medicina pre-formed Silos are silicone silos

Medicina Silos are pre-formed silicone bags indicated for use in infants with gastroschisis. Silos are indicated for the protection of the exposed bowel in infants suitable for a bedside staged closure or as temporary protection before a traditional theatre closure.

Silos provide a closed environment for containment of exposed intestine. A Silo can be placed soon after birth without need for general anaesthesia. The aim is to reduce the leakage of serous exudate and heat loss, stabilise the gut for transfer, reduce the risk of torsion and aid the staged reduction of the gut.

> @ medicina Silo

The open end of the Silo is rolled over a solid but flexible silicone ring which is compressed to allow insertion into the peritoneal cavity. An adhesive dressing of suitable internal diameter to match the Silo is provided to secure the skin tabs to the skin. The distal end of the bag is reinforced with

indicated for the protection of the exposed bowel in infants

nylon mesh and has an eye cut out for suspension with the elastic silicone tubing provided. A short length of the tubing (30cm approx) can be cut off to form a slip knot around the Silo to help reduce the bowel.



Medicina Silo

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Silo





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Innovative surgical solutions







size is selected. The smallest Silo aspirated and for some of the bowel oedema and congestion to be overcom the ring. If insertion is difficult then a can be used to hold the leading edge of the ring in place. Dislocations have secured to the skin with the silicone peritoneal cavity. Each Silo has a

least 5cm long and wrapped in a sterile The bag is then placed under gentle traction with the elastic tube provided should be reserved to form a slipknot congestion of the bowel. The bowel can accommodate the viscera (usually less the bowel is fully reduced.

traction to the Silo and indenting the wa closure can be achieved by applying a











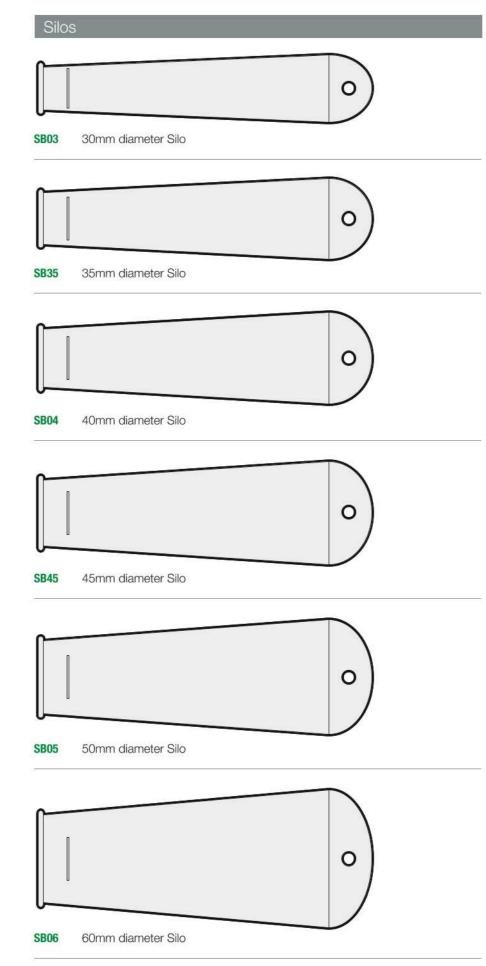
No anaesthesia or sedation is required as the reduction can take place in the neonatal ITU. The bags are transparent and so allow continuous inspection of the condition of the bowel. The rate of reduction can therefore be tailored to each child. The Silos are held suspended above the child to allow bowel oedema to subside.

Clinical advantages

Many recent studies suggest that a staged closure is associated with a lower rate of complications¹. In particular, evidence suggests a lower risk of necrotising enterocolitis2 and lower risk of bowel perforation3. Studies also show reductions in neonatal ITU stay4 and emphasise the cost benefit compared to operating theatre time4.







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