



Nutrition Delivery

Product Guide



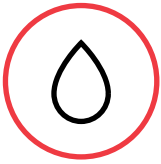


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Kangaroo™ Enteral Feeding Pumps



Water is vital

for tube fed patients. It is an essential nutrient for life. Tube fed patients rely on water flushes to maintain hydration and tube patency. The clinical consequences of dehydration can be significant, leading to increased healthcare costs and prolonged hospitalisation.¹

Dehydration can be a serious risk for long-term tube-fed patients.² The free water content of enteral feeds ranges from 70-85% of total volume. Therefore enteral feed alone may not provide enough fluid or free water.³ Furthermore, factors such as age, fever or open draining wounds can increase the volume of water a patient needs to maintain a positive fluid balance.

In 2008, the Agency for Healthcare Research and Quality estimated the annual costs of hospital charges related to dehydration to be approximately US \$1.6 billion.⁴

In Australia the Australian Institute of Health and Welfare (AIHW) reports that dehydration/volume depletion is one of the 20 most common hospital acquired diagnosis.⁵

Clogged feeding tubes are a common challenge occurring in as many as 35% of tube fed patients.⁶

Consequences include delayed delivery of nutrition and hydration, as well as increased resources to unclog or replace the tube.

Pump Comparison

Pump Specifications	Kangaroo™ ePump™ - 482400J	Kangaroo™ Joey - 383400	Kangaroo™ Connect - 584400
Programming modes	Continuous or intermittent	Continuous or intermittent	Continuous or intermittent
Feed delivery rate	1-400ml/hr in 1ml increments	1-400ml/hr in 1ml increments	1-600ml/hr in 1ml increments
Feed dose (VTBD)	1-3000ml in 1ml increments	1-3000ml in 1ml increments	1-3000ml in 1ml increments
Flush/hydration volume	10-500ml in 1ml increments	10-500ml in 1ml increments	N/A
Flush/hydration interval range	1-24 hours in 1 hour intervals	1-24 hours in 1 hour intervals	N/A
Bolus rate	1-400ml/hr in 1ml increments	1-400ml/hr in 1ml increments	1-600ml/hr in 1ml increments
Bolus volume	1-3000ml in 1ml increments	1-3000 ml in 1ml increments	1-3000ml in 1ml increments
Bolus intervals	1-24 hours in 1 hour intervals	1-24 hours in 1 hour intervals	1-24 hours in 1 hour intervals
Number of boluses	1-99	1-99	1-99
Accuracy	+/- 10% or 0.5ml whichever is greater	+/- 7% or 0.5ml whichever is greater	+/- 5% or 0.5ml whichever is greater
Battery	15 hours (at 125ml/hr)	18 hours (at 125ml/hr)	24 hours (at 125ml/hr)
Weight	1.1kg (without pole clamp)	0.77kg (without pole clamp)	0.33kg (without pole clamp)
Dimensions (HxWxD)	16.8 x 16.3 x 11.7cm	10.4 x 13 x 9.1cm	9.9 x 15.4 x 4cm

References:

- 1 Campbell, N. Dehydration: why is it still a problem? Nursing Times. 2011; 107(22): 12-15
- 2 Dickerson, R.N., Brown, R.O. Long-term enteral nutrition support and the risk of dehydration. Nutrition in Clinical Practice. 2005; 20(6):646-53
- 3 Guenter, P. Enteral Nutrition and Hydration in Long Term Care. Safe Practices in Patient Care. 2010; 1(3): 1-6
- 4 Agency for Healthcare Research and Quality. (2008). H-CUPnet: National and regional estimates on hospital use for all patients from the HCUP nationwide inpatient sample (NIS). Retrieved December 13, 2010.
- 5 Australian Institute of Health and Welfare, Admitted patient care 2014-2015 Australian hospital statistics. Canberra 2016.
- 6 Brantley S, Guenter P, Lord L, McGinnis C, Pash E. Maintaining Hydration and Tube Patency in Enteral Tube Feedings. Safe Practices. Vol. 5, No. 2.

Feed and Flush Enteral Feeding Technology

The enteral route can be a simple and cost-effective option for providing additional water for many patients. The Cardinal **Kangaroo™ ePump™** and **Kangaroo™ Joey** Enteral Feeding Pumps can be programmed to deliver the optimal amount of nutrition and pre-programmed hydration, helping to ensure patients stay well-nourished and hydrated.

Kangaroo™ ePump

When patients require nutrition, flushing and hydration, the **Kangaroo™ ePump** enteral feeding pump offers continuous and intermittent feed and flush in one compact, easy-to-use device.

Kangaroo™ ePump for hospital and long term care facilities:

- Fully programmable variable feed and flush pump
- Orientation independent
- ATM style interface
- 72 hour feeding history
- 15 Languages
- Auto-prime capabilities
- Weight: 1.1kg
- Accuracy: +/- 10%
- Battery life: 15 hrs

482400J



Ordering Information

Kangaroo™ ePump

Code	Description	Qty
482400J	Kangaroo™ ePump Enteral Feeding Pump with Pole Clamp	1
382491	Kangaroo™ ePump Power Adaptor	1
382492	Kangaroo™ ePump Pole Clamp	1
1054715	Kangaroo™ ePump Battery Pack	1
382493	Kangaroo™ ePump / Joey Plug Attachment Set	1
776150	Kangaroo™ Recertification Set 100ml Burette	5

Accessories

Code	Description	Qty
1814340236	Kangaroo Infusion Pump Stand	1

Kangaroo™ Joey

A flushing and hydrating ambulatory device, the **Kangaroo™ Joey** feeding pump can be programmed to deliver the optimal amount of nutrition and pre-programmed hydration, helping to ensure patients stay well-nourished and perfectly hydrated, while enabling freedom and mobility.

Kangaroo™ Joey for use at home and on the go:

- Fully programmable variable feed and flush pump
- Orientation independent
- ATM style interface
- 72 hour feeding history
- 15 Languages
- Auto-prime capabilities
- Shock and water resistant
- Weight: 770gm
- Accuracy: +/- 7%
- Battery life: 18 hrs

383400



Ordering Information

Kangaroo™ Joey

Code	Description	Qty
383400	Kangaroo™ Joey Enteral Feeding Pump with Pole Clamp	1
383491	Kangaroo™ Joey Power Adaptor	1
383493	Kangaroo™ Joey Pole Clamp	1
F010506	Kangaroo™ Joey Battery Pack	1
382493	Kangaroo™ Joey / ePump Plug Attachment Set	1
776150	Kangaroo™ Recertification Set 100ml Burette	5

Kangaroo™ Joey Backpacks

Code	Description	Qty
770026	Kangaroo™ Joey Mini Backpack - Blue	1
770028	Kangaroo™ Joey Super Mini Backpack - Blue	1
770034	Kangaroo™ Joey Mini Backpack - Pink	1
770029	Kangaroo™ Joey Super Mini Backpack - Pink	1

Accessories

Code	Description	Qty
1814340236	Kangaroo Infusion Pump Stand	1

Feed Only Enteral Feeding Technology

The **Kangaroo™ Connect** enteral feeding pump is a feed only portable, rotary peristaltic enteral feeding pump. It can be programmed to provide patients with continuous, dose, or bolus feeding when used with Kangaroo™ Connect feeding sets.



Kangaroo™ Connect

Designed for use in both stationary and ambulatory conditions, the **Kangaroo™ Connect** pump is suitable for use by both adult and paediatric patients, and has been designed for use with thicker formulas.

The Kangaroo™ Connect is waterproof to **industry standard IP26 (IPX6)** enabling easier cleaning. On site certification is possible and all notifications and troubleshooting messages are provided on a full colour screen. The pump includes easy-to-use clip-in cassette feeding sets and a portable easy release pole clamp.

