

IMPROVE ENTERAL
SAFETY

NUTRIO ENTERAL FEEDING SYSTEM™


THE WORLD'S ONLY COMPLETE ENTERAL FEEDING SYSTEM

The NuTrio Enteral Feeding System is the most flexible system available today. Its unique design with snap-tight lid offers the ability to do closed gravity feeding, standard pump feeding and post-feed venting all with the same syringe.

This system also offers the largest assortment of extension sets, feeding tubes and enteral accessories to meet the needs of even the most demanding NICUs.

No other system on the market offers as many options for delivering enteral safety.



 **Acacia**[®]
Neonatal

NUTRIO

ENTERAL FEEDING SYSTEM

PRODUCT FEATURES & BENEFITS:

TwistLok™: A New Level in Designed Incompatibility

- The NuTrio Enteral Feeding System provides secure locking connections to eliminate misconceptions and disconnections.
- Introduces an additional safety feature requiring the user to consciously twist the hubs together in order for a connection to be made.
- The TwistLok hub stays connected even when wet or under tension, thereby, preventing the potential for accidental disconnections associated with standard slip tip connectors.
- TwistLok threads are designed to be exposed for easy cleaning without changing standard hospital procedure.
- Orange plunger for easy enteral only syringe identification.
- Barrel features large, easy to read scale in black ink.
- Follows all the safety standards as outlined by the JCAHO Sentinel Alert on enteral feeding.
- DEHP* Free and Latex Free.

* All Extension Sets, G-Tube Adapters, Enteral Straws and PVC Feeding Tubes are non-DEHP.



Printed Hub – Feeding tubes feature clearly marked French sizes right on hub.



Medication Port – Optional Y-port on the extension set improves infection control by taking advantage of frequent set change policies versus a medication port located on the feeding tube.



G-Tube Adapter for gastric feeding.



Enteral Straw for easier feeding preparation with new formula bottles.



Feeding Tubes – Available in all the popular materials including PVC, Polyurethane and Silicone.

Locking Connection

Unique TwistLok locking design is incompatible with I.V. luers while preventing dangerous misconnections and disconnections.



Transport and Warming

The TwistLok cap offers a secure fit for transportation between feeding preparation, bedside and warming without using a barrier. Works with male end of extension sets to keep the system closed when not in use.

Easy to Read

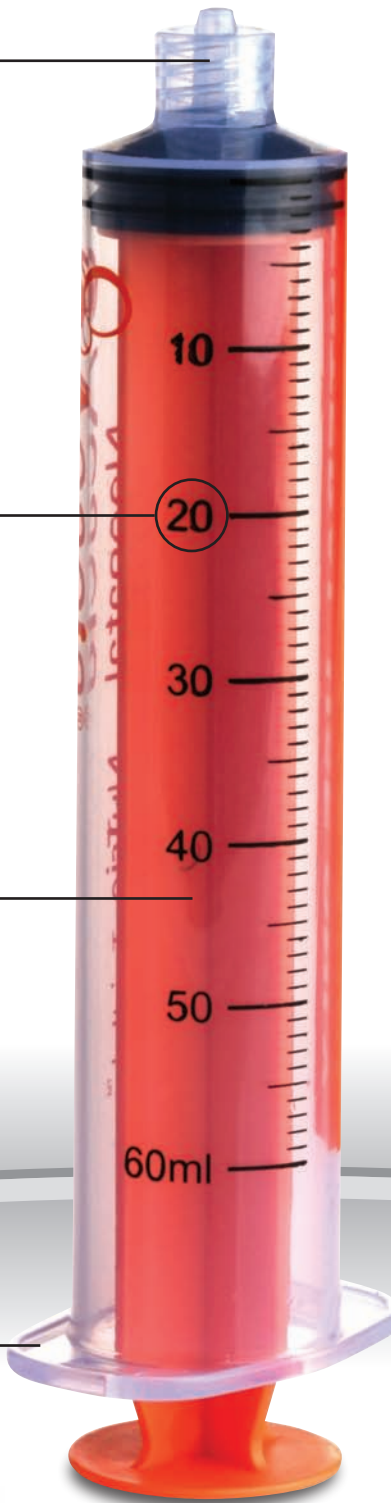
Large, highly visible number scale for low light environments found in the NICU.

