

CARTER-THOMASON
CloseSure System®

Procedure Guide

Safely and Quickly Close
Your Patients' Port Sites

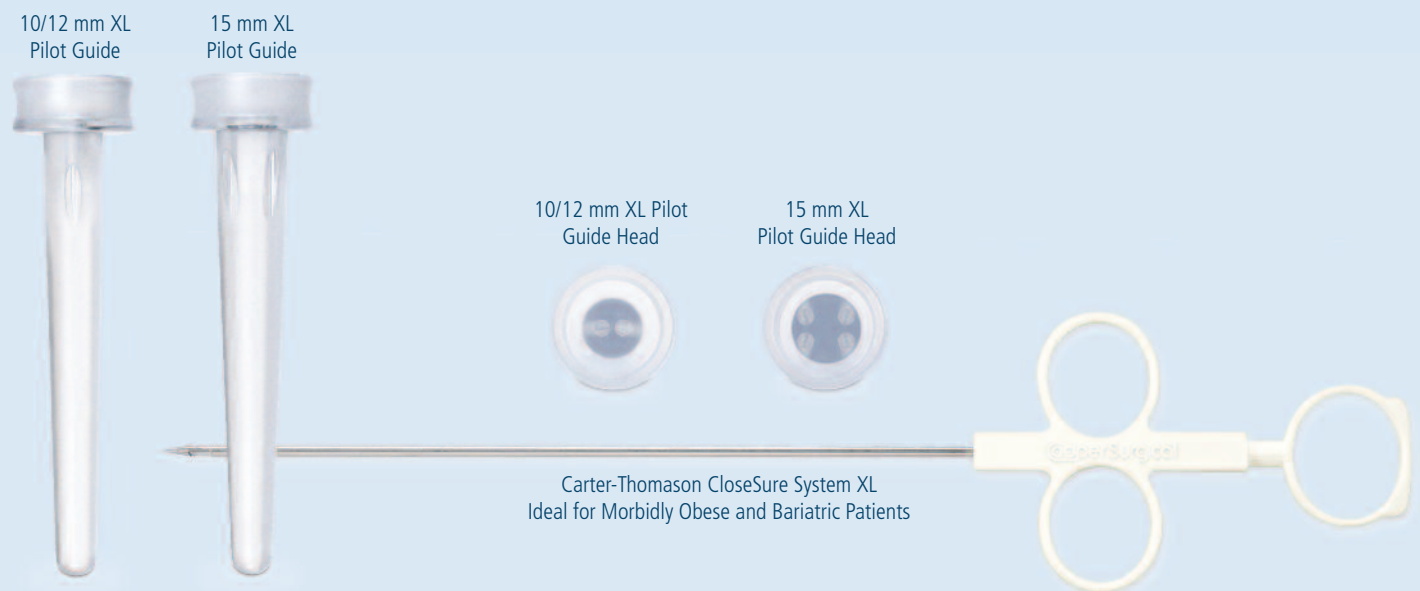
CoperSurgical

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

Carter-Thomason CloseSure System®



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



Tips and Alternative Procedures

Pilot® Guide Orientation



Trocar Wound Closure

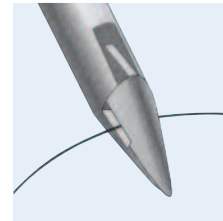
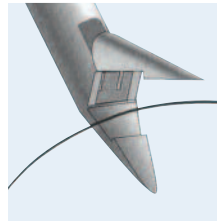
Perpendicular to trocar wound.



Ligating Abdominal Wall Bleeders

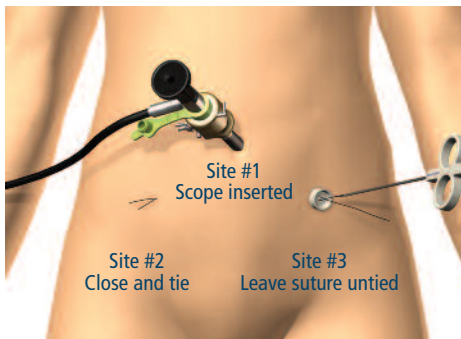
Try to align perpendicular to vessel.

Suturing Tips



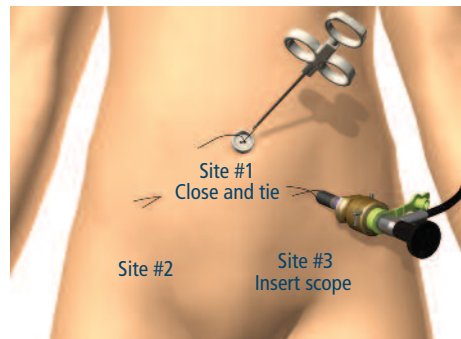
- To aid in smooth passage through tissue, ensure that the suture rests within the recessed portion of the suture passer.
- Recommended use with braided suture, monofilament suture can be too thick when doubled and may not allow the jaws of the Carter-Thomason CloseSure System® suture passer to close completely.
- To make suture retrieval easier, orient the suture toward the adjacent hole of the Pilot guide.

