

# BG Medical and Surgical Momentum Implement Innovative Clinical Quality Improvement Program Assessing the Value and Outcomes of SURGIMESH XB In Laparoscopic Ventral Hernia Repair

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The repair of ventral hernias, especially those complicated by multiple recurrences over time, have demanded the development of newer surgical approaches and more refined constructions of surgical mesh used in the repairs. Numerous published articles<sup>1-3)</sup> have summarized the failure modes associated with the use of woven and knitted surgical meshes based upon the examination of explanted surgical mesh and the analysis of adverse event data bases. The use of non-woven matrices of microfibers of polypropylene, known in the US as SURGIMESH<sup>®</sup> WN and XB Hernia Mesh, is a recent development in the field of synthetic surgical mesh hernia repair. Multiple peer reviewed studies<sup>4-6)</sup> have been published demonstrating SURGIMESH<sup>®</sup> Non-woven WN Mesh to provide superior outcomes in terms of patient comfort, post operative complication and recurrence.

Through the application of the principles of Patient Centered Care (PCC) and Continuous Clinical Quality Improvement (CCQI), Surgical Momentum has established an innovative approach for clinical value definition and the optimization that can be achieved with a medical device or surgical procedure for specific patient diagnoses and/or specific types of healthcare situations. By replacing hierarchical, antiquated systems and protocols with real-time adaptive processes and a patient centered re-focus of the coordination and communication around patient care, Surgical Momentum has seen dramatic advancements in clinical outcomes.

BG Medical and Surgical Momentum have co-designed a Laparoscopic Ventral Hernia Repair Program to specifically define the improved value associated with the use of SURGIMESH<sup>®</sup> Non-woven XB and seek to optimize that delivered value to the Patient and Healthcare Institution. As stated by one of Surgical Momentum's founders and its Chief Medical Officer, Bruce Ramshaw, MD, "Post-market surveillance in the 21st century healthcare system will need to go beyond traditional reductionist clinical research designs and registries. With the implementation of this CQI Program, BG Medical has shown a willingness to evaluate the value of their products in a model of value-based clinical quality improvement."

## About BG Medical

BG Medical is a unique Sales and Marketing Distribution Partner for next-generation medical devices and disposables. BG Medical partners with companies having breakthrough technology platforms with a potential for significant market development. Our goal is to provide our partners with the significant market share gain and the presence necessary to become leaders in given market segments. We accomplish this with our highly trained, dedicated and segment focused national US Sales and Marketing Team.

BG Medical's core competencies include General and Laparoscopic Specialty Surgery, Thoracic, Urogynecologic, Colorectal and other emerging minimally invasive surgical platform applications. For additional information visit BG Medical's website at [www.bgmedicaldevice.com](http://www.bgmedicaldevice.com). BG Medical is the exclusive US distributor for SURGIMESH and other advanced medical device technologies. For additional information on the innovative line of SURGIMESH Non-woven Technology products go to [www.surgimesh.com](http://www.surgimesh.com).

## **About Surgical Momentum**

Surgical Momentum was formed to apply complexity science principles to improve health care and its delivery. It helps medical device manufacturers and distributors gain competitive advantages by providing access to the patient's clinical process, clinical quality improvement data and expertise. The result of this collaboration is improved quality of care through increased economic value provided by the improvement in use and development of the manufacturer's products and services. The company brings with it a network of leading practitioners, surgeons, specialty-focused scientists and engineers that understand existing clinical challenges and the limitations of current medical products from first-hand experience. It is with this insight that Surgical Momentum offers a comprehensive range of services that medical manufacturers and distributors can employ regardless of where they are in the product development process.

## **About Aspide Medical**

Aspide Medical of St. Etienne, France, celebrating 15 years of healthcare innovation, manufactures thousands of medical devices each year which are distributed worldwide. Aspide Medical's vast expertise in developing medical device technologies for the treatment of digestive, urologic, gynecologic, and aesthetic surgeries has brought a number of breakthrough advances in these and other diversified healthcare markets. Maintaining a commitment to the latest ISO Quality Standards, state-of-the-art manufacturing and automation, Aspide Medical continues to excel in several specialty healthcare markets requiring surgical intervention. For more information, visit Aspide Medical's website at [www.aspide.com](http://www.aspide.com).

## **References:**

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