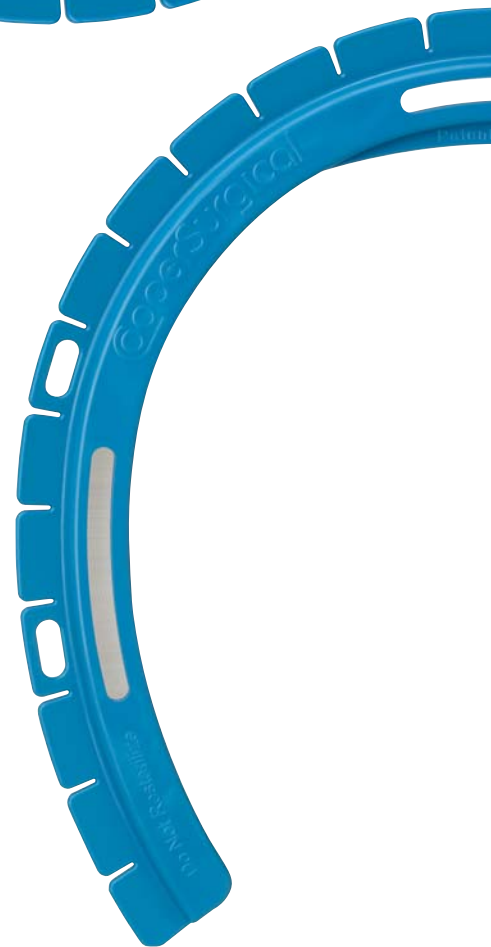
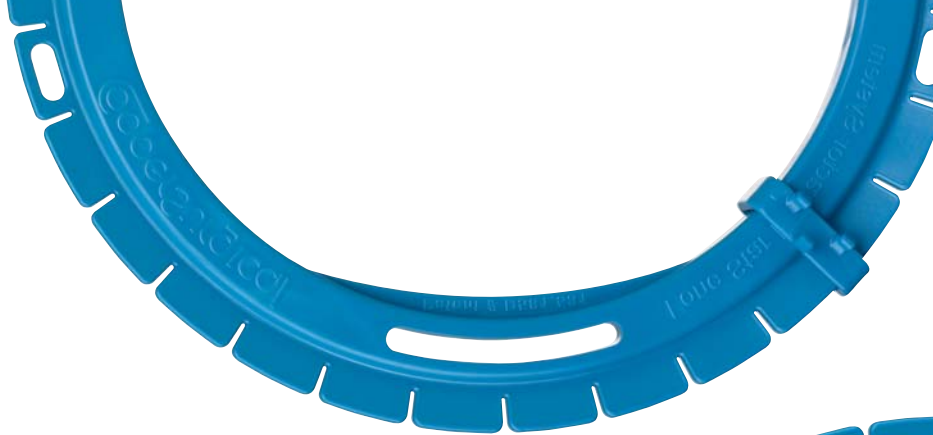


# Lone Star™

RETRACTOR SYSTEM

## Better than another set of hands™

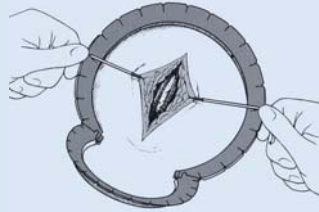
This self-retaining retractor system offers superior visualization, organization and efficiency for a wide range of surgical procedures



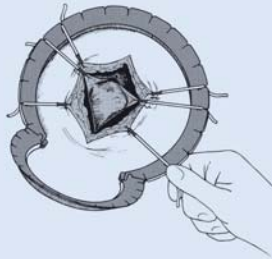
# Simple Technique in

## 3 Simple Steps:

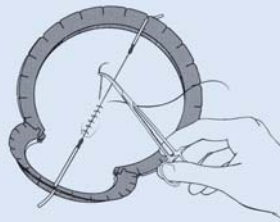
1. Place the Retractor Ring around the initial incision. Insert Elastic Stay hooks into tissue and retract in directly opposing quadrants. Slots on ring allow easy placement for equal and constant tension.



