

Clinical experience with GORE® SYNECOR Intra-peritoneal Biomaterial



SURGEON REVIEW:

Preference of GORE® SYNECOR Intra-peritoneal Biomaterial over MEDTRONIC PARIETEX Composite Mesh for Umbilical / Epigastric Hernias

SURGEON

Donald Cugini, MD

Riverview Medical Center
Red Bank, New Jersey

CASE DETAILS

Gender: Male

Age: 55 years old

Procedure: Laparoscopic Repair Incarcerated Umbilical Hernia

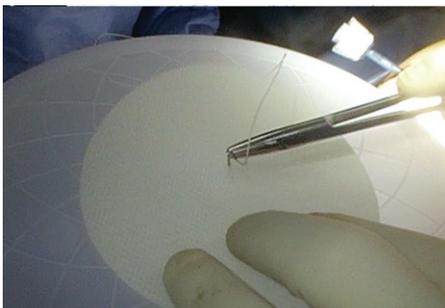
Symptoms: 8 month history of peri-umbilical pain and nausea, consistent with an incarcerated umbilical hernia

MATERIAL

“In my opinion and clinical experience, I value that the material properties of the PTFE knit in GORE® SYNECOR Biomaterial: I find it to be significantly stronger and chemically inert, compared to my experience in the past with the polyester material in MEDTRONIC PARIETEX Composite Mesh.”

TECHNIQUE

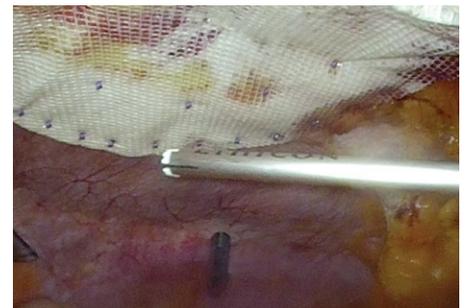
“I perform a hybrid technique combining both open and laparoscopic components. A 12 mm trocar is placed through the defect. I introduce GORE® SYNECOR Intra-peritoneal Biomaterial with a center suture through the trocar at the hernia site. Using the center suture, GORE® SYNECOR Intra-peritoneal Biomaterial is pulled up to the abdominal wall, covering the defect.”



Suture is being placed into the device.



The center stitch and device are pulled up by the grasper.



The device is tacked and laying flat, conforming well to the anatomy.

VISUALIZATION

“GORE® SYNECOR Intraperitoneal Biomaterial is a low profile macroporous knit, designed to be similar to MEDTRONIC PARIETEX Composite Mesh. The textured GORE® BIO-A® Web Surface on the parietal side helps to seal the mesh to the peritoneum and promote healing with rapid vascularization and ingrowth. GORE® SYNECOR Intraperitoneal Biomaterial stays right in place, enabling me to ensure adequate defect coverage before tacking.”

HANDLING

“Through 4 x 5 mm trocars on each side of the abdomen, I tack the mesh in place. I find that the visceral side readily “holds” the tacker in place while it’s applied and fired. The whole procedure takes roughly 20 minutes, and is extremely efficient. GORE® SYNECOR Intraperitoneal Biomaterial’s unique properties make it the optimal mesh solution for this open / laparoscopic combined approach to umbilical / epigastric hernias.”

GORE® SYNECOR Intraperitoneal Biomaterial— Clinical experience to date for Riverview Medical Center

First Implant: January 2017

Total number of cases: 30

Number of complications reported: 0

Number of recurrences reported: 0

The observations provided reflect the individual experience of the physician and the patients treated. Individual patients present a range of variables that may affect the device and size selections made by the physician, as well as the outcomes and results. Licensed Healthcare Providers are responsible for making decisions about patient care and the appropriate use of medical technologies.



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