

PD Procedures: Performing a Twin Bag Exchange

VIDEO: *Performing a Twin Bag CAPD Exchange* video of this procedure can be found at: bcrenaleducation.ca/Rural_performing_twin_bag_exchange/story.html

1.0 Practice Standard

The PD patient and/or their family member who has been trained in PD should be encouraged to perform all of their CAPD exchanges. Contact the PD program if the patient and or family member is unable to perform their own CAPD exchanges to obtain further direction. The patient's PD prescription is ordered by the Nephrologist. The prescription includes:

- Number of exchanges/day
- Solution type
- Solution volume
- Solution strength
- Medications

2.0 Supplies

- (2) masks
- Hand sanitizer
- PD solution that has been ordered
- Mini cap
- 4x4 gauze
- (2) clamps
- IV pole

3.0 Procedure

1. Wash hands. Gather supplies on a clean surface.
2. Check the PD solution for solution strength, volume, expiry date.
3. Heat the PD solution using dry heat as per PD program policy.
4. Open the PD solution overpouch and dry the

bag. It is normal to find a small amount of condensation that forms during the sterilization process.

5. Check the solution bag for leaks. Check the medication port, the pull ring and the green seal and Y area to ensure they are intact.
6. Add medications to the solution bag if ordered
7. Hang the fill bag on an IV pole and place the drain bag on the floor.
8. Ensure the y portion of the tubing with the pull ring is easily accessible and kept clean.
9. The patient may choose to perform the exchange position, sitting, lying or standing. Expose the patients transfer set and check that the twist clamp is closed.
10. Wash hands with hand sanitizer. Mask self and patient.
11. Remove the pull ring from the end of the twin bag and keep the end sterile by holding in one hand.
12. Remove the mini cap from the patients transfer set keeping end sterile
13. Immediately attach the twin bag connector to the patients transfer set. Use a twisting motion to ensure that the two ends are connected tightly. Use the 4x4 to wipe off any iodine.
14. Open the twist clamp on the transfer set to begin draining.
15. Draining is complete when the drain bag is full and there is no fluid moving from the fill line into the drain line and bag. After draining is complete close the twist clamp on the patients transfer set.
16. Place a clamp on the drain line.

17. Break the green seal located at the Y connection point using a back and forth snapping motion.
18. Open the clamp on the drain line and count for 5 seconds. During the 5 seconds a small amount of the PD solution will flow from the solution bag into the drain bag.
19. Close the clamp on the drain line after 5 seconds.
20. Open the twist clamp on the patients transfer set to begin filling.
21. Once filling is complete, close the twist clamp on the patient transfer set.
22. Place a clamp on the fill line.
23. Mask self and patient. Wash hands with hand sanitizer.
24. Check the expiry date on the minicap package. Open the minicap package.
25. Unscrew the twin bag connector from the transfer set. Keep the transfer set in one hand.
26. Immediately apply new minicap to the patients transfer set. Ensure that it is secure.
27. Check the drained fluid in the drain bag for: clarity, fibrin, blood. If present, call the PD unit for further direction.
28. Dispose of effluent and plastics.
29. Document the procedure as per policy.

Disclaimer: Patient and PD program specifics must be considered when implementing procedures.