Medtronic

Intelligent stapling now comes standard.

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Tri-Staple™ 2.0 intelligence-enabled chips are now built into our entire laparoscopic reload portfolio, including both standard and specialty reloads. Tri-Staple™ 2.0 reloads are designed for use with the Signia™ stapler to support a consistent and unified surgical stapling ecosystem.

Reloads built for real-time feedback

When used with the Signia™ stapler, Tri-Staple™ 2.0 reloads function with all the advantages of an intelligent stapling system:

- **Better staple formation** in average, thick, and extra thick tissue[†,‡,1,2]

- **Real-time feedback** before and during firing, which allows you to make informed decisions about staple reload selection[¶,3,4]

- An **easy-to-read display screen**[§,5] that simplifies setup and use[◊,5]

This device is 510(k) cleared for sale in the U.S. Availability in other markets is subject to applicable regulatory approvals.

† Preclinical results may not correlate with clinical performance in humans.
‡ Compared to Ethicon™* powered stapling with GST technology.
§ 23 out of 23 surgeons surveyed agreed.
◊ 38 out of 38 surgeons surveyed agreed.
¶ Bench test results may not necessarily be indicative of clinical performance.

Put intelligence into practice

Tri-Staple™ 2.0 gives you more reload options for real-time feedback during clamping and firing.[3] Harness the power of an advanced technology that's designed to:

• Allow for recognition of reloads[3]

• Provide information throughout firing to help surgeons make informed decisions[§,4]

• Deliver better staple formation in variable tissue[†,‡,1,2]

• Provide significant reduction in distal tip motion[§,#,6]

Don't settle for imitations, substitutions, or a two-row staple line. Experience surgical stapling innovation with the Tri-Staple™ 2.0 reload portfolio and the Signia™ stapler.

Ordering information

Order code	Product description	Color	Staple heights	Tissue type
SIG45AV	Tri-Staple™ 2.0 Reload, 45 mm	Gray	2 mm, 2 mm, 2 mm	Extra thin/vascular
SIG45AVM	Tri-Staple™ 2.0 Reload, 45 mm	Tan	2 mm, 2.5 mm, 3 mm	Vascular/medium tissue
SIG45AMT	Tri-Staple™ 2.0 Reload, 45 mm	Purple	3 mm, 3.5 mm, 4 mm	Medium/thick tissue
SIG60AVM	Tri-Staple™ 2.0 Reload, 60 mm	Tan	2 mm, 2.5 mm, 3 mm	Vascular/medium tissue
SIG60AMT	Tri-Staple™ 2.0 Reload, 60 mm	Purple	3 mm, 3.5 mm, 4 mm	Medium/thick tissue

Explore the next-generation stapling ecosystem

View the Signia™ stapling system and Tri-Staple™ 2.0 reload portfolio at **medtronic.com/signia**.

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1. Based on internal test report #PCG-028, Signia™ stapling system competitive claims, March 27, 2017.
2. Based on internal test report #PCG-032, Comparison of undercrimp staple measurement between Medtronic and Ethicon powered stapling platforms. May 10, 2018.
3. Based on PT00032755 Signia™ Stapler User Manual.
4. Based on internal test report #RE00055515, Surgeon evaluation testing Signia™ Stapling System sensing technology and real-time feedback. August 4, 2016.
5. Based on internal test report #RE00024826 rev D, Signia™ stapling system summative usability report. September 2016.
6. Based on internal test report #RE00433113 Signia™ Tri-Staple™ twitch engineering report R2146-1111-0 Gen II Powered.

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