clamp on IV catheter and/or IV extension set.
- G. Flush IV catheter using “push/pause” method. To do this, push small amount of fluid, pause for **2-3 SECONDS** and repeat until prescribed amount is infused.

DO NOT attempt to flush if resistance is met; call nurse or pharmacist.

- H. Close clamp on IV catheter and/or IV extension set.
- I. Remove heparin flush syringe and discard in trash container after use.

Call your nurse or doctor with any questions or concerns

Your Option Care Health team is available on call 24/7/365 to assist you.



To view video instructions and access additional educational resources, visit [optioncarehealth.com/education](https://optioncarehealth.com/education).