Kangaroo™ Connect for use at home and on the go:

- Fully programmable feeding pump
- Orientation independent
- Large, ATM style interface
- 72 hour feeding history
- 15 Languages
- Auto-prime capabilities
- Weight: 330gm
- Accuracy: +/- 5%
- Battery life: 24 hrs



Ordering Information

Kangaroo™ Connect

Code	Description	Qty
584400	Kangaroo™ Connect Enteral Feeding Pump with Pole Clamp	1
584491	Kangaroo™ Connect Power Cord	1
384492	Kangaroo™ Connect Pole Clamp	1
384494	Kangaroo™ Connect Car Charger	1

Kangaroo™ Joey Backpacks

Code	Description	Qty
770035S	Kangaroo Connect Backpack Purple Small	1
770035M	Kangaroo Connect Backpack Purple Medium	1
770037S	Kangaroo Connect Backpack Black Small	1
770037M	Kangaroo Connect Backpack Black Medium	1

Accessories

Code	Description	Qty
1814340236	Kangaroo Infusion Pump Stand	1

Kangaroo™ Feeding Sets: Compatibility Chart

Kangaroo™ Feeding Sets are manufactured with ENFit™ connectors, ensuring compatibility with **ISO standard 80369-3** and reducing the risk of medical device tubing misconnections. Kangaroo™ Feeding Sets are **DEHP free** and include anti-free-flow valves to prevent the backflow of feed in the tube.

They are available with the following options:

- Feed only or feed and flush
- Sterile or non-sterile
- With or without medication ports
- With or without 3-in-1 connectors, ensuring that sets are compatible with all feeds



Ordering Information

Kangaroo™ Ready to Hang Feeding Sets

Product Description	Product Codes (all ENFit™)				Case Qty	ENPlus Feed Compatible	Screw/Bottle Cap Compatible
	Kangaroo™ ePump	Kangaroo™ Joey	Kangaroo™ Connect	Kangaroo™ 924			
Kangaroo™ 3-in-1 feed only set with inline medication port (sterile)	777403	777503	-	777603	30	✓	✓
Kangaroo™ 3-in-1 feed & flush set with inline medication port (sterile)	777406	777506	-	-	36	✓	✓
Kangaroo™ feed only set with inline medication port (sterile)	777401	777501	970000FD	-	30	✓	✗
Kangaroo™ feed & flush set with inline medication port (sterile)	777405	777505	-	-	30	✓	✗
Kangaroo™ feed only set with no inline medication port (non-sterile)	775659	765559	77000FD	775759	30	✓	✗
Kangaroo™ feed & flush set with no inline medication port (non-sterile)	775100	765100	-	-	30	✓	✗
Kangaroo™ 3-in-1 adapter (sterile)	1814717995				50	Combine with non 3-in-1 feeding set codes for screw/bottle cap feed compatibility	



778104

Ordering Information

Kangaroo™ Vinyl Decant Feeding Sets

Product Description	Product Codes (All ENFit™)				Case Qty
	Kangaroo™ ePump	Kangaroo™ Joey	Kangaroo™ Connect	Kangaroo™ 924	
Feed Only					
Kangaroo™ 1600ml feed set with inline medication port (sterile)	-	-	97160FD	-	30
Kangaroo™ 1000ml feed set with no inline medication port (non-sterile)	673656	763656	77100FD	673622	30
Kangaroo™ 1000ml feed set with inline medication port (sterile)	777106	666106-	971000FD	777100	30
Kangaroo™ 500ml feed set with no inline medication port (non-sterile)	672055	762055	77500FD	-	30
Kangaroo™ 500ml feed set with inline medication port (sterile)	-	-	970500FD	-	30
Feed and Flush					
Kangaroo™ 1000ml feed & 1000ml flush bag set with no inline medication port (non-sterile)	673662	763662	-	-	30
Kangaroo™ 1000ml feed & 1000ml flush bag set with inline medication port (sterile)	778104	-	-	-	30
Gravity Feeding Set					
Kangaroo™ 1000ml bag gravity set with no inline medication port (non-sterile)	702520	-	-	-	30





Kangaroo™ Naso-gastric and Naso-jejunal Feeding Tubes

Kangaroo™ Naso-gastric Feeding Tubes are manufactured from a high quality polyurethane material or from PVC. The benefit of polyurethane is that it provides enhanced flow due to thinner luminal walls. It also enhances patient comfort due to the material softening up to 40% after tube placement.

Kangaroo™ Naso-jejunal Feeding Tubes are also manufactured from polyurethane and are placed into the small bowel by endoscopic, radiologic or surgical methods. They are suitable for jejunal feeding and / or gastric decompression.

Kangaroo™ Weighted Feeding Tubes

This **weighted polyurethane feeding tube** is designed for naso-gastric and naso-duodenal feeding with a slim, light weighted tip for ease of insertion.

- Y-port ENFit™ connectors reduce risk of tubing misconnections
- Purple colour denotes enteral feeding
- Weighted feeding tubes with and without flow-through stylets
- Hydromer coated tip and internal lumen
- Radiopaque polyurethane material
- CM markings
- MRI conditional once stylet is removed
- DEHP-free
- Non-sterile



Ordering Information

Kangaroo™ Naso-gastric Feeding Tube, Weighted Tip with Stylet

Non-ENFit Code	ENFit Code	Description	Fr Size	Length	Pack Size
8884720825	8884720825E	3g Weighted Tip, Rigid Port, Stylet	8	90cm	10
8884720858	8884720858E	3g Weighted Tip, Rigid Port, Stylet	8	109cm	10
8884721088	8884721088E	5g Weighted Tip, Rigid Port, Stylet	10	109cm	10
N/A	8884721055E	5g Weighted Tip, Rigid Port, Stylet	10	140cm	10
8884721252	8884721252E	5g Weighted Tip, Rigid Port, Stylet	12	109cm	10
N/A	8884721255E	5g Weighted Tip, Rigid Port, Stylet	12	140cm	10

Kangaroo™ Naso-gastric Feeding Tube, Weighted Tip without Stylet

Non-ENFit Code	ENFit Code	Description	Fr Size	Length	Pack Size
8884720817	8884720817E	3g Weighted Tip, Rigid Port, No Stylet	8	90cm	10
8884720841	8884720841E	3g Weighted Tip, Rigid Port, No Stylet	8	109cm	10
8884721096	8884721096E	5g Weighted Tip, Rigid Port, No Stylet	10	109cm	10
8884721211	8884721211E	5g Weighted Tip, Rigid Port, No Stylet	12	90cm	10
8884721237	8884721237E	5g Weighted Tip, Rigid Port, No Stylet	12	109cm	10

Kangaroo™ Weighted Feeding Tubes with Dobbhoff Tip

The original **tungsten weighted polyurethane feeding tube** designed for naso-gastric and naso-duodenal feeding. Large bolus tip facilitates passage and helps maintain placement.

- Y-port ENFit™ connectors reduce risk of tubing misconnections
- Purple colour denotes enteral feeding
- Weighted feeding tubes with and without flow-through stylets
- Radiopaque polyurethane material
- Hydromer coated tip and internal lumen
- CM markings
- MRI conditional once stylet is removed
- DEHP-free
- Non-sterile



Ordering Information

Kangaroo™ Naso-gastric Feeding Tube, Weighted Dobbhoff™ Tip with Stylet

Non-ENFit Code	ENFit Code	Description	Fr Size	Length	Pack Size
8884710867	8884710867E	5g Weighted Dobbhoff™ Tip, Rigid Port, Stylet	8	109cm	10
8884710859	8884710859E	7g Weighted Dobbhoff™ Tip, Rigid Port, Stylet	8	109cm	10
8884710826	8884710826E	7g Weighted Dobbhoff™ Tip, Rigid Port, Stylet	8	140cm	10
8884711006	8884711006E	7g Weighted Dobbhoff™ Tip, Rigid Port, Stylet	10	109cm	10
8884711253	8884711253E	7g Weighted Dobbhoff™ Tip, Rigid Port, Stylet	12	109cm	10

Kangaroo™ Naso-gastric Feeding Tube, Weighted Dobbhoff™ Tip without Stylet

Non-ENFit Code	ENFit Code	Description	Fr Size	Length	Pack Size
8884710842	8884710842E	7g Weighted Dobbhoff™ Tip, Rigid Port, No Stylet	8	109cm	10
8884711246	8884711246E	7g Weighted Dobbhoff™ Tip, Rigid Port, No Stylet	12	109cm	10

Kangaroo™ Neonatal AND Paediatric Polyurethane and PVC Feeding Tubes - Non Weighted

Kangaroo™ polyurethane and PVC feeding tubes for neonates and paediatric patients are manufactured with ENFit™ connectors to reduce the risk of accidental connection or infusion.

