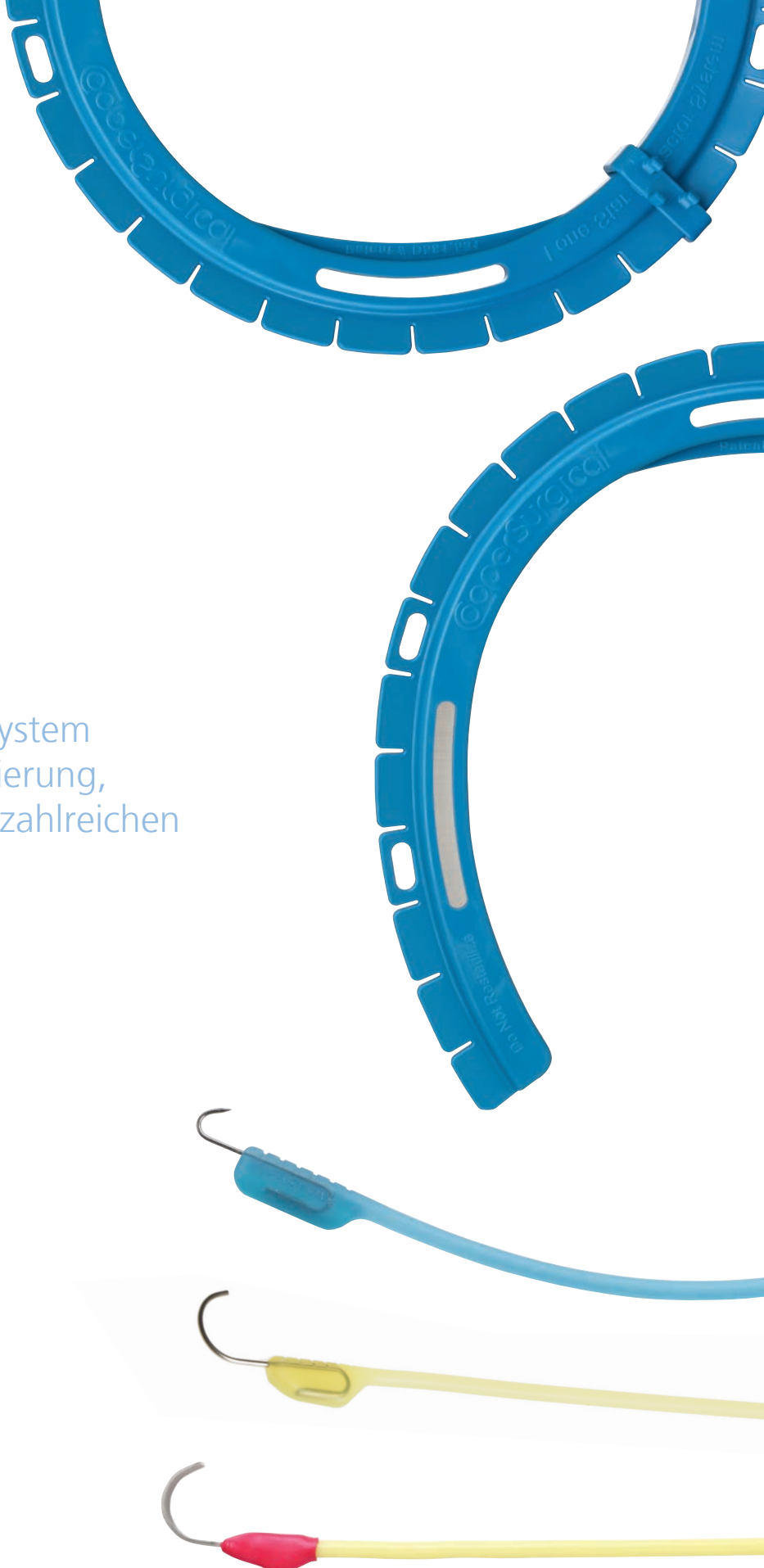


# Lone Star™

RETRACTOR SYSTEM

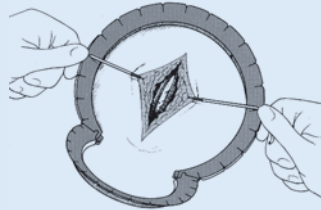
Das selbsthaltende Retraktor-System bietet eine verbesserte Visualisierung, Organisation und Effizienz bei zahlreichen chirurgischen Eingriffen.



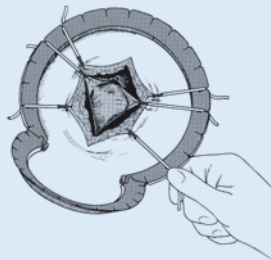
# Einfache Technik

## in 3 einfachen Schritten:

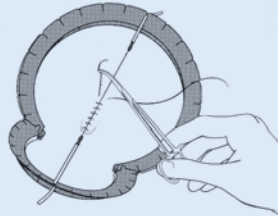
1. Positionieren Sie den Retraktor-Ring zum den ursprünglichen Einschnitt. Setzen Sie die mit elastischen Streben versehenen Haken in das Gewebe ein und spreizen Sie es in entgegengesetzte Richtungen. Die Schlitze auf dem Ring erlauben eine einfache Befestigung mit gleichmäßiger, konstanter Spannung.



2. Im Verlauf der Dissektion die Haken neu positionieren und bei Bedarf weitere Haken hinzufügen, um eine vollständige, symmetrische Spreizung zu erreichen.



3. Bei Verschließen der Wunde die Streben längs der Wundachse einsetzen, um eine Spannung zu erzeugen, die eine präzise Positionierung der Klammern oder Stiche ermöglicht.



## Chirurgische Einsatzbereiche:

Gynäkologie

Urologie

Kolon/Rektal

Allgemeinchirurgie

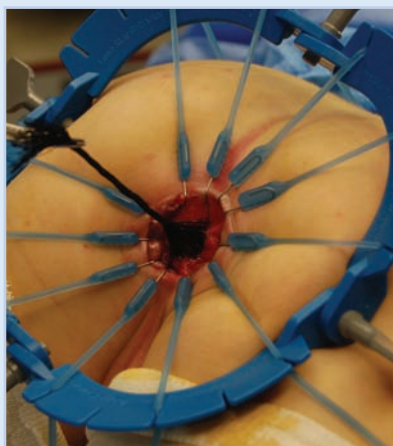
HNO-Chirurgie

Plastische und rekonstruktive Chirurgie

Hand-/Fußgelenk-Chirurgie

Podiatrie

Neurologische Chirurgie



Operative Behandlung von M. Hirschsprung  
Dr. Marc Levitt  
Cincinnati Children's Hospital Medical Center

# Lone Star™

RETRACTOR SYSTEM

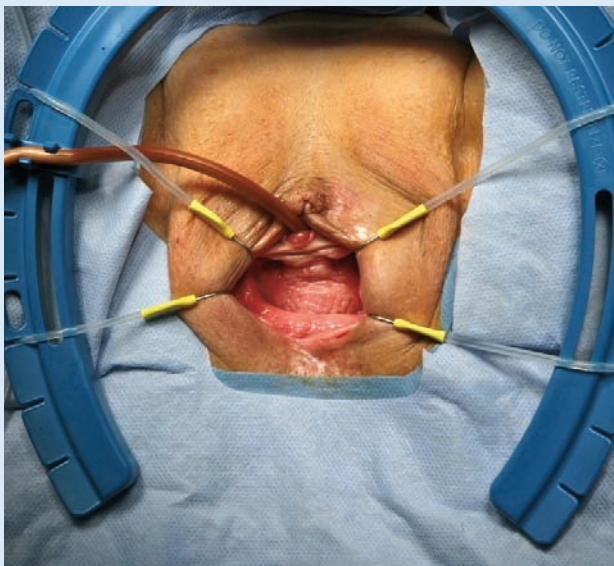
## Umfassend. Selbsthaltend. Chirurgie ist ein bisschen einfacher geworden.

