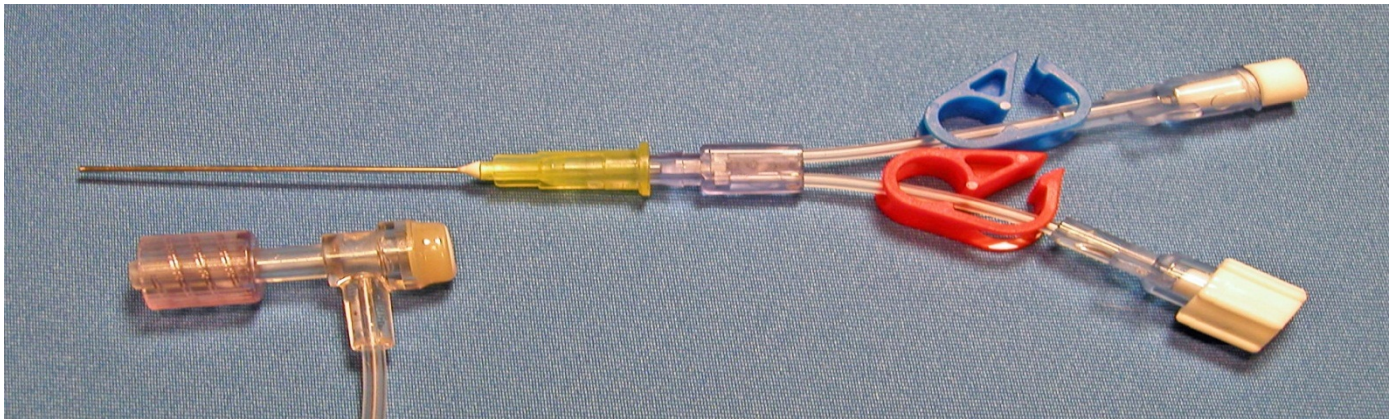


Hummingbird Med

"Micro Solutions" for the Neonate



Introducing the Hummi Micro-Draw



Hummi Micro-Draw Order # HMD001

A Micro-Solution for the Neonate That Significantly Improves Arterial Line Blood Sampling Techniques

IMPROVEMENTS FOR THE CLINICIAN

Ease of Use

- Reduces line setup time
- Split-septum T-connector is the only in-line device needed for arterial line access
- Eliminates need for flushing PAL lines
- Reduces number of line accesses for blood draw procedure to one
- Standardizes amount of blood waste for every PAL draw versus open drip method

Improves Line Maintenance

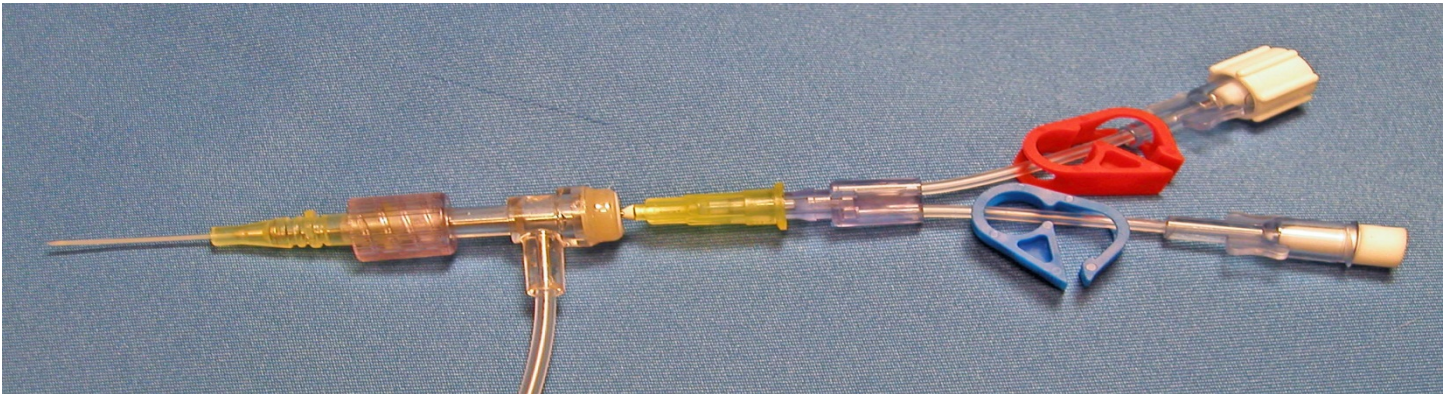
- Reduces added bulky components in the bed area used for closed arterial sampling
- Reduces trouble shooting by elimination of extra in-line components required for closed arterial blood sampling
- No impact on frequency response or wave form from added in-line components

Clinician Safety

- Minimizes blood exposure during blood sampling procedure
- The Hummi Micro-Draw device provides needleless access for blood sampling
- Eliminates open drip method for PAL arterial blood sampling

HUMMI MICRO-DRAW

A Micro-Solution for Neonatal Blood Sampling



A Closed System for the Transfer of an Arterial Blood Sample from a PAL or UAC Catheter to a Blood Collection Device

TECHNICAL SPECIFICATIONS

- | | |
|---|--------------------------------|
| ❖ Accepts Luer Lock / Luer Slip Devices | ❖ Access With Any Type Syringe |
| ❖ No Frequency Response Impact | ❖ Latex Free / Non-DEHP |
| ❖ No Wave Form Impact | ❖ Needleless Access Device |

Improvements for the Neonatal Patient with PAL Line

- Standardizes amount of waste/clearance blood to 0.15mL versus open drip method
- Maintains closed system access for drawing blood samples
- Eliminates open drip method of blood for PAL blood sampling
- Eliminates need for flushing PAL line after blood sampling
- PAL blood draw procedure done without positive or negative pressure applied to radial artery
- Fully disposable after single use
- Use only when needed. Eliminates excessive in-line closed blood draw kit costs
- Eliminates set-up time required for use of in-line for closed blood sampling systems

Improvements for the Neonatal Patient with UAC Line

- Maintains closed system access for drawing blood samples
- Reduces number of line access to one per blood draw
- Reduces clearance volume of blood/saline mix up to 75%
- Reduces umbilical line and catheter flush after blood draw up to 70%
- Fully disposable after single use
- Use only when needed. Eliminates excessive in-line closed blood draw kit costs
- Eliminates set-up time required for use of in-line for closed blood sampling systems



Neonatal Technology Developed From Bedside Experience Working With Neonatal Nurses

“Micro-Solutions” for the Neonate

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