

# Lone Star®

RETRACTOR SYSTEM

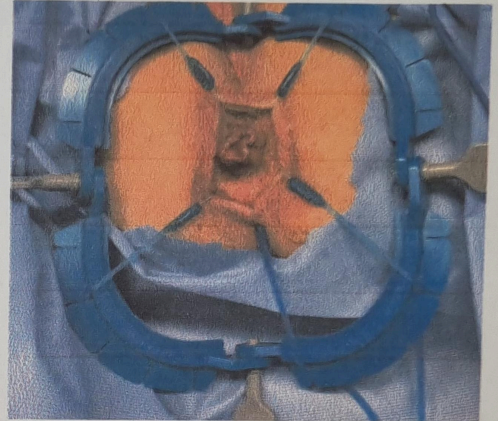
## Lone Star® Retractor System and Elastic Stays

Providing exceptional visibility and access for transanal colorectal procedures

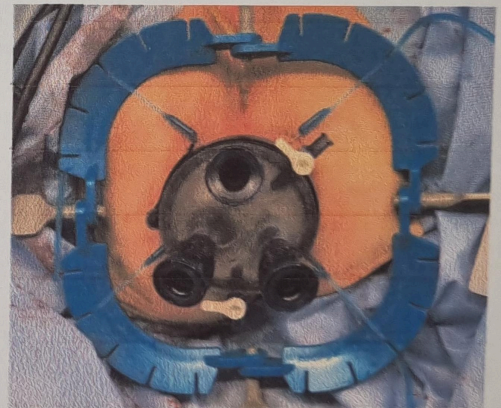
The Lone Star Retractor System offers simple, intuitive retraction at the surgical site to optimize access to patient anatomy and improve visibility. Highly flexible, the system can be used with or without a wide variety of accompanying stays that can be repositioned to reveal additional layers as the surgery progresses.

Lone Star Retractor System and elastic stays are used in an array of transanal procedures, for treatment of anal and rectal cancer, as well as benign transanal and anorectal conditions including:

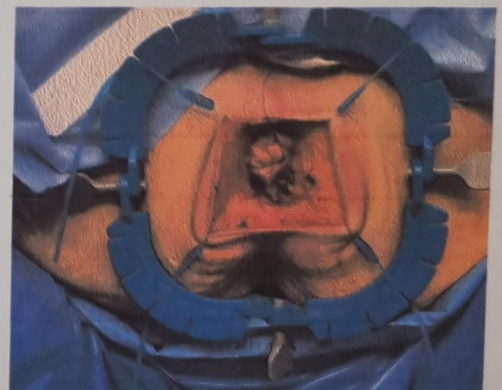
- taTME
- Fistulotomy
- Intersphincteric dissection
- Anal fistula repair
- Perineal proctectomy
- Sphincteroplasty
- Transanal pull-through for Hirschsprung disease
- Anorectal malformation



INTERSPHINCTERIC DISSECTION  
Matthew Albert, MD, FACS, FASCRS  
AdventHealth, Orlando, FL



taTME  
Matthew Albert, MD, FACS, FASCRS  
AdventHealth, Orlando, FL



ABDOMINAL PERINEAL RESECTION  
Matthew Albert, MD, FACS, FASCRS  
AdventHealth, Orlando, FL

## Elastic Stay Hooks

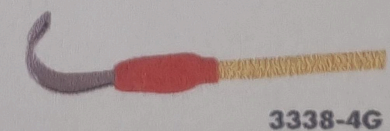
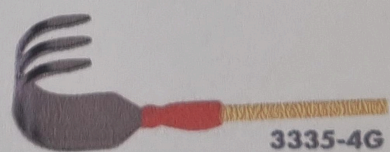
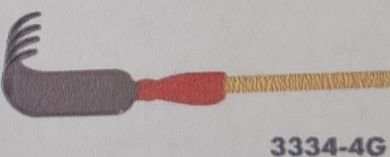
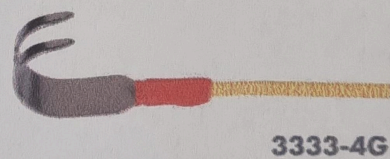
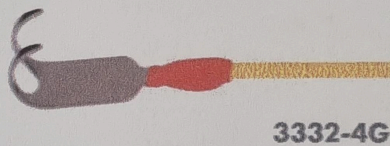
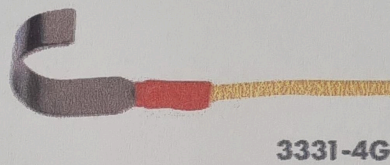
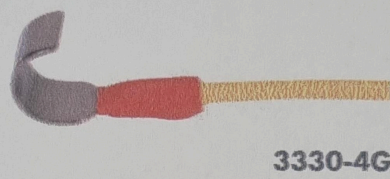
For Total Customization