### Vorteile

- Unter allen Retraktor-Systemen die beste hindernislose Darstellung der Anatomie
- OP-Personal kann andere Aufgaben übernehmen
- Verwendung für eine breite Palette chirurgischer Eingriffe
- Unkomplizierte Handhabung
- Retraktoren und Streben in zahlreichen Ausführungen für eine optimale Anpassung an das Operationsfeld

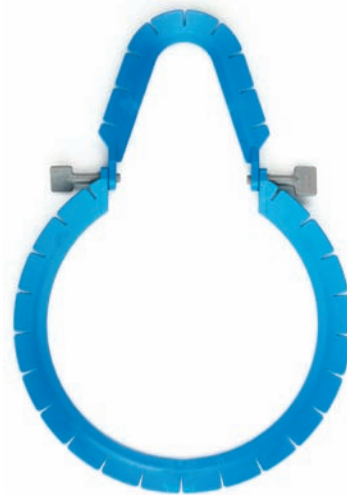
Das Lone Star Retractor System™ von CooperSurgical ist merklich anders – und merklich besser. Es ermöglicht auf denkbar einfache Weise eine vollkommen neue Art des Operierens. Durch die selbsthaltende Auslegung kann OP-Personal andere Aufgaben übernehmen, es werden Zeit und Kosten gespart und am Operationstisch kann störungsfrei gearbeitet werden.

Sie selbst und Ihr Patient profitieren von der Schnelligkeit und Präzision der Öffnung des Zugangs. Das hoch flexible System aus Ringen und Streben kann mühelos dem Operationsfeld angepasst werden. Es ermöglicht eine schnelle Neupositionierung für die Darstellung zusätzlicher Schichten im Verlauf des Eingriffs.

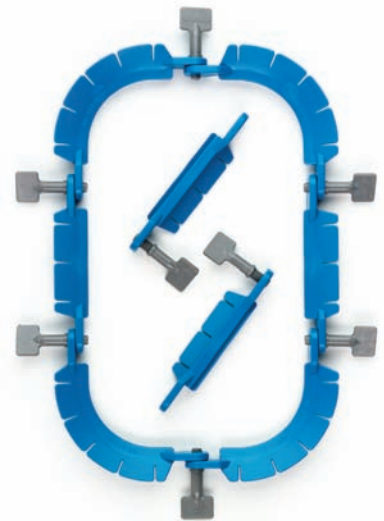


Beckenbodenplastik

Dr. Red Alinsod,  
South Coast Urogynecology



3308G



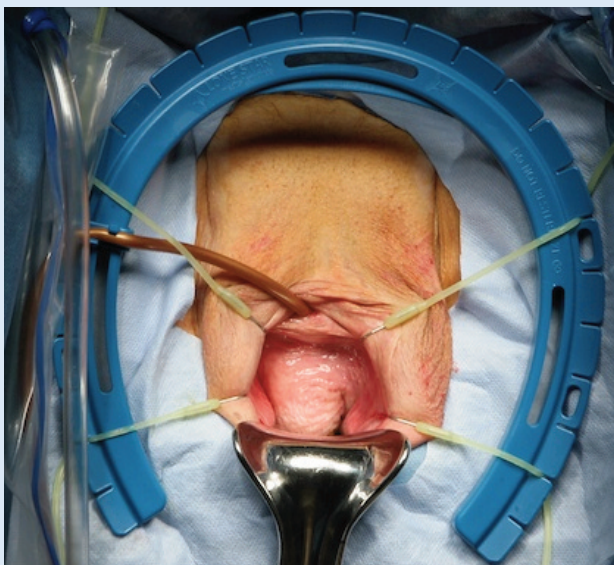
3310G

## DAS SYSTEM

### Retraktor-Ringe

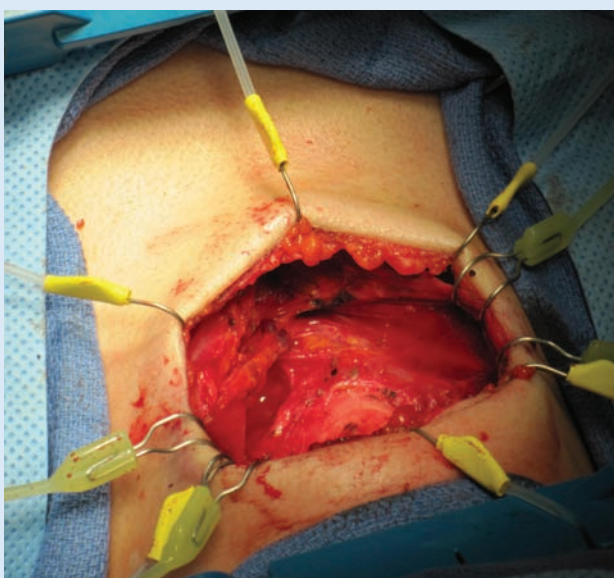
#### **Umfassende Optionen und zugleich die Einfachheit selbst.**

Die Ringe sind in vielen elastischen, mit Gelenken versehenen Formen verfügbar, die dem Operationsfeld entsprechen und mit regulierbaren Drehachsen weiter angepasst werden können. Die Einweg-Kunststoffmodelle sind zur Gewährleistung eines rationalisierten Erreichens des Operationsfeldes leicht, vorsterilisiert und einzeln in doppelte Abziehbeutel verpackt. Die Schlitzte in den Ringen halten die elastischen Streben genau dort, wo sie benötigt werden.



