



With its TroClose™ 1200 system, Gordian Surgical has advanced surgical port access and closure for lap surgeries. FDA-cleared and CE-marked TroClose™ 1200 is designed to be safe, simple and secure.

**o ACUTE CLINICAL NEED FOR SAFE, SIMPLE AND RELIABLE PORT CLOSURE IN LAP SURGERY.**

Abdominal closure devices are used to close ports at a laparoscopic trocar site after completion of a surgical procedure and removal of the trocar cannula. Although surgical site closure can be performed using unassisted manual suturing, the uncommon features of surgical access site wounds in the abdomen — i.e., their depth (distance from the skin to the ports versus size of the ports) can lead to difficulties in achieving expeditious and satisfying closure. Thus, an assortment of specialized devices have been developed for surgical access site closure in the abdominal wall. There are an estimated 15 million laparoscopic procedures performed annually worldwide. While lap surgeries are less invasive, closing an abdominal access port remains a difficult and time-consuming task. Many surgeons still manually close access ports with sutures, adding up to 20 minutes per operation, while the patient is still under anesthesia. However, there also are surgeons who use a dedicated closure device instead of a suture, adding significantly to procedure cost and presenting potential safety issues primarily in the last port. Bottom line? Improper lap port closure leads up to a 6% chance of a hernia (and other possible clinical issues), where the intestine protrudes from a weakened abdominal muscle, necessitating additional surgery.

**o TroClose™ 1200 IS THE ONLY OUT-OF-THE-BOX, ACCESS-CLOSURE SYSTEM FOR OPENING AND CLOSING PORTS.**

The Gordian TroClose™ 1200 is a port access-closure system that offers surgeons a safe, simple, and secure means to open and then suture-close the abdominal wall during laparoscopic procedures. Instead of inserting closure sutures into the fascia *at the end of a procedure*, Gordian's uniquely designed innovative device efficiently inserts absorbable sutures into the peritoneal tissue surrounding the cannula *at the beginning of the procedure*. Two absorbable anchors keep the suture in place. When the cannula is removed, the surgeon closes the fascia by simply pulling and tying the TroClose1200 sutures together—safely, simply and securely.

**o GROWING SALES AND SIGNIFICANTLY EXPANDABLE MARKET OPPORTUNITY.**

For lap surgeries that employ trocar ports which are 10 millimeters and larger, access site closure is a significantly important aspect of the procedure. Access site closure devices are used to close the wound/port at the trocar site. Closure may be achieved with the use of manual suturing or with devices. Due to the unusual characteristics of surgical access site ports in the abdomen, a safe, easy and fast closure can be arduous to accomplish. Not surprisingly, a variety of specialized devices have been advanced to aid with closing the surgical access site. The global market for endoscopic general and pelvic surgery **access devices** totaled \$1.75 billion in 2016, and access site **closure devices** accounted for \$215 million in 2016 (Meddevice- tracker, "General and Pelvic Endoscopic Surgery Devices Market," June 2017). Gordian Surgical is **one of only two companies** in the worldwide market with a combination laparoscopic access-closure system.

**CONTACTS & KEY INFORMATION**

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<b>Investors.</b>	B. Braun, The Trendlines Group, funds, surgeons and private investors
<b>Focus</b>	Medical Devices-Laparoscopy
<b>Product</b>	<b>TroClose™ 1200</b> Laparoscopic Access-Closure System
<b>Regulatory</b>	FDA-cleared, CE-marked

**LEADERSHIP TEAM**

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<b>Yifat Stoegeer</b> Chief Operating Officer
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**TroClose™ 1200 : FDA-Cleared and CE-Marked Lap Access-Closure System**

**Game-Changer in Laparoscopic Access**



Suture



Bladeless Tip



Absorbable Anchor



"TroClose is a simple and effective device. Besides saving time in the OR, it will reduce inadvertent injury," says Barry Salky, MD, Professor Emeritus of Surgery and founder of the Division of Laparoscopic Surgery, Mount Sinai Hospital, New York City.

**>4000 Surgeries, Excellent Feedback**

**Rated by surgeons 9.2 out of 10\***

**Europe:** IRCAD (France), Germany, Spain, Sweden, Italv. UK. Greece. Turkev. Cvorus

**United States:** > 10 different hospitals, including Montefiore, Mount Sinai, New York Presbyterian, Weill/Cornell (all in New York), Cleveland Clinic (Ohio, Florida), Jackson Memorial (Florida), and others.

**Mexico and Panama**

\*Company survey results

