Better than another set of hands™

This self-retaining retractor system offers superior visualization, organization and efficiency for a wide range of surgical procedures.
Simple Technique in

3 Simple Steps:

1. Place the Retractor Ring around the initial incision. Insert Elastic Stay hooks into tissue and retract in directly opposing quadrants. Slots on ring allow easy placement for equal and constant tension.

2. As dissection progresses, reposition hooks and add new ones as needed to achieve full, balanced retraction from any angle.

3. When closing, place stays along axis of the incision to create tension to facilitate precise staple or suture placement.

Surgical Applications:

Gynecology
Urology
Colon/Rectal
General Surgery
ENT Surgery
Plastic Reconstructive
Hand/Ankle Surgery
Podiatry
Neurologic Surgery

Hirshsprung's Procedure
Marc Levitt, MD
Cincinnati Children's Hospital Medical Center

Lone Star Retractor System™ from CooperSurgical is visibly different, visibly better. Quite simply, it opens up a whole new way to operate. The self-retaining design frees OR staff to perform other tasks, saves time and expense, and eliminates clutter at the surgical site.

You, and your patient, get the benefit of speed and precision in opening the pathway. The highly flexible system of Rings and Stays easily adapts to the anatomical site. It quickly repositions to reveal additional layers as the surgery proceeds.

Benefits

- The best unobstructed anatomical visualization of any retractor system
- Frees up OR personnel to perform other tasks
- Applicable for a variety of surgical procedures
- Easy to use
- Variety of retractors and stays available for customizable site management
Retractor Rings

A multitude of options, yet simplicity itself.

Rings are available in a variety of flexible, articulating shapes appropriate to the surgical site, and are further customized via adjustable hinges. Disposable plastic models are lightweight, pre-sterilized and packaged singly in double-peel pouches for streamlined delivery to the surgical field. Slotted design keeps Elastic Stay hooks precisely where you need them.
Elastic Stay Hooks

For total customization.

Whether retracting delicate tissue or a more substantial structure, Elastic Stays quickly and safely adapt the Retractor Ring to the site’s exact anatomy. Choose from a wide array of shapes, sizes and materials designed to meet every surgical need. Packaging includes a slotted tray that facilitates delivery to the surgical field without glove puncture, and improves accountability when procedures are complete.
Innovative Surgical Solutions for Improved Health Care Delivery

**Disposable Retractor Ring Specifications**

Made of Noryl® resin, the disposable Retractor Rings are pre-sterilized and packaged singly in double peel-pouches for easy delivery to the sterile surgical field.

<table>
<thead>
<tr>
<th>Code</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>3301G</td>
<td>25.3 cm x 11.3 cm</td>
</tr>
<tr>
<td>3302G</td>
<td>22 cm x 11.3 cm</td>
</tr>
<tr>
<td>3304G**</td>
<td>32.5 cm x 18.3 cm</td>
</tr>
<tr>
<td>3307G</td>
<td>14.1 cm x 14.1 cm</td>
</tr>
<tr>
<td>3308G**</td>
<td>28.3 cm x 18.3 cm</td>
</tr>
<tr>
<td>3309G</td>
<td>18.6 cm x 8.9 cm</td>
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<tr>
<td>3310G*</td>
<td>25.0 cm x 25.0 cm</td>
</tr>
<tr>
<td>3715**</td>
<td>16.6 cm x 16.6 cm</td>
</tr>
</tbody>
</table>

*Can be assembled in several configurations
**Packaged singly with 2 catheter clips

**Stay Hook Specifications**

- **3205-8G**: 5 mm semi-blunt PRO-Stay, 8/pack
- **3311-1G**: 5 mm sharp hook, 50/case
- **3311-8G**: 5 mm sharp hook, 8/pack
- **3314-1G**: 3 mm sharp hook, 50/case
- **3314-8G**: 3 mm sharp hook, 8/pack
- **3316-1G**: 5 mm blunt hook, 50/case
- **3316-8G**: 5 mm blunt hook, 8/pack
- **3325-4G**: 5 mm two-finger, 4/pack
- **3327-4G**: 7 mm two-finger, 4/pack
- **3329-4G**: 9 mm two-finger, 4/pack
- **3330-4G**: 13 mm x 16 mm solid blade, 4/pack
- **3331-4G**: 13 mm Spira blunt hook, 4/pack
- **3332-4G**: 14 mm x 16 mm two-finger, 4/pack
- **3333-4G**: 16 mm Spira two-finger, 4/pack
- **3334-4G**: 20 mm x 16 mm four-finger, 4/pack
- **3335-4G**: 20 mm Spira three-finger, 4/pack
- **3338-4G**: 6.5 mm x 16 mm solid blade, 4/pack
- **3350-1G**: 12 mm blunt hook, 50/case
- **3350-8G**: 12 mm blunt hook, 8/pack
- **3350L-4G**: 12 mm blunt hook, elongated lead, 4/pack
- **3384-4**: 12 mm two-finger blunt hook, 4/pack
- **3550-1G**: 12 mm blunt hook, dual lead, 50/case

*S0/case Stays are individually wrapped.
All Stay Hooks are single-use.

**Gynecology Kit**
- One large snowman disposable retractor ring, 32.5 cm x 18.3 cm – Model # 3304G
- One eight-pack of 5 mm sharp hook stays – Model # 3311-8G

**Colorectal Kit**
- One square disposable retractor ring, 14.1 cm x 14.1 cm Model # 3307G
- One eight-pack of 5 mm sharp hook stays – Model # 3311-8G

US Patent Nos. 5,785,649; 5,964,697

Lone Star Retractor System™ and Better Than Another Set of Hands™ are trademarks of CooperSurgical, Inc. Noryl® is a registered trademark of GE.

CooperSurgical is the leading company dedicated to providing medical devices and procedure solutions that improve health care delivery to women regardless of clinical setting. Our company is fostering that position through expansion of its core businesses and introduction of advanced technology-based products which aid clinicians in the management and treatment of commonly seen conditions.

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