EVEN A SINGLE PORT SITE HERNIATION IS A BIG CHALLENGE

Versaone™
Fascial Closure System

Medtronic
Further, Together
Fascial closure techniques such as hand suturing, suture passers, and closure devices can be inconsistent. The VersaOne™ fascial closure system enables efficient, consistent closure.

All fascial defects larger than 10 mm should be closed to prevent port-site herniation. Risk factors for port-site hernias include:
- Inconsistent closures
- Larger sized trocars (10 mm and greater)
- Long procedures
- Trocar location
- Increased age
- High BMI patients

Port-site herniation is costly. For example, in the United States alone, there are:
- ~64,000 procedures to repair port-site hernias each year, which cost...
- ~$7,000 per additional surgery to address the herniation. That may add a burden of up to...
- ~$446M on the U.S. healthcare system.

A clinical study of patients three years post procedure showed that herniation rates can be high as 25.9% due to underdiagnosis.
Our Solution to Port-site Closure Challenges.

Consistent 5 mm Bite

The VersaOne™ fascial closure system is an all-in-one® device. It's designed for:
- Consistent port-site closure
- Added procedural efficiency
- Ease of use

The VersaOne™ fascial closure system allows surgeons to close fascia at 5 mm on either side of the trocar wound.

In abdominal wound closure, small 5 mm bites have been shown to reduce incisional hernias.

No Leaks

In preclinical testing, VersaOne™ fascial closure cannulas were exposed to human body temperature (98.6 F) and pH (7.4) for 4-hour intervals. During that time, there was:
- No change in puncture force
- No leakage through the cannula window
- No delamination of the film

Film Integrity

Benchtop testing has shown that no particulate matter is generated when the suture passer is inserted through the cannula window film.

And the puncture force through the film is less than or comparable to the puncture force through the abdominal wall.

Fascial Closure in Thicker Tissue

The VersaOne™ fascial closure system should be used on tissue thicker than 3 cm (1,2 inches) to avoid unintended damage to the skin and surrounding tissue.

† Compared to the competitive closure device, suture passers, and hand sutures.

See the VersaOne™ fascial closure system in action
hcpresources.medtronic.com/versaone-fascial-closure-system
REFERENCES


3. Based on the Medicare national average for 2017; $6,970 outpatient reimbursement; laparoscopy, surgical, repair, incisional hernia (includes mesh insertion, when performed).


5. Based on a calculation of $446 million for the number of procedures (64,000) multiplied by cost per additional surgery ($6,970).


16. Based on internal report # RE00029785, Suture passer insertion particulate generation. 2016.