



FACT:
500
thousand

premature &
underweight
babies born
each year in
the U.S.

Your heart
is in neonatology.
And so is ours.

 **Acacia**[®]
Neonatal
www.acacianeonatal.com

Acacia Neonatal
researches,
develops
and produces

innovative neonatal products
to improve and nurture the
lives of premature babies.

We are committed to the health of neonates and the dedicated medical professionals who care for them: the NICU staff.

**At Acacia Neonatal
we have three priorities:**

Reduce infection

**Provide the safest
enteral feeding**

**Increase medication
safety**



Acacia Neonatal

history

1989

Intopo tip:

Designed as an adaptor to convert standard I.V. syringes to enteral/oral syringes. FDA approval on June 13, 1989.

2007



Intopo syringe:

Began to “bond” the Intopo tips to BD syringe and sold as one unit, beginning October 2007.

2006



Intopo tip:

Updated design and changed to an orange color to match with orange enteral-only sets. Marketing began September, 2006.

2010



TwistLok Intopo Syringe:

Improvement on slip tip to prevent misconnections and disconnections, beginning March 2010.

Acacia Neonatal

history

beginning in

1989

2010



GraviFeed:

Created a gravity only feeding syringe with orange graduation and orange text to denote enteral-only in April 2010.

2011



1-piece design NuTrio syringes:

(NTL syringes) Changed to black color graduation, but kept orange text and orange color plunger based on user feedback, August 2011.

2011



Updated NuTrio GraviFeed:

(NGF syringe) Use the same NTL syringe barrel without a plunger, but with a snap-tight orange lid instead. This is a combo syringe. Can be used for standard pump feeding, gravity feeding and post feed venting. Introduced August 2011.

2012



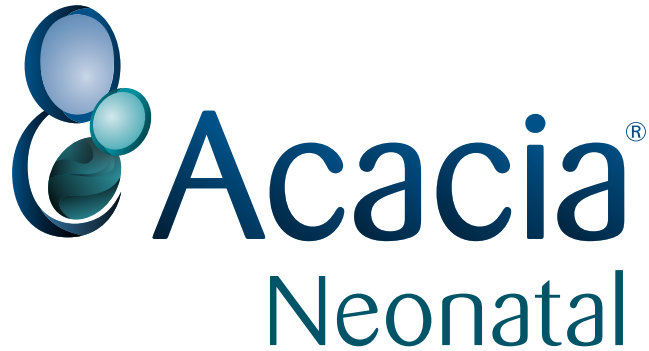
NuTrio SimpleFeed Infusor:

Enteral-only feeding infusor to improve enteral feeding safety.

Non-electric and cost-effective. Introduced April 2012.

