

**CARTER-THOMASON**  
CloseSure System®

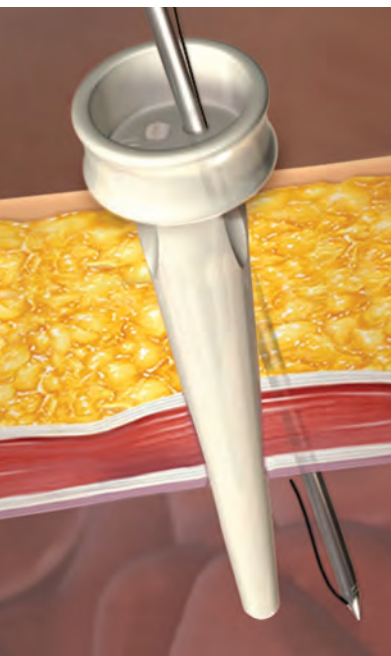
## Eliminate Big Problems

Safely and Quickly Close  
Your Patients' Port Sites

**@perSurgical**

# Easy-To-Learn... Consistent Results Every Site, Every Time

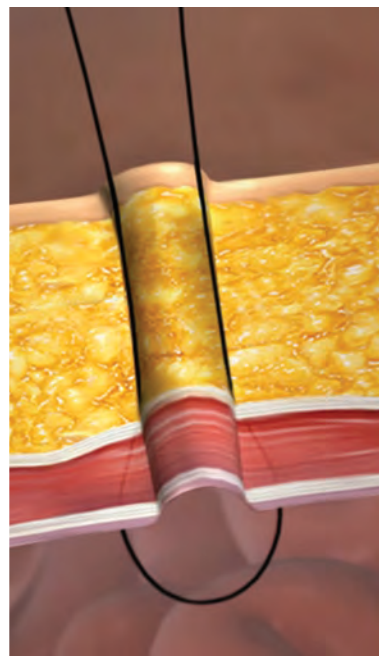
The Carter-Thomason® Technique is Intuitive, Reliable and Works Under Direct Visualization



1. Insert the Pilot® Guide with the holes aligned perpendicular to the trocar wound. With a loaded suture passer, push the suture passer through fascia, muscle and peritoneum into the abdomen. Drop the suture and remove the suture passer.



2. On the opposite side of the Pilot Guide, push the suture passer through all of the layers and pick up the suture with the hinged jaw.



3. Pull the suture up through the peritoneum, muscle, fascia and Pilot Guide.



4. Remove the Pilot Guide and tie off the suture.

**Result:**  
Complete fascial closure.

# The Carter-Thomason CloseSure System<sup>®</sup> Enables You to Safely and Quickly Close Port Sites Even with Obese Patients

