

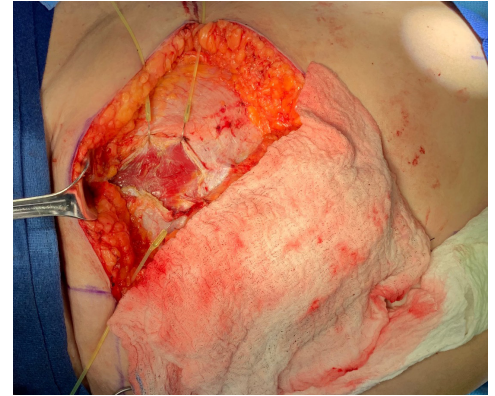
## Lone Star<sup>®</sup> Retractor System and Elastic Stays

Providing exceptional visibility and access for microvascular breast surgery procedures.

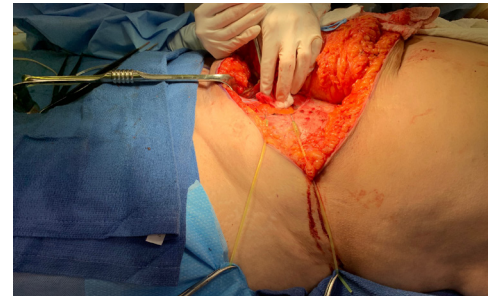
The Lone Star Retractor System offers simple, intuitive retraction at the surgical site designed to optimize access to patient anatomy and improve visibility. Highly flexible, the system can be used with or without a wide variety of accompanying stays that can be repositioned to reveal additional layers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

Lone Star Retractor System elastic stays are used in an array of microvascular breast procedures.

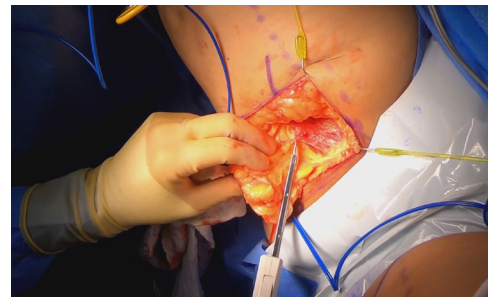
- DIEP (deep inferior epigastric perforator) flap
- TUG (transverse upper gracilis) flap
- PAP (profunda artery perforator) flap
- ALT (anterolateral thigh) flap
- LTP (lateral thigh perforator) flap



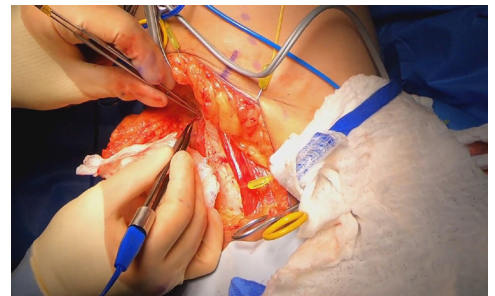
DIEP (DEEP INFERIOR EPIGASTRIC PERFORATOR) FLAP  
Oscar Ochoa, MD  
PRMA Plastic Surgery, San Antonio, TX



DIEP (DEEP INFERIOR EPIGASTRIC PERFORATOR) FLAP  
Oscar Ochoa, MD  
PRMA Plastic Surgery, San Antonio, TX



PAP (PROFUNDA ARTERY PERFORATOR) FLAP  
Ramon Garza, MD & Oscar Ochoa, MD  
PRMA Plastic Surgery, San Antonio, TX



PAP (PROFUNDA ARTERY PERFORATOR) FLAP  
Ramon Garza, MD & Oscar Ochoa, MD  
PRMA Plastic Surgery, San Antonio, TX

# Lone Star®

## RETRACTOR SYSTEM

### Customizable System Adapts and Flexes to Your Needs

Retractor rings are flexible by design, while the elastic stays quickly and safely adapt the retractor ring to site anatomy. The result is greater exposure and autonomy for your procedure.

#### Disposable Retractor Ring Specifications

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

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.

\*Packaged singly with 2 catheter clips

#### Stay Hook Specifications

NUMBER	DESCRIPTION
<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 x 20 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 x 20 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 x 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.

#### Lone Star Retractor Kits

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

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

Lone Star® Retractor System is a registered trademark of CooperSurgical, Inc.  
Noryl® 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