Delivering Safer Solutions
For the past thirty years, the Kangaroo™ brand has been the name for safe, innovative nutritional delivery products. Now offering you a complete safety solution with both engineered controls and a visual indicator to help prevent tubing misconnections, the Kangaroo brand continues to deliver a best in class portfolio to meet and exceed healthcare needs across the continuum of care.

**Safe**

Covidien’s Kangaroo™ enteral feeding tube ports are designed to be incompatible with luer lock or IV connections, reducing the risk of accidental misconnection or infusion. All feeding set stepped connectors have been designed with a larger tip to help prevent connection to IV tubes while providing a secure connection with our feeding tubes. Additionally, all enteral products are colored purple to help identify a nutritional port, not for IV access.

**Innovative**

Covidien continues to offer the market innovative solutions whether it is a truly programmable feed and flush feeding pump, an integrated Salem Sump™ system that offers feeding, suctioning, irrigating and medicating, or being the first to offer a complete system of engineered controls and visual indicators to help prevent misconnections.

**Complete**

Covidien’s Kangaroo™ nutritional delivery portfolio offers your facility a complete, safer solution of enteral feeding pumps and sets, small bore feeding tubes, large bore decompression tubes, placement confirmation devices, a pediatric feeding system, and long-term PEG replacement devices.
Dehydration is a serious risk across all settings. The consequences of even mild dehydration can be severe. Covidien’s enteral pumps address this risk. With 30 years of enteral feeding excellence, Kangaroo™ enteral feeding pumps offer a full spectrum of capabilities including fully programmable feed and flush pumps and ambulatory pumps for patients on the go, all on a dependable, easy-to-use platform.

Kangaroo™ Joey and Kangaroo™ ePump

**Enteral feeding pump key features**

- Only enteral feeding pumps on the market capable of delivering programmable flushing protocol as part of a feeding regimen
- “Smart Pump Technology” ensures that a set is properly loaded and all mandatory programming options are entered
- Unique 72 hour history ensures reliability and accuracy reflecting what has been fed and flushed to a patient

**Kangaroo™ Joey**

Enteral Feeding Pump

The first hydrating ambulatory enteral device, the Kangaroo Joey feeding pump assures clinicians of accurate and reliable function while providing patients with freedom and mobility.

**Kangaroo™ ePump**

Enteral Feeding Pump

When patients require nutrition through continuous feeding, intermittent feeding or feeding and flushing, the Kangaroo ePump feeding pump delivers in one compact, easy-to-use device.

Covidien offers an interactive in-service program for the Kangaroo™ line of enteral feeding pumps. Please consult our website [www.KangarooPumpTraining.com](http://www.KangarooPumpTraining.com) for more information and a complete product overview.
In April of 2006, JCAHO issued a Sentinel Event Alert titled “Tubing misconnections—a persistent and potentially deadly occurrence”. The alert cited several misconnections specific to Nasogastric feeding tubes, including infusions intended for IV administration connected to NG tubes, an enteral feeding set connection to an intravenous catheter, and an enteral feeding set connection to a dialysis catheter. In response, Covidien now offers a full line of Nasogastric feeding tubes with safety engineered feeding ports and a visual indicator, to help reduce the risk of tubing misconnections.

Kangaroo™ Nasogastric Feeding Tubes
Covidien offers a full portfolio of weighted polyurethane feeding tubes for Nasogastric and Nasoduodenal feeding designed with a safety engineered feeding port and a visual indicator to help reduce the risk of tubing misconnections. All of Covidien’s weighted adult feeding tubes are constructed of DEHP-Free radiopaque polyurethane material that is MRI conditional once the stylet is removed.

Kangaroo™ Nasojejunal Feeding and Gastric Decompression Tube
This feeding tube provides gastric decompression while simultaneously providing jejunal feeding, which can be helpful for patients with short bowel syndrome. The tube is constructed of DEHP-Free radiopaque polyurethane material that is MRI conditional once the stylet is removed. The jejunal tube can be retracted within the gastric portion of the tube.

Kangaroo™ Kangaroo Endo-Tube Feeding Tube
This tube is designed for precise placement in the small bowel using either endoscopy and/or fluoroscopy. The tube has a unique hollow weighted tip allowing the tube to be inserted over the guidewire and is constructed of radiopaque polyurethane material that is MRI conditional once the stylet is removed.

1 Sentinel Event Alert, Joint Commission on Accreditation of Healthcare Organizations, Issue 36, April 9, 2006.
Covidien’s Pediatric Feeding System offers both engineered safety controls and a visual indicator to help reduce tubing misconnections. The feeding ports on the feeding tubes and extension sets are designed to be incompatible with luer lock or IV connections, reducing the risk of an accidental misconnection or infusion. The stepped connector on the extension set has been enlarged to help prevent misconnections to IV tubes while still providing a secure fit with our feeding tubes. Lastly, Covidien’s feeding system has been color coded purple to indicate a nutritional port, not for IV access.
The purpose of a stomach tube is to drain stomach contents without damaging the gastric mucosa. A single lumen (Levin Tube) may cause the tube to adhere to the mucosal surface causing irritation, ulcers and mucosal damage. Covidien offers a full line of dual lumen Salem Sump tubes with the second lumen acting as an air vent, allowing air to continually irrigate the distal tip of the tube, reducing the likelihood of the complications mentioned above. Additionally, Covidien offers an Anti-Reflux Valve allowing for visualization of reflux in the vent lumen while preventing contaminated gastric content from exiting.

