

Whole-bowel irrigation

(*WITH* a feeding pump)

1. Choice of nasogastric tube:

- The Salem Sump™ nasogastric tube 16 Fr or 18 Fr is recommended to achieve the desired flow rate of 1.5 to 2 L/h

2. Reconstitute 4 L of polyethylene glycol oral solution: See section on reconstitution

- The total amount of polyethylene glycol needed may vary from patient to another, reaching up to 36 liters and more (9 containers of 4 L and more)

3. Equipment needed (see also Section on Available Products for Ordering Information)

- 2 Kangaroo™ ePump Enteral Feed and Flushes Pumps
- 2 kangaroo™ ePump Enteral Feeding Sets (1 L bag with tubing)
- 1 Kangaroo™ PEG Adapter with ENFit Connection (**reference: Picture 4**)
- 1 Salem Sump™ nasogastric tube of 16 or 18 Fr

The ePump offers an intermittent feed mode selection with a flow rate of approximately 1 L/h. To achieve the target flow rate of 1.5 to 2 L/h administration using two ePumps will be necessary.

4. Set-Up:

- Start the pump → Press POWER
- Press CLEAR SETTINGS if needed
- Settings of the Intermittent Mode:
 - i. Press MORE
 - ii. Press CONTINUOUS OR INTERMITTENT
 - iii. Press INTERMITTENT MODE
 - iv. Press DONE 2 times
- Fill each enteral feeding bag with 1 L of polyethylene glycol oral solution
- LOAD A SET; load a set in each pump
 - i. Open blue door enclosing pump set loading area and refer to the figure on the pump. When the set is correctly loaded the display status will be SET LOADED
- Priming the pump:
 - i. Press PRIME PUMP → AUTO PRIME.
 - ii. Press and hold the HOLD TO PRIME FEED until drops come out
- Then program the pump as follows:
 - i. Press ADJUST BOLUS
 - ii. Press BOLUS RATE → Press BOLUS MAX (at the bottom left) → the rate will be 999 ml/h → Press ENTER
 - iii. Press NUMBER OF BOLUSES → LET « 0 » → Press ENTER
 - iv. Press VOLUME PER BOLUS → Enter 999 mL → Press ENTER
 - v. Press BOLUS INTERVAL → Enter 4 h (minimal setting required) → Press ENTER
 - vi. Press DONE

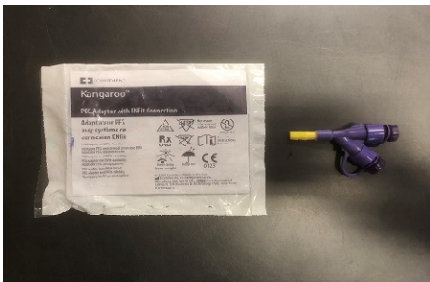
5. Administration Instructions:

- Connect the yellow tip of the ENFit Adapter to the Salem Sump™ nasogastric tube. Push until the purple part of the ENFit Adapter tip is inserted into the Salem Sump™ nasogastric tube to prevent leakage (reference: **Pictures 5 and 6**)
- Connect the 2 purple tips of the enteral feeding bags sets to the purple tips of the ENFit adapter (reference: **Picture 7**)
- Press RUN to start the irrigation on the first pump. Wait 5 seconds and press RUN on the second pump, this way there will be a more continuous flow
 - i. If the polyethylene glycol oral solution is leaking from the air intake site (i.e.: the blue-coloured tubing) of the Salem Sump™ nasogastric tube, a plug must be inserted into the air intake
- It will take approximately 60 minutes to administer 2 L of polyethylene glycol oral solution. Therefore, it will be necessary to repeat the following **steps every 55 minutes**:
 - i. Press and hold 3 seconds the « POWER » button to shut down the pump
 - ii. Refill each enteral feeding bag with 1 L of polyethylene glycol oral solution
 - iii. Restart the pump
 1. Press POWER
 2. Press KEEP SETTINGS
 3. Press RUN. Again, wait 5 seconds between each pump
- Enteral Feeding Sets should be replaced every 24 hours
- Dispose the Kangaroo™ Enteral Feeding Sets (bag and tubing) when treatment is discontinued

6. Monitoring:

- Throughout the whole bowel irrigation :
 - i. Monitor peristalsis
 - ii. Monitor the absence of gastrointestinal tract obstruction (eg.: bodypacker with foreign body in the rectum)
 - iii. Monitor risk of aspiration if patient is vomiting

Picture 4



Picture 5



Picture 6



Picture 7