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

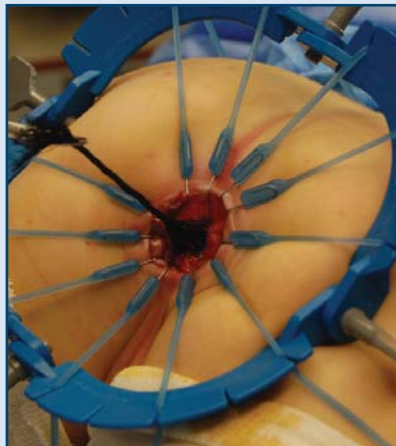


3. When closing, place stays along axis of the incision to create tension to facilitate precise staple or suture placement.



## 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

## Comprehensive. Self-Retaining. Surgery just got simpler.

### 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

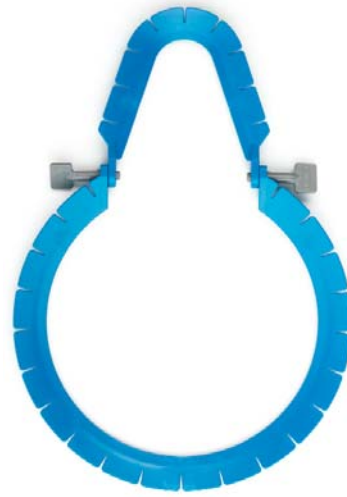
The Lone Star Retractor System™ from CooperSurgical is visibly different, visibly better. Quite simply, it opens up a whole new way to operate. The self-retaining design frees OR staff to perform other tasks, saves time and expense, and eliminates clutter at the surgical site.

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.

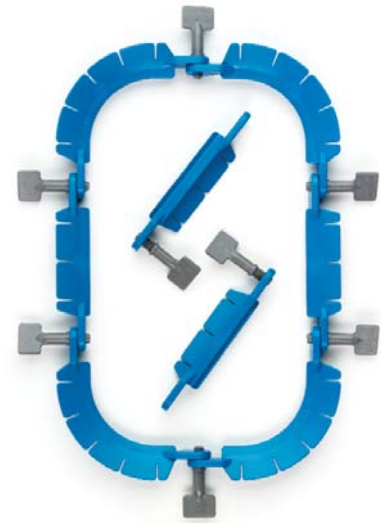


Pelvic Floor Repair

Red Alinsod, MD  
South Coast Urogynecology



3308G



3310G



Anterior Repair

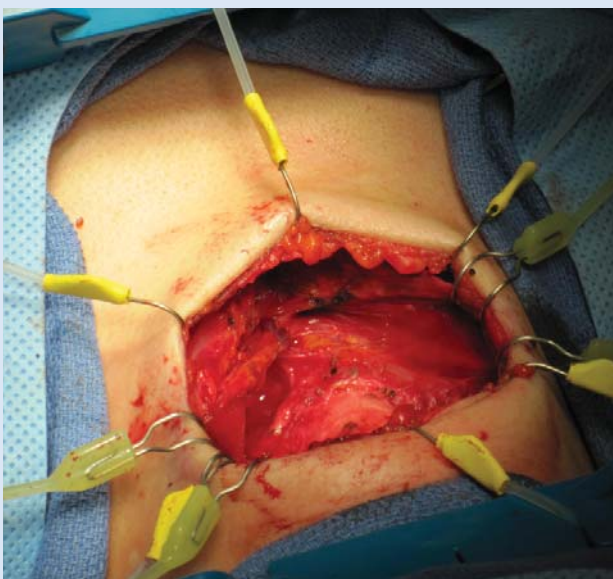
Red Alinsod, MD  
South Coast Urogynecology

## THE SYSTEM

### Retractor Rings

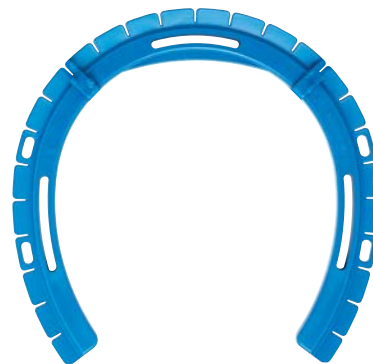
**A multitude of options, yet simplicity itself.**

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.