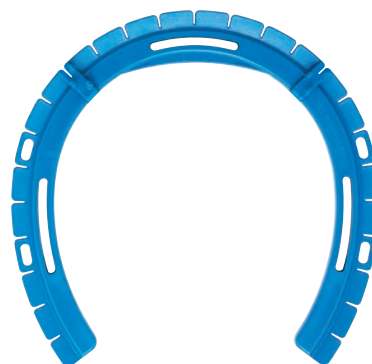
Hintere Scheidenplastik

Dr. Red Alinsod,  
South Coast Urogynecology



Schilddrüsenentfernung

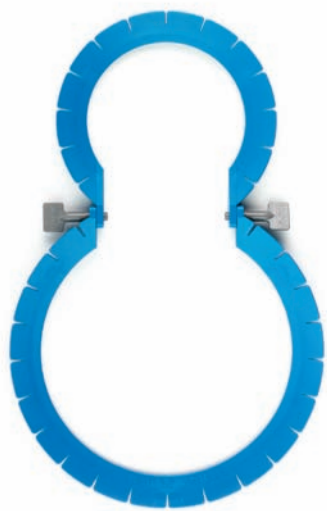
Dr. Cynthia Kennedy,  
St. Vincent's Medical Center



3715



3302G



3304G

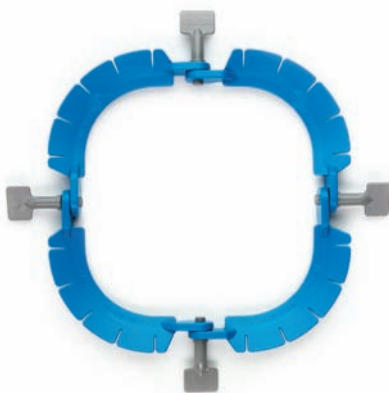


3301G

## Haken mit elastischen Streben

### Für benutzerdefinierte Verwendung.

Ob für das Spreizen empfindlichen Gewebes oder robusterer Strukturen - die elastischen Streben passen den Retraktor-Ring schnell und sicher an die genaue Anatomie des Operationsfeldes an. Wählen Sie aus einer breiten Palette an Formen, Größen und Materialien die Lösung, die ihren chirurgischen Anforderungen entspricht. Der Lieferumfang beinhaltet ein geschlitztes Tablett, das die Lieferung an das Operationsfeld erleichtert und die Aufzeichnungspflicht nach Abschluss der Eingriffe verbessert.



3307G



3309G

## Rechenförmige Haken



3330



3331



3332



3334



3335

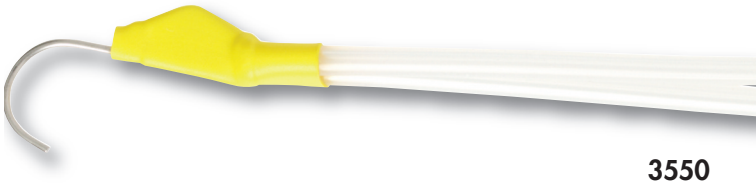


3338

Scharfe Haken



Stumpfe Haken



# Das Lone Star selbsthaltende Retraktor-System

**Selbsthaltendes Retraktor-System - noch besser, als ein zusätzliches Paar Hände.**

## Spezifikationen der Haken mit Streben

|                 |                                                             |
|-----------------|-------------------------------------------------------------|
| <b>3205-8G</b>  | 5 mm, halb-stumpf, PRO-Stay, 8er-Packung                    |
| <b>3311-1G</b>  | 5 mm, scharfer Haken, 50er-Box                              |
| <b>3311-8G</b>  | 5 mm, scharfer Haken, 8er-Packung                           |
| <b>3314-1G</b>  | 3 mm, scharfer Haken, 50er-Box                              |
| <b>3314-8G</b>  | 3 mm, scharfer Haken, 8er-Packung                           |
| <b>3316-1G</b>  | 5 mm, stumpfer Haken, 50er-Box                              |
| <b>3316-8G</b>  | 5 mm, stumpfer Haken, 8er-Packung                           |
| <b>3325-4G</b>  | 5 mm, 2-zinkiger Haken, 4er-Packung                         |
| <b>3327-4G</b>  | 7 mm, 2-zinkiger Haken, 4er-Packung                         |
| <b>3329-4G</b>  | 9 mm, 2-zinkiger Haken, 4er-Packung                         |
| <b>3330-4G</b>  | 13 mm x 16 mm, feste Schaufel, 4er-Packung                  |
| <b>3331-4G</b>  | 13 mm, stumpfer Spira-Haken, 4er-Packung                    |
| <b>3332-4G</b>  | 14 mm x 16 mm, 2-zinkiger stumpfer Spira-Haken, 4er-Packung |
| <b>3333-4G</b>  | 16 mm, 2-zinkiger Spira, 4er-Packung                        |
| <b>3334-4G</b>  | 20 mm x 16 mm 4-zinkiger Haken, 4er-Packung                 |
| <b>3335-4G</b>  | 20 mm, 3-zinkiger Spira, 4er-Packung                        |
| <b>3338-4G</b>  | 6,5 mm x 16 mm, feste Schaufel, 4er-Packung                 |
| <b>3350-1G</b>  | 12 mm, stumpfer Haken, 50er-Box                             |
| <b>3350-8G</b>  | 12 mm, stumpfer Haken, 8er-Packung                          |
| <b>3350L-4G</b> | 12 mm, stumpfer Haken, verlängerte Strebe, 4er-Packung      |
| <b>3384-4</b>   | 12 mm, 2-zinkiger stumpfer Haken, 4er-Packung               |
| <b>3550-1G</b>  | 12 mm, doppelte Strebe, 50er-Box                            |

Die Streben der 50er-Boxen sind einzeln verpackt.  
Sämtliche Haken sind ausschließlich für den einmaligen Gebrauch vorgesehen.

## Spezifikationen der Einweg-Retraktorringe

Für eine einfache Zuführung in das sterile Operationsfeld sind die Einweg-Retraktorringe aus Noryl®-Harz vorsterilisiert und einzeln in doppelte Abziehbeutel verpackt.

|                |                   |
|----------------|-------------------|
| <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 |

\*Verwendung in unterschiedlichen Konfigurationen  
\*\*Einzeln verpackt mit 2 Katheter-Klemmen

|             |                                                                                                                                                                                                                                             |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>3704</b> | <b>Gynäkologie-Kit</b> <ul style="list-style-type: none"> <li>Ein großer, schneemannförmiger Retraktor-Ring, 32.5 cm x 18.3 cm – Modell Nr. 3304G</li> <li>Eine 8er-Packung Streben mit scharfen Haken, 5 mm – Model Nr. 3311-8G</li> </ul> |
| <b>3707</b> | <b>Kolorektal-Kit</b> <ul style="list-style-type: none"> <li>Ein großer, schneemannförmiger Retraktor-Ring, 14.1 cm x 14.1 cm – Modell Nr. 3307G</li> <li>Eine 8er-Packung Streben mit scharfen Haken, 5 mm – Model Nr. 311-8G</li> </ul>   |

US-Patent-Nummern 5,785,649; 5,964,697

Lone Star Retractor System™ und Better Than Another Set of Hands™ sind Handelsmarken von CooperSurgical, Inc. Noryl® ist eine registrierte Handelsmarke von GE.