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

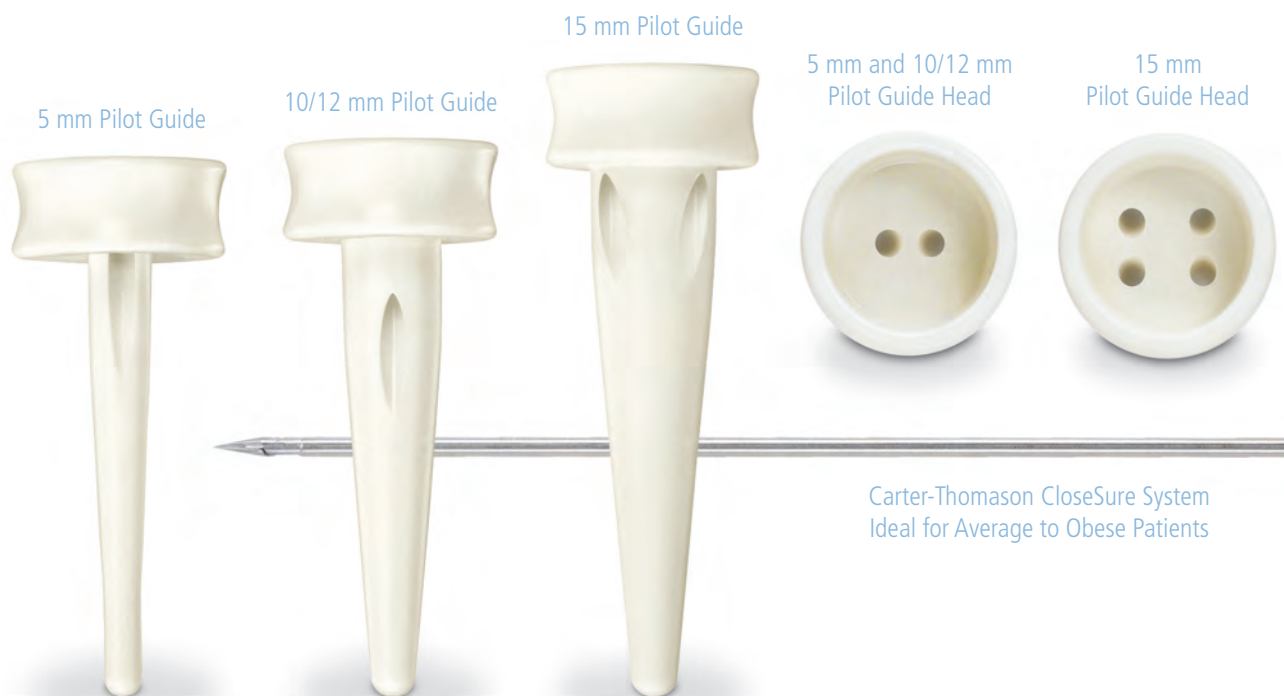
The Carter-Thomason CloseSure System enables surgeons to close trocar sites efficiently and reliably. Our system is comprised of two precisely engineered components: a Pilot Guide and a Carter-Thomason suture passer.

The easy-to-use cone-shaped Pilot Guide is long enough to correctly angle the suture passer and assure full-thickness closure including fascia and peritoneum (preventing Richter's Hernias), while maintaining pneumoperitoneum.

The Carter-Thomason suture passer has a hinged jaw to load and pick up a suture, and a sharp needle that glides through tissue for easily duplicated, secure sutures.

## Our Patented Pilot Guide Ensures Reproducibility and Complete Fascial Closure

Carter-Thomason is the only closure system with a unique, patented Pilot Guide that is engineered to assure full-fascial closure on any body type. Our angled Pilot Guide ensures precise placement of the suture passer for consistent and reproducible results from closure to closure – providing speed and confidence at the completion of laparoscopic procedures.





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

- Ensures complete fascial closure
- Patented Pilot Guide precisely angles the suture passer
- Easy-to-learn technique for reproducible success
- Works under direct visualization
- Prevents loss of pneumoperitoneum

## Full-Fascial Closure Prevents Herniation

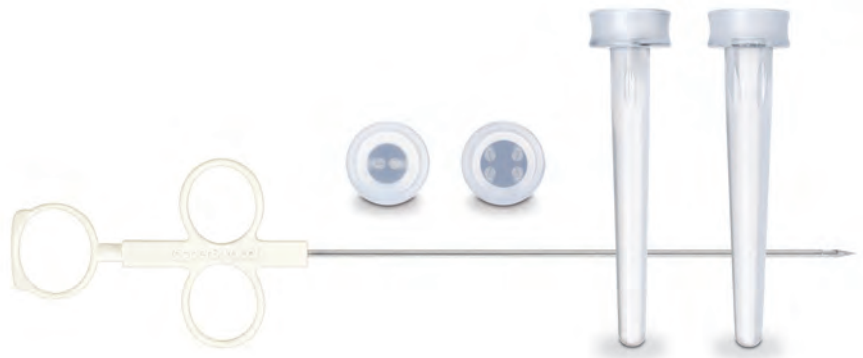
The patented Carter-Thomason CloseSure System is designed to prevent port-site herniation, a potential complication of minimally invasive surgeries.