Covidien offers a full line of dual lumen Salem Sump tubes with the second lumen acting as an air vent, allowing air to continually irrigate the distal tip of the tube, reducing the likelihood of the complications mentioned above. Additionally, Covidien offers an Anti-Reflux Valve allowing for visualization of reflux in the vent lumen while preventing contaminated gastric content from exiting.

Salem Sump™ Stomach Tube with Anti-Reflux Valve

The Salem Sump™ anti-reflux valve allows atmospheric air to enter the vent lumen while preventing gastric fluids from exiting, all without changing protocol for use of the Salem Sump tube. Clinical studies indicate that use of the Salem Sump anti-reflux valve reduces gastric reflux.

- **NEW** centimeter markings allow the clinician to easily determine tube depth during placement
- Allows for more accurate confirmation of final placement to assist in tube maintenance
- Can reduce patient care costs
- Reduced potential of contamination of wound dressings, tubing, catheters and nursing staff
- Nurses spend less time cleaning spills, leaving more time for clinical care responsibilities
- Patient discomfort and embarrassment are decreased
When placing a nasogastric feeding or decompression tube, inadvertent tracheal placement could lead to a pneumothorax, bronchopleural fistula, pneumonitis, or pneumonia. Covidien’s CO2nfirm Now™ CO2 detector provides an effective assessment tool to assist in confirming correct esophageal tube placement—immediately, safely and reliably helping to prevent inadvertent tracheal placement.

CO2nfirm Now™
Feeding Tube Placement Confirmation Device

Only the CO2nfirm Now™ device displays an easy-to-detect change in color from purple to yellow within seconds when the presence of CO2 is detected. Particularly appropriate for high-risk patients who may be intubated, unconscious or mentally impaired, the CO2nfirm Now™ detector ensures that there is no waiting time, no need for a second x-ray and no more guesswork for proper gastric tube placement.

Proprietary Colorimetric Paper Technology & Design
• Detects presence of CO2 within seconds
• Reduces unnecessary waiting time and minimizes the number of X-rays needed for procedure
• Ends the guesswork about proper gastric tube placement
• Easily attaches to either a bellows or syringe
• Requires no change in insertion technique
• Universally adapts to all feeding and NG tubes

Convenient Bellows Device
• Clears mucus and obstructions from distal tip
• Prevents exhaled CO2 from entering tube prematurely
• Facilitates proper airflow for quickest results

The CO2 Safety Zone
The CO2 safety zone is the point at which the presence of CO2 or lack thereof at the distal tip of a gastric tube can be safely identified prior to causing damage to the lung, if accidental tracheal cannulation has occurred. For an adult NG tube, this is typically at 30 – 35 cm. For adult OG tube placement, this is typically at 20 – 25 cm.

www.covidien.com/CO2nfirmNow
A main concern with a Gastrostomy placement is tissue granulation at the stoma site, causing skin trauma/irritation and patient discomfort. Covidien’s Kangaroo™ replacement tubes have a unique “raised feet” design which allows air and moisture to circulate promoting a healthier stoma site and less irritation. Additionally, Covidien offers an AMD Fenestrated foam that can be used to effectively kill yeast and fungi.

**Kangaroo™**

**Balloon Skin Level Devices**
Covidien’s Kangaroo™ skin level devices are constructed of 100% silicone material for maximum patient comfort and durability. The device has a unique “raised feet” design which allows air and moisture to circulate promoting a healthy stoma site and less skin irritation. Additionally, the device offers 4x longer balloon life versus competitive skin level balloon devices, allowing for fewer unnecessary tube replacements.

**Kangaroo™**

**Gastrointestinal Tubes**
Covidien’s Kangaroo™ gastrostomy tubes are constructed with medical-grade silicone tubing for durability and longevity. The device has a unique “raised feet” design which allows air and moisture to circulate promoting a healthy stoma site and less skin irritation. Additionally, the tube is designed with a replaceable Y-Port for easy replacement without needing to replace the entire tube should the port become stretched.

**Kendall™**

**AMD Fenestrated Foam**
The AMD fenestrated disc dressing is simple, effective and kills microbes such as yeast, fungi, MRSA and VRE. AMD dressings act as a barrier to help prevent microbial penetration through the dressings and resist microbial colonization within the dressings. AMD products do not require any activation; this is important to nurses as the only action required on their part is simply apply the dressing to promote a microbial barrier.
In a 2006 sentinel alert, JCAHO identified tubing misconnections as “a persistent and potentially deadly occurrence.” Clinicians agree that a non-IV, non-luer enteral connection is important in a safe connection system. In 2007, a US survey confirmed that clinicians accept the global purple color standard for designating enteral feeding products. The Kangaroo complete nutritional delivery system provides both engineered controls and a visual indicator to help prevent tubing misconnections.

**Engineered Safety Controls**

- Feeding ports are designed to be incompatible with luer lock or IV connections, reducing the risk of accidental misconnection or infusion.
- Larger stepped connector helps prevent connection to IV tubes and provides a secure fit with feeding tubes.

**Visual Indicator**

- Purple color indicates nutritional port — not for IV access.