

Zero Complication Experience Using SURGIMESH® XB MatrixMesh™ Hernia Implant in Continuous Quality Improvement (CQI) Study Involving High Risk Hernia Patients Reported at 1st World Conference on Abdominal Wall Hernia Surgery

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At the gathering of the worlds' experts in abdominal wall hernia repair for the 1st World Conference on Abdominal Wall Hernia Surgery, Bruce Ramshaw, MD presented on "Clinical Quality Improvement Using Non-woven Matrix Mesh in Laparoscopic Ventral Hernia Repair" in a Meet The Experts session. The session was moderated by colleague Professor Marc Miserez, MD of the UZ Leuven Academic Hospital and co-editor of the Hernia Journal.

Dr. Ramshaw presented on preliminary clinical experience gained during a clinical quality improvement study of the laparoscopic repair of complex ventral hernias using SURGIMESH® XB MatrixMesh™ Hernia Implant. With the goal of improving delivered patient care value, this clinical quality improvement study is an adaptive process recognizing the real world variability of the ventral hernia patient's situation pre-operatively and through the application of best known practices, extensive patient data collection with real time analysis and patient-centered care, seek to produce improved value for the ventral hernia patient and healthcare institution.

In this preliminary experience involving 52 difficult laparoscopic ventral hernia repairs using the non-woven SURGIMESH XB barrier mesh with follow-up to 25 months, there were no mesh related complications, no mesh infections and no repair recurrences. Forty percent of patients presented with recurrent hernias with the average patient having 2.7 prior hernia repairs. The patients ranged in BMI index from 22 to 59. During the course of the CQI study pain medication usage was reduced by 48%, length of hospital stay was decreased by 25% and time in the PACU was decreased by 25%. Although early in this experience, Dr. Ramshaw commented that the non-woven mesh was consistently patient preferred and is providing excellent patient outcomes in his difficult patient population.

In the current healthcare marketplace delivering improved value in hernia repair is a necessary part of any hernia implant offering. As an added benefit, helping to combat the "vicious cycle of complications" as published ¹⁾ recently in the Journal of the American College of Surgeons, the SURGIMESH XB MatrixMesh Hernia Implant is not adding to complications post-operatively and providing superior outcomes long term in difficult ventral hernia repairs. For additional information on SURGIMESH hernia repair configurations visit the www.surgimesh.com web site.

References:

- 1) Holihan, J.L., et.al., Adverse Events after Ventral Hernia Repair: The Vicious Cycle of Complications, J Amer Coll Surg, vol. 221, pg. 478, August 2015

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