

IV HYDRATION ADMINISTRATION USING A FLOW RATE CONTROLLER

GETTING STARTED

- Use a clean work area.
- Clean your hands thoroughly.

GATHER YOUR SUPPLIES

- Hydration bag
- IV tubing with Flow-Rate Controller
- IV pole
- Flush syringes: Saline (white cap), Heparin (yellow or blue cap)
- Orange swab cap
- Alcohol Wipes
- Trash container
- SASH mat guide

INSPECT HYDRATION BAG

- Check label on hydration bag.
- Verify correct name of patient, correct name of medication.
- Review discard date of medication.
- Hydration bag should be free of leaks or discoloration. Call pharmacy for problems with hydration bag or incorrect labels.

PRIME YOUR IV TUBING

- Remove IV tubing from its package. Close the clamp on the tubing.
- Place the hydration bag on a clean flat surface.
- Remove the tab from the hydration bag.
- Remove the cover from the spike of the tubing (DO NOT touch the end).
- Spike the bag by pushing and twisting the end of the tubing into the bag. Make sure the spike reaches the fluid in the bag and be careful not to puncture the bag.
- Hang the IV hydration bag on the IV pole. Gently squeeze the drip chamber to fill it about $\frac{1}{2}$ full of fluid (DO NOT overfill).
- Turn the IV tubing dial to “OPEN”. Open the clamp to prime the tubing (filling the tubing with fluid). When fluid reaches the end of the tubing, close the clamp.
- Adjust the tubing dial to set the correct rate for your IV infusion (your rate will be listed on the label).



INFUSE HYDRATION VIA SASH PROCEDURE AS DETAILED BELOW:

1. Flush your IV line with saline (S)

- If applicable, release the clamp on your IV catheter and/or extension.
- Remove alcohol cap from the end of your IV catheter.
- Scrub the needleless connector on your IV catheter with an alcohol wipe for at least 15 seconds and allow to air dry.
- Remove the protective cap from the saline flush syringe. DO NOT touch the syringe tip after removing the cap. Push out air and few drops of excess solution by holding syringe with the tip facing the ceiling and pushing the plunger up.
- Attach the saline flush syringe to the needleless connector on your IV catheter using a push and clockwise twisting motion until secured together.
- Flush your IV catheter using a “push/pause” method.
- Remove and discard the saline flush syringe in a trash container.
- IF resistance is met when trying to flush, verify clamp is open. IF resistance is still met, call your nurse.



2. Administer Medication (A)

- Scrub the needleless connector on your IV catheter with an alcohol wipe for at least 15 seconds and allow to air dry.
- Remove the protective cap from the IV tubing.
- Attach the IV tubing firmly to the needleless connector on your IV catheter using a push and clockwise twisting motion until secured together.
- Make sure your infusion dial is set to the correct rate, then open the clamp on IV tubing.
- Check your infusion consistently to make sure it is running correctly.
- Once the prescribed dose has infused, close the clamp on the IV tubing and disconnect from your IV catheter. Discard all equipment in a trash container.



3. Flush your IV line with saline (S)

- Follow step 1 above starting at the third bullet point.

4. Flush your line with heparin (H)

- Follow step 1 above starting at the third bullet point, using heparin rather than saline.
- Attach orange swab cap if indicated.
- Close the clamp on your IV catheter and/or IV extension set, if indicated.



***IF YOU HAVE TWO PORTS ON YOUR IV CATHETER...**

- *Make sure you flush each port at least once daily. Complete (SH) portion of (SASH) procedure on un-used IV catheter port by flushing with saline and then heparin as indicated above.*

****IF YOUR HYDRATION/ MEDICATION IS CONTINUOUS AND RUNS OVER 24 HOURS...**

- *You do not ever need to flush with heparin, you only need to flush with one saline syringe between each dose.*