- ENFit™ connectors reduce risk of tubing misconnections
- Purple colour denotes enteral feeding
- Transparent tube with purple radiopaque Sentinel Line™ with Sentinel Eye™
- CM depth markings to 25cm
- DEHP-free
- Sterile



461420E

Ordering Information

Kangaroo™ Neonatal and Paediatric Feeding Tubes - Polyurethane

Non-ENFit Code	ENFit Code	Description	Qty
461355	461355E	3.5Fr, 31cm length with 1cm depth markings	10
461412	461412E	5Fr, 50cm length with 1cm depth markings	10
461503	461503E	5Fr, 90cm length with 1cm depth markings	10
461420	461420E	6.5Fr, 50cm length with 1cm depth markings	10
461438	461438E	6.5Fr, 90cm length with 1cm depth markings	10
N/A	461701E	8Fr, 50cm length with 1cm depth markings	10
461800	461800E	8Fr, 107cm length with 1cm depth markings	10
N/A	461042E	10Fr, 107cm length with 1cm depth markings	10



461701E

Argyle™ Neonatal and Paediatric Feeding Tubes - PVC

Non-ENFit Code	ENFit Code	Description	Qty
461206	461206E	3.5Fr, 30cm length with 1cm depth markings	10
460802	460802E	5Fr, 38cm length with 1cm depth markings	50
461008	461008E	5Fr, 90cm length with 1cm depth markings	50
N/A	460711E	6.5Fr, 41cm length with 1cm depth markings	50
460604	460604E	8Fr, 38cm length with 1cm depth markings	50
460406-	460406E	8Fr, 107cm length with 1cm depth markings	50
460208	460208E	10Fr, 107cm length with 1cm depth markings	50



461206E

Kangaroo™ Extension Sets

Kangaroo™ Extension Sets are available with or without a bifurcated medication port. The bifurcated set provides a second port for irrigation and medicine delivery, preventing the clinician from having to disconnect the extension set.

- ENFit™ connectors reduce risk of tubing misconnections
- PVC tubing
- With or without bifurcation medication port
- DEHP-free
- Latex-free
- Non-sterile



60ENS



60ENY

Ordering Information

Kangaroo™ Extension Sets

Non-ENFit Code	ENFit Code	Description	Qty
60ES	60ENS	152cm small bore enteral/oral feeding extension set	50
60EY	60ENY	152cm bifurcated small bore enteral/oral feeding extension set	50
35ES	35ENS	89cm small bore enteral/oral feeding extension set	50
35EY	35ENY	89cm bifurcated small bore enteral/oral feeding extension set	50

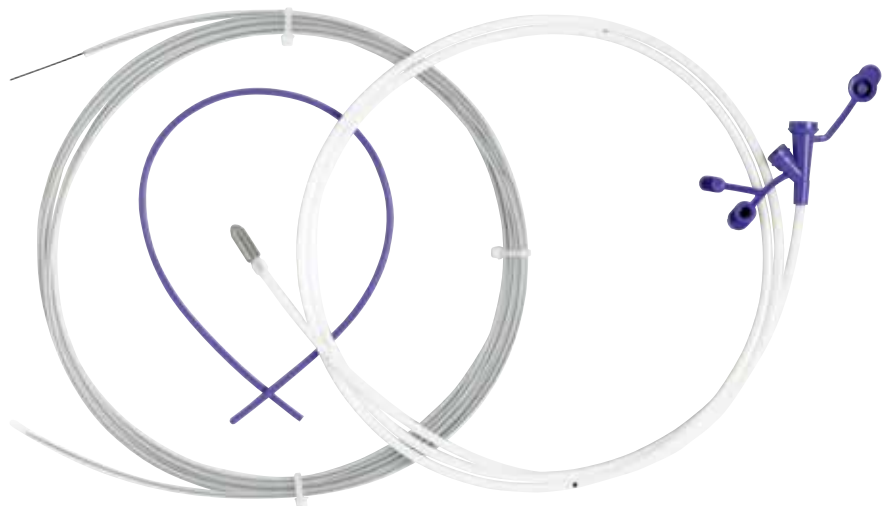
Kangaroo™ Weighted Naso-Jejunal Feeding Tube

The **Kangaroo™ naso-jejunal** feeding tube is optimal for those patients who need short term jejunal feeding, fluid management, and medicine delivery. The durable radiopaque polyurethane material allows for enhanced flow and reduces the risk of clogging.

- ENFit™ connectors reduce risk of tubing misconnections
- Designed for precision placement in the small bowel using either endoscopy and/or fluoroscopy (includes guidewire and transfer cannula)
- Hollow bolus weighted tip
- Hydromer™* coated inner lumen
- Oral-nasal transfer cannula
- MRI conditional once guidewire is removed
- Non-sterile

Kit includes:

- 1 x Kangaroo™ naso-jejunal feeding tube
- 1 x Guidewire
- 1 x Jejunal transfer cannula



Ordering Information

Kangaroo™ Naso-Jejunal Feeding Tube

Non-ENFit Code	ENFit Code	Description	Qty
8884752505	8884752505E	12Fr, 150cm, 7g	2

Kangaroo™ Naso-Jejunal Feeding and Gastric Decompression Tube

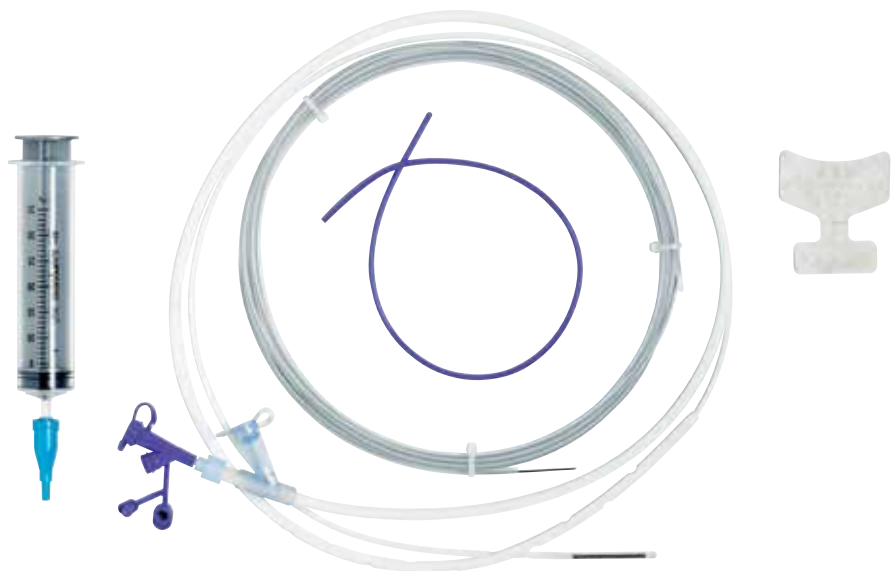
The **Kangaroo™ naso-jejunal feeding and gastric decompression tube** is a dual purpose tube that is enhanced for patients who require short term gastric decompression and jejunal feeding/medicating. The outer lumen is a 97cm 16Fr radiopaque polyurethane tube with 10 suction holes that will suction and decompress the stomach through the port marked "suction". The jejunal tube is 9Fr by 170cm long and incorporates a 3gm tungsten steel weight and 4 spiral exit holes at the distal tip to facilitate smooth flow and reduce the risk of clogging.