Acacia Neonatal

focus products



Enteral Feeding



Medication Delivery



Blood Gas Sampling



Acacia Neonatal

enteral feeding

enteral feeding

NuTrio™ Enteral Feeding System Products

Creates a complete, locking feeding system

Syringes

1ml, 3ml, 5ml, 10ml,
20ml, 30ml, 60ml

GraviFeed syringes *(TwistLok and slip tip)*

10ml, 30ml, 60ml

Extension Sets

- 60", priming volume 1.3ml
- 60", priming volume 2.0ml

Extension Sets with Med Port

- 60", priming volume 1.7ml
- 60", priming volume 2.2ml

Feeding Tubes *(TwistLok and slip fit)*

- PVC
- Poly
- Silicone

NuTrio SimpleFeed Infusor

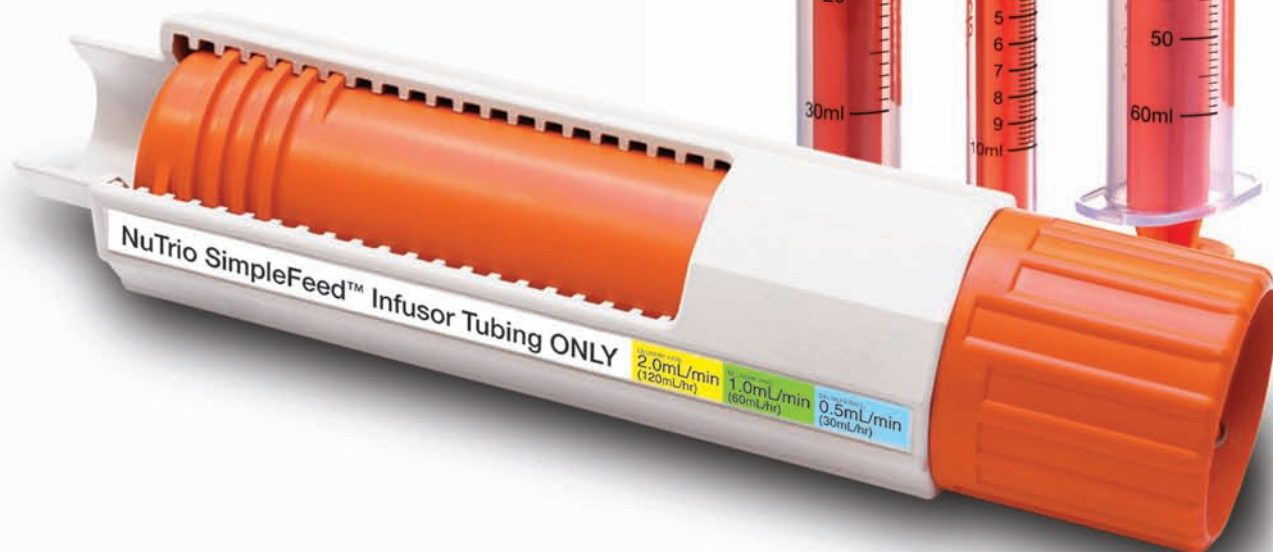
- Infusor
- Tubing
- Winder

Also available: G-Tube extension set, enteral straw (for feeding preparation), TwistLok cap and syringe lid (snap-tight lid for gravity feeding and venting)

NuTrio™ Enteral Feeding System

The world's only complete enteral feeding system

- Uses TwistLok connections to eliminate misconnections and disconnections
- Orange color for enteral feeding
- Complete, closed feeding system
- Follows all safety standards outlined by the JCAHO Sentinel Alert on enteral feeding



TwistLok™ Connection

Our TwistLok connection provides added safety

- Creates a secure, locking connection to prevent misconnections and disconnections
- Available on all Acacia Neonatal feeding tubes, extension sets and syringes

**Reduces
bacterial
contamination**

**Eliminates
misconnections
and
disconnections**

**Secure
connection
even when
wet**

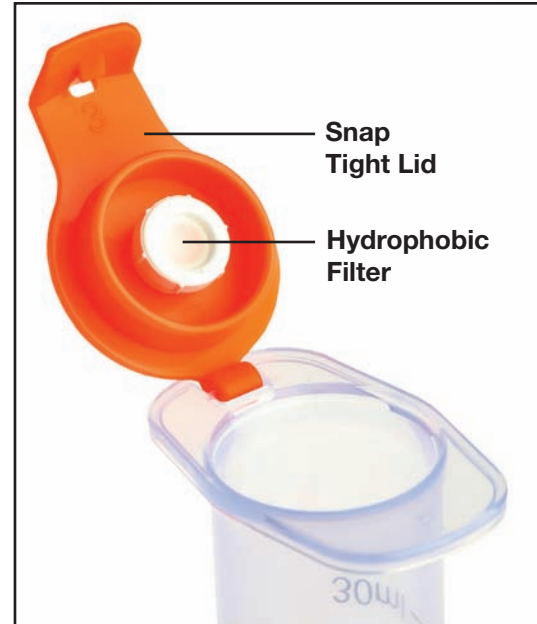
TwistLok
threads

Acacia
Neonatal
feeding
tube

NuTrio GraviFeed™ Syringe

The world's first gravity feeding specific syringe

- Snap-tight lid eliminates nutrient loss and accidental spills
- Hydrophobic filter allows airflow
- A mess-free venting solution



Closed to
airborne
particles

Prevents
spills

Eliminates
plunger
waste

NuTrio SimpleFeed™ Infusor

A non-electric, *enteral-only* feeding infusor

- Minimal training necessary
- Non-electric = no outlet needed
- Feeds 10ml - 60ml volume at 0.5ml, 1ml or 2ml per minute