"There is a high incidence of incisional hernias and recurrence of hernias following surgical procedures in the obese population."<sup>1</sup>

Carter-Thomason is engineered to help surgeons quickly, safely and confidently close the fascia in more challenging obese patients.



Prevent port-site herniation  
with the Carter-Thomason  
CloseSure System



Carter-Thomason CloseSure System XL  
Ideal for Morbidly Obese and Bariatric Patients

## Comparative Clinical Study of Port-Closure Techniques Proves Carter-Thomason's Superiority

In a prospective, randomized study of patients undergoing transperitoneal laparoscopic procedures, patients were randomized to one of eight different port-site closure techniques (including the Carter-Thomason CloseSure System, hand suturing and six other closure devices).

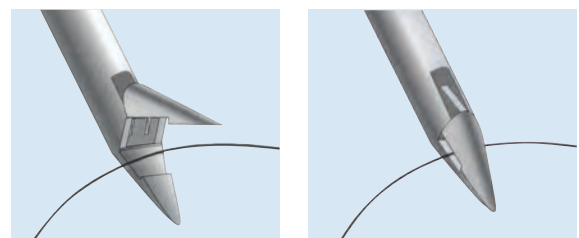
"Compared with other port-site closure techniques, the Carter-Thomason CloseSure System was faster, and produced fewer port-closure related complications."<sup>2</sup>

## The Carter-Thomason CloseSure System XL<sup>®</sup> Ensures Superior Results for Bariatric Port-Site Closures

There is a high incidence of incisional hernias and recurrence of hernias following surgical procedures in the obese population.<sup>3</sup>

The Carter-Thomason CloseSure 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 elongated 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 Pilot Guide for more consistent results on patients with thicker abdominal walls.



The Carter-Thomason suture passer features a recessed hinged jaw, which is engineered to enable the tip to capture the suture and achieve full fascial closure quickly, easily and repeatably.

**CooperSurgical**

For more information or to place an order, call  
203.601.5200 or 800.243.2974 or visit [www.coopersurgical.com](http://www.coopersurgical.com)

## Carter-Thomason is Ideal for a Range of Surgical Procedures

In addition to closing port sites for average and obese patients, both the Carter-Thomason CloseSure System and Carter-Thomason CloseSure 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		
Carter-Thomason CloseSure System	Order Number CTI-512N	Contents <ul style="list-style-type: none"> <li>• Carter-Thomason CloseSure suture passer</li> <li>• Pilot® Guides: (1) 5 mm (1) 10/12 mm</li> <li>• Sterile/Single-use</li> <li>• Qty: 5 systems per box</li> </ul>
Carter-Thomason CloseSure System XL	Order Number CTXL	Contents <ul style="list-style-type: none"> <li>• Carter-Thomason CloseSure suture passer XL</li> <li>• Pilot Guides: (1) 10/12 mm XL (1) 15 mm XL</li> <li>• Sterile/Single-use</li> <li>• Qty: 3 systems per box</li> </ul>
15 mm Pilot Guide	Order Number PG-15S	Contents <ul style="list-style-type: none"> <li>• (1) 15 mm</li> <li>• Sterile/Single-use</li> <li>• Qty: 5 guides per box</li> </ul>
Pilot Guides	Order Number PG-5/10	Contents <ul style="list-style-type: none"> <li>• Pilot Guides: (1) 5 mm (1) 10/12 mm</li> <li>• Sterile/Single-use</li> <li>• Qty: 5 sets per box</li> </ul>

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**CooperSurgical**

CooperSurgical is the leading company dedicated to providing medical devices and procedure solutions that improve health care delivery to women 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.

1, 3 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 Omar M. Elashry, MD, Stephen Y. Nakada, MD, J. Stuart Wolf, Jr, MD, R. Sherburne Figenshau, MD, Elspeth M. McDougall, MD, and Ralph Clayman, MD, FACS J AMCol/ Surg. 1996; 183:335-355.