



Home Care Services

HomeMed ▪ MedEQUIP ▪ Wheelchair Seating Service

1-800-862-2731

## Administration of Medication with a Balloon System

Drug Name: \_\_\_\_\_

Volume & Rate: \_\_\_\_\_

Schedule: \_\_\_\_\_

### FLUSHING:

Saline  
Drug  
Saline  
Heparin

### Key Points:

1. Always wash your hands with an antibacterial soap for 15 seconds or an antiseptic hand gel. Do not touch anything dirty such as your clothes, glasses or skin after washing your hands. If you do, rewash them.
2. Remove your medication from the refrigerator at least 6 hours before using.
3. Always check the label for your name, the correct medication, correct dose and how frequently the drug should be given. If the information does not match, contact HomeMed immediately.
4. Check the syringes for leaks, expiration dates and floating materials. If these occur, set aside and use another. Notify HomeMed.
5. Work at a comfortable pace. The risk of contamination increases if you rush.

### Supplies:

- (1) Prefilled Medication balloon
- (1) Locking blunt cannula (“winged adaptor”)
- (1) Heparin flush (remove from package)
- (2) Prefilled saline syringes (remove from package)
- (3) Blunt needles
- (4) Alcohol wipes
- Household disinfectant or alcohol
- Antibacterial soap
- Paper towels



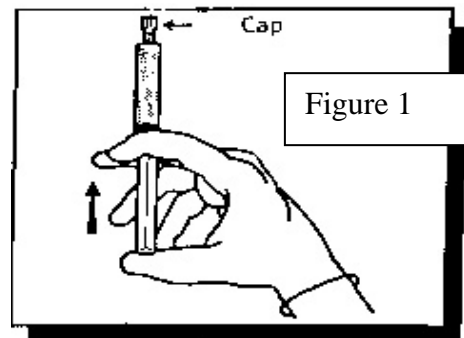
**Procedure:**

1. Place a trash can next to your work area.
2. Wash your hands by first wetting your hands and wrists under running water. Scrub vigorously with antibacterial soap for 15 seconds. Work lather between fingers, under nails, over the palms and back of hands. Rinse hands well by keeping your hands up with fingers pointing up towards the ceiling so that the dirty water runs toward your elbows. Dry your hands with a clean paper towel from the tips of the fingers down. Turn off the faucet with the paper towel.
3. Gather your supplies and place in a corner of your work area.
4. Place a clean paper towel on your work surface or clean it with a household cleaner. Let the area air dry.
5. Place the supplies on your clean work area.

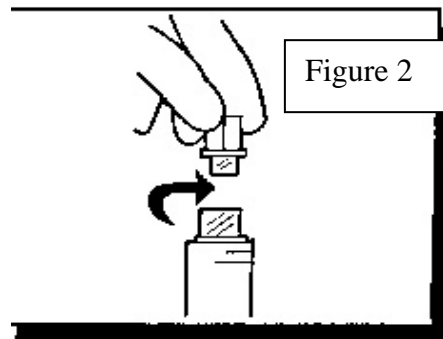


**PREPARING YOUR SALINE AND HEPARIN SYRINGES**

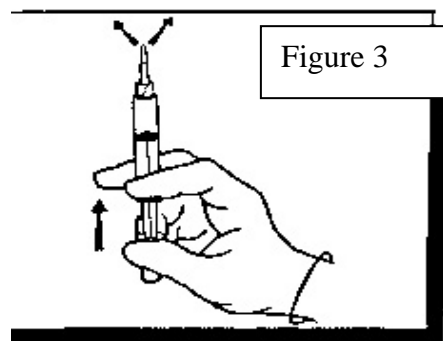
1. Hold the prefilled heparin syringe upward (figure 1).
2. **Do not remove the cap.** Press on the plunger (figure 1). **DO NOT** pull back on the plunger.
3. Remove the protective cap from the end of the prefilled heparin syringe (figure 2).



4. Attach a blunt needle to the syringe by:  
Twisting the green cap off the blunt needle. Attach the needle to the syringe by turning the needle clockwise. Do not remove the gray cap that protects the blunt needle.



