



## CURLIN PUMP ADMINISTRATION PROCEDURE (TPN Mode)

### SUPPLIES:

- **CURLIN** pump
- **CURLIN tubing** (change daily with each new bag)
- **TPN bag** (remove from refrigerator 6-8 hours before infusing)
- 2 Sodium chloride syringes
- 1 Heparin syringe – if required
- Any additional medications and supplies as required for additives
- Alcohol wipes
- Sharps container if using syringes with needles
- 2 “C” batteries (change daily and as needed)
- Coin to unlock battery door (if required)

### PROCEDURE:

1. Gather equipment. Clean work area. Wash hands.
2. Prepare (1) sodium chloride flush as instructed by your nurse. NOTE: You will need (1) additional sodium chloride syringe and (1) heparin syringe (if required) at the completion of your TPN infusion.
3. Prepare TPN additives as instructed by your nurse.
4. Clean injection port of TPN bag with an alcohol wipe scrubbing vigorously for 30 seconds and let dry for 60 seconds before injecting each additive into bag. Inject the additives into the TPN as directed by your nurse.
5. Gently rock the bag of TPN back and forth to mix additives.
6. Remove **CURLIN** tubing from package. Twist and remove the breakaway tab from the Flow-Stop. Removing the breakaway tab causes the Flow-Stop to close, preventing unintended gravity flow.
7. Remove protective tab from entry port of medication bag.
8. Remove the cover from the spike on tubing and insert spike into medication bag, using a pushing and twisting motion. **DO NOT TOUCH SPIKE.**
9. Insert the batteries into the **CURLIN** pump.



10. Insert the administration set into the **CURLIN** pump as directed by your nurse.
11. Close the pump door securely.
12. Turn pump on by pressing on/off key.
13. After the pump completes an internal check of the system, the screen will display **ENTER to Select. PROGRAM** will be highlighted. Press **YES**
14. The next screen will display **REPEAT Rx** and **NEW PROGRAM**. Make sure **REPEAT Rx** is highlighted, then press **YES**.
15. The pump will complete a review of the settings then it will stop on the screen that displays **PRESS RUN to START; NO TO REVIEW; OPTIONS** or **PRIME**. With each bag of TPN and new tubing, you will need to prime the tubing by pressing and holding the **PRIME** key. Follow the directions on the screen to prime tubing completely.
16. 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.
17. Flush your catheter with sodium chloride as instructed by your nurse.
18. Clean the injection cap on the end of your catheter with a new alcohol wipe vigorously for 30 seconds and let air dry for 60 seconds.
19. Attach the **CURLIN** tubing to the end of your injection cap.
20. Press green **RUN** key and the pump will start and your infusion will begin.

**NOTE:** If it is necessary to PAUSE the pump during an infusion (ex. to silence an alarm), once resolved, **RESUME** should be highlighted. Press **YES**, then press **RUN** key to resume.

**AT COMPLETION OF INFUSION CYCLE:**

1. When your TPN infusion is complete the **CURLIN** pump will either say **INFUSION COMPLETE** or **BAG EMPTY**.
2. Press **PAUSE**. Then turn the pump **OFF**.
3. Disconnect the tubing from your injection cap.
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. If heparin flush is required after the sodium chloride flush, clean the injection cap with a new alcohol wipe vigorously for 30 seconds and let air dry for 60 seconds. Flush catheter with Heparin as instructed by nurse.
6. Remove used TPN bag with tubing from pump and dispose of as instructed by your nurse.

**SASH FLUSH PROCEDURE:**

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