Thyroidectomy

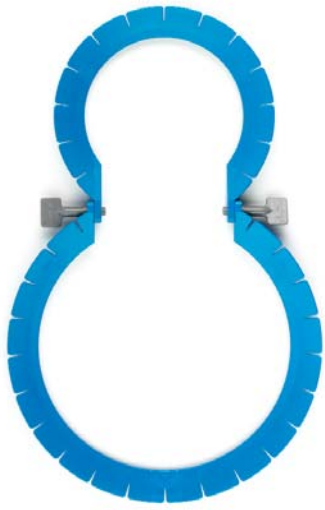
Cynthia Kennedy, MD  
St. Vincent's Medical Center



3715



3302G



3304G

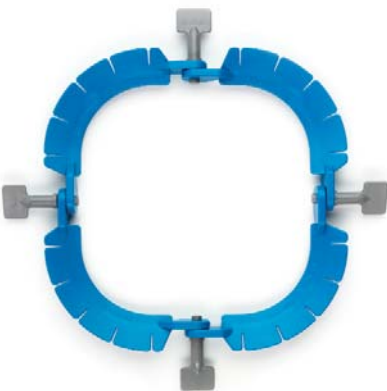


3301G

## 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.



3307G



3309G

## Rake Hooks



3330



3331



3332



3334



3335

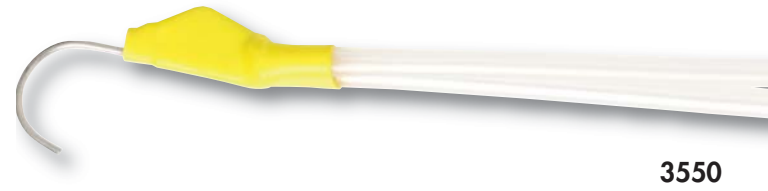
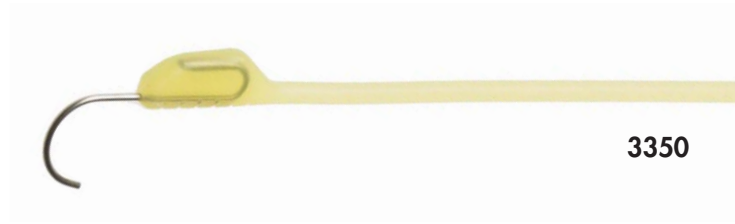


3338

## Sharp Hooks



## Blunt Hooks



# Lone Star Self-Retaining Retractor System

Self-retaining retractor system that is better than another set of hands.

## Stay Hook Specifications

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

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

## 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.

<b>3301G</b>	25.3 cm x 11.3 cm
<b>3302G</b>	22 cm x 11.3 cm
<b>3304G**</b>	32.5 cm x 18.3 cm
<b>3307G</b>	14.1 cm x 14.1 cm
<b>3308G**</b>	28.3 cm x 18.3 cm
<b>3309G</b>	18.6 cm x 8.9 cm
<b>3310G*</b>	25.0 cm x 25.0 cm
<b>3715**</b>	16.6 cm x 16.6 cm

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

<b>3704</b>	<b>Gynecology Kit</b> <ul style="list-style-type: none"> <li>• One large snowman disposable retractor ring, 32.5 cm x 18.3 cm – Model # 3304G</li> <li>• One eight-pack of 5 mm sharp hook stays – Model # 3311-8G</li> </ul>
<b>3707</b>	<b>Colorectal Kit</b> <ul style="list-style-type: none"> <li>• One square disposable retractor ring, 14.1 cm x 14.1 cm Model# 3307G</li> <li>• One eight-pack of 5 mm sharp hook stays – Model # 3311-8G</li> </ul>

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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