

# Adding Medication to the PD Solution Bag



**Baxter**



## What You Will Learn in Adding Medication to the PD Solution Bag

- The supplies that will be needed
- What you must do to get ready
- The steps needed to add medication to the PD solution bag
- How to mix the medication

**Your doctor may prescribe medication to be added to your PD solution bag.**

## Gather Supplies You Will Need

- PD solution
- 1 Syringe with a 1-inch long, 19 to 25 gauge needle for each medication vial to be prepared
- Medication vial ordered by your doctor: (Note medication and dose)
- 1 Povidone iodine prep pad per medication vial and PD solution bag
- 1 sterile gauze pad per medication vial
- 1 sterile gauze pad for the PD solution bag medication port
- 1-inch tape
- Mask
- Recommended pump soap for hand washing



## Getting Ready

- Prepare the work area
- Make sure your work surface is clean and large enough for your supplies
- Put on mask
- Wash and dry hands thoroughly as trained
- Check the PD solution bag by using the word SEAL

**S** - strength (the strength of the solution is correct)

**E** - expiration date (the expiration date has not passed)

**A** - amount (as prescribed)

**L** - leaks (gently squeeze the PD solution bag, making sure there are no leaks)

## Getting Ready (Continued)

- Final questions before you begin:
  - Is the PD solution clear? (A)
  - Are the medication port and pull ring in place? (B)
  - Is the frangible on the CAPD solution set intact (not broken)? (C)

**You should be able to answer yes to all of the questions above. If not, select a new PD solution bag, and then repeat the check list.**

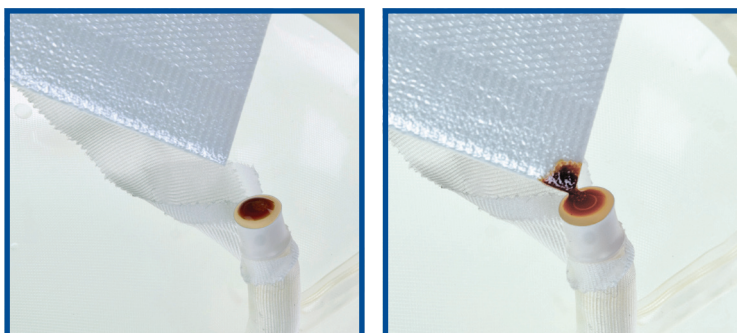
- Place the PD solution bag so the top of the medication port will be upright
- Tape the medication port in the upright position
- Place a drop of Povidone iodine on the medication port of the PD solution bag and top of the medication vial(s)
- Wait 5 minutes

## Remove Excess Povidone Iodine

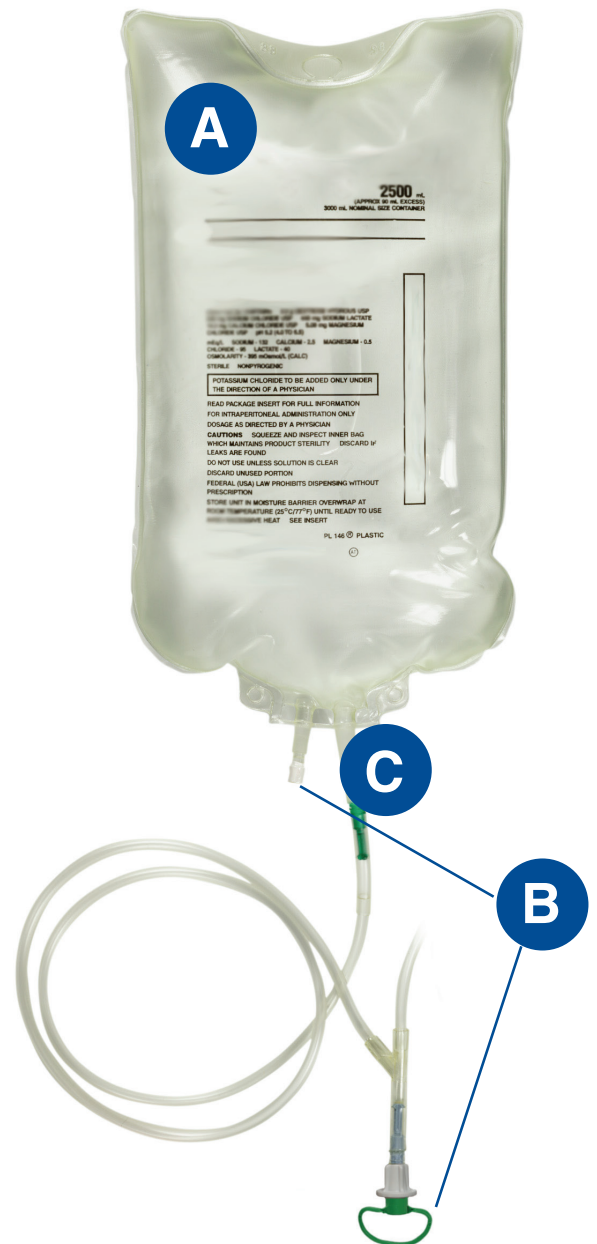
- Use sterile technique to open 2 sterile gauze packets
- Be careful not to touch corners of the gauze pads



- First sterile gauze pad—use one corner of pad to absorb any excess Povidone iodine that may be on the medication vial
- This will create a wicking action that will remove any excess liquid



- Second sterile gauze pad—use one corner of pad to absorb any excess Povidone iodine from the PD bag medication port
- Be careful only to touch the center of the medication vial and the PD solution bag medication port with the gauze





## Adding Medication

Please refer to the manufacturer's prescribing information for medication compatibility.

- Withdraw the medication dose ordered by the doctor from the vial
- Insert the syringe needle (1-inch long) into the center of the PD solution bag medication port
- Inject the medication into the solution
- Remove the syringe needle from the medication port
- Squeeze and tap medication port to empty the medication into the PD solution bag
- Follow this procedure using new sterile gauze and a new syringe for additional medication vials

## Mixing Medication

- Mix PD solution by vigorously agitating solution bag

Ponferrada L, Prowant B, Satalowich R. Peritoneal Dialysis Therapy. In: Counts C. ed. *Core Curriculum for Nephrology Nursing*. 5th ed. Pitman, NJ: American Nephrology Nurses' Association; 2008:795-823.

# Baxter

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