

NEW!

CARTER-THOMASON® II Port Closure System

Eliminate Big Problems

Safely and Quickly Close
Your Patients' Port Sites



The Suture Guide Passes
Through the Trocar for Precise
Closure and Enhanced Safety

Enhanced Safety, Efficiency, and Reproducibility. Consistent Results for Every Site, Every Time.

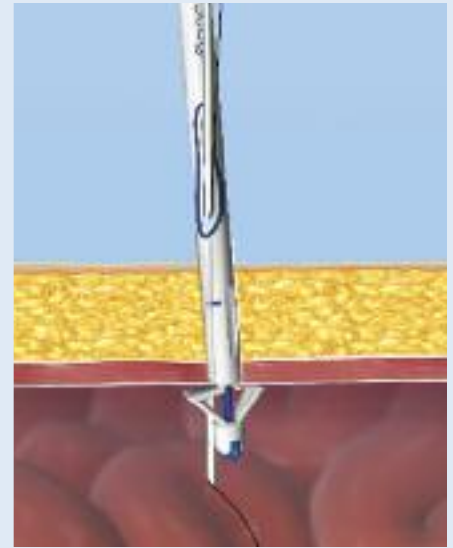
The Intuitive Carter-Thomason® II Technique Follows the Trocar Track and Works Under Direct Visualization



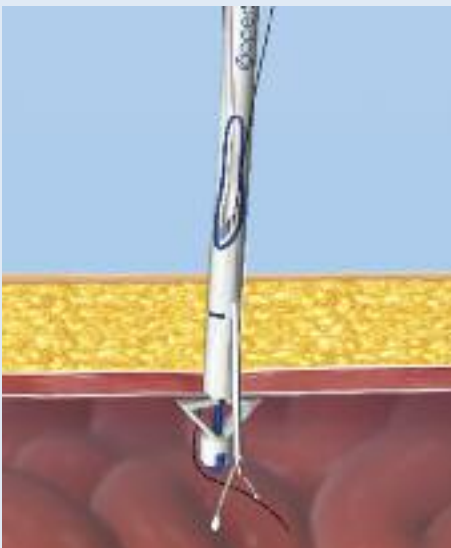
1. Press the plunger mechanism on the Suture Guide to retract the anchoring wings and place through the trocar.



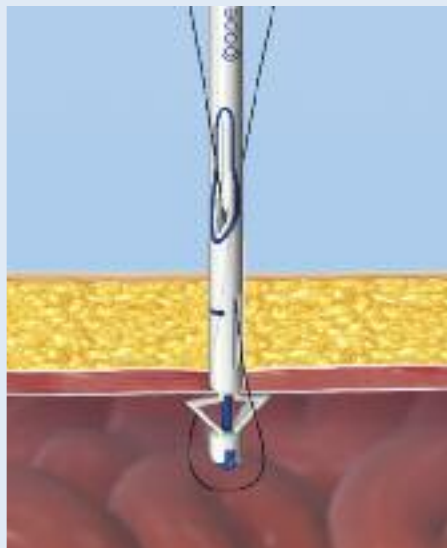
2. Once the Suture Guide's anchoring wings are below the peritoneum and trocar, release pressure on the plunger. Remove the trocar. Ensure that the suture entry holes are aligned perpendicular to the trocar wound and the anchoring wings are resting gently against the peritoneum.



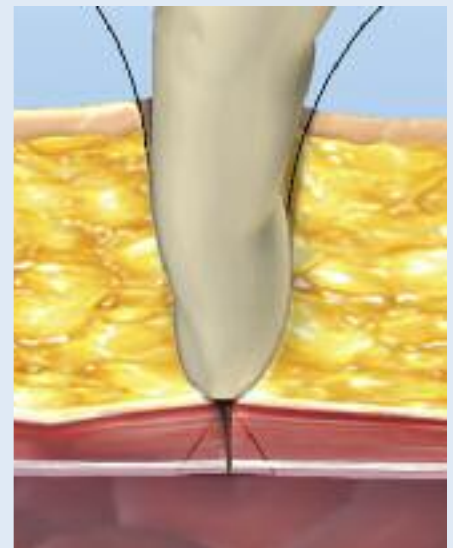
3. With the Suture Passer loaded and the grasping fingers in the closed position, push the Suture Passer through the Suture Guide and into the abdomen. Drop suture and remove Suture Passer.



4. With the grasping fingers in the closed position, push Suture Passer through opposite side of the Suture Guide and pick up suture.

