Laparoscopic abdominal surgery requires a hole or “port site” in the abdomen. The port site must be closed, of course, after Lap surgery. While Lap surgery itself is minimally invasive, herniation, or protrusion of abdominal tissue through the port site after closure (commonly referred to as trocar site hernia, or TSH, among doctors), can lead to morbidity due to small bowel strangulation, for example, or nerve and vessel entrapment, resulting in infection, bleeding and pain.

neoClose® works by the use of a Vector X closure, approximating the tissue together and tying into place for a secure closure with up to 75% less tension compared to standard closed loop suture.

"...neoClose® represents nothing short of a complete paradigm shift (for port site closure)," says James A. Greenberg, M.D. (2)

neoClose® is FDA-cleared for sale in the United States and CE-marked for sale in Europe.

Hospitals across the US have now used neoClose more than 6000 times to reduce the risk of TSH (trocar site herniation).


2. Chief of the Division of Gynaecology at Brigham and Women’s Faulkner Hospital, and an Associate Professor at Harvard Medical School. (Source: Contemporary OB/GYN, August 2014)