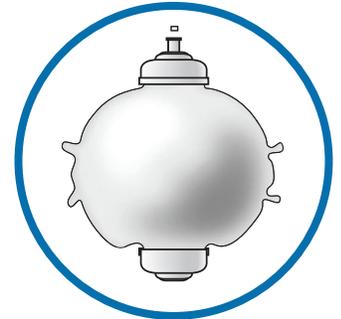


PATIENT GUIDE

IV Administration with Pressurized Ball

Gather Supplies

- Medication – Medication(s) should always be infused at room temperature. If the medication requires refrigeration, remove it from the refrigerator 1-2 hours prior to administration.
- ___ Prefilled Sodium Chloride Syringes
- ___ Prefilled Heparin Syringe ___u/mL, if ordered
- Alcohol Pads



Preparing and Infusing Medication

1. After gathering the supplies above, prepare a clean, flat surface and wash hands.
2. Check the medication ball to ensure:
 - The patient name is correct,
 - The medication and dose are correct,
 - Expiration or Use By date has not passed,
 - Inspect pressurized ball for leaks, cracks, particulate matter and clarity of medication/solution.
3. Remove air bubbles from syringes. Refer to **Patient Infusion Welcome Packet** for instructions.
4. Scrub the hub of the needleless connector on the IV line for 15 seconds with an alcohol pad. Allow to air dry.
5. Attach Prefilled Sodium Chloride Syringe by pushing and twisting to the right.
6. Unclamp the clamp on the IV line and slowly push the end of the syringe plunger using a “push-pause” method.
7. Remove the empty Sodium Chloride Syringe from the IV line.
8. Remove the paper tab and straighten out ball tubing.
9. Scrub the hub of the needleless connector on the line for 15 seconds with an alcohol pad. Allow to air dry.
10. Remove cap on the ball tubing and attach tubing to the IV line by pushing and twisting to the right.
11. Open the clamp on the ball tubing to start infusion.

During the Infusion

1. Depending on the size of the ball, there should be a change in the look and size of the ball over time. Intermittent dosing will show a change within 30-60 minutes. Continuous dosing may take several hours to notice a change.
2. Do not squeeze the ball. The ball has the force to deliver the medication.

When Carrying the Ball

1. Keep the ball as close as possible to the same level as the catheter/access device.
2. During use place ball in your pocket or on table/bed next to you.

When Infusion Completed

1. Wash hands.
2. Re-clamp the pinch clamp on the ball tubing.
3. Remove empty pressurized ball from the IV line.
4. Scrub the hub of the needleless connector on the line for 15 seconds with an alcohol pad. Allow to air dry.
5. Attach Prefilled Sodium Chloride Syringe by pushing and twisting to the right and slowly push the end of the syringe plunger using a “push-pause” method.
6. Remove the empty Sodium Chloride Syringe from the IV line.
7. Scrub the hub of the needleless connector on the line for 15 seconds with an alcohol pad. Allow to air dry.
8. If ordered, attach Prefilled Heparin Syringe by pushing and twisting to the right and slowly push the end of the syringe plunger.
9. Re-clamp clamp on the IV line.
10. Remove the empty Heparin Syringe from the IV line.
11. Dispose of all supplies – syringes and empty pressurized ball – in regular garbage.



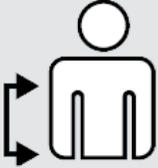
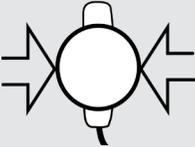
Questions, Concerns or Problems

Should there be any questions, concerns or problems related to medication administration or the IV line contact the home care agency _____ or Upstate HomeCare.

Troubleshooting Guide

If ball does not seem to be working, make sure of the following:

- The ball is at room temperature.
- The white clamp on the ball tubing is open and moves freely on the tubing.
- All clamps on catheter and IV line are open.
- There are no kinks in the ball tubing or IV line.
- Follow your healthcare provider's instructions to make sure the catheter is working properly.

Flow Rate Influencing Factor	Handling Instructions
<p>Temperature</p>  <p>Pressurized ball reservoir is calibrated to work at room temperature (73°F +/- 3.6°F).</p>	<ul style="list-style-type: none"> • Avoid placing the ball under covers or blankets. • Avoid situations that can result in excessive temperature changes to the fluid reservoir. • Avoid exposing the ball to direct sunlight. • Avoid exposing the ball to direct sunlight. • Avoid wearing the ball reservoir underneath clothes in direct contact to the skin. • If the ball was refrigerated, allow it to reach room temperature prior to use.
<p>The flow restrictor is calibrated to work at a temperature of 88°F.</p>	<ul style="list-style-type: none"> • Tape the flow restrictor to the patient's skin.
<p>Ball Position</p>  <p>Pressurized ball should be positioned approx. at the same level as the venous access device (VAD).</p>	<ul style="list-style-type: none"> • Avoid placing the ball on the floor. • Avoid hanging the ball from a bed post or IV pole. • When standing or walking, the ball can be placed into a Carry Pouch and worn around the waist or chest, depending on the VAD. <p>Placing Pressurized Ball at a higher or lower level than the VAD may result in an altered flow rate.</p>
<p>Activity</p>  <p>Activity that increases the patient's body temperature or blood pressure may affect the flow rate.</p>	<ul style="list-style-type: none"> • Avoid vigorous physical exercise that could increase body temperature or blood pressure. • Do NOT use while bathing, showering or swimming.
<p>External Pressure</p>  <p>External pressure such as squeezing or laying on the pressurized ball increases the flow rate.</p>	<ul style="list-style-type: none"> • Avoid unnecessary external pressure on the ball. • Avoid sitting or sleeping on the ball. • The ball can be placed on a bedside table when in bed.