**CooperSurgical**

CooperSurgical ist der Marktführer für medizinische Geräte und Verfahrenslösungen, die ungeachtet des klinischen Einsatzes eine Verbesserung der Gesundheitsversorgung von Frauen gewährleisten. Unser Unternehmen pflegt diese Position durch eine Erweiterung seines Kerngeschäfts und die Einführung von fortschrittlichen, auf der Entwicklung von Technologien beruhenden Produkten, die Kliniker bei der Verwaltung und Behandlung von häufig auftretenden Krankheiten unterstützen.

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

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Formular Nr.81269 Rev 04/11



## Lone Star Retractor System™ Gynecology Kit

...better than another pair of hands

**For a wide range of  
gynecologic surgical  
procedures**

### Benefits

- Essential components for key procedures:
  - Urinary incontinence procedures including sling
  - Pelvic organ prolapse
  - Vaginal mesh revision/excision
  - Vesicovaginal fistula repair
  - Perineoplasty
  - Rectovaginal fistula repair
- Easy to use
- Better exposure
- Cost effective
- Easy to store, stock and pick

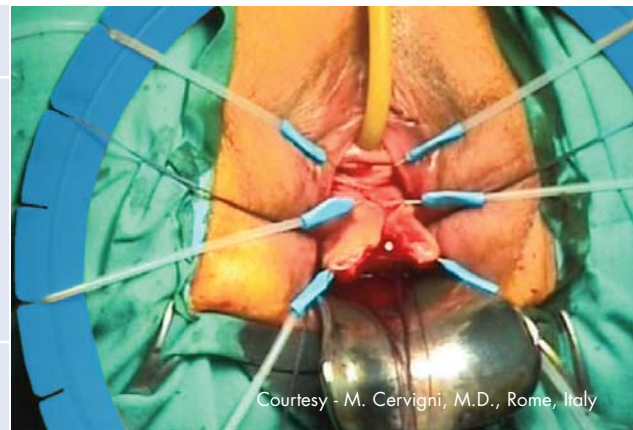
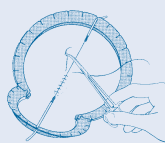
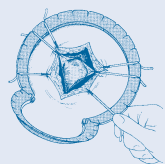
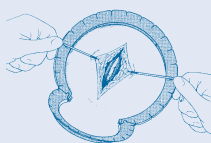


# Lone Star Retractor System™ Gynecology Kit

At last, surgical access the way it should be. Unparalleled exposure. Under your control. This unique retractor system delivers uncluttered access using counter-traction with small hooks. The Result. A surgical site that you can easily adapt as the procedure progresses.

## Ease and Precision: 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.



Courtesy - M. Cervigni, M.D., Rome, Italy

*The Lone Star Retractor System facilitates mid-line incision of the anterior vaginal wall during cystocele repair.*

Less Clutter. Better Exposure.  
Effective Surgical Site  
Management.

## Get convenience without added cost!

Each kit contains one large snowman disposable retractor (31.8 cm x 18.3 cm – Model #3304G) and an eight-pack of 5 mm sharp hook elastic stays (model number 3311-8G) packed in a single-use sterile dispensing tray.

The cost is the same as if purchased separately, but the convenient packaging facilitates inventory management, making it easy to store, pick and present to the field.

## Ordering Information:

| Product Number | Description                                                                                                                                                                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3704           | Each Lone Star Retractor System Gynecology Kit contains: <ul style="list-style-type: none"><li>■ One large snowman disposable retractor ring, 31.8 cm x 18.3 cm – Model# 3304G</li><li>■ One eight-pack of 5 mm sharp hook stays – Model# 3311-8G</li></ul> |

*Each kit is packaged in a single-use sterile dispensing tray. Sold in boxes containing 5 kits.*



[www.coopersurgical.com](http://www.coopersurgical.com)

Lone Star RETRACTOR SYSTEM™

95 Corporate Drive, Trumbull, CT 06611  
800.243.2974 • 203.601.5200

Lone Star Retractor System™ is a trademark of CooperSurgical.

U.S. Patent Nos. 4,274,398; 4,430,991; 4,434,791; 5,769,783; 5,785,649; 5,964,697.

Form # 81451 • Rev. 09/08  
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# Lone Star™

## RETRACTOR SYSTEM

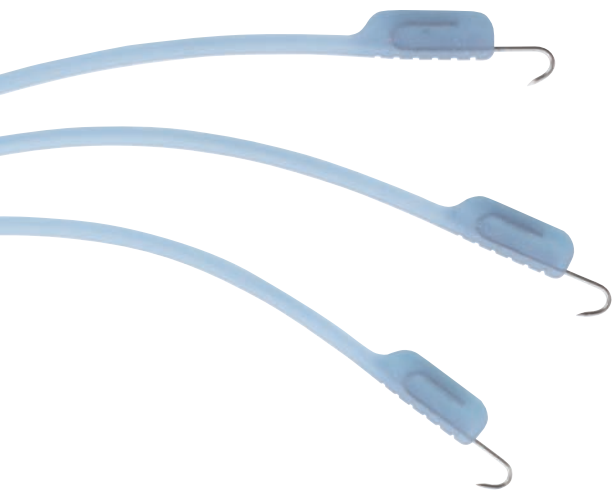
...better than another set of hands™

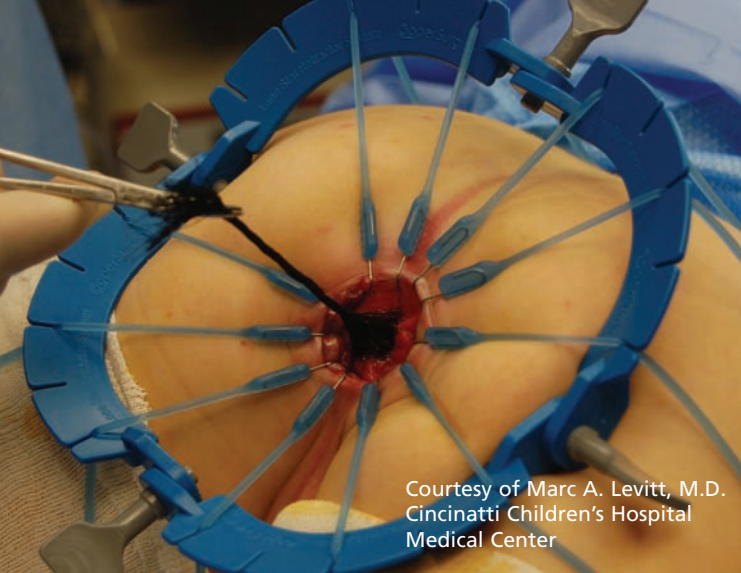
### Colorectal Kit

Self-retaining retractor system for a wide range of trans-anal surgical procedures

#### Benefits

- Essential components for key procedures:
  - LAR/Colo-anal Anastomosis
  - Trans-anal tumor excision
  - Anal Fistula Repair
  - Perineal Proctectomy (for Rectal Prolapse Repair)
  - Sphincteroplasty
  - Hirschsprung's procedures
- Frees up OR personnel to perform other tasks
- Cost effective
- Easy to store, stock, pick and use
- Simplifies surgery
- Provides effective surgical site management with less clutter and better exposure



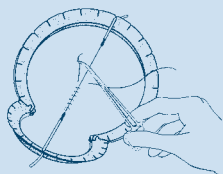
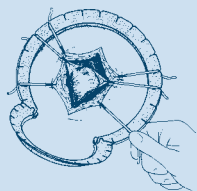
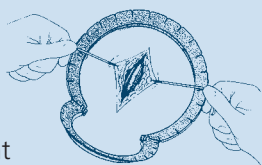


*The Lone Star Retractor System facilitates surgical access of the anal canal during Hirschsprung's and other colorectal procedures.*

Better for the surgeon.  
Better for the patient.  
Better all around.

