bentec MEDICAL

Spring-Loaded Silicone Silo Bag

Since 1997, clinicians around the world have used the Bentec Medical Silo Bag for staged reductions of congenital ventral wall defects (gastroschisis or omphalocele) in their neonatal patients. The Bentec Medical Silo Bag provides a suture less approach that can be placed in the NICU when primary reduction & closure of these defects is not feasible.

Our transparent, soft, flexible Silicone Silo Bags cover & protect the visceral content while providing direct visualization of the bowel. The Bentec Medical Silo Bag allows the clinician to gradually reduce the visceral contents back into the abdominal cavity by a combination of manual manipulation and gravity.

Multiple publications* highlight the following benefits with use of Bentec Medical's Spring-Loaded Silicone Bag:

- Direct visualization of bowel so clinicians can check for signs of ischemia
- Gradual reduction of exposed viscera & elective closure of final defect
- Resolution of bowel edema prior to return of the bowel into the abdominal cavity
- Reduction of gastroschisis & omphalocele without anesthesia at bedside

The *"Gold Standard"* for Staged Reduction of Ventral Wall Defects

Spring-Loaded Silicone Silo Bag

FEATURES	BENEFITS
▪ Soft, Pliable Transparent High Quality Medical Grade Silicone Material	▪ Minimizes potential for damage to exposed viscera ▪ Enables visualization for continuous monitoring of bowel perfusion ▪ Allows gradual reduction of viscera into abdominal cavity decreasing potential for complications
▪ Flexible, Soft Silicone Wrapped Spring around Proximal Opening	▪ Enables placement of Bentec Medical Silo Bag at patient bedside ▪ Eliminates need for suture placement to maintain stability during use
▪ Range of Spring Opening Sizes	▪ Accommodates ventral wall defects & visceral extrusions of varying sizes
▪ Mesh Reinforced Distal End with Preformed Hole	▪ Provides mechanism for attachment to suspension apparatus to maintain traction on bag & support bowel reduction by gravity
▪ Closed System	▪ Helps prevent loss of peritoneal fluid & bacterial contamination
▪ Sterile Product	▪ Minimizes potential for contamination of exposed viscera ▪ Reduces potential of infection
▪ Not Made with Natural Rubber Latex	▪ Eliminates potential for latex induced allergic reaction

Silicone Silo Bag		STERILE
Product Code	***Opening Diameter***	***Quantity***
GR74089-01	5.0 cm	1 per pkg
GR74089-02	7.5 cm	1 per pkg
GR74089-03	10.0 cm	1 per pkg
GR74089-04	15.0 cm	1 per pkg
GR74089-05	6.0 cm (tapered)	1 per pkg
GR74089-06	3.0 cm	1 per pkg
GR74089-07	4.0 cm	1 per pkg

* References:
1. Christison-Lagay, ER. Kelleher, CM. Langer, JC. Neonatal abdominal wall defects. Seminars in Fetal & Neonatal Medicine. 2011; 16:164-72.
2. Hashish AAE, Elhalaby E. Evolution of management of gastroschisis. Annals of Pediatric Surgery. 2011; 7:10-15.
3. Jensen, AR. Waldhausen, JHT. Kim, SS. The use of a spring-loaded silo for gastroschisis. Arch Surg. 2009; 144(6):516-519
4. Musemeche, C. Chapter 4 Inside out. In: SMALL: Life and Death on the Front Lines of Pediatric Surgery. Lebanon, NH: University Press of New England; 2014.
5. Owen, AD. Marven, S. Bell, J. Gastroschisis: putting the bowel back safely. Infant. 2009; 5(2):40-42.

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