

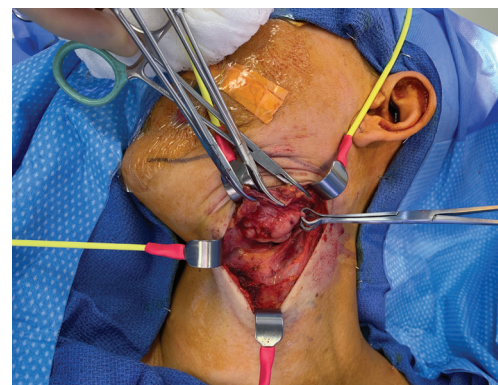
Lone Star® Retractor System and Elastic Stays

Providing exceptional visibility and access for head and neck procedures.¹

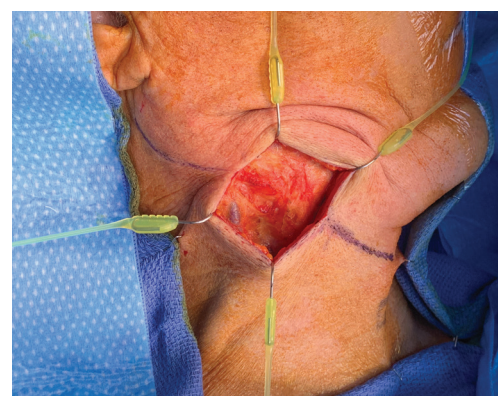
The Lone Star® Retractor System offers simple, intuitive retraction at the surgical site to optimize access to patient anatomy and improve visibility.² Highly flexible, the system can be used with or without a wide variety of accompanying stays that can be repositioned to reveal additional layers as the surgery progresses.^{1,2}

Lone Star Retractor System and elastic stays are used in an array of head and neck procedures for treatment of infectious diseases, and benign and malignant cancerous tumors including:

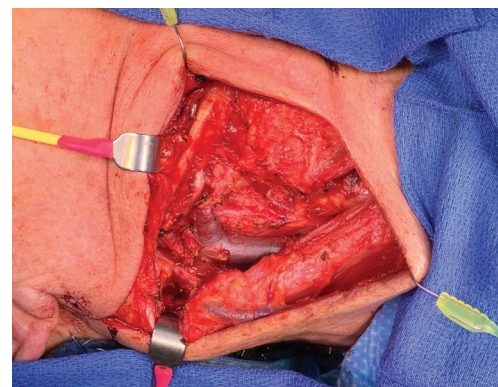
- Tracheostomy
- Neck dissection
- Parotidectomy
- Submandibular gland resection
- Thyroidectomy
- Parathyroidectomy
- Excisional lymph node biopsy



Resection of a submandibular lymphovascular malformation
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Excisional node biopsy
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Neck dissection
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Customizable System Adapts and Flexes to Your Needs

Lone Star® Retractor rings are flexible by design, while the elastic stays quickly and safely² adapt the retractor ring to site anatomy. The result is greater exposure and autonomy for your procedure.

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® 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

Lone Star Retractor Kits

Number	Description
3704	Gynecology Kit - One large snowman disposable retractor ring, 32.5 cm x 18.3 cm – Model #3304G - One eight-pack of 5 mm sharp stay hooks – Model #3311-8G (5 kits/box)
3707	Colorectal Kit - One square disposable retractor ring, 14.1 cm x 14.1 cm – Model #3307G - One eight-pack of 5 mm sharp stay hooks – Model #3311-8G (5 kits/box)

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.

IMPORTANT SAFETY INFORMATION

The Lone Star® Retractor System is indicated for use to provide incision retraction and to aid in visualization during surgical procedures. WARNINGS: For Single Use Products Only. Reuse, reprocessing or resterilization may compromise the structural integrity of the device and /or create a risk of contamination. For Reusable Retractors, both aluminum and stainless steel, they should be thoroughly cleaned and sterilized to prepare them for use. For detailed instructions and risk information, please refer to Instructions for Use: www.coopersurgical.com/lone-star-ifu

REFERENCES

1. Lone Star Retractor System Instructions for Use. Trumbull, CT: CooperSurgical, Inc.; 2021
2. Toyota, S., Kumagai, T., Goto, T., Mori, K., & Taki, T. (2017). Utility of the Lone Star Retractor System in Microsurgical Carotid Endarterectomy. World neurosurgery, 101, 509–513. <https://doi.org/10.1016/j.wneu.2017.02.06>

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