## Ease and Precision: 3 Simple Steps

1. Place the Retractor Ring around the initial incision. Insert elastic stay hooks in 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.



## Lone Star Retractor System™ Colorectal Kit

At last, surgical access the way it should be. Unparalleled exposure. Under your control. This unique retractor system delivers uncluttered access using constant counter-traction with small hooks. The result: a surgical site that you can easily adapt as the procedure progresses.

### Get convenience without added cost!

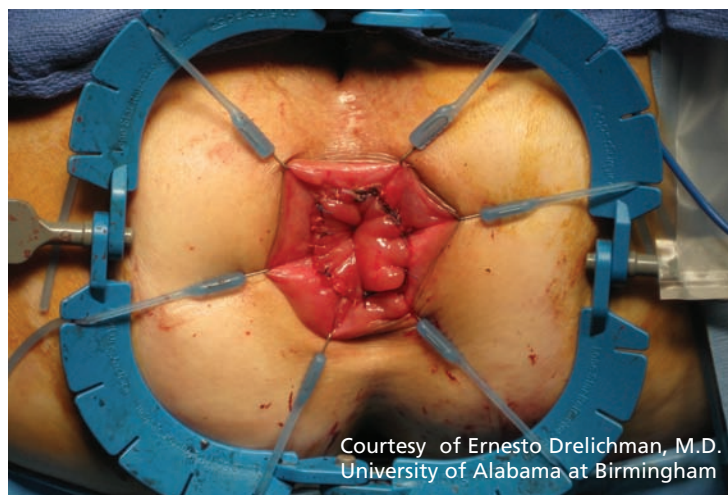
Each kit contains one square disposable retractor ring (14.1 cm x 14.1 cm - Model #3307G) and an eight-pack of 5 mm sharp hook elastic stays (product number 3311-8G) packed in a single-use, sterile dispensing tray.

The cost is the same as if purchased separately, but the convenient packaging facilitates inventory management, making it easy to store, pick and present to the field.

### Ordering Information:

| PRODUCT NUMBER | DESCRIPTION                                                                                                                                                                                                                                           |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>3707</b>    | Each Lone Star Retractor System Colorectal Kit contains: <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> |

*Each kit is packaged in a single-use sterile dispensing tray. Sold in boxes containing 5 kits.*



## CooperSurgical

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.

203.601.5200 | 800.243.2974 | [coopersurgical.com](http://coopersurgical.com) | 95 Corporate Dr. | Trumbull, CT 06611

Lone Star Retractor System™ is a trademark of CooperSurgical.  
U.S. Patent Nos. 5,769,783; 5,785,649; 5,964,697.

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Form #81448 • 05/11



# CoperSurgical

## Lone Star APS Retractor

See the difference unobstructed transvaginal surgery can make.

### For Anterior/Posterior Sling Procedures

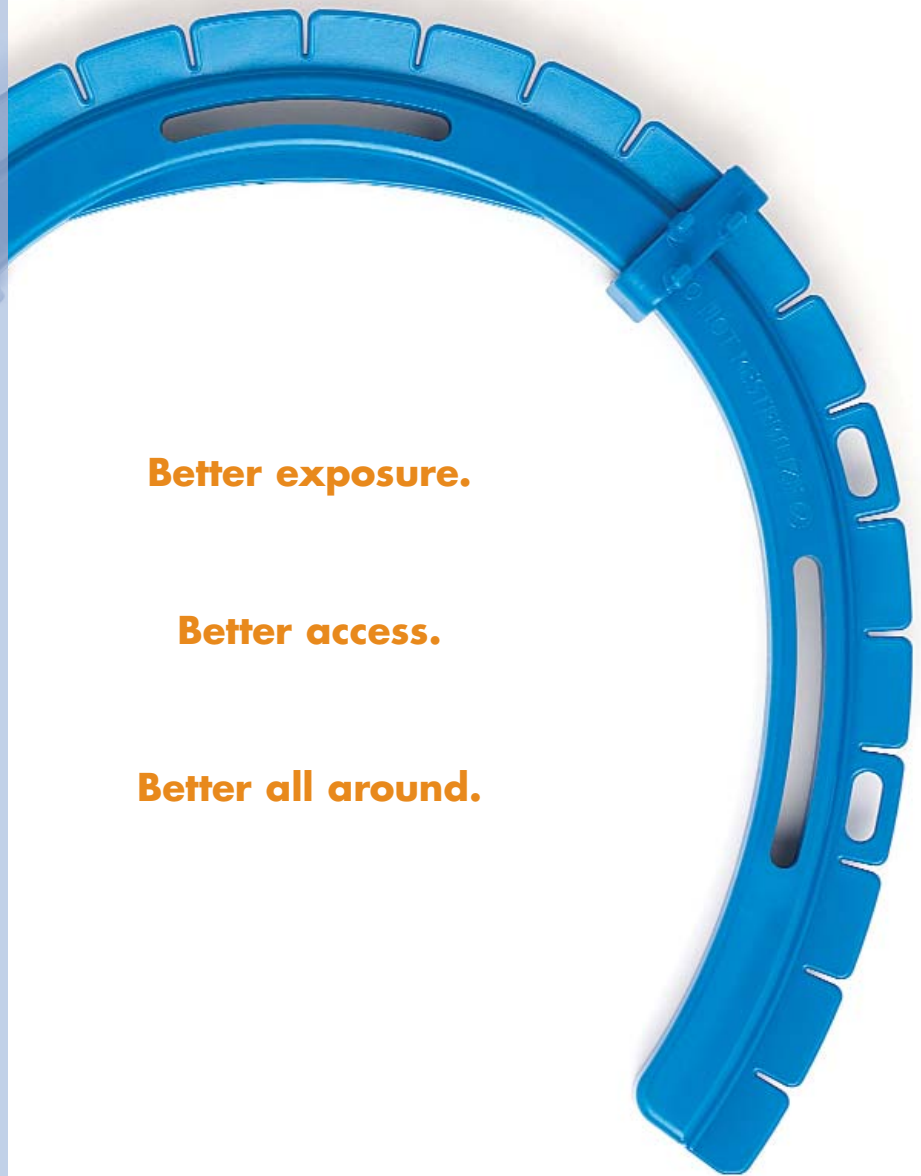
#### Benefits

- Unobstructed visualization and access
- Designed specifically for modern pelvic and vaginal surgery
- Effectively manages the surgical site, simplifying the procedure

**Better exposure.**

**Better access.**

**Better all around.**





# The unique Lone Star APS Retractor

## A breakthrough in unobstructed anatomical exposure

At last, transvaginal surgery the way it should be. The innovative design of our self-retaining APS (Anterior/Posterior Sling) Retractor provides unobstructed access to the surgical site. You achieve dramatic improvement in visibility and maneuverability. The system frees up OR personnel, as well as saving time and operating expense. It's simply better all around.