Safety

The NuTrio Enteral Safety System is color coded orange for easy identification.

Easy to Use

Large flange is easy to handle and hang for gravity feeding.



NuTrio Syringes are available in 10ml, 30ml and 60ml sizes. Traditional BD TwistLok Syringes are available in 3ml, 5ml, 10ml, 20ml, 30ml and 60ml sizes.

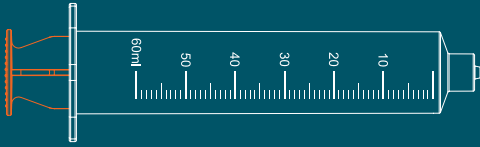


Pump Compatibility – Acacia Neonatal NuTrio syringes are compatible with most syringe pumps on the market.

Snap-Tight Lid

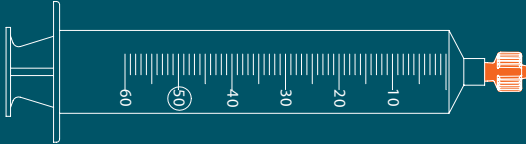
Vented cap design allows for gravity and pump feeding with the same syringe.





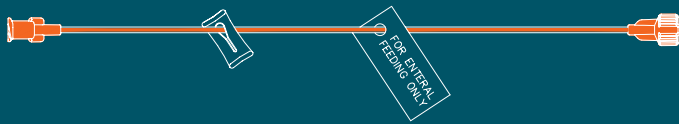
NuTrio TwistLok Syringes

CAT#	DESCRIPTION	100 BOX
NTL-10	NuTrio TwistLok 10ml Syringe	
NTL-30	NuTrio TwistLok 30ml Syringe	50 BOX
NTL-60	NuTrio TwistLok 60ml Syringe	



BD TwistLok Syringes

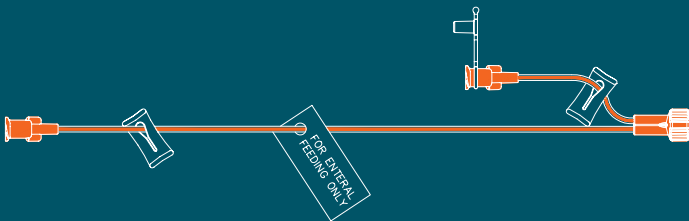
CAT#	DESCRIPTION	100 BOX
INT-01	BD Intopo (Slip Fit) 1ml Syringe	
TL-INT-03	BD TwistLok 3ml Syringe	
TL-INT-05	BD TwistLok 5ml Syringe	
TL-INT-10	BD TwistLok 10ml Syringe	
TL-INT-20	BD TwistLok 20ml Syringe	
TL-INT-30	BD TwistLok 30ml Syringe	50 BOX
TL-INT-60	BD TwistLok 60ml Syringe	



NuTrio TwistLok Extension Sets

TwistLok Female Adapter, Orange-Striped Minibore Tubing, Non-Removable Slide Clamp (White), Enteral Feeding Direction Tag, TwistLok Male Adapter

CAT#	LENGTH	PRIMING VOL.	100 BOX	NON-DEHP
TL-060-18	60"	1.3ml		
TL-060-182	60"	2.0ml		



NuTrio TwistLok Extension Sets with Medication Port

Two TwistLok Female Adapters, Orange-Striped Low-Volume Minibore Tubing, Two Non-Removable Slide Clamps (White), Medication Port, Non-Vented Plug, TwistLok Male Adapter

CAT#	LENGTH	PRIMING VOL.	100 BOX	NON-DEHP
TL-060-19	60"	1.7ml		
TL-060-192	60"	2.2ml		



NuTrio TwistLok PVC Feeding Tubes (For Use Up to 3 Days)