Closing Multiple Port Sites Under Direct Visualization



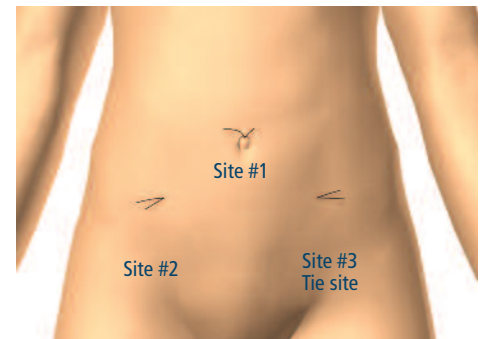
STEP 1

- Use the laparoscope inserted in Site #1 to visualize Sites #2 and #3.
- Perform the CloseSure procedure on Site #2 and tie the suture.
- Initiate the CloseSure procedure on Site #3 but leave the suture untied.



STEP 2

- Move the laparoscope to Site #3 and visualize Site #1.
- Perform the CloseSure procedure on Site #1 and tie the suture.



STEP 3

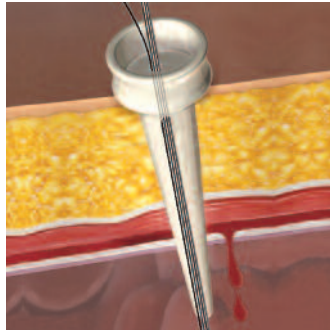
- Remove the laparoscope from Site #3 and tie the suture to complete closure of all port sites under direct visualization.

Ligating Bleeding Abdominal Wall Vessels



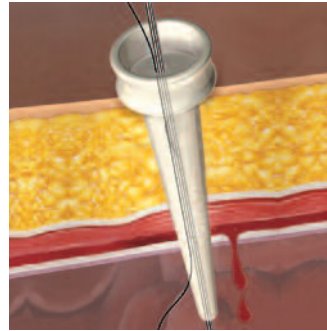
STEP 1

- Insert the Pilot® Guide with the holes aligned perpendicular to capture the vessel.



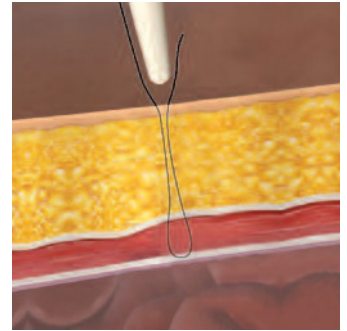
STEP 2

- Use the suture passer to push suture material through the Pilot Guide, fascia, muscle and peritoneum into the abdomen.
- Drop the suture and remove the suture passer.



STEP 3

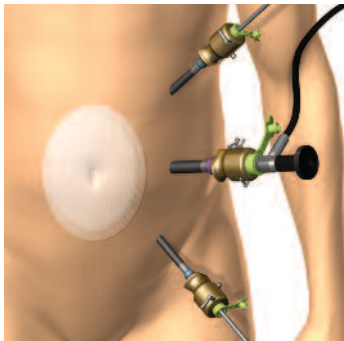
- Push the suture passer through the opposite side of the Pilot Guide and surround the vessel.
- Pick up the suture and pull back through the peritoneum, muscle, fascia and Pilot Guide.



STEP 4

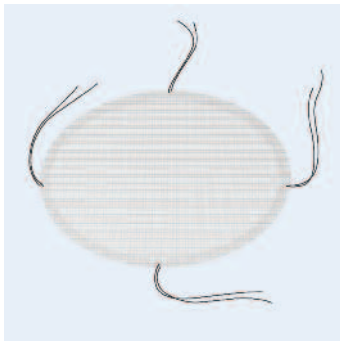
- Remove the Pilot Guide and tie off the bleeding vessel.

Hernia Repair



STEP 1

- Measure the defect.
- Tailor a patch so that it extends approximately 3-5 cm beyond the hernia defect in all dimensions.

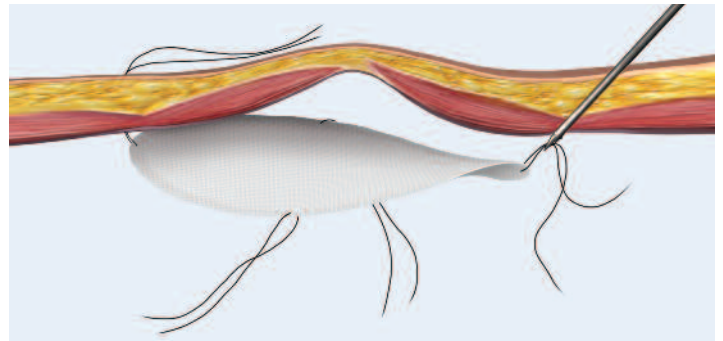


STEP 2

- Place four non-absorbable sutures, approximately 15-20 cm in length, at the edge of the patch in equidistant locations.

STEP 3

- Roll the patch along its long axis.
- Under visualization, introduce the patch into the abdomen through a trocar.



STEP 4

- Make four small incisions corresponding to the placement of each of the pre-tied sutures.
- Insert the Carter-Thomason® suture passer into the skin nick at an angle to capture the fascia.
- Push the suture passer through the fascia, muscle and peritoneum.
- Grasp one tail of the suture and pull it back through the skin; release the suture.