## Unprecedented access - for surgical excellence

The versatile APS system provides unparalleled exposure – for clear pathway and visibility – with minimum effort. Adjustable clips and ultra-precise hook placements quickly adapt the APS Retractor to present the surgical site exactly as needed. There's nothing like it – and nothing that performs as well.

*This breakthrough product is the latest innovation in the CooperSurgical Lone Star Retractor System, designed specifically for the needs of the Ob/Gyn surgeon.*

## The Anterior/Posterior Sling Retractor

### Designed specifically for:

---

Reconstructive pelvic surgery

---

Mesh excision

---

Episiotomy repair

---

Vaginal hysterectomy

---

Vaginal biopsies

---

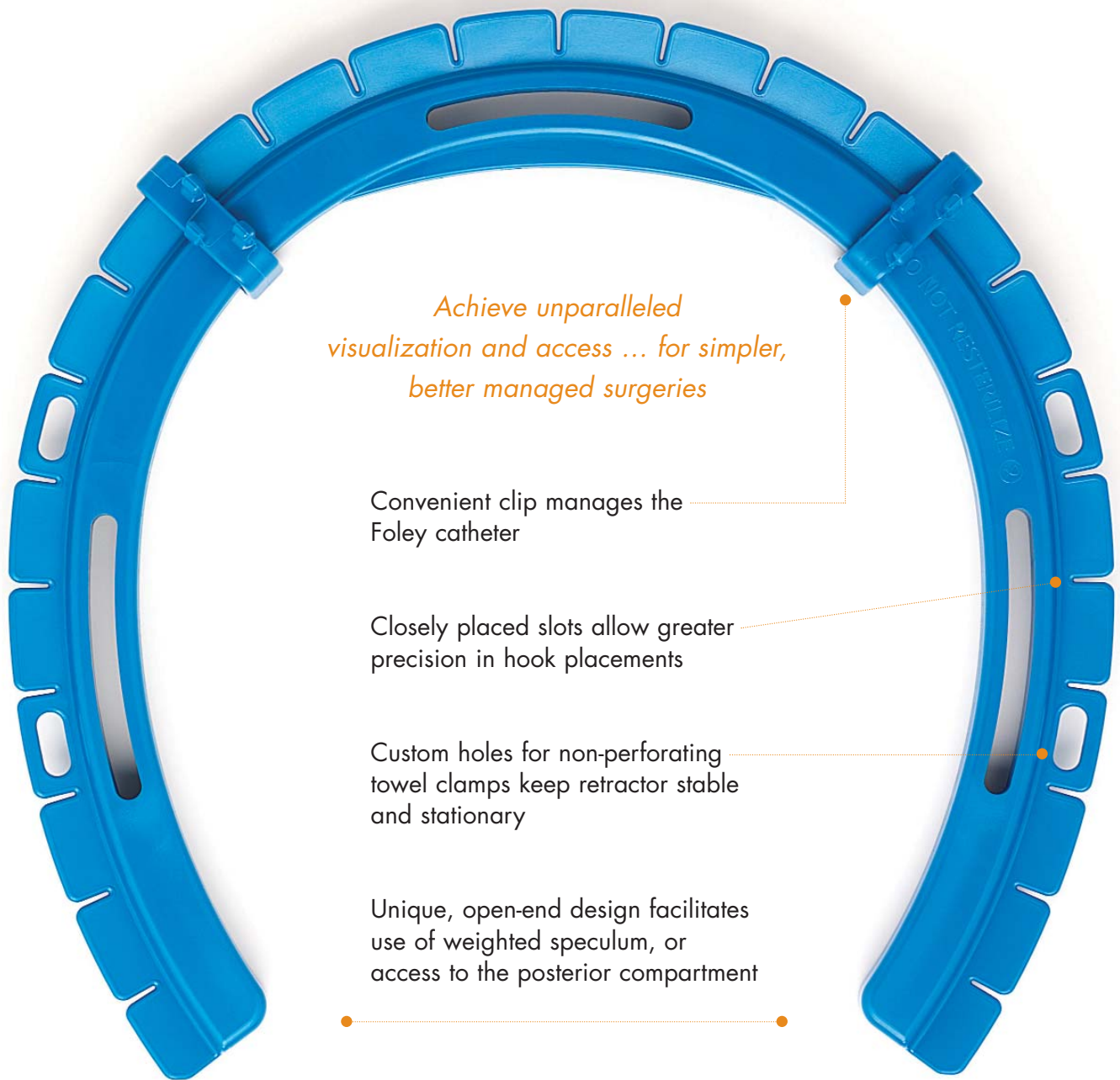
Placement of sub-urethral slings  
or pelvic organ prolapse procedures

*The APS Retractor System provides excellent visual exposure, an unobstructed pathway and better management of the Foley catheter.*



*The APS Retractor combined with the suggested Stays provide excellent visual exposure of the vagina.*





*Achieve unparalleled  
visualization and access ... for simpler,  
better managed surgeries*

Convenient clip manages the  
Foley catheter

Closely placed slots allow greater  
precision in hook placements

Custom holes for non-perforating  
towel clamps keep retractor stable  
and stationary

Unique, open-end design facilitates  
use of weighted speculum, or  
access to the posterior compartment



## **Elastic Stays for Ultimate Customization**

- An array of Stay Hooks retract delicate tissues and substantial anatomical structures.
- Slotted tray packaging facilitates handling without glove puncture and enhances post-surgical accountability.

# The unique Lone Star **APS** Retractor

**Better for the surgeon.**

**Better for the patient.**

**Better all around.**

## **Specifications**

**Order # 3715** (Packaged singly with 2 catheter clips)

Height 16.6 cm

Width 16.6 cm

Weight 77 g

## **Suggested Stays**

**3311** 5 mm Sharp Hook

**3327** 7 mm Two-finger Sharp Hook

**3350** 2 mm Blunt Hook

**3384** 12 mm Two-finger Blunt Hook

**Products are sterile, single-use only**

# CooperSurgical

**[www.coopersurgical.com](http://www.coopersurgical.com)**

To find out more about the Lone Star APS Retractor, or to place an order call 800.243.2974.

The marks bearing the symbol "TM" are trademarks of CooperSurgical.  
The marks bearing the symbol "®" are registered trademarks of CooperSurgical.

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81233 • Rev 7/07

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# CoperSurgical

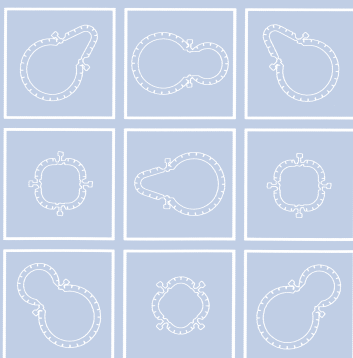
## Lone Star Reusable Retractor Rings

For simpler, better managed surgeries.

