

# Get a firm grasp on ligation.

Polymeric absorbable clips are an acceptable alternative to metallic clips in laparoscopic cholecystectomy.<sup>1,2,3</sup>



## Making the case for the Lapro-Clip™ Ligation System

### 1 Lapro-Clip™ vs. the competition

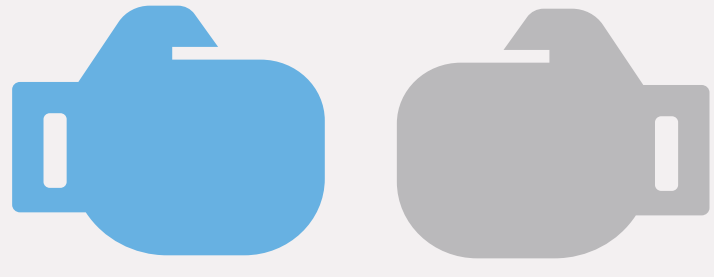


Two-part compression closure mechanism includes anti-slip notch  
Anti-slip notch may assist in the reduction of clip migration



Lapro-Clip™ closes front to back (distal to proximal) while Hem-o-lok™ clip closes from back to front (proximal to distal)  
Tissue hydraulics will allow tissue to extrude out of the jaws with a back to front closure<sup>4</sup>

### 2 Clips vs. Sutures<sup>5</sup>



Time taken to physiologically secure ligated arteries

**1 day** vs **4 days**  
with CLIPS vs with SUTURES

Time needed for maximum security of arteries

**7 days** vs **14 days**  
with CLIPS vs with SUTURES

### 3 Absorbable clips vs. metallic clips



In an animal study, absorbable clips retention force provides greater holding strength than titanium clips<sup>1</sup>

Lapro-Clip™ absorbable polymer clips compression closure mechanism may provide a more secure closure than clips with latch closure mechanisms by reducing the risk of tissue interposition<sup>3</sup>

### 4 Procedural Satisfaction<sup>3</sup>



of patients (n=233) experienced satisfactory results at 1-month post-op



High degree of operator satisfaction with Lapro-Clip™ loading mechanism, security, and clip closure

### 5 Complications with Weck Hem-o-lok™\*<sup>6</sup>

4 patients developed **Bladder Neck Contractures (BNC)** following robot-assisted laparoscopic prostatectomy (RALP)

Hem-o-lok™ clip found in 2 patients with **obstructive lower urinary tract symptoms** developing BNC that did not respond to dilation or transurethral incision

2 cases of Hem-o-lok™ clip migration into the urinary tract



**28 additional reported adverse events** from July 2005 to June 2007

Several Hem-o-lok™ clips found in a patient with **pelvic bleed** and **recurrent clot retention**

Locking clips may result in **delayed hemorrhage**<sup>7</sup>

### 6 Absorbable Clip Advantages



7 days post-op, absorbable clip maintained 80% strength<sup>1</sup>



Use of absorbable clip may decrease incidences associated with metal clips<sup>8</sup>

Experience the Lapro-Clip™ Ligation System today.

Contact your Covidien rep: **1-800-722-8772**

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