



**913-906-9260**

**TPN ADMINISTRATION GUIDE: PEDIATRIC**

1. Wash your hands
2. Gather your supplies
  - Bag of TPN
  - IV tubing
  - Alcohol pads
  - IV pump
  - 2 Syringes with \_\_\_\_\_cc saline
  - 1 Syringe with \_\_\_\_\_cc heparin
  - 1 Syringe with needle (purple cap) for MVI
  - Bottle of sterile water and bottle of MVI
3. Draw up 5 cc of air and add to sterile water. Draw up 5 cc of air and add to bottle of MV. Then draw up 5 cc of sterile water and add to the MV bottle. Gently agitate bottle until clear. Then withdraw contents of MV. Clean middle port of TPN bag with alcohol pads and carefully inject MV into TPN bag.
4. Add medications to TPN if ordered
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_
5. Unwrap tubing
6. CLOSE side clamp on tubing

7. Spike bag of TPN by pulling plastic protector cap off of tubing port(middle port) on bag of TPN and pulling plastic protector off spike on end of tubing. Be careful not to touch/contaminate unprotected ends.
8. Firmly insert spike into TPN port on bag. Twisting while pushing at the same time may make this easier.
9. Open slide clamp. Now the tubing will begin to prime(fill with TPN). Make sure the tubing hangs below the bag of TPN. Let the fluid fill tubing and filter until it reaches the end of the tubing.
10. Close the slide clamp on the tubing once the tubing is completely primed (filled with fluid).
11. Gently break off the oval shaped tab on the amber colored clamp on the tubing. You must do this before you insert the tubing into the pump.
12. Place tubing into the pump (see directions on tubing package if assistance is needed).
13. Cleanse the cap on the PICC line with 2 alcohol swabs and attach the syringe with saline. Then flush with 4-5 cc saline.
14. Remove syringe from PICC.
15. Remove protective cap from end of TPN tubing and attach tubing to PICC.
16. Turn on the pump and follow the on screen display questions. Refer to sheet provided for pump operation specifics.
17. Once your infusion is complete the pump will alarm. At this time you will disconnect the tubing from the PICC line.
18. Attach syringe with 4-5 cc saline and flush.

19. Remove syringe and attach syringe of Heparin. Flush 2-3 cc of Heparin solution and then remove syringe.

20. Remember the word SASH for TPN administration.

**S - 4-5 CC SALINE**

**A - ADMINISTER TPN**

**S - 4-5 CC SALINE**

**H - 2-3 CC HEPARIN**

### TIPS

- ❖ Make sure all slide clamps are open before infusing
- ❖ Never use force to flush line with saline or heparin
- ❖ If remaining in one place for a long time use AC adapter and plug pump into wall