For a wide range of surgical procedures

### Benefits

- Excellent visibility
- Adapts and repositions quickly
- Adjustable tension for optimal exposure
- Frees up OR staff



**Maximum exposure.**

**Minimum effort.**

**Resilient and reusable.**



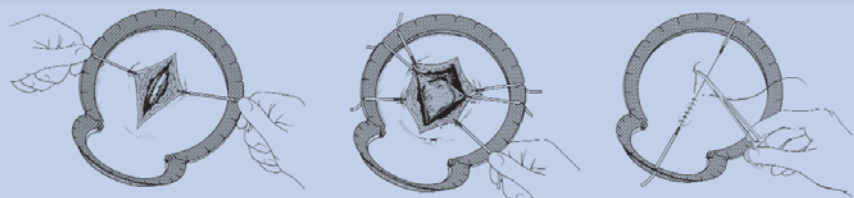
# Lone Star Reusable Retractor Rings

## Flexible. Durable. Remarkable!

So simple - and yet so capable. These Reusable Retractor Rings have the qualities you need for optimum surgical results. They dramatically improve visibility in the surgical field, by eliminating the need for manual retractors and the personnel to hold them. The articulated design adapts to any region of the anatomy. Adjustable hinges and a system of Elastic Stay hooks allow easy positioning and repositioning throughout the procedure, without placing undue pressure on delicate tissues.

Resilient aluminum and durable stainless steel construction stand up to repeated use. Every detail supports more efficient surgeries from start to finish.

## Ease and Precision in 3 Simple Steps



1. Place Ring around initial incision. Insert Elastic Stay hooks into tissue and retract in directly opposing quadrants. Slots on ring allow easy placement for proper tension.
2. Reposition or add hooks throughout procedure to maintain balanced retraction.
3. When closing, place stays along axis of the incision to create tension to facilitate precise staple or suture placement.

## Reusable Retractor Rings Specifications

### Stainless Steel Retractor Rings

Packaged singly, ready for sterilization.

**2200** 27.5 cm x 18.4 cm (795 grams)

**2201** 16.4 cm x 11.6 cm (340 grams)

### Aluminum Retractor Rings

Packaged singly, ready for sterilization.

**1103** 11.6 cm (96 grams)

**1104** 32.2 cm x 18.4 cm (236 grams)

**1107** 14.5 cm x 14.5 cm (206 grams)

**1110** 24.3 cm x 24.3 cm (380 grams)



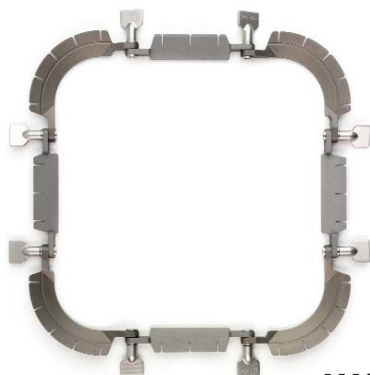
1104



1107



1103



1110



2201



2200

**CooperSurgical**

[www.coopersurgical.com](http://www.coopersurgical.com)

To find out more about the Lone Star Reusable Retractor Rings, or to place an order call 800.243.2974.

Lone Star Retractor System™ is a trademark of CooperSurgical, Inc.

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# Lone Star™

## RETRACTOR SYSTEM

Better than another pair of hands

### RETRACTOR RINGS

| Model#        | Surgical Applications                                                 |                                                                                     |
|---------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>3301G</b>  | Gynecology and Head and Neck                                          |    |
| <b>3302G</b>  | Gynecology, especially narrow pelvis, obese                           |    |
| <b>3304G*</b> | Gynecology, Male Urology                                              |    |
| <b>3307G*</b> | Colon and Rectal Surgeries;<br>also General Surgery,<br>Head and Neck |   |
| <b>3308G*</b> | Gynecology, Male Urology                                              |  |
| <b>3309G</b>  | Head and Neck, Pediatrics                                             |  |
| <b>3310G</b>  | General Surgery, Head and Neck                                        |  |
| <b>3715</b>   | Gynecology                                                            |  |

*\* The three most popular Rings*

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## ELASTIC STAYS

Elastic Stays quickly adapt Retractor Ring to anatomy. Wide array of shapes, sizes and materials for every surgical need. These single-use stays are packaged in a nested tray system to facilitate delivery and accountability.

| Style #         | Type                                    |                                                                                      |
|-----------------|-----------------------------------------|--------------------------------------------------------------------------------------|
| <b>3205-8G</b>  | 5 mm semi-blunt PRO-Stay, 8/pack        |    |
| <b>3311-8G*</b> | 5 mm sharp hook, 8/pack                 |    |
| <b>3314-8G*</b> | 3 mm sharp hook, 8/pack                 |    |
| <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, 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>3350-8G*</b> | 12 mm blunt hook, 8/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    |  |
| <b>3350L-4G</b> | 12 mm blunt hook, elongated lead 4/pack |  |

\* Also available in case of 50 Stays.  
50/case: Stays are individually wrapped.

# OR/Mobius®

Maximize exposure, safety and efficiency with the OR/Mobius Self-Retaining Elastic Abdominal Retractor for Minilaparotomy

