

INFUSION TIPS



DELIVERY TEMPERATURE

- Keep formula at room temperature or warmer. Cool temperatures thicken formula.
- If adding water, use water that is room temperature or slightly warm.
- If adding water, or formula has separated, place in blender for 30 to 45 seconds to re-emulsify.



HOW MUCH WATER TO ADD ?

- Functional Formularies has tested our formulas using all infusion modalities. We recommend using our formulas with tubes that are sized 8 French or larger.
- Adding water may be helpful if you are having difficulty infusing the formula.
 - Start with 30 to 60 mL of water per pouch.
 - It is important to mix water and formula together by blending which will allow water to emulsify to the formula and prevent separation during the delivery and infusion process.



WEIGHT vs. VOLUME

- Our formulas are measured in grams as they consist of liquified whole foods unlike commercial formulas that are measured in volume.
- USDA requires food labels to include a volume measurement. Each pouch of Liquid Hope and Nourish is 12 ounces when manufactured.
- **Note:** Due to temperature changes from manufacturing to time of use, volume contraction may occur and volume may be slightly less when poured. As long as entire pouch is utilized, the patient will receive all macro and micronutrients stated on label.



TRANSITIONING TO WHOLE FOOD FORMULAS

- We recommend titrating our formulas over 5 to 10 days.
- Use clinical judgment, but a typical titration is to start with a 1/3 to 1/2 of a pouch for the first 1 to 3 days. Increase by a 1/2 to a full pouch every few days until at goal regimen.



functional formularies®
— LET FOOD BE THY MEDICINE —

INFUSION MODALITIES



INFUSING FORMULA THROUGH A SYRINGE

- Please refer to temperature guidelines.
- Use the plunger of the syringe to slowly push formula through the syringe.
- Try to extend formula delivery to mimic the length of an oral meal (20 to 45 minutes).

INFUSING FORMULA THROUGH A PUMP

- Please refer to temperature guidelines.
- When priming pumps with whole food formulas, priming takes longer than with synthetic formulas. It may be necessary to hold down the manual priming button until droplets appear.
- Formula will run accurately at desired rate, but priming goes slower. Prime until droplets appear.
- Our formulas have been tested and found to be free of microbial growth after 12 hours as long as they have not had anything added to them.

INFUSING FORMULA THROUGH A GRAVITY DRIP BAG

- Please refer to temperature guidelines.
- Use "large bore" gravity drip bags to deliver whole food formulas.
- Typically the clamp on large bore tubing has to be fully open to use whole food formulas.
- To prime the bag, squeeze formula in bag until droplets appear at the end of the tip. This will allow formula to start dripping down the tubing.
- Our formulas have been tested and found to be free of microbial growth after 12 hours as long as they have not had anything added to them.