5. Hold the syringe with the needle pointing upward. If bubbles appear, gently tap the sides of the syringe. The bubbles will rise to the top of the syringe (figure 3).
6. Push the plunger to the 5 mL mark to push all the air out of the syringe (figure 3).
7. Prepare the 2 saline syringes following steps 2 through 6.

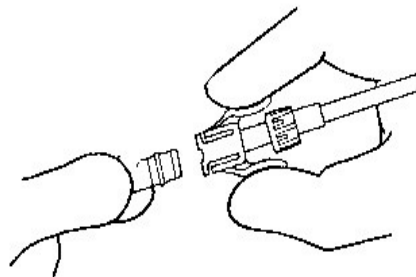


## PREPARING YOUR MEDICATION

1. Remove the protective cap on the end of the balloon tubing.
2. Unclamp the IV tubing. Once the fluid is seen at the end of the tubing, remove the locking blunt cannula from the opened package. Make sure to only touch the wings. Attach the locking blunt cannula to the end of the IV tubing by twisting clockwise.

## STARTING YOUR MEDICATION

1. Unclamp your catheter.
2. **Vigorously** scrub the end of the cap on your catheter with an alcohol wipe.
3. Remove the protective covering from the blunt needle of your **saline** syringe.
4. Insert the saline syringe into the catheter cap and inject the saline solution with a pumping action. When you have completed the 5 mL saline flush, remove the needle and syringe from your catheter.
5. **Vigorously** scrub the end of the cap on your catheter with an alcohol wipe.
6. Remove the protective covering from the end of the locking blunt cannula of your IV tubing.
7. With one hand, hold your catheter by the hub and with your other hand squeeze the “wings” of the locking blunt cannula together and insert it into the cap of your catheter (figure 4).
8. Open the clamp on the IV tubing to begin your infusion. The medication has infused when the infusion time has passed & the balloon has fully deflated.



**Figure 4**



**TIP:** if the tubing is kinked, massage tubing to begin flow!

## STOPPING YOUR MEDICATION

1. Wash your hands.
2. Remove the locking blunt cannula from the catheter. With one hand, hold your catheter by the hub and with your other hand squeeze the “wings” of the locking blunt cannula together and gently pull. Throw the balloon and tubing away.
3. **Vigorously** scrub the end of the cap on your catheter with an alcohol wipe.
4. Remove the gray protective covering from the blunt needle of your **saline** syringe.
5. Insert the blunt needle of the saline syringe into the catheter cap and inject the saline solution with a pumping action. When you have completed the 5 mL saline flush, remove the needle and syringe from your catheter.
6. **Vigorously** scrub the end of the cap on your catheter with an alcohol wipe.
7. Remove the gray protective cap from the blunt needle of your heparin syringe.
8. Insert the blunt needle of the heparin syringe into the catheter cap and inject the heparin solution with a pumping action. When 0.5 mL remains in the syringe, gently push forward on the syringe plunger while clamping the catheter. (Pump-pump-push and clamp).
9. Dispose of the used syringes in your sharps container.



## FAST FACTS



### **Organize yourself!**

Remove medication from refrigerator at least 6 hours before using

Wash your hands

Attach blunt needle to saline syringes

Remove all air from IV tubing. Attach the locking blunt cannula to the IV tubing.

Flush catheter with saline.

Unclamp IV tubing & begin infusion

Your medication should infuse over \_\_\_\_\_

Flush catheter with saline

Flush catheter with heparin

Throw the IV tubing and balloon in the trash after using

### **Catheter flushing:**

Flush with 5 mL of saline

Infuse your medication

Flush with 5 mL of saline

Flush with 5 mL of heparin

### **Resource numbers:**

Call HomeMed if you have questions or if the instructions are unclear to you. Our 24 hour number is:



**1-800-862-2731**

### **If you wish to use an antiseptic hand lotion or gel:**

Do **NOT** use if your hands are visibly soiled or have body fluids (such as blood) on them

Off-brand hand gels can be less expensive

Always check the label for the gel or lotion to contain either ethyl alcohol (ethanol), normal propyl alcohol (n-propyl) or isopropyl alcohol in concentrations between 60-90%