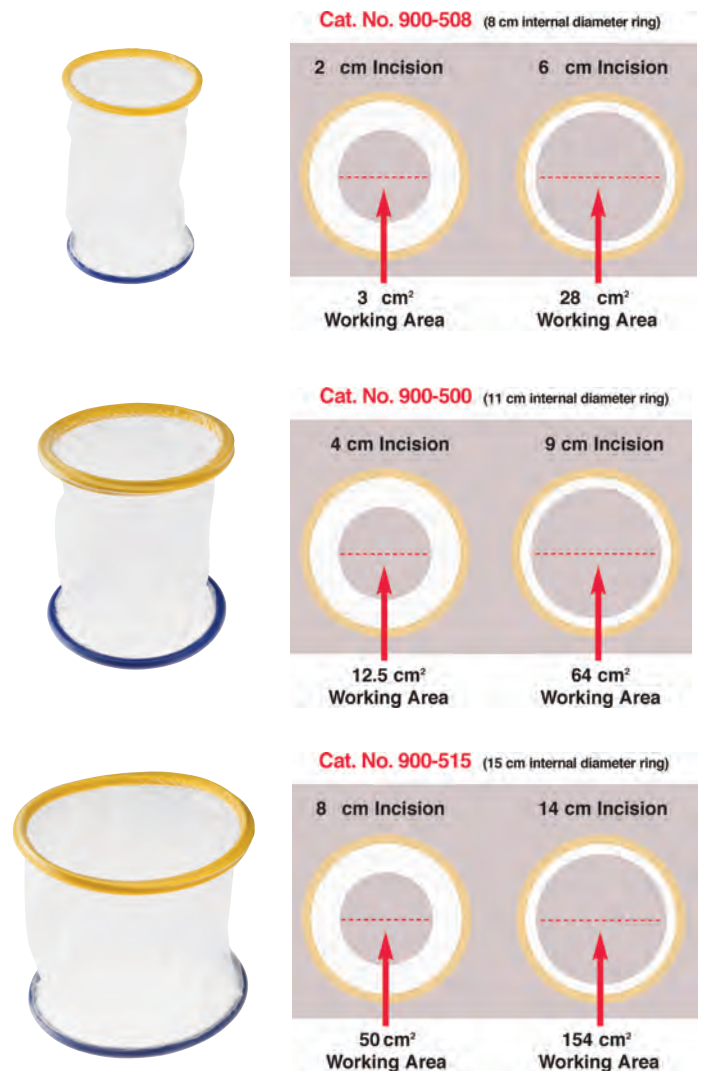


# Improved minilaparotomy safety, efficiency and speed are just some of the benefits of the OR/Mobius® retractor

Once inserted, using a simple roll down technique, the Mobius® retractor provides 360° of radial retraction: maximizing working area and providing significantly greater exposure than traditional retractors.

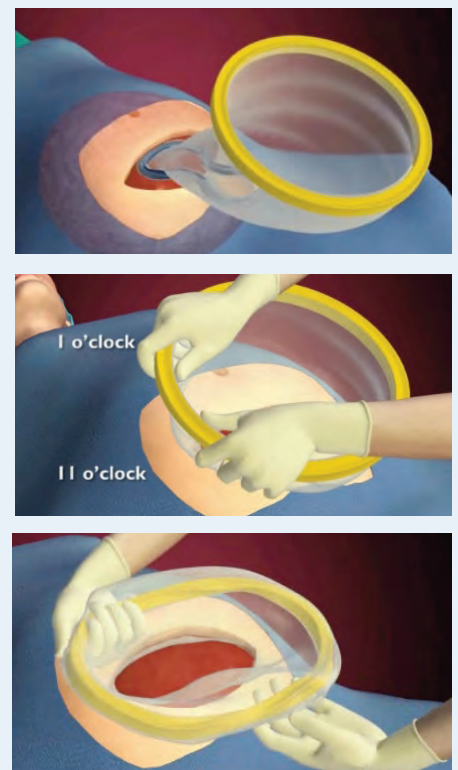
The Mobius retractor comes in three sizes optimal for general, colorectal and gynecologic surgeries. Each size distributes retraction force evenly without excess pressure around the incision, creating unobstructed exposure to the surgical field. Throughout the procedure this device: maximizes working area; minimizes trauma, reduces risk of wound infection and blood loss, while promoting patient recovery.

OB/Mobius retractors are also available for use in c-section procedures. For more information please visit [www.coopersurgical.com/obmobius](http://www.coopersurgical.com/obmobius)



## Simple Roll-down Technique:

1. Squeeze the lower blue ring and insert into the abdomen. Gently pull the ring to ensure insertion and perform a quick digital exam to check for trapped tissue.
2. Position hands at 11 and 1 o'clock with assistant at the 12 o'clock position.
3. Roll down the ring outwards first with the left, followed by the right, slide fingers down the ring to complete a Mobius flip. Repeat process 2-3 times until desired exposure achieved.



# A better retractor means better visualization.

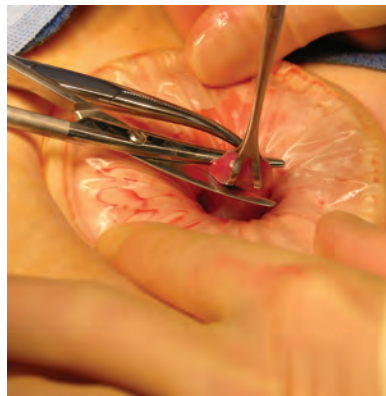
Our patented outer ring provides better flexibility and form.

## Better Flexibility

- Outer ring lies flush against patient's skin without excessive pressure reducing pain and potentially reducing blood loss.
- Outer ring lies flush against patient's skin without interfering with surgeon's wrists.
- Flexible polyurethane sheath maintains moisture at the incision site while reducing risk of wound infection.

## Better Form

- One-piece, molded outer ring construction rolls outward providing maximum hands-free exposure even in obese patients.
- Molds gently to the patient's abdomen for secure low profile retraction that won't slip.
- Only 2-3 outward roll-downs required to achieve optimal exposure.
- Tear resistant, non-stretch sleeve provides superior tissue retraction while allowing for movement through the wound.
- Bottom ring maintains shape, preserving exposure throughout procedure.



Easy to place.  
Easy to use.  
Easy to remove.

## Benefits of the Mobius:

- Maximizes exposure through radial retraction for enhanced visibility
- Presents unobstructed surgical field unencumbered by traditional stainless steel retractors
- Alleviates need for additional surgical staff
- Protects wound edges minimizing contamination<sup>1,2</sup>
- Gentle retraction through dispersed tension promotes patient postoperative comfort
- Ideal for obese patients (including BMI > 30)
- Easy to place and remove with simple technique

## Applications:

- Cystectomy
- Total Abdominal Hysterectomy
- Myomectomy
- Tubal Ligation
- Colectomy
- Gastric Bypass
- Thoracotomy - Paraesophageal  
hiatal hernia
- Appendectomy
- Splenectomy

## References:

- <sup>1</sup> Minimally Invasive Cesarean: Improving an Innovative Technique. Pelosi & Pelosi, OBG Management, July 2004
- <sup>2</sup> The Use of the Mobius® Self-Retaining Retractor in Cesarean Deliveries—A Retrospective Case. Finck, MD & C Della Badia, Poster, AAGL 33rd Annual Meeting, Nov. 2004

# OR/Mobius

## PRODUCT NUMBER / DESCRIPTION:

|         |                                        |                                  |
|---------|----------------------------------------|----------------------------------|
| 900-508 | Mobius, Mini<br>inner diameter 8 cm    | Optimal incision<br>size 2-6 cm  |
| 900-500 | Mobius, Small<br>inner diameter 11 cm  | Optimal incision<br>size 4-9 cm  |
| 900-515 | Mobius, Medium<br>inner diameter 15 cm | Optimal incision<br>size 8-14 cm |

**Also available in larger sizes for maximizing exposure during c-sections.**

# OB/Mobius®

## PRODUCT NUMBER / DESCRIPTION:

|         |                                              |                                   |
|---------|----------------------------------------------|-----------------------------------|
| 900-517 | Mobius, Medium-Large<br>inner diameter 17 cm | Optimal incision<br>size 9-15 cm  |
| 900-520 | Mobius, Large<br>inner diameter 20 cm        | Optimal incision<br>size 12-17 cm |

*Mobius is latex-free, made of 100% medical grade polyurethane. It is supplied sterile, one retractor per pouch. 5/box*



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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also at [www.YouTube.com/CooperSurgical](http://www.YouTube.com/CooperSurgical)