CAT#	SIZE	LENGTH	PRIMING VOL.
ENPV-16-50	5 French	16"	0.50ml
ENPV-16-65	6.5 French	16"	0.60ml
ENPV-16-80	8 French	16"	0.90ml
ENPV-36-50	5 French	36"	0.70ml
ENPV-36-65	6.5 French	36"	1.20ml
ENPV-42-80	8 French	42"	2.40ml

50 BOX NON-DEHP



NuTrio TwistLok Silicone Feeding Tubes (For Use Up to 30 Days)

CAT#	SIZE	LENGTH	PRIMING VOL.
ENSI-40-50	5 French	40cm	0.30ml
ENSI-60-50	5 French	60cm	0.50ml
ENSI-90-50	5 French	90cm	0.60ml
ENSI-40-65	6.5 French	40cm	0.50ml
ENSI-60-65	6.5 French	60cm	0.60ml
ENSI-90-65	6.5 French	90cm	0.90ml
ENSI-40-80	8 French	40cm	0.70ml
ENSI-60-80	8 French	60cm	1.00ml
ENSI-90-80	8 French	90cm	1.50ml

10 BOX



NuTrio TwistLok Polyurethane Feeding Tubes (For Use Up to 30 Days)

CAT#	SIZE	LENGTH	PRIMING VOL.
ENPU-16-50	5 French	16"	0.30ml
ENPU-20-50	5 French	20"	0.40ml
ENPU-36-50	5 French	36"	0.80ml
ENPU-16-65	6.5 French	16"	0.55ml
ENPU-20-65	6.5 French	20"	0.80ml
ENPU-36-65	6.5 French	36"	1.20ml
ENPU-16-80	8 French	16"	0.65ml
ENPU-20-80	8 French	20"	1.20ml
ENPU-42-80	8 French	42"	2.40ml
ENPU-42-100	10 French	42"	4.00ml

10 BOX



NuTrio G-Tube Extension Set For Gastric Feeding

TwistLok Oral Female Adapter, Pinch Clamp, Enteral Feeding Direction Tag, Orange Enteral Connector

CAT#	LENGTH	PRIMING VOL.
TL-002	12"	1.20ml
TL-002Y (med. port)*	12"	1.60ml

50 BOX NON-DEHP

*Build To Order Item, Minimums Orders Apply



TwistLok Enteral Straw (For Feeding Preparation)

TwistLok Oral Female Adapter, Orange-Striped Standard Bore Tubing

CAT#	LENGTH	PRIMING VOL.
TL-001	5"	0.40ml

100 BOX NON-DEHP



TwistLok Cap

CAT#	DESCRIPTION
TL-CAP	NuTrio TwistLok Non-Vented Cap

50 BOX



Syringe Lid

CAT#	DESCRIPTION
LID-10	GraviFeed 10ml Lid
LID-30	GraviFeed 30ml Lid
LID-60	GraviFeed 60ml Lid

25 BOX

NUTRIO

GRAVITY FEEDING SYRINGE

GRAVIFEED™: THE WORLD'S FIRST GRAVITY FEEDING SPECIFIC SYRINGE

Eliminate waste and save money while improving safety with the GraviFeed gravity feeding syringe.

PRODUCT FEATURES & BENEFITS:

- Built in TwistLok feature prevents accidental disengagement and dangerous misconnections between the feeding tube and GraviFeed syringe.
- Snap-tight sealable lid prevents exposure to airborne particulates or contamination and the unnecessary loss of precious milk or formula.
- Reusable primer effortlessly creates positive pressure and eliminates the need for a plunger, which saves the hospital money.
- An easier way to deliver gravity feeding without the push and pull associated with a traditional plunger.
- Hydrophobic filter built into the lid allows air to pass through without letting enteral fluid leak out, making the GraviFeed a perfect solution for post feed venting.
- Non-DEHP, Latex Free.





Traditional Venting

GraviFeed Venting

Perfect for Venting – Venting with GraviFeed is as simple as snapping the lid closed. No gauze or hanging necessary.



Less Waste – GraviFeed utilizes a reusable primer to create positive pressure to initiate flow. This method eliminates waste because an expensive single use syringe plunger is not being thrown away with every feed. An optional single use plunger is available for hospitals not interested in switching to the reusable primer.

