

# IV ADMINISTRATION USING A BREAK & SHAKE BAG AND A FLOW RATE CONTROLLER

See instructional video by clicking link below.

https://www.landmarkinfusion.com/flow-controlled-administration-video

#### **GETTING STARTED**

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

#### **GATHER YOUR SUPPLIES**

- IV Medication 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 MEDICATION BAG**

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

### PREPARE YOUR IV MEDICATION

- Bend up then down to break the seal of the medication vial (feels like a you are breaking a glow stick).
- Squeeze the bag to force fluid into vial.
- Gently shake vial until drug is completely dissolved.
- Hold the medication bag upside down and release squeeze to drain the mixed drug from the vial back into the bag.
- You may repeat these steps until the vial is completely empty of the drug and solution (DO NOT remove the drug vial).





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Fort Worth: 3515 NW Jim Wright Freeway
Fort Worth, Texas 76106

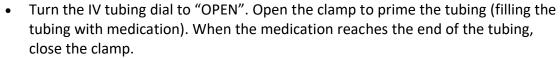
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## **PRIME YOUR IV TUBING**

- Remove IV tubing from its package. Close the clamp on the tubing.
- Place the medication bag on a clean flat surface.
- Remove the tab from the medication 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 medication in the bag and be careful not to puncture the bag.
- Hang the IV medication bag on the IV pole. Gently squeeze the drip chamber to fill it about ½ full of fluid (DO NOT overfill).



 Adjust the tubing dial to set the correct rate for your IV infusion (your rate will be on medication label).



# 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.

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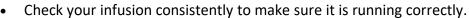
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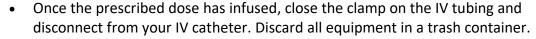


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## 2. Administer Medication (A)

- 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.







• 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 unused IV catheter port by flushing with saline and then heparin as indicated above.



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