Internal spring coil



Optional SimpleFeed Winder

No program updates required

Cost effective

Promotes enteral feeding safety

ABC Electric Enteral-Only Syringe Pump

For NICUs requiring programmable feeding pumps

- Easy to operate
- Perfect for continuous feeds
- Adjustable flow ranges



**Promotes
Enteral
Feeding
Safety**

**Sensors for
delivery
accuracy**

Acacia Neonatal

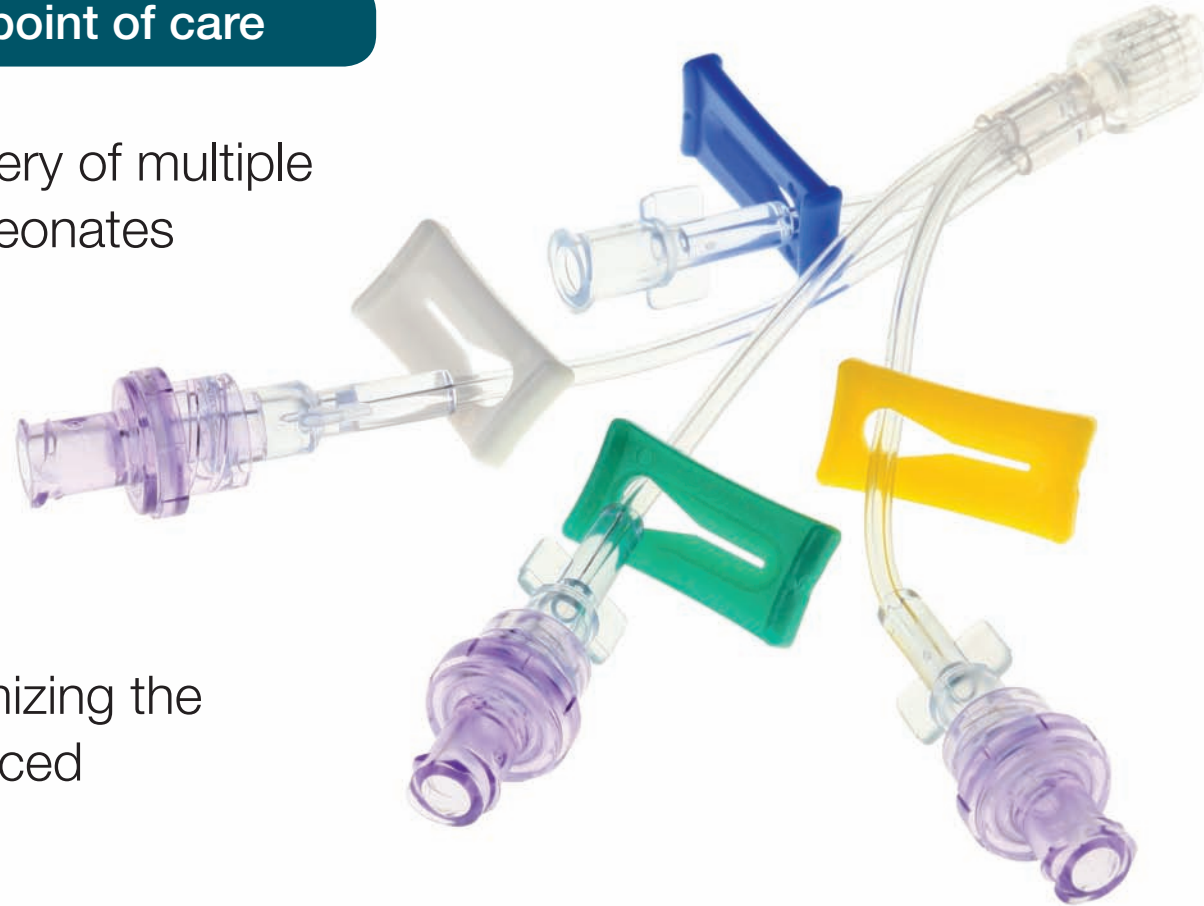
medication delivery

medication del

MedSafe™ and MultiAccess Sets

Improve medication safety at the point of care

- Designed for proper drug delivery of multiple small volume medications to neonates
- The connector has minimal dead space, reducing potential drug incompatibility in the fluid path
- Sets are pre-assembled, minimizing the need for additional sets = reduced touch contamination



Lightweight

**Color
coded**

**Low
priming
volumes**

**Cost
effective**

ClosedCare I.V. System[®]

Closed medication delivery to reduce infection

- Uses a pre-configured combination of needleless valves and stopcocks to create a closed system for medication, TPN and lipid delivery
- Minimal dead space design
- Reduces the number of connections to set up I.V. lines



**Needleless
valves
create closed
system**

**Reduces
infection**

**Fewer flush
syringes
needed**

Acacia Neonatal

blood gas sampling

blood gas sam

SafeSample™ Blood Sampling Set

A safer way for UAC blood gas sampling

- Allows for frequent blood gas sampling from a UAC, without unnecessary trauma to the newborn
- Sampling port and clearance port both use closed needleless valves
- No cannulas needed



**Closed
valve**

**Reduces
infection**

**Prevents
bacterial
colonization**

Acacia Neonatal

dedicated

dedicated to

We are proudly dedicated to
making the lives of neonates
healthier

with innovative neonatal products.

Over 20 years in the industry

Advanced health care designs

Safety-inspired neonatal products


Your heart
is in neonatology.

IMA
Independent Medical Associates

And so is ours.

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