

CADD PRIZM TPN

Equipment

- ✓ TPN at room temperature
- ✓ Pump
- ✓ 9 volt battery or battery pack
- ✓ Tubing set with filter
- ✓ (2) Saline flushes
- ✓ (1) Heparin flush
- ✓ Multivitamins
- ✓ 10ml syringe with needle
- ✓ Alcohol wipes
- ✓ Coin
- ✓ Other additives as ordered (syringes and needles as appropriate)
- ✓ Sharps container
- ✓ Waste container

Procedure

- 1. Wash your Hands**
- 2. Clean your Work Area**
- 3. Gather up your Equipment**
- 4. Check your IV site (check for signs of redness, tenderness, swelling or drainage- notify your nurse if any signs present)**
- 5. Prepare the Heparin and Saline flushes by removing air**
- 6. Check your Bag for:**
 - The right name
 - The right drug
 - The expiration date
 - Particles or discoloration
- 7. Add ordered Medication to bag---- be careful not to puncture bag**
- 8. Set up the TPN**
 - Open the tubing set and close the clamp
 - Pull the tab off the TPN bag
 - Remove the cap from the spike end of the tubing
 - Push the spike into the port

9. Change the Battery

- Slide the battery cover on the side of the pump
- Remove the old battery
- Insert new battery
- Slide cover back into the pump until closed
- Set pump down and wait for pump to complete self test

10. Attach the Battery Pack if not using Batteries

- Open the Power cover on the side of the pump
- Line up the red mark on the Power Pack cord with the red mark on the pumps Power Jack and push

11. Attach TPN to the Pump

- Insert the reservoir hooks into hinge pins on the pump
- Place pump upright on a flat surface
- Using a coin, push in and turn latching button until the mark on the latch lines up with the solid dot and you hear 1 beep

12. Reset the Pump Program

- **“Reservoir latched. Press Next to continue.**
- **Reset Reservoir Volume to _____ml?”** will appear on the screen
- Press **“Y”** to reset the reservoir volume
- **“Prime Tubing?”** will appear on the screen
- Press **“Y”**
- **“Disconnect tubing from the patient. Open Clamps. Hold Y to prime”** will appear on the screen
- Press and hold **“Y”** button until the fluid reaches the end of the tubing---you may need to do this more than once

13. Place TPN and Pump in the backpack

14. Administer Saline Flush

- Clean the cap on your IV with an alcohol wipe
- Remove the cap from the saline flush
- Attach syringe to catheter by twisting and pushing
- Administer saline flush
- Remove the syringe and discard

15. Hook up TPN

- Clean the cap on your IV catheter with alcohol wipe
- Attach TPN tubing to catheter

16. Start Pump

- **“Start the Pump?”** will appear on the screen
- Press the **“Y”** button

Pump screen will run through the program. The green light at top of screen will begin to flush, indicating that the pump is running.

Completion of Therapy

1. Disconnect TPN

- Press the **Start/Stop** button
- **“Stop the Pump?”** appears on the screen
- Press the **“Y”** button
- Close clamp on pump tubing
- Remove tubing from IV line + pump and discard

2. Administer the Saline Flush

- Clean the end of the catheter with an alcohol wipe
- Remove the cap from the saline flush
- Attach the saline flush and administer
- Remove syringe and discard

3. Administer Heparin Flush (if applicable)

- Repeat STEP 2 using Heparin
- Close clamp on line