



New England
Life Care

Home Infusion Therapy Services

Enteral Therapy Administration
Using
The Kangaroo PET Pump

Patient Name: _____

Goal: Patient / Caregiver will demonstrate proper preparation and administration of prescribed therapy.

Dr. _____ has prescribed the following formula(s) for you (dose/route/frequency):

TO PREPARE THE TUBE FEEDING:

1. **Clean** a well lit area for preparation of the tube feeding.
2. **Wash hands** with soap and water. Dry with paper towels or clean towel.
3. **Gather** the following **supplies**:
 - 1 - enteral feeding bag
 - prescribed amount of _____ formula and measuring device
 - 1- _____ml flush syringe
 - IV pole
 - Pet Kangaroo pump
 - Carrying case (if feeding needs to be portable)
 - Wastebasket
4. **Inspect** formula for correct name and expiration date. If any are incorrect, contact the NELC pharmacist immediately.

PREPARING THE FEEDING:

1. Open the feeding bag administration set and remove the bag and tubing. Stretch the tubing out to ensure there are no knots in it. Close the roller clamp.
2. Open the cap at the top of feeding bag and pour in desired amount of feeding to be used. Be sure to add an additional 10-15 ml of formula to accommodate space in tubing. Never add more than 8-10 hours of feeding at

a time in the bag. Close the cap securely. Place the feeding bag on the IV pole or into carrying case stand.

3. Slowly open the clamp on the tubing to allow formula to flow through until a steady slow stream is seen. Hold the drip chamber upside down and let formula cover the drip device inside the drip chamber. Once this is covered with formula, immediately turn the drip chamber back into an upright position and continue to fill rest of tubing with formula. Close the clamp once formula starts to drip out of end of tubing.
4. Unclamp the feeding tube. If instructed to do so, attach the flush syringe and flush the tube with _____ mls of water as ordered. Re-clamp the feeding tube. Remove the syringe and set aside.
5. Press the black button on the back of the Pet Kangaroo pump. Pull the arm of the pump down. Place the feeding bag tubing into the groove along the arm. Push the arm back up. Unclamp the feeding bag tubing. Remove the protective cap from the end of the tubing and connect it to the feeding tube.

BEGINNING THE FEEDING:

1. Press “**ON**” button on pump. The pump will display any non-zero value in memory.
2. Set the rate by pressing the up or down arrows on the pump to set the desired rate. The rate number always blinks continuously. The rate is always measured in “ml/hr” increments.
3. Press “**DOSE**” then “**CLR**”.
4. Press “**VOL**” then “**CLR**”. This screen represents feeding volumes already given. You cannot enter a number here. Steps #3 and #4 have to be followed in this order before a new feeding is started.
5. If you have instructed to do so, press “**DOSE**” then use the up or down arrows to set dose to be delivered. This must be done quickly or the pump will go back to “**ml/hr**” display and the rate will be changed instead.
6. Press “**START/HOLD**” to start the pump. The “**START/HOLD**” button may be pressed at any time to stop the pump, change settings or silence the alarm.

COMPLETING THE FEEDING:

1. When the feeding is complete press “**OFF**”.
2. Clamp the feeding tube and feeding bag tubing.
3. Disconnect the tubing from the feeding tube.

4. Attach the flush syringe, unclamp the feeding tube and flush the feeding tube with ____ mls of water as instructed. Remove the flush syringe and clamp the feeding tube.
5. Open the arm on the pump and remove the feeding bag tubing. If the feeding bag is to be used again within the next 24 hours, rinse the feeding bag with warm water otherwise discard it into wastebasket.

That's It!! Great Job!!

POINTS TO REMEMBER:

- **The feeding bag may be re-used if more than one feeding is administered within 24 hours. Be sure to rinse it out completely with warm water. Do not use soap.**
- **The flush syringe should be rinsed out with warm water also. Remove the plunger from the formula syringe and rinse both the plunger and the barrel in warm water. Allow to air dry.**
- **Call NELC if you have to discard a feeding bag or other supplies unexpectedly. NELC has provided you with enough supplies to last until your next scheduled delivery.**
- **If the drip chamber is overfilled you need to empty out the feeding bag completely and start over or else get a new bag. Remember to call NELC if you have to discard a bag unexpectedly.**
- **Store opened formula in the refrigerator no longer than 24 hrs. Store unopened formula at room temperature. If you mix powdered formula with water or other solutions be sure to follow directions on formula can accurately. Contact your doctor with any questions.**
- **If you develop nausea, vomiting, diarrhea, abdominal cramps or distention stop the feeding and call your doctor.**
- **Flow Rate Ranges: Rates between 1-75 ml/hr in can be adjusted in 1ml increments. Rates between 75-400 ml/hr can be adjusted in 5ml increments.**

ALARM MANAGEMENT:

“FLO ERR” indicates an occluded fluid pathway, empty feeding container or drip sensors blocked. Be sure the feeding bag tubing is not occluded with clumps of formula or the clamp is not closed. Add more formula to bag if appropriate or shut the pump off if the feeding is completed. If the drip sensor is dirty wipe this area gently with soap and warm water.

“HLD ERR” indicates that the pump has been left on in the **“HOLD”** mode for over 2 ½ minutes. Restart the pump or turn it off.

“NO SET” indicates that the feeding bag tubing is improperly loaded into pump. Remove and replace the feeding bag tubing into the pump.

“DOSE DEL” indicates that the preset dose has been delivered.

“LO BATT” indicates low battery. From the time this alarm sounds, you have approximately 15 minutes of battery life left. Plug the charger unit with the pump attached into the A/C outlet. When fully charged, the pump will run 14 hours on battery at maximum rate of 125ml/hr. The pump needs to be plugged in for 8 consecutive hours for the battery to recharge.

“SYS ERR” indicates that an error has occurred in the rotor circuit. The pump needs to be returned to NELC for replacement.

“8888” indicates an internal circuit problem. The pump needs to be returned to NELC for replacement.