



ADMINISTRATION OF TPN VIA CADD-PRIZM PUMP

SUPPLIES:

- TPN bag (remove from refrigerator 6 - 8 hours before infusing)
- CADD PRIZM pump and battery power pack
- CADD PRIZM administration set (tubing)
- Alcohol wipes
- Sharps container
- (2) Sodium Chloride syringes
- (1) Heparin syringe
- Any additional medications or supplies needed for TPN

PROCEDURE:

1. Gather equipment. Clean work area. Wash hands.
2. Prepare (1) sodium chloride flush as instructed by your nurse.
3. **NOTE: You will need (1) additional sodium chloride syringe and (1) heparin syringe at the completion of your TPN infusion.**
4. Prepare TPN additives as instructed by your nurse
5. Clean injection port of TPN bag with new alcohol wipe vigorously for 30 seconds and let air dry for 60 seconds before injecting each additive into bag. Inject the additives into the TPN as directed by your nurse.
6. Gently rock bag back and forth to mix additives.
7. Remove CADD PRIZM tubing from package. Remove the blue Flow Stop device from the top of the cassette by pulling the blue tab up. This will prevent un-intended gravity flow.
8. Remove protective tab from entry port to TPN bag.
9. Remove cover from spike on tubing and insert spike into TPN bag using a pushing-twisting motion. **DO NOT TOUCH SPIKE.**
10. Insert 9 volt battery into pump and attach battery pack power cord into the power outlet of the pump.
11. Pump will go through an automatic review; screen will display pre-programmed settings. Listen for sequence of beeps. Display screen will read **“TPN Press NEXT to advance.”**



12. Use coin to lock new tubing/set to CADD PRIZM pump as instructed by your nurse. Pump will display “administration set attached, press next to continue.”
13. Open clamp on tubing. Press NEXT on screen to advance to next display.
14. Display will read “**Reservoir Volume.**” Press ENTER. (this resets the pump and must be done with each new bag)
15. Display will read “**Reset Reservoir Volume.**” Press “Y” (YES)
16. Display will then read “**Prime Tubing.**” Press “Y” (YES) Hold keypad down until tubing is fully primed. This step may need to be repeated to ensure entire tubing has been cleared of air.
17. **Note:** If “PRIME” does not appear on the display screen, it can be accessed by pressing the “OPTIONS” menu button.
18. “PRIME” will appear on the display screen, then press “ENTER”.
19. Display will read “**Continue Priming?**” If entire tubing is primed press “N” (NO)
20. Display will read “**Start the pump**” Press “N” (NO)
21. Display will read “**STOP.**”
22. Clean the injection cap on the end of your catheter with alcohol vigorously for 30 seconds and let air dry for 60 seconds.
23. Flush your catheter with Sodium Chloride syringe as instructed by your nurse.
24. Clean the injection cap on the end of your catheter with new alcohol wipe vigorously for 30 seconds and let air dry for 60 seconds.
25. Attach the CADD Prizm tubing to the end of your injection cap
26. Start pump by pressing STOP/START keypad
27. Display will read “**Start the Pump?**” Press “Y” (YES). Pump will go through automatic review then the Green light in upper right corner of pump (above the display screen) will blink. Display will read **Running.** Fluid delivery will begin
28. Place CADD PRIZM pump and the bag of TPN into the backpack as instructed by your nurse.

NOTE: After a short time, the display turns itself off to save power. To reactivate display screen, press any keypad.



AT COMPLETION OF TPN INFUSION:

1. Stop CADD Prizm pump. Press STOP/START key. Display will read **“Stop the pump?”** Press **“Y”** (YES)
2. Close the clamp on tubing.
3. Disconnect the tubing from your injection cap. Use coin to unlock tubing/set from pump and discard used tubing and TPN bag.
4. Clean the injection cap on the end of your catheter with an alcohol wipe vigorously for 30 seconds and let air dry for 60 seconds, then flush your catheter with Sodium Chloride as instructed by your nurse.
5. Clean the injection cap on the end of your catheter with new alcohol wipe vigorously for 30 seconds and let air dry for 60 seconds then flush your catheter with Heparin as instructed by your nurse.

REMEMBER:

- Always connect battery pack to AC adapter and plug into wall outlet. A green light will illuminate when the battery pack is fully recharged.
- A 9 volt battery must always be in the pump when infusing for the pump to operate correctly.

SASH FLUSH PROCEDURE:

- S** Sodium Chloride ____ ml
- A** Administer medication as instructed by your nurse.
- S** Sodium Chloride ____ ml
- H** Heparin ____ ml (if required)