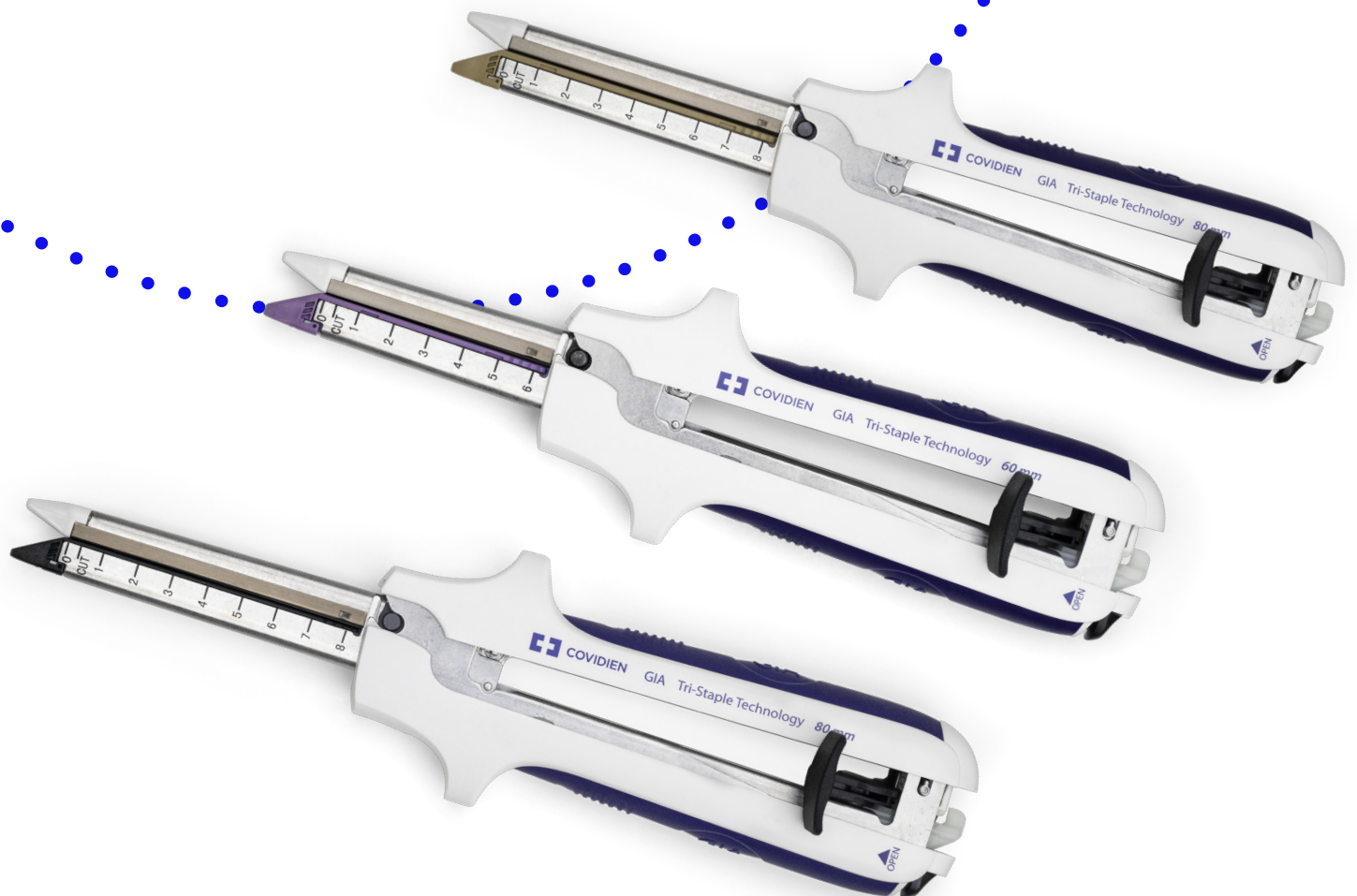


Medtronic

Open stapling. Revolutionized.

GIA™ stapler with Tri-Staple™ technology

The **only** open linear stapler
available with the confidence of
Tri-Staple™ technology



Advancing open stapling with greater leak protection^{1,†,‡}



Strength

Compared to a two-row linear stapler, the GIA™ stapler with Tri-Staple™ technology provides stronger staple line leak pressure.^{2,3,§}

Confidence

To optimize performance in thick-tissue applications, the GIA™ stapler with Tri-Staple™ technology offers:

- A new knife blade with every firing⁴
- Less retraction force than staplers with DST Series™ technology^{4,§,Ω}

Flexibility

The GIA™ stapler with Tri-Staple™ technology can be used with interchangeable cartridges to accommodate a broad range of tissue applications.⁴

Ordering information

	Description	Tan (thin/medium)	Purple (medium/thick)	Black (extra thick)
60 mm	Stapler	GIA60TMS	GIA60MTS	GIA60XTS
	Cartridge	GIA60TMC	GIA60MTC	GIA60XTC
80 mm	Stapler	GIA80TMS	GIA80MTS	GIA80XTS
	Cartridge	GIA80TMC	GIA80MTC	GIA80XTC



Less stress

On tissue during compression and clamping^{5,†,††}



Greater perfusion

May be allowed into the staple line^{5,6,‡,§§}



Consistent performance

Over a broad range of tissue thicknesses^{2,‡,ΩΩ}

Contact your Medtronic sales representative to learn more.

[†]Bench test results may not necessarily be indicative of clinical performance. [‡]Based on burst pressure testing in porcine colon comparing GIA80MTS (n = 12) and GIA80XTS (n = 12), Ethicon™ TLC75 (n = 24; p = 0.010), Frankenman™ LC80B™ (n = 24; p = 0.000), and Panther™ SSAB-80 (n = 24; p = 0.000). [§]Compared to GIA™ staplers with DST Series™ technology. ^Ω12 out of 12 surgeons surveyed. ^{††}Finite element analysis (FEA) was used to determine the strain profiles of Covidien 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 vs. Ethicon Echelon™ two-row, single-height staple lines (EGIA n = 12, Ethicon n = 14; p = .011). ^{ΩΩ}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 report # RE00171002 rev 0, 80 mm GIA™ stapler with Tri-Staple™ technology purple and black design verification report. Aug. 14, 2019. ³. Based on internal test report #RE00324614 rev A2, Comparative testing versus competitive devices. May 2021. ⁴. Based on report # RE00218526, R&D memo. Aug. 27, 2019. ⁵. 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. ⁶. Based on report # RE00222215, Endo GIA™ Tri-Staple™ testing performed and design similarities between Lily and Endo GIA™ Tri-Staple™ technology memo. Oct. 16, 2019.

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