Adding Medicine to Your Peritoneal Dialysis Solution

Follow these steps carefully for every peritoneal dialysis infusion. Before infusing, check with your dialysis nurse if you have any questions.

**You will need:**

- Bag of peritoneal dialysis (PD) solution
- Alcavis
- 2x2" sterile gauze pads
- Syringe prepared with medicine (heparin or antibiotics as ordered by your doctor)
- One inch needle for each prepared syringe
- Masks (1 for each person present)
- Clean gloves (2 sets)
- Chux pad

**Get ready**

1. Wash your hands as instructed by the PD nurse. Scrub with soap for 30 seconds. Dry your hands carefully with paper towels.

2. Enter the room with PD cycler and supplies. Place a “Do Not Enter” sign on the door and close it behind you.

3. Each person in the room must put on a mask.

4. Turn off all fans, close any open windows and cover all vents so the air is still.

5. Perform hand hygiene with the sanitizer provided by the PD nurse. Scrub for 20 seconds.

6. Put on a pair of clean gloves.

**Prepare your PD solution bag**

7. Gather your supplies.

8. Lay a Chux pad on a clean work surface.

9. Place the bag of PD solution upright on your Chux pad. (The top of the medicine port should point up.)

10. Make these safety checks:

    - Do you have the correct **Solution**?
    - Is it **Expired**?
    - Do you have the correct **Amount**?
    - Are there any **Leaks**?

    *Tip: The word “S.E.A.L” can help you remember these checks. It stands for Solution-Expiration-Amount-Leaks.*

11. Squeeze Alcavis over the medicine port on the PD solution bag. Let it sit for 2 minutes.

12. Carefully peel back the sterile wrapper on a 2x2" gauze pad to open it. Do **not** touch the gauze. Keep the pad on the sterile wrapper for now.
13. Remove your gloves. Perform hand hygiene with the sanitizer provided by the PD nurse. Scrub for 20 seconds.


15. Carefully pick up the 2x2” gauze pad, only touching one corner. Use the opposite corner of the pad to absorb any excess Alcavis from the medicine port.

**Injecting the medicine**

16. Carefully hold the medicine port steady with one hand while injecting the syringe of medicine. Be careful not to contaminate any surfaces; use the aseptic technique taught to you by your PD nurse.

17. Remove the needle from the medicine port.

18. Squeeze and tap the medicine port to empty the medicine into the PD Solution bag.

19. Shake the PD Solution bag well to mix it.

20. Repeat the steps for each injection. You may have more than one syringe per PD solution.

21. Throw away the Chux pad when you are done.

**For questions, call your PD nurse:**

PD Office Number: 612-365-3793

PD Pager Number: 612-899-6915