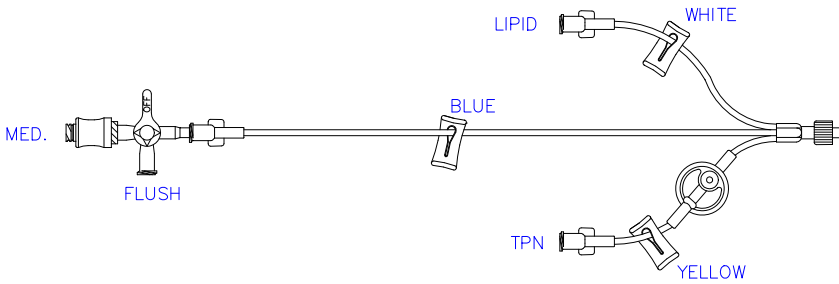


HR-004

Closed IV System for Deliver of TPN & Medications



Product Details:

Microbore tubing, 4-way largebore stopcock, female luer locks, non-removable slide clamps, 0.2 micron filter, rotating male luer lock, Needleless valve

Medication line approx. priming volume: 0.8 ml

Total approx. priming volume: 1.4 ml, 62" long

TPN line approx. priming volume: 0.4 ml

LIPID line approx. priming volume: 0.2ml

The HR-004 is designed as a closed IV systems to be used when delivering TPN (Total Perenteral Nutrition) and medications. The intention of this set is to reduce the number of touch contaminations that can occur in the NICU. By assembling all pieces together and adding the unique combination of stopcock and needleless valve to our IV medication tubing we have created an improved delivery system for your IV fluid administration.

Directions for Use:

Priming Set

1. Connect IV syringe with normal saline to needleless valve and prime to end of line.
2. Connect 10 cc syringe to open port of Stopcock and flush all air from line. There should be more than 9 cc of saline left in your flush syringe. Leave this syringe on the stopcock for future flushing of line.
3. You can either flush your TPN Line (Line with yellow slide clamp and .2 micron IV filter) with normal saline or connect directly to your TPN and flush with TPN.
4. You can either flush your Lipid Line (Line with white slide clamp) with normal saline or lipids.

Now that the set is primed, you are ready to connect HR-004 to patient.

Delivering Medications and Flushing IV Line

1. Always swab your needleless valve with alcohol and allow it to dry before accessing.
2. Connect your medication syringe to needleless valve.
3. Program your syringe pump and deliver medication.
4. Once medication has been delivered, turn stopcock off to patient and draw off .8-1.0 ml of flush from 10 cc flush syringe into your medication syringe.
5. Open stopcock to patient and off to flush syringe. Program syringe pump and deliver flush to patient. Leave medication syringe on syringe pump until next drug delivery.

Benefits of Set

1. Reduces the number of connections NICU nurses need to make when setting up and IV to deliver TPN and medications, there by reducing chance for infection.
2. By using the stopcock in combination with the 10 cc syringe of saline, the clinician can reduce the number of time the system is accessed by 50%.
3. Needleless valve keeps system closed even when the medication syringe is disconnected.
4. Use color coded clamps to reduce that chance of mixing up an IV line.
5. Use MedSafe connector that reduces priming volumes as well as minimizing the exposure of incompatible medications.
6. Saves hospital money by reducing the number of IV flush syringes used by up to 9 per day.

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