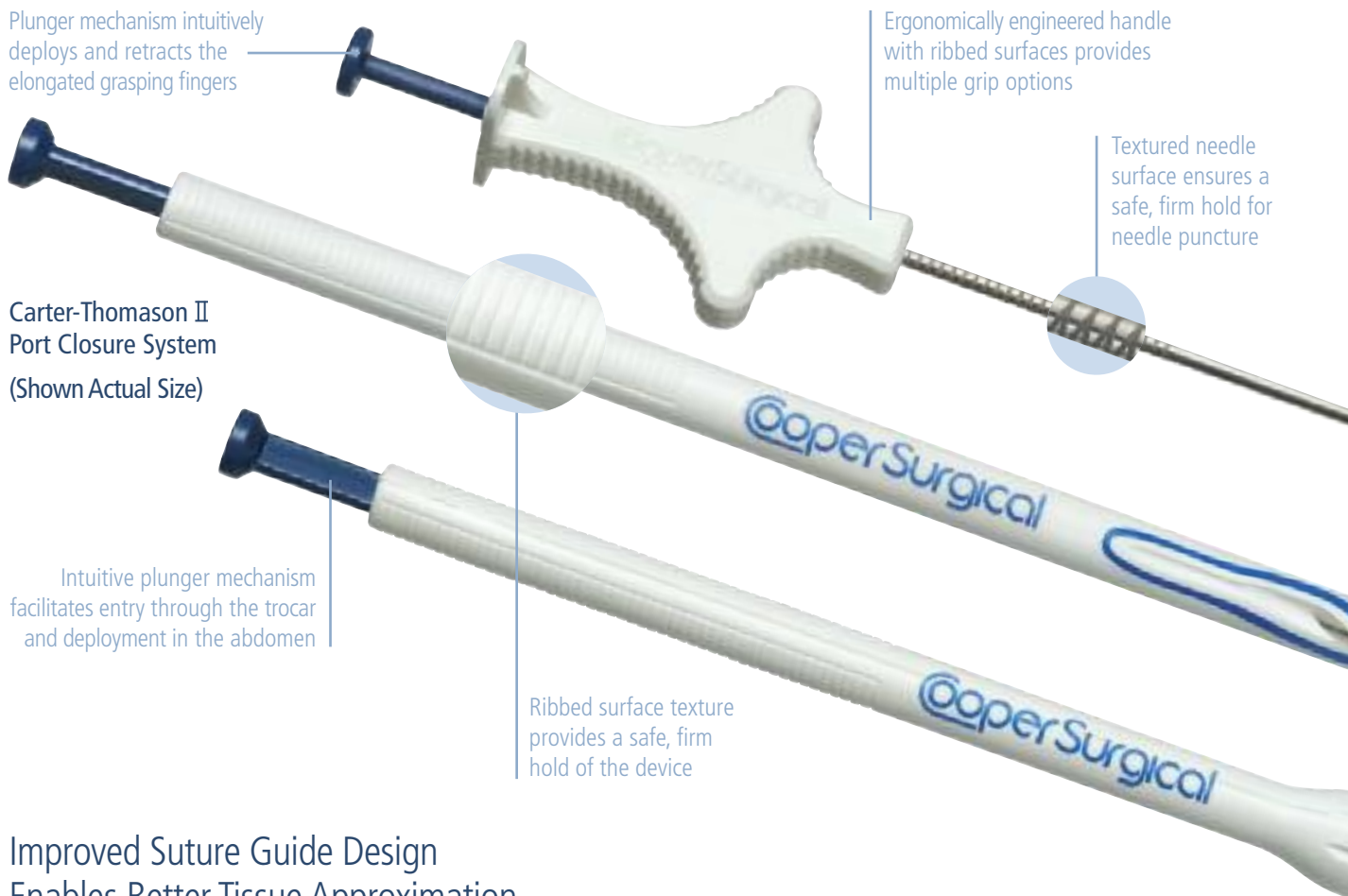


5. Pull the suture up through the peritoneum, muscle, fascia and Suture Guide.



6. Remove Suture Guide by depressing the plunger mechanism, retracting the anchoring wings and withdrawing. Tie suture to complete the closure.

The Carter-Thomason® II Port Closure System Enables You to Safely and Quickly Close Port Sites Even



Improved Suture Guide Design Enables Better Tissue Approximation and Countertraction

Carter-Thomason II has a Suture Guide that is engineered to ensure full-fascial closure, including peritoneum, on any body type. Our Suture Guide passes directly through the trocar to precisely follow the port site track. This approach maintains pneumoperitoneum, and ensures accurate placement of the Suture Passer for consistent and reproducible results with every closure.

