

# PATIENT EDUCATION

## Administration of Enteral Feeding Using Kangaroo Joey Pump in Continuous Mode

Properly administering your medication at home is important to your safety. In the event of an emergency, call 911.

### SUPPLIES:

- Formula
- Kangaroo Joey pump
- Kangaroo Joey feeding set (feeding bag) **CHANGE FEEDING BAG EVERY 24 HRS.**
- Backpack (if applicable) or IV pole and pole clamp
- 60 cc. syringe for flushing
- Carrying case (if applicable). **CARRYING CASE IS MACHINE WASHABLE. USE GENTLE CYCLE.**

### PROCEDURE:

1. Clean work area. Wash hands thoroughly for at least 20 seconds. Gather supplies.
2. Place Kangaroo Joey pump on a stable surface or attach it to the IV pole using the pole clamp.  
**NOTE: If using IV pole, it is important to secure the pump 6 inches or less from the feeding bag.**
3. Remove Kangaroo feeding bag with tubing from package.
4. Turn pump on by pressing the bottom right button. The screen will light up. You will see image of two Kangaroos hop across the screen.
5. The pump screen will display **PRIOR SETTINGS**. For your first home dose, press ► **CLEAR SETTINGS** key. **NOTE** – after initial home dose/settings are completed, you will press ► **KEEP SETTINGS** key, and proceed to step 9.
6. The Kangaroo Joey pump will be preset in **CONTINUOUS MODE**. In continuous mode, using a “Feed Only Set”, settings that can be adjusted include **FEED RATE** and **VTBD** (Volume to be delivered). To change the rate (ml/hour), press ► **ADJUST FEED** key then press the ► **FEED RATE** key to set the correct rate. (Rates range from 1ml/hr – 400ml/hr). Press ► **ENTER** key to save the prescribed rate.
7. Next press ► **FEED VTBD** key and set the volume to be delivered. When prescribed volume is entered, press ► **ENTER** key to save prescribed volume.

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8. When complete, press ► **DONE**.
9. The pump will then indicate **LOAD A SET** on the screen.
10. Open the blue transparent door on the top of the pump.
11. Load the pump set into the pump by grasping finger tab on the set valve and inserting it into pump valve (as illustrated on top of pump).
  - a. Grasp the black ring retainer and stretch the tubing counterclockwise around the pump rotor. Lower the black retainer into the slot (as illustrated on top of pump).
  - b. Close the blue transparent door when the tubing is in place. The pump screen will display **SET LOADED**.
12. Fill the 'FEED' bag with the proper amount of formula and close bag securely at the top. **NOTE: ONLY 8 HOURS OF FORMULA SHOULD BE POURED INTO BAG AT A TIME FOR ADULTS. ONLY 4 HOURS OF FORMULA AT A TIME FOR PEDIATRIC PATIENTS.**
13. Remove cap from end of tubing. Press ► **PRIME** on the menu bar.
  - a. Press ► **AUTO PRIME**. The pump will automatically prime the tubing. When tubing is fully primed, the screen will display **AUTO PRIME COMPLETE**.
  - b. If the tubing has not primed all the way to the end, you may press and hold ► **PRIME** key until tubing is fully primed to the end. When complete, press ► **DONE**. If for some reason you must stop priming the pump, press ► **STOP** to cancel **AUTO PRIME**.
14. If the pump is for ambulatory use, place it and the feeding bag into the backpack. This can be done by securely closing lids and holding tubing end up so air can be removed before fluid during the priming. Then place pump and bags into the backpack.
15. Flush your feeding tube as instructed by your nurse.
16. Connect the pump tubing to your feeding tube by inserting tip of the tubing into the end of your feeding tube or feeding tube attachment device. You may secure the connection with a piece of tape if necessary.

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17. Press ► **RUN** key to start the pump. The pump screen will display **RUNNING**, and the droplet icon will move vertically on the screen. The feed rate will also display. The green LED indicator will be illuminated.
18. The feeding can be interrupted by pressing ► **HOLD key**, which will pause the pump. The pump screen will display **HOLDING** and the yellow LED indicator will be illuminated. The pump will alarm if in **HOLDING** pause mode for 10 minutes or more. Press ► **RUN** to restart the pump.
19. When the formula has infused and feeding is complete, the pump will alarm. Press and hold ► **POWER DOWN** key to turn pump off. You will see the display countdown – **3, 2, 1, OFF**. **NOTE-** if ► **POWER DOWN** key is not released quickly, the pump will turn back on.
20. Wash Hands thoroughly for at least 20 seconds.
21. Disconnect the tubing from your feeding tube.
22. Flush your feeding tube as instructed by your nurse.
23. Plug the Kangaroo Joey enteral feeding pump into an A/C power outlet for pole mounted operation. Recharge the unit daily after using it as an ambulatory pump.

**NOTE: A FULLY CHARGED PUMP WILL RUN APPROXIMATELY 18 HOURS @ 125ML/HR. BATTERY WILL CONTINUOUSLY CHARGE WHEN PUMP IS PLUGGED IN. A MINIMUM OF 6 HOURS OF CHARGING DAILY IS REQUIRED TO FULLY CHARGE.**

### **ENTERAL PRODUCT STORAGE GUIDELINES:**

#### **General Temperature Guidelines**

General recommended storage temperature ranges for your nutritional product is between 32- and 95- degrees Fahrenheit (F). The most desirable temperature range for storage of unopened containers is room temperature, between 55- and 75- degrees F. Storage at these temperatures will assure the highest-quality product.

**Unopened products** should be stored in a cool, dry area. Prolonged exposure to temperatures below 32 degrees F or to direct heat above 95 degrees F could affect the physical consistency of the product.

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### **Extreme Storage Conditions**

Do not freeze formula products or store at greater than 95 degrees F. Excess temperatures, even for short time periods, can cause physical changes in the products, rendering them undesirable or unusable.

### **Additional Powder Storage Recommendations**

Powdered formula should be used within one month from opening. Although the powders will not “spoil” from a microbiological perspective, some of the vitamins and fatty acids will degrade over time when exposed to oxygen. Powdered nutritional products should be stored in a cool, dry area. Opened powder cans should be covered; they should not be stored in the refrigerator.

### **NOTES:**

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The information included in this document is intended for informational and educational purposes only. It is not intended to replace medical advice offered by a physician or other qualified health provider. If you think you are experiencing a medical emergency, call 911 immediately.

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