- ENFit™ connectors reduce risk of tubing misconnections
- Designed for "push" insertion over guidewire (kit included)
- Adjustable length feeding tube design
- Spiral feeding outlet holes
- Jejunal tube can be retracted within gastric portion

- Hydromer™^{TM*} coated inner lumen
- Oral-nasal transfer cannula
- MRI conditional once guidewire is removed
- Non-sterile

Kit includes:

- 1 x Kangaroo™ naso-jejunal feeding and gastric decompression tube
- 1 x 35cc syringe with blue adapter
- 1 x Guidewire
- 1 x Jejunal transfer cannula
- 1 x Nasal securement device



Ordering Information

Kangaroo™ Naso-Jejunal Feeding and Gastric Decompression Tube

Non-ENFit Code	ENFit Code	Description	Qty
8884752513	8884752513E	16Fr, 97cm Gastric Section 9Fr, 170cm with 3g weight	2





Kangaroo™ Feeding Tubes with IRIS Technology

The first disposable feeding tube with an **Integrated Real-time Imaging System (IRIS)** to visually aid in the placement of small-bore feeding tubes.

Kangaroo™ Feeding Tube with IRIS Technology

The first disposable feeding tube with an **Integrated Real-time Imaging System (IRIS)** to visually aid in the placement of small-bore feeding tubes.

Features a camera integrated with a small-bore feeding tube to allow clinicians to identify anatomical markers during the placement of the tube.

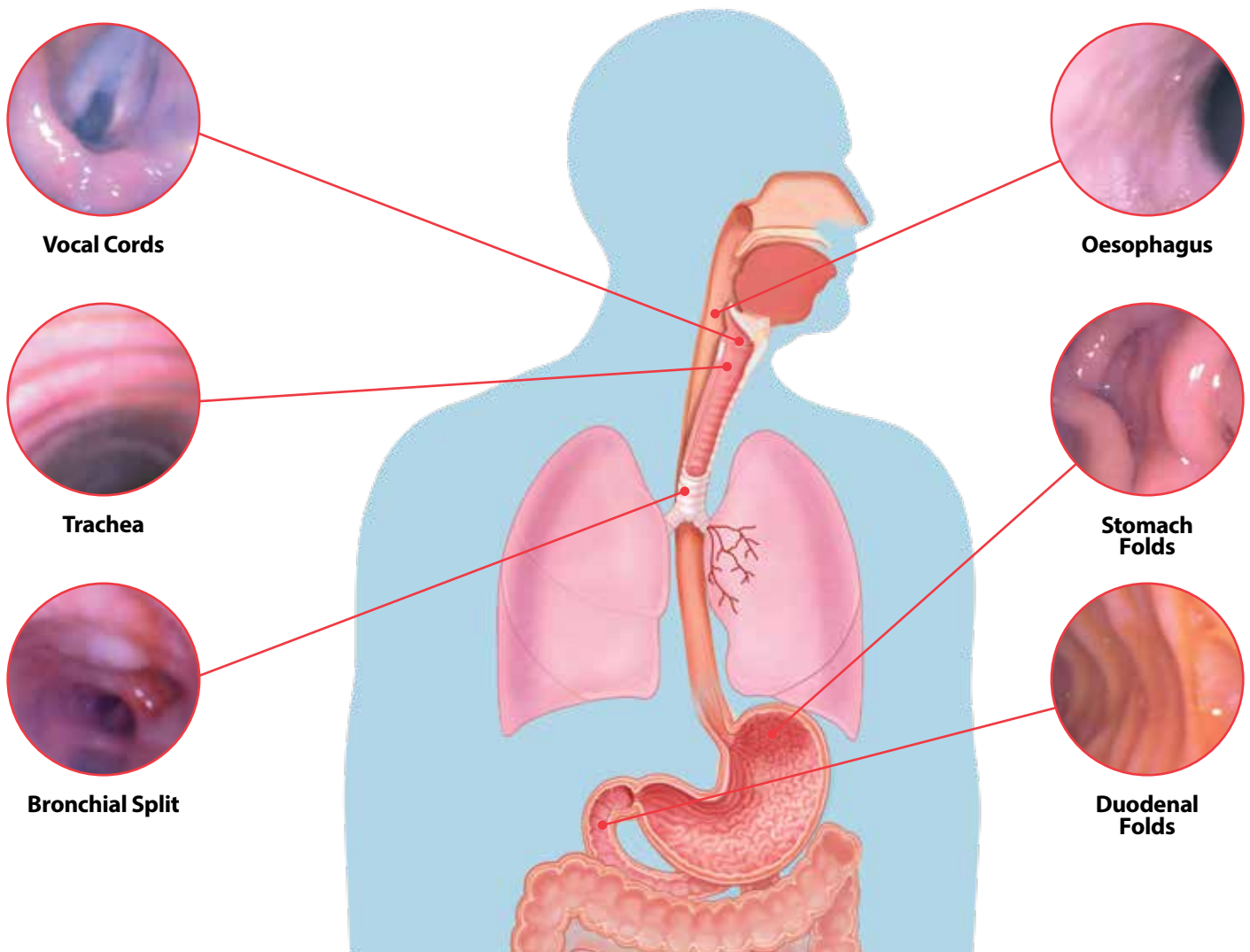
Correct Placement

Inadvertent misplacement of a nasogastric tube into the respiratory tract has been reported in 2% to 4% of placements, and tubes are missed 80% of the time they occur.¹

Misplacements into the lung can lead to serious complications, such as:²

- Perforation
- Infection
- Death
- Pneumothorax
- Pneumonitis

A meta-analysis conducted on blind feeding-tube placements reported that of 9,931 procedures, 187 were misplaced in the trachea, 35 caused a pneumothorax, and 5 led to the patient's death.³



Features

Console

- 26.4cm touch screen
- Still-shot capture and exportability of saved images
- In-use battery life up to four hours
- Multi-lingual

Insufflation Device

- Manual insufflation device to deliver air as needed during placement
- Delivers approximately 30mL of air per squeeze
- Built-in pressure release valve

Interface Cable

- Still-shot capture button
- 1.5m length for easy manoeuvrability
- Reusable for up to 5,000 connections

Kangaroo™ Feeding Tube with IRIS Technology

- Integrated 3mm camera at the distal tip of the tube
- 8Fr, 10Fr and 12Fr sizes
- Featuring the ENFit™ connection system.



Console



Interface Cable



Insufflation Device



IRIS 3mm Camera

Ordering Information

Code	Description	Case Qty
Kangaroo™ Console		
386100	Console with power adapter, battery, interface cable and pole clamp	1
Kangaroo™ Feeding Tube with IRIS Technology (non-sterile)		
460836E	8Fr x 91cm	5
460843E	8Fr x 109cm	5
460855E	8Fr x 140cm	5
461036E	10Fr x 91cm	5
461043E	10Fr x 109cm	5
461055E	10Fr x 140cm	5
461236E	12Fr x 91cm	5
461243E	12Fr x 109cm	5
461255E	140cm	5
Accessories		
388101	Global Power Adapter	1
388102	Replacement Battery	1
388103	Interface Cable	1
388104	Pole Clamp	1
388105E	Insufflation Device	5
388106	Mounting Cart	1
388107	Battery Charging Station	1
388108	Carrying Case	1

1. Roberts S, Echeverria P, Gabriel SA. Devices and techniques for bedside enteral feeding tube placement. *Nutr Clin Pract.* 2007;22(4):412-420.
2. Elpern EH, Killeen K, Talla E, Perez G, Gurka D. Capnometry and air insufflation for assessing initial placement of gastric tubes. *Am J Crit Care.* 2007;16(6):544-550.
3. Sparks D, Chase D, Coughlin L, Perry P. Pulmonary complications of 9931 narrow-bore nasoenteric tubes during blind placement: a critical review. *JPEN J Parenter Enteral Nutr.* 2011;35(5):625-629.