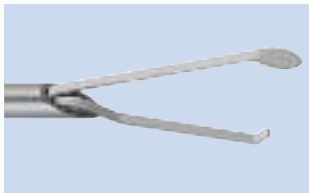
After inserting the Suture Guide through the trocar and deploying the retractable anchoring wings below the peritoneum, surgeons can also create countertraction on the anterior abdominal wall with a slight upward pulling motion. This allows more working area in the abdominal cavity, and provides a better approximation of tissue.

Enhanced Suture Passer Ensures Precise Control and Easier Grasping

The new Suture Passer is a rigid needle specifically engineered to easily pass sutures through subcutaneous tissue, including fascia and peritoneum. In addition, the tip has been completely redesigned with longer, retractable grasping fingers that surgeons can deploy over a wider area for easier and safer retrieval of sutures within the abdominal cavity. When the grasping fingers are retracted, the tip of the needle seals to prevent coring of tissue.

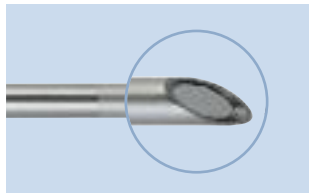
with Obese Patients

Grasping Fingers Opened



Extendable and blunt grasping fingers facilitate safe suture capture

Grasping Fingers Closed



Retractable grasping fingers seal the needle tip to prevent tissue coring

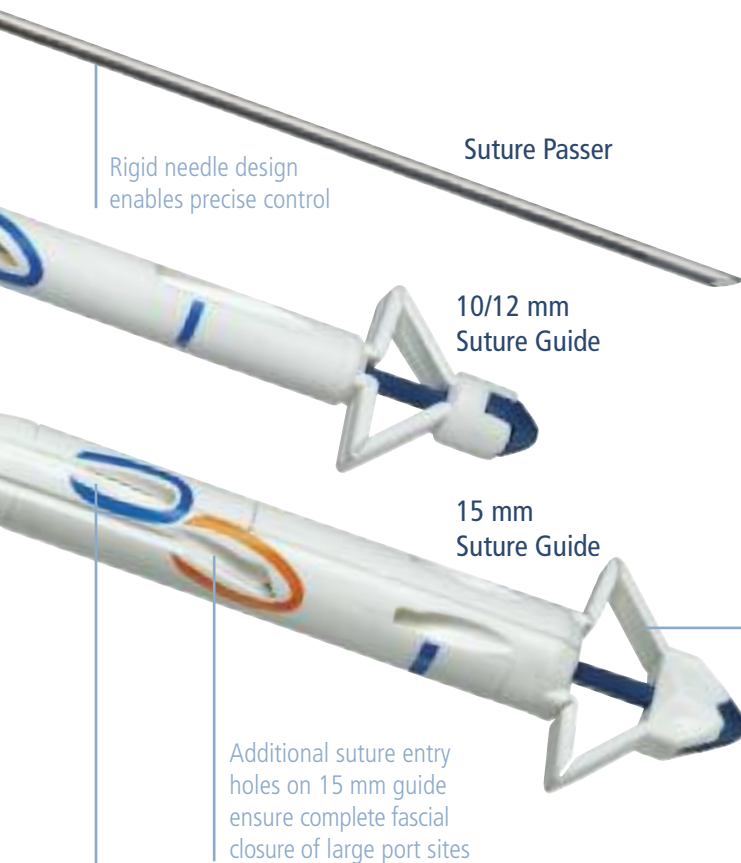
Closing Any Trocar Site is a Simple, Fast and Safe Procedure

The Carter-Thomason II Port Closure System is an intuitively useful surgical tool that enables precise, repeatable port site closure even in overweight and obese patients. The ease of use, ergonomically designed controls and upgraded construction all add up to safer, more efficient and reliable procedures.

The Carter-Thomason® II Port Closure System XL Ensures Superior Results for Bariatric Port Site Closures

The Carter-Thomason II Port Closure System XL is designed specifically for minimally invasive surgery for morbidly obese and bariatric patients. The XL version has all of the same benefits of the base system, plus additional features such as extended length instruments for quick and predictable full-fascial closure in heavier patients.

The XL System helps surgeons to quickly penetrate subcutaneous tissue, fascia and peritoneum with ease, which helps to prevent port site herniation for this high-risk group. It also provides two more suture holes on the 15 mm Suture Guide for more consistent results on patients with thicker abdominal walls.



