

# The Evolution of **Minimally Invasive Surgery**

## Solution

- Laparo-Endoscopic Single Site Surgery
- Single Incision Laparoscopic Surgery
- Single Port Access



## **MiniLap** **Presision**

With No Incision

# MiniLap

## Precision With No Incision

### The Evolution of MINimally Invasive Surgery

Stryker distributes a new one-of-a-kind ultra minimally invasive instrument line: MiniLap. These instruments allow for access and instrumentation in one precision-crafted laparoscopic device.

Designed with percutaneous capabilities, MiniLap instruments are 2.3mm in diameter and offer both surgeon and patient benefits. The access insertion needle allows for time-saving entry into the abdominal cavity and also eliminates surgical incision closure at the end of each procedure.

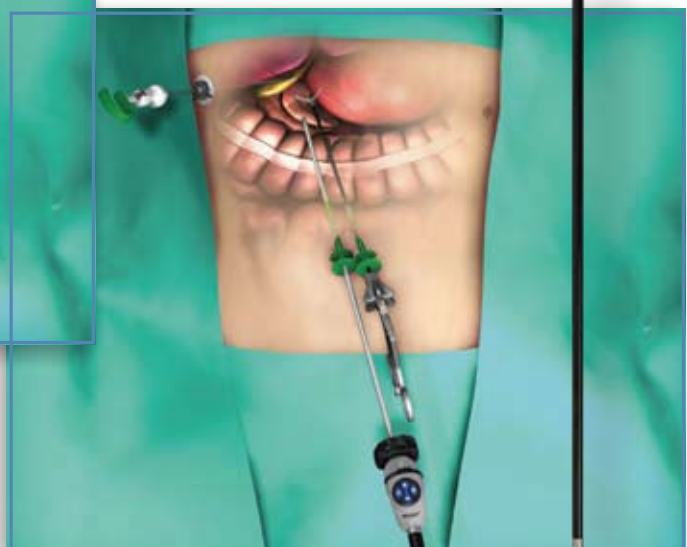
MiniLap's ultra slim design and incisionless entry capabilities can help reduce patient scarring.

The stainless steel instrumentation tip and stabilizing pivot disk provide great strength to secure, retract, and manipulate human tissue and organs. Available in multiple tip styles, MiniLap instruments can be used for percutaneous access in a wide variety of laparoscopic procedures.

MiniLap is manufactured by Mini-Lap Technologies Inc., and is distributed by Stryker



**Standard Laparoscopic Cholecystectomy**  
Three-Port Technique



**Laparoscopic Cholecystectomy**  
Single Incision

# MiniLap

## Precision With No Incision

### Features & Benefits

- » Unique tip closure design to prevent damage of tissue
- » Access and instrumentation in one
- » No surgical incision closure necessary
- » Reduces scarring
- » Entry-depth control through retention and pivot disc
- » Ease of use
- » Retention of abdominal pressure
- » Available in a number of commonly used device tip configurations
- » Self-sealing without compromising insufflation pressure
- » No reprocessing or capital costs

#### Insertion Needle

With the device in the "armed" position the exposed insertion needle may be easily passed directly through the skin and underlying layers of the abdominal wall without the need for a skin-nick.

#### Instrument Deployment

When the obturator is advanced the needle tip is safely covered and cannot be exposed due to the integrated safety lock.

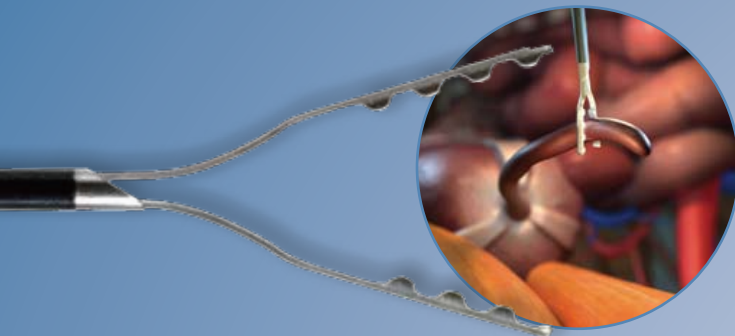
#### Active Instrument Tip

A full line of precision crafted tips designed for ease of use and improved patient care.



#### MiniLap Alligator Clamp 255-000-001

This grasper features aggressive jaws that are designed to grab and retract tissue such as the gallbladder, muscle or fascia or specimen tissue.



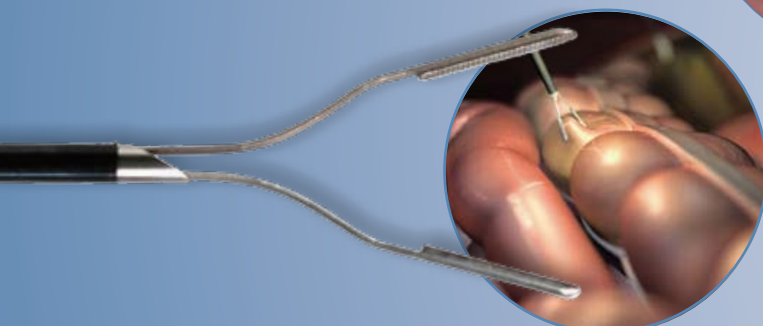
#### MiniLap Clutch Clamp 255-000-002

This minimally traumatic device has a set of softened interlocking tines that can help to grasp and retract tissue such as a stomach, esophagus, duodenum, appendix or ovary.



#### MiniLap Babcock Clamp 255-000-003

This atraumatic device is designed to secure and retract vascular or infundibular structures.



#### MiniLap Bowel Clamp 255-000-004

This grasper is an atraumatic device with slight serrations to grasp and retract sensitive tissue such as the bowel or bladder.



# A Single Solution for Any Port



## MiniLap

Stryker's MiniLap line combines access and instrumentation in one device. These 2.3mm ultra minimally invasive instruments assist in the manipulation, retracting, and grasping of human tissue while reducing patient scarring and eliminating the necessity of port suture closure.



## Laparoscopes

IDEAL EYES™ 5mm Bariatric Length (45cm)

Providing excellent visualization, Stryker's 45cm IDEAL EYES™ laparoscopes offer extended length to allow for the off-setting of instrumentation during single port surgery.



## Visualization

Stryker Right Angle Adaptor and 1288 Inline Camera Head

Designed to enhance ergonomics during single port surgeries, the right angle light cord adaptor and 1288 HD inline camera head work to align the light cord and camera cable, creating optimal work space for the manipulation of laparoscopic instruments during single port surgeries. Stryker's IDEAL EYES™ 45cm laparoscopes and 1288 HD inline camera head provide optimal functionality and visualization for single port surgeries.



## Laparoscopic Instruments

33cm and 45cm

Stryker's durable laparoscopic instruments are offered in both 33cm and 45cm lengths to allow for the off-setting of instrumentation during single incision surgery. This design decreases instrument interference and creates optimal work space to maneuver instrumentation.

## Wingman®

Pneumatic Scope Holder

Optimize ergonomics and space in standard and single incision surgeries with Stryker's Wingman™ pneumatic scope holder. Designed to accommodate any 5mm or 10mm endoscope and camera head, the Wingman™ provides a stable and steady image while freeing up an extra hand in the OR.



**stryker**®

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