Kangaroo™ Replacement Gastrostomy Tubes

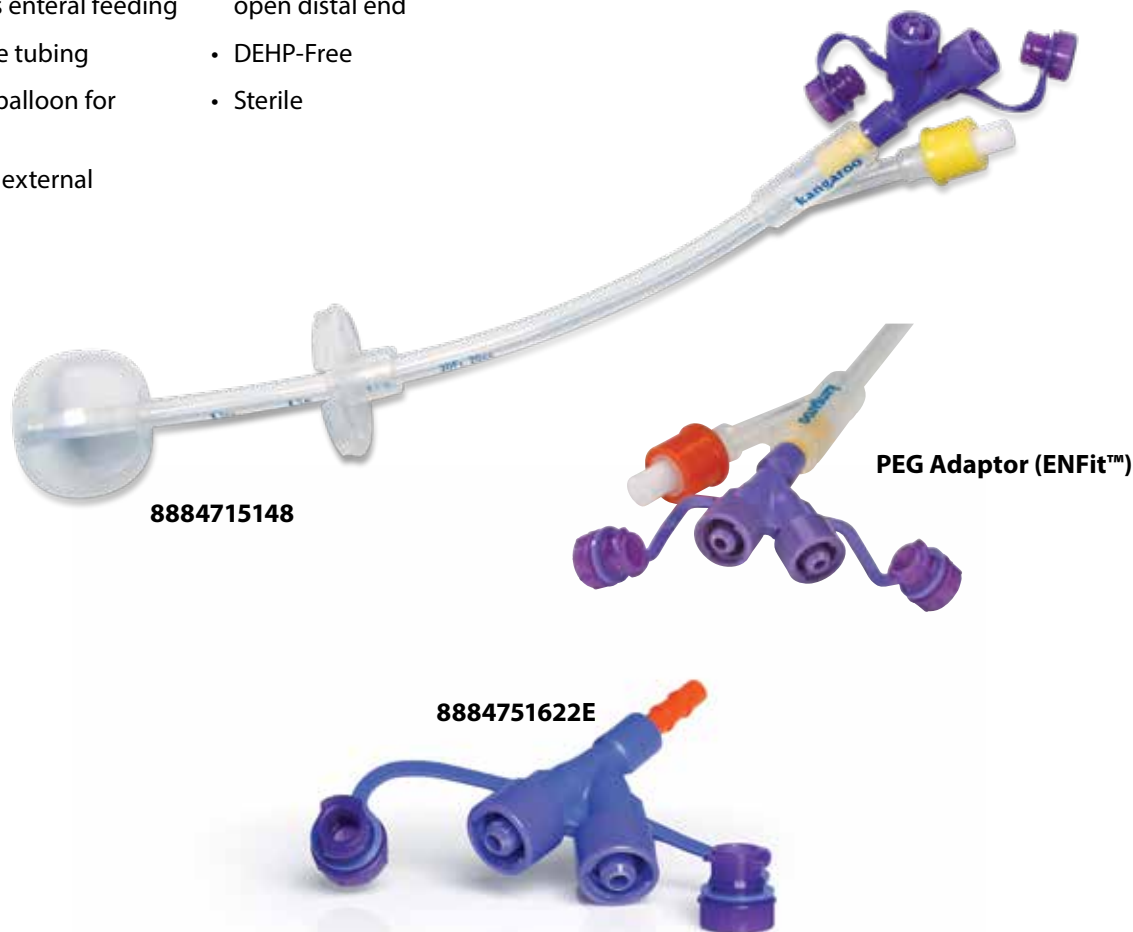
Kangaroo™ Gastrostomy Tubes are made from medical grade silicone tubing with a rounded skin disc for external retention, while Kangaroo™ Skin Level Balloon Kits are manufactured from 100% silicone, utilising advanced balloon technology for longer lasting performance.

Kangaroo™ Skin Level Cage Kits are designed for durability. The tubing is made from polyurethane which softens up to 40% after placement. The cage design ensures enhanced durability and longevity in the gastric environment.

Kangaroo™ Gastrostomy Tubes

The **Kangaroo™ Gastrostomy tube** is constructed of a durable silicone that allows for enhanced performance and longevity. The replaceable Y-port allows the port to be changed rather than having to replace the entire tube.

- Y-port ENFit™ connectors reduce risk of tubing misconnections
- Purple colour denotes enteral feeding
- Medical-grade silicone tubing
- 100% silicone gastric balloon for internal retention
- Rounded skin disc for external retention, with feet
- Graduated shaft
- Rounded flush tip with open distal end
- DEHP-Free
- Sterile



Ordering Information

Kangaroo™ Gastrostomy Feeding Tubes with y-ports

Non-ENFit Code	ENFit Code	Description	Balloon Size	QTY
8884715122	8884715122E	12Fr/Ch	5cc	5
8884715148	8884715148E	14Fr/Ch	5cc	5
8884720163	8884720163E	16Fr/Ch	20cc	5
8884720189	8884720189E	18Fr/Ch	20cc	5
8884720205	8884720205E	20Fr/Ch	20cc	5
8884720221	8884720221E	22Fr/Ch	20cc	5
8884720247	8884720247E	24Fr/Ch	20cc	5
N/A	8884720265E	26Fr/Ch	20cc	5
N/A	8884720285E	28Fr/Ch	20cc	5

Accessories

Non-ENFit Code	ENFit Code	Description	QTY
8884751622	8884751622E	16Fr/Ch - PEG Adapter	20
8884752042	8884752042E	20Fr/Ch† - PEG Adapter	20

†Universal Connector: Suitable for use with all Kangaroo Gastrostomy tubes (12-24Fr/Ch)

Kangaroo™ Skin Level Balloon Kit

The **Kangaroo™ Skin Level Balloon Gastrostomy Kit** is the only skin level balloon gastrostomy system with an innovative external “raised feet” design to reduce skin irritation and a durable balloon that extends the life of the device.

Features & Benefits

- 100% silicone material is softer for ease of placement and enhanced patient comfort
- Proximally located anti-reflux valve protects patient and tube integrity
- One-handed stoma measuring device ensures ease of use and quick, accurate measurements
- Available for paediatric through adult use in 12, 14, 16, 18, 20 and 24 French sizes, and 0.80 - 5.0cm shaft lengths



Ordering Information

Accessories

Code	Description	Qty
8884741805	Stoma Measuring Device, Sterile	5
8884741813	Bolus Feeding Set, Non-Sterile	10
8884741821	Continuous Feeding Set, Non-Sterile	10

Kit Contents

- 1x Kangaroo™ Skin Level Balloon Gastrostomy Tube
- 1x Stoma Measuring Device
- 1x Bolus Feeding Set
- 1x Continuous Feeding Set

