

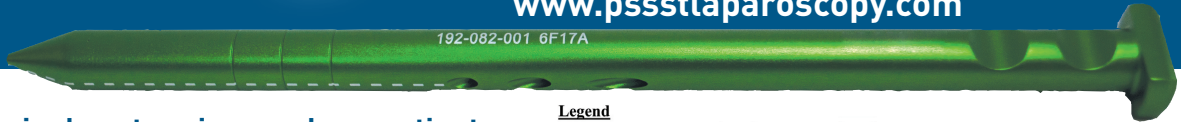


PSSST!

HAVE YOU HEARD ABOUT THE...

Port Site Suture System Trocar

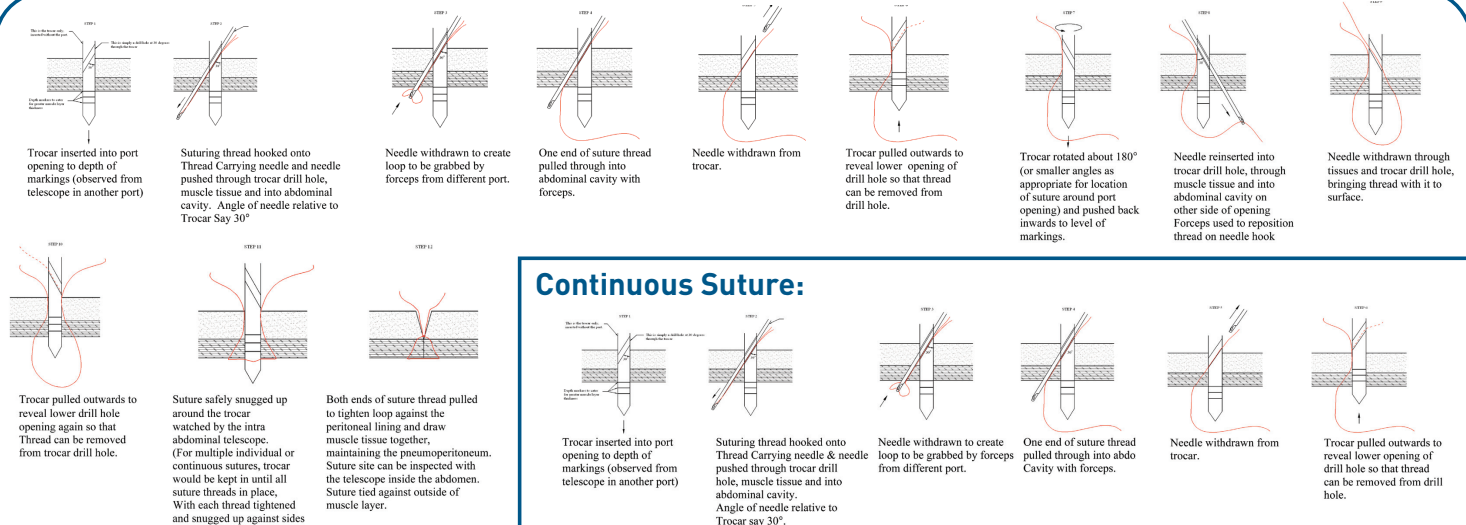
www.pssstlaparoscopy.com



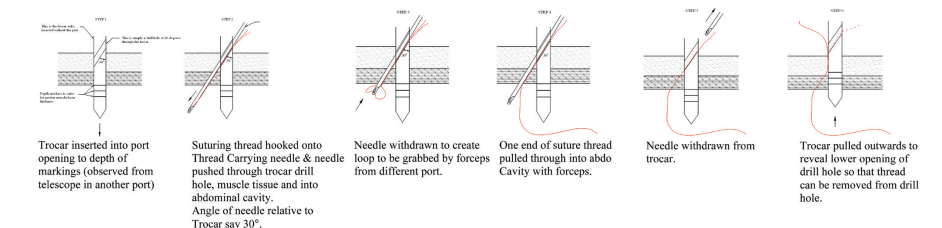
Example of a single suture in non obese patients:

Legend

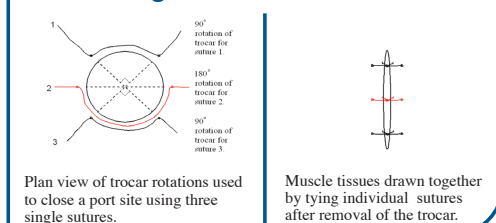
— Suture thread ■ Fat tissue ■ Muscle tissue



Continuous Suture:



Three Single Sutures:



Changes to Increase Accuracy and to Suture Port Sites in Obese Patients:

Ligating a Bleeding Epigastric Artery:

The PSSST can also be used to ligate a bleeding superior or inferior epigastric artery through which a port has been inadvertently passed.

The PSSST is inserted through that port site and the dotted orientation line placed to one side of the bleeding point. The needle and suture is inserted into the abdominal cavity as above and the needle withdrawn. The trocar is revolved so the dotted line lies at the other side of the bleeding point and the needle reinserted to retrieve the end of the suture. The suture is now around the offending artery and when the knot is tied the bleeding will stop. The other end of the artery at the opposite side of the port site may require ligating similarly.

Repair of Established Port Site Hernias:

The Port Site Suture System Trocar (PSSST) can also be used for repairing an established port site hernia. This involves the production of an instrument that can pass down a 5mm port which is effectively a narrow rod with a cup shaped end to guide trocar into the abdominal cavity through the hernia site from within the peritoneal cavity. It is represented in the diagram below: Alternatively the end of a sucker could be used as the guide.

