



Reduce Incisions in Laparoscopic Surgery

Liver retraction is often required to maintain adequate visualization of the surgical target in bariatric and other laparoscopic procedures. Until now, retraction devices have required additional incisions and manual retraction, making the procedure more invasive than necessary.

With EndoLift, the groundbreaking internal hands-free retractor, surgeons can improve patient safety and satisfaction.



EndoLift™

Less Incisions, Less Invasive, Less Risk

EndoLift is a hands-free retractor that lifts the liver and anchors it to the abdominal wall to expose the underlying organs. EndoLift is inserted into the abdominal cavity with a proprietary Applier through an existing port, minimizing the need for incisions. A telescopic stainless-steel bar is used to retract the liver while two anchoring clips hold it in place.

Safety Features

EndoLift was designed to provide the following safety benefits:

- ▶ Reduce the number of incisions resulting in a less invasive procedure and less post-operation pain. Reduced risk of infection and reduced scarring.
- ▶ Internal anchoring prevents unnecessary pressure on the liver and other organs. A control mechanism releases the device if the pressure on the liver is too great.
- ▶ Round bar and smooth plastic covering to prevent punctures or other damages.

The Convenient Choice

EndoLift is composed of a telescopic bar and two articulated anchoring clips. The device is arranged in a single line for insertion through a 5mm or larger port and assumes its operative shape inside the cavity.

The anchoring clips are positioned at a 90° angle to the bar, facing the surgeon for increased convenience. A unique structure enables a flexible choice of the direction and angle of lifting.

EndoLift is hands-free, allowing surgeons to focus on the task at hand. Furthermore, it does not require anchoring to any external device that limits the patient's position and adds clutter to the operating table.

About Virtual Ports

Founded in May 2006, Virtual Ports, Ltd. is a medical device company focusing on developing and marketing patented products that improve minimally invasive procedures.



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