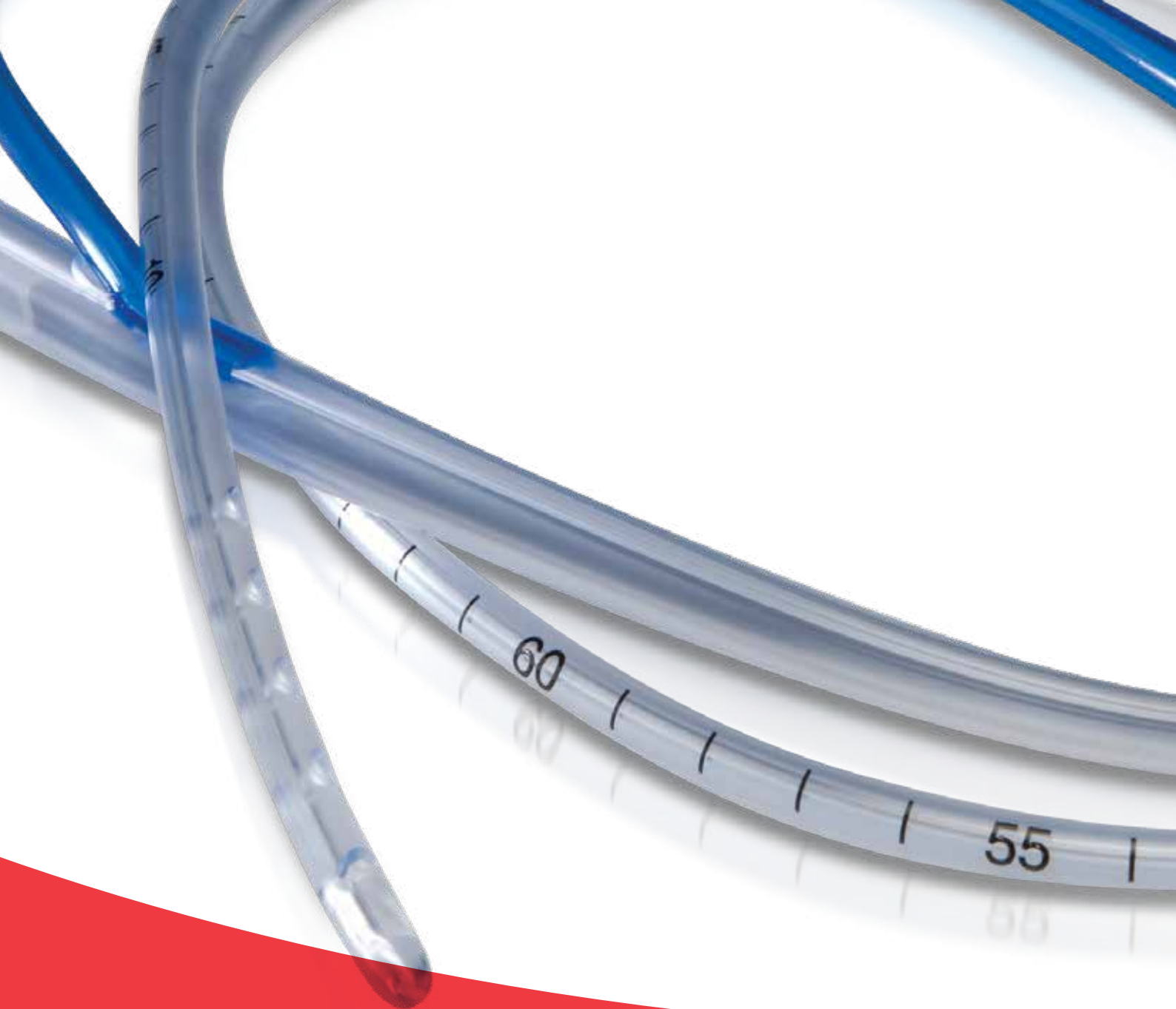


Ordering Information

Kangaroo™ Skin Level Balloon Kit - Sterile

Code	Description	Qty	Code	Description	Qty	Code	Description	Qty
712080	Balloon SLG 12FR x 0.80cm	1	716080	Balloon SLG 16FR x 0.80cm	1	720080	Balloon SLG 20FR x 0.80cm	1
712100	Balloon SLG 12FR x 1.0cm	1	716100	Balloon SLG 16FR x 1.0cm	1	720100	Balloon SLG 20FR x 1.0cm	1
712120	Balloon SLG 12FR x 1.2cm	1	716120	Balloon SLG 16FR x 1.2cm	1	720120	Balloon SLG 20FR x 1.2cm	1
712150	Balloon SLG 12FR x 1.5cm	1	716150	Balloon SLG 16FR x 1.5cm	1	720150-	Balloon SLG 20FR x 1.5cm	1
712170	Balloon SLG 12FR x 1.7cm	1	716170-	Balloon SLG 16FR x 1.7cm	1	720170	Balloon SLG 20FR x 1.7cm	1
712200-	Balloon SLG 12FR x 2.0cm	1	716200	Balloon SLG 16FR x 2.0cm	1	720200	Balloon SLG 20FR x 2.0cm	1
712230	Balloon SLG 12FR x 2.3cm	1	716230-	Balloon SLG 16FR x 2.3cm	1	720230-	Balloon SLG 20FR x 2.3cm	1
712250	Balloon SLG 12FR x 2.5cm	1	716250	Balloon SLG 16FR x 2.5cm	1	720250	Balloon SLG 20FR x 2.5cm	1
712270	Balloon SLG 12FR x 2.7cm	1	716270	Balloon SLG 16FR x 2.7cm	1	720270	Balloon SLG 20FR x 2.7cm	1
712300	Balloon SLG 12FR x 3.0cm	1	716300-	Balloon SLG 16FR x 3.0cm	1	720300	Balloon SLG 20FR x 3.0cm	1
712350	Balloon SLG 12FR x 3.5cm	1	716350-	Balloon SLG 16FR x 3.5cm	1	720350	Balloon SLG 20FR x 3.5cm	1
712400	Balloon SLG 12FR x 4.0cm	1	716400	Balloon SLG 16FR x 4.0cm	1	720400	Balloon SLG 20FR x 4.0cm	1
712450	Balloon SLG 12FR x 4.5cm	1	716450	Balloon SLG 16FR x 4.5cm	1	720450-	Balloon SLG 20FR x 4.5cm	1
712500-	Balloon SLG 12FR x 5.0cm	1	716500	Balloon SLG 16FR x 5.0cm	1	720500	Balloon SLG 20FR x 5.0cm	1
714080	Balloon SLG 14FR x 0.80cm	1	718080	Balloon SLG 18FR x 0.80cm	1	724080	Balloon SLG 24FR x 0.80cm	1
714100	Balloon SLG 14FR x 1.0cm	1	718100	Balloon SLG 18FR x 1.0cm	1	724100	Balloon SLG 24FR x 1.0cm	1
714120	Balloon SLG 14FR x 1.2cm	1	718120	Balloon SLG 18FR x 1.2cm	1	724120	Balloon SLG 24FR x 1.2cm	1
714150	Balloon SLG 14FR x 1.5cm	1	718150-	Balloon SLG 18FR x 1.5cm	1	724150	Balloon SLG 24FR x 1.5cm	1
714170	Balloon SLG 14FR x 1.7cm	1	718170	Balloon SLG 18FR x 1.7cm	1	724170	Balloon SLG 24FR x 1.7cm	1
714200	Balloon SLG 14FR x 2.0cm	1	718200	Balloon SLG 18FR x 2.0cm	1	724200	Balloon SLG 24FR x 2.0cm	1
714230	Balloon SLG 14FR x 2.3cm	1	718230	Balloon SLG 18FR x 2.3cm	1	724230	Balloon SLG 24FR x 2.3cm	1
714250-	Balloon SLG 14FR x 2.5cm	1	718250-	Balloon SLG 18FR x 2.5cm	1	724250	Balloon SLG 24FR x 2.5cm	1
714270	Balloon SLG 14FR x 2.7cm	1	718270	Balloon SLG 18FR x 2.7cm	1	724270	Balloon SLG 24FR x 2.7cm	1
714300	Balloon SLG 14FR x 3.0cm	1	718300-	Balloon SLG 18FR x 3.0cm	1	724300-	Balloon SLG 24FR x 3.0cm	1
714350-	Balloon SLG 14FR x 3.5cm	1	718350-	Balloon SLG 18FR x 3.5cm	1	724350-	Balloon SLG 24FR x 3.5cm	1
714400	Balloon SLG 14FR x 4.0cm	1	718400	Balloon SLG 18FR x 4.0cm	1	724400	Balloon SLG 24FR x 4.0cm	1
714450	Balloon SLG 14FR x 4.5cm	1	718450-	Balloon SLG 18FR x 4.5cm	1	724450	Balloon SLG 24FR x 4.5cm	1
714500	Balloon SLG 14FR x 5.0cm	1	718500	Balloon SLG 18FR x 5.0cm	1	724500	Balloon SLG 24FR x 5.0cm	1





Kangaroo™ Salem Sumps and Specialty Access Tubes

Kangaroo™ Salem Sumps and **Specialty Access Tubes** are predominantly used for gastric decompression. Some tubes can also be used for gastric drainage, aspiration and enteral feeding.