STEP 5

- Place the suture passer through the same skin nick again but at an opposite angle and repeat the procedure outlined in Step 4.

STEP 6

- Perform Steps 4 and 5 with the other three pre-tied sutures.

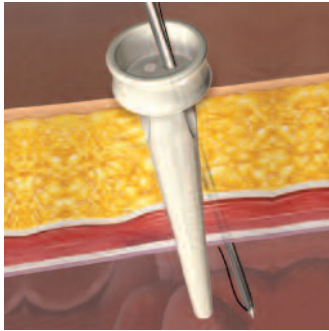
STEP 7

- Secure the mesh with tacks around its circumference and perform a full-thickness closure of all port sites using the appropriate Pilot Guides, making sure no intra-abdominal structures have been inadvertently captured.

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

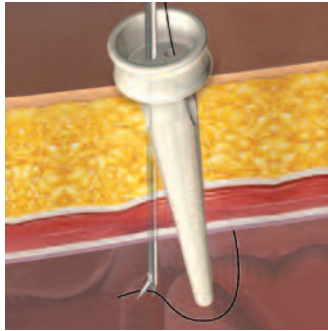
CARTER-THOMASON
CloseSure System®

Full-thickness Trocar Wound Closure Procedure



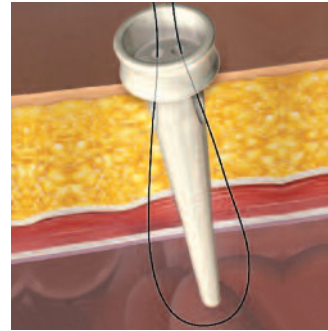
STEP 1

- 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.



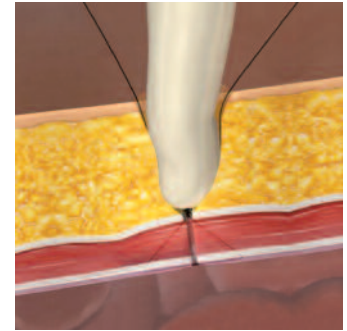
STEP 2

- 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.



STEP 3

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



STEP 4

- Remove the Pilot Guide and tie off the suture.

Result:
Complete fascial closure.

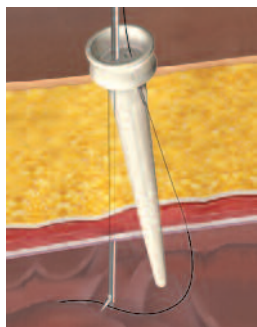


Using the 15 mm Pilot® Guide



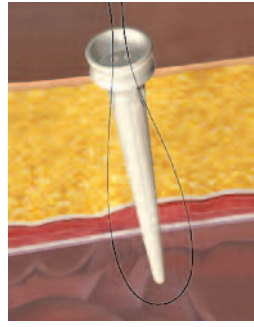
STEP 1

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



STEP 2

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



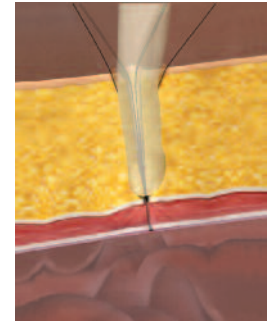
STEP 3

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



STEP 4

- Complete a second pass by replacing Steps 1-3 using another piece of suture and holes 3 and 4.



STEP 5

- Remove the Pilot Guide and tie off the suture.

Result:
Complete fascial closure.





Ordering Information		
Product	Order Number	Contents
Carter-Thomason CloseSure System®	CTI-512N	<ul style="list-style-type: none"> • Carter-Thomason CloseSure suture passer • Pilot® Guides: (1) 5 mm, (1) 10/12 mm • Sterile/Single-use • Qty: 5 systems per box
Carter-Thomason CloseSure System	CTI-1015N	<ul style="list-style-type: none"> • Carter-Thomason CloseSure suture passer • Pilot Guides: (1) 10/12 mm, (1) 15 mm • Sterile/Single-use • Qty: 5 systems per box
Carter-Thomason CloseSure System XL®	CTXL	<ul style="list-style-type: none"> • Carter-Thomason CloseSure suture passer XL • Pilot Guides: (1) 10/12 mm XL, (1) 15 mm XL • Sterile/Single-use • Qty: 3 systems per box
15 mm Pilot Guide	PG-15S	<ul style="list-style-type: none"> • (1) 15 mm • Sterile/Single-use • Qty: 5 guides per box
Pilot Guides	PG-5/10	<ul style="list-style-type: none"> • Pilot Guides: (1) 5 mm, (1) 10/12 mm • Sterile/Single-use • Qty: 5 sets per box



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.

Find out how the Carter-Thomason CloseSure System can benefit your practice... and your patients. Call 1.800.243.2974 or 203.601.5200 or visit www.coopersurgical.com. Also, see us on YouTube at www.YouTube.com/CooperSurgical.

203.601.5200 | 800.243.2974 | coopersurgical.com | 95 Corporate Dr. | Trumbull, CT 06611