Elastic stays quickly and safely adapt to the surgical site anatomy with or without the retractor ring.

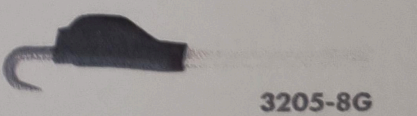
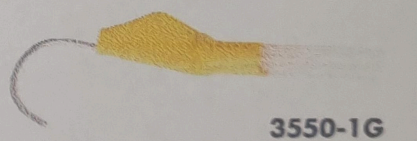
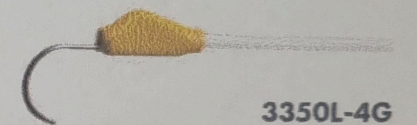
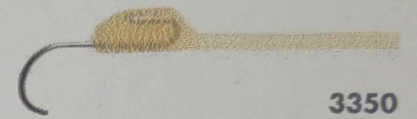
### SHARP HOOKS



### RAKE AND BLADE HOOKS



### BLUNT HOOKS



# Lone Star<sup>®</sup>

## RETRACTOR SYSTEM

Self-Retaining Retractor System That Provides Exceptional Visibility and Access

### Disposable Retractor Ring Specifications

| NUMBER | DESCRIPTION                        |
|--------|------------------------------------|
| 3301G  | Sterile plastic, 25.3 cm x 11.3 cm |
| 3302G  | Sterile plastic, 22.0 cm x 11.3 cm |
| 3304G* | Sterile plastic, 32.5 cm x 18.3 cm |
| 3307G  | Sterile plastic, 14.1 cm x 14.1 cm |
| 3308G* | Sterile plastic, 28.3 cm x 18.3 cm |
| 3309G  | Sterile plastic, 18.6 cm x 8.9 cm  |
| 3310G  | Sterile plastic, 25.0 cm x 25.0 cm |
| 3715*  | Sterile plastic, 16.6 cm x 16.6 cm |

Made of Noryl<sup>®</sup> resin, the disposable retractor rings are pre-sterilized and packaged singly in double-peel pouches for easy delivery to the sterile surgical field.

\*Packaged singly with 2 catheter clips

### Stay Hook Specifications

| NUMBER   | DESCRIPTION                               |
|----------|---|
| 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 x 20 mm Spira blunt hook (4/pack)   |
| 3332-4G  | 14 mm x 16 mm two-finger (4/pack)         |
| 3333-4G  | 16 mm x 20 mm Spira two-finger (4/pack)   |
| 3334-4G  | 20 mm x 16 mm four-finger (4/pack)        |
| 3335-4G  | 20 mm x 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)     |

50/case stays are individually wrapped. All stay hooks are single-use.

### Lone Star Retractor Kits

| NUMBER | DESCRIPTION   |
|--------|---|
| 3704   | <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 stay hooks – Model #3311-8G (5 kits/box)</li> </ul> |
| 3707   | <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 stay hooks – Model #3311-8G (5 kits/box)</li> </ul>       |

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

Lone Star<sup>®</sup> Retractor System is a registered trademark of CooperSurgical, Inc.  
Noryl<sup>®</sup> is a registered trademark of SABIC Innovation Plastics.

800.243.2974 | 203.601.5200  
www.coopersurgical.com  
95 Corporate Drive, Trumbull, CT 06611

**CooperSurgical**  
Medical Devices