Kangaroo™ Salem Sump Dual Lumen Tubes: PVC

The **Kangaroo™ Salem Sump range of PVC radiopaque tubes** are for short term use for gastric drainage, aspiration and decompression. They have a double lumen and are available with or without an anti-reflux valve, preventing patient and clinician exposure to gastric reflux. Salem Sumps can be used for intermittent suction drainage at higher suction settings or for continuous drainage with lower suction power.

- CM markings
- Double lumen PVC tube – one for suction drainage; one for venting
- Allows lavage without interruption of suction
- Gastric reflux prevention valve
- Sterile
- Radiopaque Sentinel Line™ with Sentinel Eye™ tubing
- Funnel end of vent lumen can be used to cap 5-in-1 adapter
- Integral irrigation funnel for irrigating through sump vent lumen

264945



Ordering Information

Salem Sump™ Stomach Tube -Dual Lumen Tube

Non-ENFit Code	Description	Material	Qty
8888264911	10Fr/Ch; length 92cm	PVC	50
264929	12Fr/Ch; length 122cm	PVC	50
264945-	14Fr/Ch; length 122cm	PVC	50
264960	16Fr/Ch; length 122cm	PVC	50
264986-	18Fr/Ch; length 122cm	PVC	50

Anti-Reflux Valve Operation

Assists with prevention of gastric ulcers by allowing maximum airflow through vent lumen.

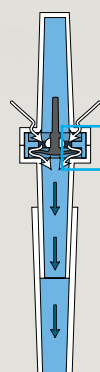


266197



Valve Operation if Reflux Occurs

Reflux enters vent lumen, pushing air toward valve, creating a pressure Activated Air Buffer (PAAB). Valve closes to prevent escape of gastric reflux. PAAB prevents reflux from contacting valve.



Normal Valve Operation

Detailed view of how the valve allows atmospheric air to enter valve lumen.



Ordering Information

Salem Sump™ Anti-Reflux Valve

Non-ENFit Code	Description	Material	Qty
266197-	Anti-Reflux Valve	PVC	10

Salem Sump™ with Anti-Reflux Valve

Non-ENFit Code	Description	Material	Qty
266122	14Fr/Ch; length 122cm	PVC	50
266130-	16Fr/Ch; length 122cm	PVC	50
266148	18Fr/Ch; length 122cm	PVC	50



266122

Salem Sump™ Dual Lumen Stomach Tube with ENFit® Connection (PVC)

The **Kangaroo Salem Sump™ Dual Lumen Stomach Tube with ENFit® Connection** is a PVC (polyvinyl chloride) double-lumen tube used for naso/orogastric drainage and feeding. The larger lumen is for feeding and drainage, while the smaller lumen draws in outside air to moderate the amount of suction at the drainage eyes. Salem Sumps can be used for intermittent suction drainage at higher suction settings or for continuous drainage with lower suction power. The attached ENFit® Connection enables use of product with ENFit® Connection System and is available in wide range of French sizes.

- Intended for gastric decompression and administration of nutrition, fluids and medication.
- Double lumen PVC tube – one for feeding and suction drainage; one for venting.
- Allows lavage without interruption of suction.
- Gastric reflux prevention valve.
- Radiopaque Sentinel Line™ with Sentinel Eye™ tubing.
- Funnel end of vent lumen can be used to cap 5-in-1 adapter.
- Integral irrigation funnel for irrigating through sump vent lumen.
- Centimeter markings.
- Sterile.



ENFit® Connector.

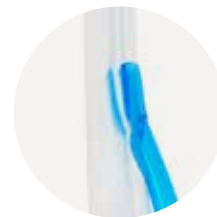
Enables use of product with ENFit® Connection System to enable short term Enteral Feeding.



Anti-Reflux Valve.*

The anti-reflux valve helps prevent stomach contents from exiting the vent lumen.

This prevents unnecessary patient gown and bedding changes and reduces the risk of exposure to potentially infectious materials.



Dual Lumen Tubing.

Double-lumen tube used for naso/orogastric drainage and feeding. The larger lumen is for feeding and drainage, while the smaller lumen draws in outside air to moderate the amount of suction at the drainage eyes.



8888266148E

Ordering Information

Salem Sump™ Dual Lumen Stomach Tube with ENFit® Connection

Code	Description	Case Qty
8888268060E	6FR/CH; length 61cm	10
8888268086E	8FR/CH; length 61cm	10
8888264911E	10FR/CH; length 91cm	50
8888264929E	12FR/CH; length 122cm	50
8888264945E	14FR/CH; length 122cm	50
8888264960E	16FR/CH; length 122cm	50
8888264986E	18FR/CH; length 122cm	50
266197-	Anti-Reflux Valve	10

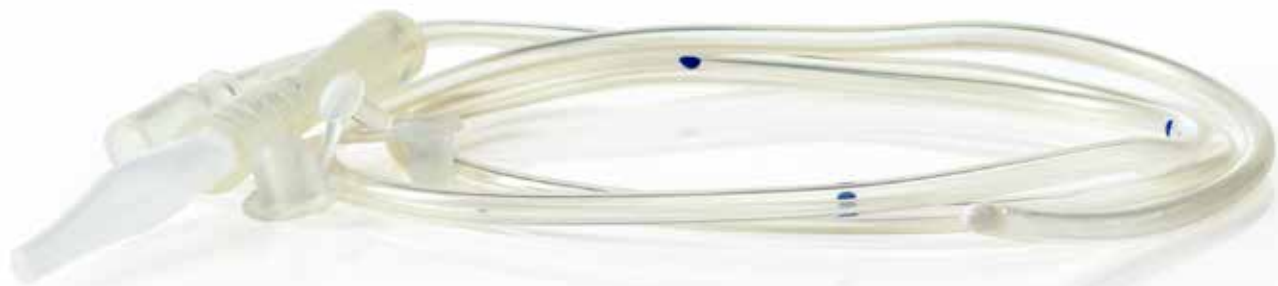
*Anti-Reflux Valve is sold separately.

Kangaroo™ Salem Sump Dual Lumen Stomach Tubes: Silicone

The **Kangaroo™ Salem Sump range of silicone tubes** are for longer term use, and are also used for gastric drainage, aspiration and decompression. This product is also indicated for enteral feeding.

- Double lumen silicone tube – one for suction drainage; one for venting
- Radiopaque Sentinel Line™ with Sentinel Eye™ tubing
- Capping system with sump vent lumen cap, suction lumen adapter and suction lumen adapter cap
- Removable 5-in-1 connector
- Sump vent lumen can also be used for irrigation
- Sterile

8888265132



Ordering Information

Salem Sump™ Dual Lumen Stomach Tube

Non-ENFit Code	Description	Material	Qty
8888265108	10Fr/Ch, length 90cm	Silicone	10
8888265116	12Fr/Ch, length 120cm	Silicone	10
8888265132	16Fr/Ch, length 120cm	Silicone	10
8888265140	18Fr/Ch, length 120cm	Silicone	10

Kangaroo™ Salem Sump with Multifunctional Port

The **Kangaroo™ Salem Sump with Multifunctional Port** is manufactured from radiopaque tubing and is suitable for feeding, suction, irrigation and medication.

- Purple colour denotes enteral feeding
- All in one closed port system
- Allows for feeding, suction, irrigation and medication
- Internal anti-reflex valve design
- DEHP-Free
- Sterile



Ordering Information

Salem Sump™ Dual Lumen Stomach Tube - Multifunctional Port

Non-ENFit Code	ENFit Code	Description	Material	Qty
7771010	7771010E	10Fr/Ch, length 120cm	PVC	10
7771210	7771210E	12Fr/Ch, length 120cm	PVC	10
7771410	7771410E	14Fr/Ch, length 120cm	PVC	10
7771610	7771610E	16Fr/Ch, length 120cm	PVC	10
7771810	7771810E	18Fr/Ch, length 120cm	PVC	10

Argyle™ Ventrol Duodenal Tube

The **Argyle™ Ventrol Duodenal Tube** is used to decompress the stomach, withdraw specimens for diagnostic analysis, administer nutritional supplements or medications and washes the stomach free of toxic substances. It is also used for irrigation of the stomach to treat GI bleeding.

