



Powered by intelligence.

Experience the powered surgical stapler equipped with Adaptive Firing™ technology to sense tissue thickness and adjust firing speed accordingly.^{†,1,2}



Intelligence that senses, measures, informs, and adapts

- Adaptive Firing™ technology senses tissue thickness and adjusts firing speed accordingly.^{†,1,2}
- Use force- and tissue-sensing technology to improve staple performance in variable tissue.^{†,1,2}
- Get real-time feedback so you can make informed decisions regarding reload selection.^{‡,3}



Confidence for you – strength for patients^{†,1,2,4}

- Deliver 50% stronger staple lines.^{‡,5}
- Reduce the percentage of malformed staples by up to 84%.^{†,1,2,4}
- Optimize staple formation for increased consistency and reliability.^{†,1,2}



Clinical versatility meets ergonomic ease

- Explore a range of adapters and reloads designed to meet your needs across surgical approaches and specialties
- Feel the difference of easy-to-use push-button controls that accommodate a wide range of users.^{§,6}
- Experience greater precision and maneuverability.^{¶,7}



Intelligent surgical stapling backed by the benefits of Tri-Staple™ technology:

Superior performance^{†,§,8-12}

Greater perfusion^{Δ,13}

Less stress on tissue^{Δ,∞,11,14}

[†] Preclinical results may not correlate with clinical performance in humans. [‡] Bench test results may not necessarily be indicative of clinical performance. [§] Compared to Ethicon™ powered stapler with GST technology. [¶] 38 out of 38 surgeons surveyed agreed. [¶] Compared to manual staplers or EES Echelon Flex™ during placement. [#] Bench test results may not necessarily be indicative of clinical performance. Compared to Ethicon Echelon Flex™. ^Δ Compared to flat-faced cartridges with single-height staples. [∞] Compared to Echelon Flex™ green reloads analysis comparing different stapler designs, performance, and impact on tissues under compression using 2-D finite element analysis.

Meet clinical challenges with confidence.

Contact your Medtronic representative to bring the power of intelligence into your OR – and be empowered to transform surgical stapling like never before.

Ordering information

Product code	Description	Quantity
SIGPHANDLE	Signia™ power handle	1
SIGPSHELL	Signia™ power shell	1
SIGSBCHGR	Signia™ single-bay charger	1
SIGRIG	Signia™ reusable insertion guide	1
SIGMRET	Signia™ manual retraction tool	1
SIGTRAY	Signia™ sterilization tray	1
SIGPCORD1	Signia™ power cord 1 – US	1
SIGPCORD6	Signia™ power cord 6 – JA	1
SIGADAPTSTND	Signia™ linear adapter (standard length)	1
SIGADAPTXL	Signia™ linear adapter (XL length)	1
SIGADAPTSHORT	Signia™ linear adapter (short length)	1



Experience intelligence. Experience confidence. **Experience Signia™.**

Visit us at [Medtronic.com/signia](https://www.Medtronic.com/signia) to explore our full portfolio and reload options.

1. Based on internal test report #R2146-173-0, ASA verification testing with slow speed force limit evaluation. 2015.
2. Based on internal test report #R2146-151-0, Powered stapling firing speed DOE analysis and ASA parameters. 2015.
3. Based on internal test report #RE00055515, Surgeon evaluation testing Signia™ stapling system sensing technology and real-time feedback. Aug. 4, 2016.
4. Based on internal report #RE00218740, Signia™ stapling adaptive firing technology data calculations and references. Aug. 7, 2019.
5. Based on internal test report #RE00147607, 4.5 mm round staple pull-apart analysis report 2018.
6. Based on internal test report #RE00024826 rev D, Signia™ stapling system summative usability report. September 2016.
7. Based on internal report #R0033554, iDrive™ Ultra stapler PCR summary report. November 2012.
8. Based on internal test report #PCG-001, Tyvek pull-apart test comparing Echelon™ and Tri-Staple™ technology. March 2011.
9. Based on internal test report #PCG-004, Undercrimp comparisons in increasing pads of foam between Echelon™ and Tri-Staple™ technology. January 2012.
10. Based on internal test report #PCG-006, Staple formation comparison between Medtronic EGIA60AXT and Ethicon ECR60G in an ex-vivo tissue model. January 2012.
11. Based on internal test report #PCG-018, 2-D FEA of linear staplers. November 2012.
12. Based on internal test report #PCG-019, Comparative test of Endo GIA™ stapler using black reloads with Tri-Staple™ technology and Ethicon Echelon Flex™ black reloads. June 2014.
13. Based on internal test report #2128-002-2, Final analysis of staple-line vascularity using MicroCT. July 2015.
14. Based on internal test report #PCG-007 rev 1, Perfusion into Clamped Media. Sept. 2, 2011.

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