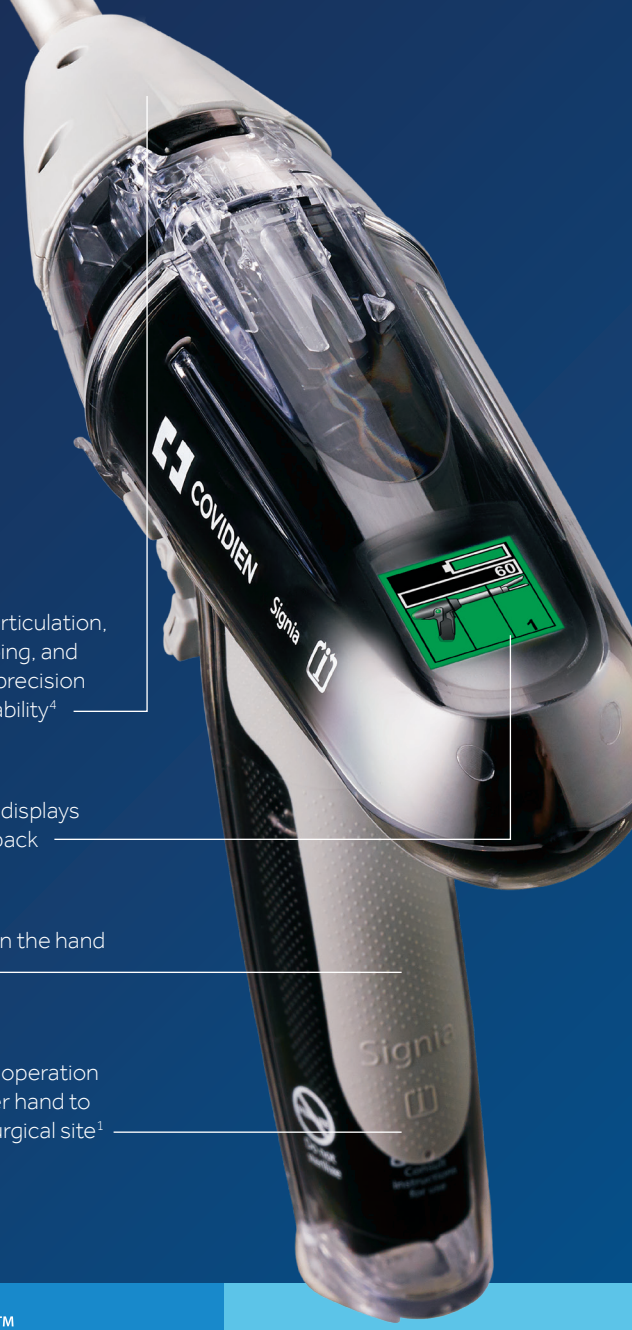
NOT JUST A NEW STAPLER. A SMART STAPLER.

Smart technology that gives you real-time feedback and powered rotation, articulation, and firing — **with one hand**.[1] That's the Signia™ stapler.

Medtronic
Further, Together

THE FUTURE OF STAPLING IS **IN YOUR HANDS TODAY.**



And it combines the proven benefits of Tri-Staple™ technology with the power of real-time feedback.

The world's first smart stapler is here. And it's designed to help you deliver consistent staple lines.[2,3]

Because the Signia™ stapler doesn't just adapt to tissue variability, it lets you know when it does, with audible and visual feedback displayed on the handle — before you fire. It's made possible by tissue-sensing technology.[1-3]

So, when you clamp on tissue, the stapler:

- Displays real-time feedback, showing the device is ready to fire[5]
- Sets one of three firing speeds based on the tissue clamped[2,3]
- Adjusts firing speed based on tissue variability and thickness[1-3]

When combined with Tri-Staple™ 2.0 reloads as a result of this groundbreaking technology, you get:

- Less stress on tissue[7]
- Better perfusion into the staple line[8]
- Outstanding performance in variable tissue

- Fully powered articulation, rotation, clamping, and firing provides precision and maneuverability[4]
- An LED screen displays real-time feedback
- Well-balanced in the hand during use[6]
- Single-handed operation frees your other hand to focus on the surgical site[1]

Intelligence Enabled™

The technology that makes smart stapling a reality.

1. Based on internal test report #RE00024826. Signia™ Stapling System Summative Usability Report, Rev A, January 2016.
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 #R2146-173-0, ASA Verification Testing with Slow Speed Force Limit Evaluation, 2015.
4. S. Drew, T. Tarek, P. Donald. UCONN Biodynamics Final Report on Results focusing on biomechanical exposures related to laparoscopic stapler use. Report #RE00022065, 2012.
5. PT00002451 Signia™ Stapler User Manual, Page 13.
6. Based on internal test report #RE00027558. Signia™ Powered Stapler Center of Mass, 2015.
7. When compared to Echelon Flex™* green reloads as part of an analysis comparing different stapler designs and their performance and impact on tissues under compression using two-dimensional finite element analysis. Sept. 2, 2011. Report #PCG-007 rev 1.
8. Based on internal engineering report #2128-002-2, Final analysis of staple line vascularity using MicroCT. April 27, 2015.

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