- Irrigation/vent lumen and flow-through eyes at distal end of tube minimise risk of tissue invagination
- Thermosensitive transparent PVC
- Radiopaque tubing
- Depth markings
- Rounded, closed, atraumatic tip and Satin-Slip® surface for ease of insertion
- Funnel connectors easily attach to a wide variety of irrigating devices or fittings.
- Male removable connector seals system to prevent leakage
- Sterile

150-14



Ordering Information

Argyle™ Ventrol Duodenal Tube

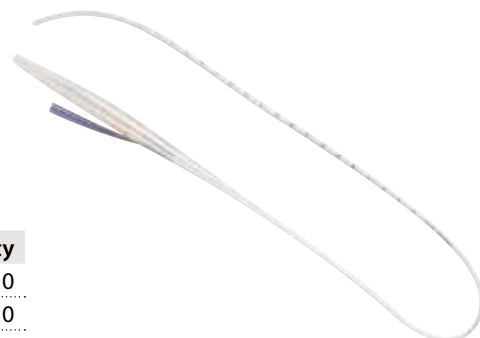
Non-ENFit Code	Description	Material	Qty
150-12	12Fr/Ch, length 90cm	PVC	50
150-14	14Fr/Ch, length 120cm	PVC	25
150-16	16Fr/Ch, length 120cm	PVC	25
150-18	18Fr/Ch, length 120cm	PVC	25
150-20	20Fr/Ch, length 120cm	PVC	25

Argyle™ Replogle Suction Catheter

Ordering Information

Argyle™ Replogle Suction Catheter (Paediatric)

Non-ENFit Code	Description	Material	Qty
8888256545	6Fr/Ch; length 61cm	PVC	10
8888256529	8Fr/Ch; length 61cm	PVC	10
8888256503	10Fr/Ch; length 61cm	PVC	10



Argyle™ Lavacuator Tube

A double lumen gastric lavage tube for use in situations where intermittent lavage and evacuation of stomach is required. It is especially suited for emergency removal of toxic or potentially toxic agents, hazardous substances, or overdose of oral medication.

The **Argyle™ Lavacuator Tube** is intended for oral insertion only.

- Thermosensitive PVC ensures tube is soft and pliable
- Double lumen prevents tissue invagination
- Main lumen open at distal end with 8 large elliptical eyes
- Secondary lumen designed for rapid lavage, with 5 small elliptical eyes
- Depth markings at 46cm, 56cm, 66cm and 76cm to aid placement
- 120cm tube length in 18, 22, 28, 32 and 36Fr
- Sterile



157-32

Ordering Information

Argyle™ Lavacuator Tube

Code	Description	Material	Qty
157-18	18Fr/Ch, length 120cm	PVC	10
157-22	22Fr/Ch, length 120cm	PVC	10
157-28	28Fr/Ch, length 120cm	PVC	10
157-32	32Fr/Ch, length 120cm	PVC	10
157-36	36Fr/Ch, length 120cm	PVC	10

ENFit™ Syringes

Monoject™ and Kangaroo™ Pharmacy Products provide ENFit™ solutions for patients receiving enteral feeding

Purple ENFit Syringes

- ENFit™ connection
- Available in 1ml, 3ml, 6ml, 12ml, 35ml and 60ml sizes
- Sterile and non-sterile



Ordering Information

Sterile ENFit™ Syringes

Code	Description	Packaging	QTY
401SE	1ml Purple Enteral Syringe Sterile	Individually wrapped; 60 per carton; 4 cartons per case	240
403SE	3ml Purple Enteral Syringe Sterile	Individually wrapped; 100 per carton; 4 cartons per case	400
406SE	6ml Purple Enteral Syringe Sterile	Individually wrapped; 100 per carton; 4 cartons per case	400
412SE	12ml Purple Enteral Syringe Sterile	Individually wrapped; 80 per carton; 6 cartons per case	480
435SE	35ml Purple Enteral Syringe Sterile	Individually wrapped; 40 per carton; 4 cartons per case	160
460SE	60ml Purple Enteral Syringe Sterile	Individually wrapped; 30 per carton; 4 cartons per case	120

Non-Sterile ENFit™ Syringes

Code	Description	QTY
8881101015	1 mL Purple Enteral Syringe with ENFit™ Connection, Non- Sterile	3200
8881103015	3 mL Purple Enteral Syringe with ENFit™ Connection, Non- Sterile	2000
8881106015	6 mL Purple Enteral Syringe with ENFit™ Connection, Non- Sterile	1200
8881112015	12 mL Purple Enteral Syringe with ENFit™ Connection, Non- Sterile	1000
8881135015	35 mL Purple Enteral Syringe with ENFit™ Connection, Non- Sterile	300
8881160015	60 mL Purple Enteral Syringe with ENFit™ Connection, Non- Sterile	175

ENFit™ Accessories

ENFit™ Syringe Caps

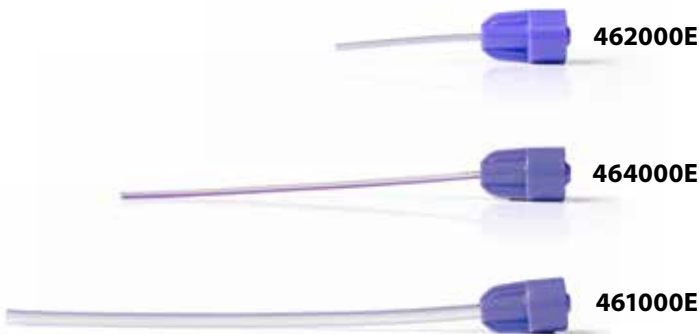
- Universal size
- Sterile and non-sterile

ENFit™ Adaptors

- ENFit™ to Luer Adaptor
- ENFit™ Stepped Connector
- ENFit™ to Funnel Adaptor

ENFit™ Straws

- Kangaroo™ Milk Straw 13cm
- Monoject™ Medicine Straw 6cm
- Monoject™ Medicine Straw 10cm



Ordering Information

ENFit™ Syringe Caps

Code	Description	QTY	Packaging
400SE	Monoject ENFit™ Syringe Tip Cap Sterile	1000	10 per each; 100 each per carton
400BE	Monoject ENFit™ Syringe Tip Cap, Non-Sterile	1000	Bulk (loose in case)

ENFit™ Milk Straws & Medicine Straws

Code	Description	QTY	Packaging
461000E	Kangaroo™ Milk Straw 13cm	100	Individually wrapped
462000E	Monoject™ Medicine Straw 6cm	100	Individually wrapped
464000E	Monoject™ Medicine Straw 10cm	100	Individually wrapped

ENFit™ Adaptors

Code	Description	QTY	Packaging
777222	ENFit™ to Luer Adaptor Sterile	30	Individually wrapped
777444	ENFit™ Stepped Connector Sterile	30	Individually wrapped
F00106	ENFit™ to Funnel Adaptor Non-Sterile	30	Individually wrapped
4699E	Monoject ENFit™ Universal Bottle Adapter, Non-Sterile	50	Bulk (loose in case)

EnClean® Brushes

The **EnClean® Brush** is designed to clean and remove debris from the **ENFit®** enteral connector.



ENC2
Reusable
Brush



ENC1
Single-use
Brush
(sold separately)



Plug
To cover opening of connector during cleaning.

Bristles
Germ resistant, designed to fit precisely into the interior threads of the ENFit™ tube.

Aerated Cap
To protect and allow bristles to dry when brush is not in use.

Handle
Ergonomically shaped.

Patient Name
Written on brush (reverse side).

Strap
To conveniently hang brush on bedside or pole.

Ordering Information

Item Code	Description	Quantity
ENC2	EnClean® Reusable Cleaning Brush	10
ENC1	EnClean® Single-use Cleaning Brush	100