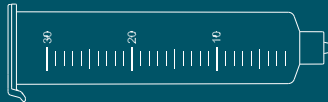
ORDERING INFORMATION

CAT. NO. DESCRIPTION



100 BOX

GF-10 GraviFeed 10ml Syringe



50 BOX

NGF-30 GraviFeed 30ml Syringe



50 BOX

NGF-60 GraviFeed 60ml Syringe



50 BOX

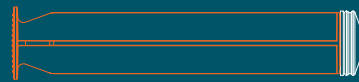
NGF-30ST GraviFeed 30ml Syringe (Slip Tip)



50 BOX

NGF-60ST GraviFeed 60ml Syringe (Slip Tip)

CAT. NO. DESCRIPTION



25 BOX

PLG-10 NuTrio 10ml Plunger
 PLG-30 NuTrio 30ml Plunger
 PLG-60 NuTrio 60ml Plunger



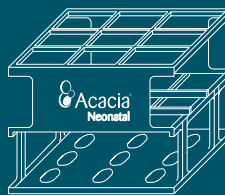
10 BOX

GF-001 GraviFeed Plunger
 (For use with GF-30 and GF-60)



10 BOX

GF-002 GraviFeed Primer
 GF-002L Large GraviFeed Primer



1 EACH

GF-003 GraviFeed Rack

Joint Commission Recommendations

Risk reduction strategies taken from the Sentinel Event Alert from the Joint Commission Website:
www.jointcommission.org, Issue 36 - April 3, 2006

Tubing misconnections—A Persistent and Potentially Deadly Occurrence

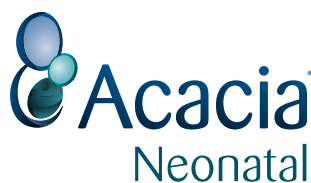
According to Jim Keller, Vice President, Health Technology Evaluation and Safety for ECRI, and Stephanie Joseph, project engineer for ECRI, **the solution to reducing even eliminating misconnection errors lies in both engineering controls respecting how products and devices are designed (incompatibility by design),** and in re-engineering work practices.

“A well-designed device should prevent misconnections and should prompt the user to take the correct action,” explains Joseph, author of a guidance article published in the March 2006 issue of ECRI’s Health Devices journal.

As a first step in prevention, Joseph urges hospitals to avoid buying non-intravenous equipment (such as nebulizers, NIBP devices, and enteral feeding sets) that can mate with the luer connectors on patient IV lines.

The Joint Commission offers the following recommendations and strategies to health care organizations to reduce tubing misconnection errors:

- 1. Do not purchase non-intravenous equipment that is equipped with connectors that can physically mate with a female luer IV line connector.**
- 2. Conduct acceptance testing (for performance, safety and usability) and, as appropriate, risk assessment (e.g., failure mode and effect analysis) on new tubing and catheter purchases to identify the potential for misconnections and take appropriate preventive measures.**
3. Always trace a tube or catheter from the patient to the point of origin before connecting any new device or infusion.
4. Recheck connections and trace all patient tubes and catheters to their sources upon the patient’s arrival to a new setting or service as part of the hand-off process. Standardize this line reconciliation process.
5. Route tubes and catheters having different purposes in different, standardized directions (e.g., IV lines routed toward the head; enteric lines toward the feet). This is especially important in the care of neonates.
6. Inform non-clinical staff, patients and their families that they must get help from clinical staff whenever there is a real or perceived need to connect or disconnect devices or infusions.
7. For certain high-risk catheters (e.g., epidural, intrathecal, arterial), label the catheter and do not use catheters that have injection ports.
- 8. Never use a standard luer syringe for oral medications or enteric feedings.**
9. Emphasize the risk of tubing misconnections in orientation and training curricula.
- 10. Identify and manage conditions and practices that may contribute to health care worker fatigue, and take appropriate action. In addition, the Joint Commission urges product manufacturers to implement designed incompatibility, as appropriate, to prevent dangerous misconnections of tubes and catheters.**



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GraviFeed Patent Pending.