Fixed entry and exit holes guide the Suture Passer to ensure precise, consistent and reproducible closure

Anchoring wings enable better tissue approximation and countertraction

CooperSurgical

For more information or to place an order, call 203.601.5200 or 800.243.2974 or visit www.coopersurgical.com

CARTER-THOMASON® II

Port Closure System

Safely and Quickly Close Port Sites, Especially on Challenging Obese Patients

- Ensures complete fascial closure
- Suture Guide precisely angles the Suture Passer
- Suture Guide passes directly through the trocar, ensuring precise closure
- Improved design enables countertraction for better tissue approximation
- Enlarged Suture Passer grasping fingers facilitate closure
- Easy-to-learn technique for reproducible success
- Works under direct visualization
- Prevents loss of pneumoperitoneum during the closure procedure



Prevent port site
herniation with the
Carter-Thomason II
Port Closure System

Full-Fascial Closure Prevents Herniation

The Carter-Thomason II Port Closure System is designed to prevent port site herniation, a potential complication of minimally invasive surgeries. The device can be efficiently utilized at the completion of laparoscopic procedures including gynecology, urology, general and colorectal surgeries. Carter-Thomason II is engineered to help surgeons quickly, safely and confidently close the fascia in more challenging obese patients.

Clinical Study Conclusions and Recommendations

- There is a high incidence of incisional hernias and recurrence of hernias following surgical procedures in the obese population.¹
- All fascial defects larger than or equal to 10 mm should be closed with peritoneum, while smaller defects may require closure in certain circumstances to prevent herniation. Laparoscopic port site herniation is a completely preventable cause of morbidity that requires a second surgical procedure to repair.²
- All ports greater than 10 mm (midline and lateral) should be closed at the fascial level. Port closure should include fascia and peritoneum.³

1 Bonatti H, Hoeller E, Kirchmayr W, Muhlmann G, Zitt M, Aigner F, Weiss H, Klaus A. Ventral hernia repair in bariatric surgery. *Obesity Surgery*. 2004;14: 655-658.

2 Owens M, Barry M, Janjua AZ, Winter DC. A systematic review of laparoscopic port site hernias in gastrointestinal surgery. *The Surgeon*. 2011 Aug;9(4):218-24. Epub 2011 Feb 1.

3 Chandrakanth A, Talamini MA. Port site closure methods Port site closure methods and hernia prevention. In: Whelan RL, Fleshman JW, Fowler DL, eds. *The SAGES Manual: Perioperative Care in Minimally Invasive Surgery*. New York: Springer-Verlag; 2006.

CARTER-THOMASON® II

Port Closure System

Carter-Thomason® II is Ideal for a Range of Surgical Procedures

In addition to closing port sites for average and obese patients, both the Carter-Thomason II Port Closure System and Carter-Thomason II Port Closure System XL are well-suited for a myriad of surgical applications:

- Ligate abdominal wall bleeders
- Tack hernia mesh
- Repair ventral hernias
- Temporarily reposition anatomic structure

Ordering Information		
Product	Order Number	Contents
Carter-Thomason II Port Closure System	CTI-1012P	<ul style="list-style-type: none">• (1) Carter-Thomason II Port Closure System Suture Passer• (1) 10/12 mm Suture Guide• Qty: 5 systems per box
Carter-Thomason II Port Closure System	CTI-1015P	<ul style="list-style-type: none">• (1) Carter-Thomason II Port Closure System Suture Passer• (1) 10/12 mm Suture Guide• (1) 15 mm Suture Guide• Qty: 5 systems per box
*Carter-Thomason II Port Closure System XL	CTXL-P	<ul style="list-style-type: none">• (1) Carter-Thomason II Port Closure System XL Suture Passer• (1) 10/12 mm XL Suture Guide• (1) 15 mm XL Suture Guide• Qty: 3 systems per box

**Available Spring 2013*



CooperSurgical is the leading company dedicated to providing medical devices and procedure solutions that improve health care delivery regardless of clinical setting. Our company is fostering that position through expansion of its core businesses and introduction of advanced technology-based products which aid clinicians in the management and treatment of commonly seen conditions.

Find out how Carter-Thomason II Port Closure System can benefit your practice... and your patients. Call 800.243.2974 or 203.601.5200 or visit www.coopersurgical.com. Also, see us on YouTube at www.YouTube.com/CooperSurgical.

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