



OPEN STAPLERS

GIA™ stapler with Tri-Staple™ technology

The GIA™ stapler with Tri-Staple™ technology is an open linear stapler.

[Ordering information](#) [Contact a representative](#)

Description

Greater leak protection†,‡,1

Introducing the only open linear stapler with Tri-Staple™ technology.

Our priority to help surgeons improve patient outcomes never wavers. That's why we've advanced open stapling by giving our GIA™ stapler Tri-Staple™ technology. Now, in your open procedures, you can have a familiar handle design that delivers:

- Stronger staple line leak pressure compared to two-row staplers§,2,3
- Less stress on tissue during compression and clamping†,§,4
- A stepped cartridge face and varied height staples that may provide greater perfusion to the staple line¶,4,5
- Consistent performance over a broad range of tissue thickness¶,§,2

Features

Get a look at three-row confidence

See how the GIA™ stapler with Tri-Staple™ technology can transform your open procedures.



[GIA™ Stapler with Tri-Staple™ Technology Presentation](#)

EDUCATION AND TRAINING • PDF • 7 MB

A surgeon's experience

A surgeon tells General Surgery News why he decided to switch to the GIA™ stapler with Tri-Staple™ technology in his open procedures.

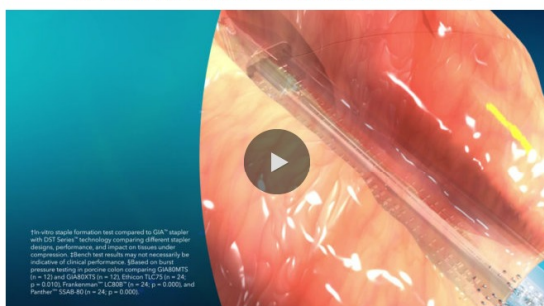


[GIA™ Stapler with Tri-Staple™ Technology Experience Paper Featuring Ryan Jones](#)

HEALTHCARE PROFESSIONAL TESTIMONIAL • PDF • 789 KB

Three-row confidence

Take a video tour of the GIA™ stapler with Tri-Staple™ technology.



Ordering information

Item number	Description	Color	Shaft length (mm)	Staple heights (mm)	Tissue type	Units per box
GIA60MTS	GIA™ stapler with Tri-Staple™ technology	Purple	60	3.0 / 3.5 / 4.0	Medium/thick	3
GIA60MTC	GIA™ cartridge with Tri-Staple™ technology	Purple	60	3.0 / 3.5 / 4.0	Medium/thick	6
GIA80MTS	GIA™ stapler with Tri-Staple™ technology	Purple	80	3.0 / 3.5 / 4.0	Medium thick	3
GIA80MTC	GIA™ cartridge with Tri-Staple™ technology	Purple	80	3.0 / 3.5 / 4.0	Medium/thick	6
GIA60XTS	GIA™ black stapler with Tri-Staple™ technology	Black	60	4.0 / 4.5 / 5.0	Extra thick	3
GIA60XTC	GIA™ black cartridge with Tri-Staple™ technology	Black	60	4.0 / 4.5 / 5.0	Extra thick	6
GIA80XTS	GIA™ black stapler with Tri-Staple™ technology	Black	80	4.0 / 4.5 / 5.0	Extra thick	3
GIA80XTC	GIA™ black cartridge with Tri-Staple™ technology	Black	80	4.0 / 4.5 / 5.0	Extra thick	6
GIA60TMS	GIA™ stapler with Tri-Staple™ technology	Tan	60	2.4 / 2.7 / 3.0	Thin/medium	3
GIA60TMC	GIA™ cartridge with Tri-Staple™ technology	Tan	60	2.4 / 2.7 / 3.0	Thin/medium	6
GIA80TMS	GIA™ stapler with Tri-Staple™ technology	Tan	80	2.4 / 2.7 / 3.0	Thin/medium	3
GIA80TMC	GIA™ cartridge with Tri-Staple™ technology	Tan	80	2.4 / 2.7 / 3.0	Thin/medium	6

Resources



[GIA™ Stapler with Tri-Staple™ Technology Information Sheet](#)

This information sheet outlines the features and benefits of the GIA™ stapler with Tri-Staple™ technology.

PRODUCT • PDF • 1 MB



[GIA™ Stapler with Tri-Staple™ Technology Value Analysis Brochure](#)

The Value Analysis Brochure will supply the key elements needed to brief a hospital's value analysis committee for purchase consideration.

ECONOMICS AND REIMBURSEMENT • PDF • 14 MB



[GIA™ stapler with Tri-Staple™ Technology Selection Guide](#)

View a one-page guide to showcase the GIA™ staple height options.

PRODUCT • PDF • 701 KB



[GIA™ Stapler with Tri-Staple™ Technology In-Service Guide](#)

Get detailed instruction on how to open, close, remove, reload, and fire the GIA™ stapler with Tri-Staple™ technology.

PRODUCT • PDF • 2 MB

Similar products



GIA™ stapler with DST Series™ technology

The GIA™ reloadable staplers with DST Series™ technology simultaneously cut between two double staggered rows of titanium staples.



Premium Poly CS™ stapler

Premium Poly CS™ staplers place two rows of Lactomer™ absorbable copolymer staples while a knife blade cuts between them, creating a 57 mm opening.



Purstring™ stapler

Purstring™ single-use staplers have stainless steel staples that are attached to the structure or organ where a purse string is desired.



TA™ sta

TA™ sta single-u director

TM Third-party brands are trademarks of their respective owners.
 † Bench test results may not necessarily be indicative of clinical performance.
 ‡ Based on burst pressure testing in porcine colon comparing GIA60MTS (n = 12) and GIA80XTS (n = 12), Ethicon TLC75 (n = 24; p=0.010), Frankenman™ LC808™ (n = 24; p = 0.000), and Panther™ SSAB 80 (n = 24; p = 0.000).
 § Compared to GIA™ staplers with DST series™ technology.
 ¶ Finite element analysis (FEA) was used to determine the strain profiles of Medtronic and Ethicon open linear staplers during clamp-up. The GIA™ stapling with Tri-Staple™ technology demonstrated a graduated compression profile upon clamping.
 †† Preclinical results may not correlate with clinical performance in humans.
 ‡‡ Based on perfusion analysis of Endo GIA™ staplers with Tri-Staple™ technology's graduated-height staple lines versus Ethicon Echelon™ two-row, single-height staple lines (EGIA n = 12, Ethicon n = 14; p = .011).
 ‡‡‡ Based on an in vivo evaluation of tissue abrasion (n = 5), hemostasis (n = 5), and staple formation (n = 30) in canine models.

1. Based on report RE00324614 rev B, Lily comparative testing versus competitive devices. November 2021.
2. Based on verification report RE00171002 rev 0, 80 mm GIA™ stapler with Tri-Staple™ technology purple and black design. August 14, 2019.
3. Based on internal test report RE00324614 rev A2, Comparative testing versus competitive devices. May 2021.
4. Eschbach M, Sindberg GM, Godek ML, et al. Micro CT imaging as a method for comparing perfusion in graduated height and single height surgical staple lines. *Med Devices (Auckl)*. 2018;11:267-273.
5. Based on report RE00222215, Endo GIA™ Tri-Staple™ testing performed and design similarities between Lily and Endo GIA™ Tri-Staple™ technology memo. October 16, 2019.