

LESS STRESS ON TISSUE.^{1,†,‡,§} GREATER SECURITY.^{2-4,†,Ω}



The EEA™ Circular Stapler
with Tri-Staple™ Technology

The EEA™ circular stapler
with Tri-Staple™ technology has:



3 ROWS

of varied height
staples⁵

The Ethicon™ ILS circular stapler
and the EEA™ stapler with DST Series™
technology have:



2 ROWS

of staples⁷

Compared to the Ethicon™ ILS circular stapler and the EEA™ stapler with DST Series™ technology, the EEA™ device with Tri-Staple™ technology provides:

30%
MORE SECURITY

at the staple line
during the critical
healing period^{2-4,†,Ω,††}

33.3%
REDUCTION

in firing force vs.
circular staplers
with DST Series™
technology⁶

60%
REDUCTION

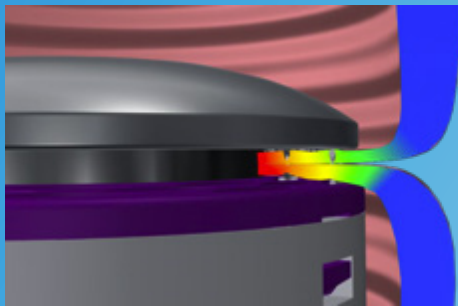
in firing force vs.
the Ethicon™ ILS
circular stapler⁶

**MORE
CONSISTENT
AUDIBLE
FEEDBACK⁶**

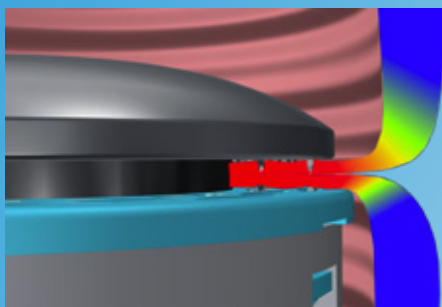
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Further. Together

Tri-Staple™ technology's sloped cartridge face delivers less stress on tissue compared to the Ethicon™ ILS stapler's flat-faced cartridges during compression and clamping.^{1,†,§}

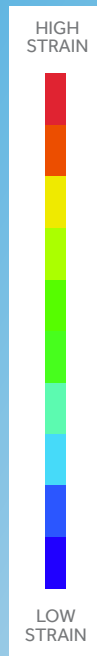
SLOPED CARTRIDGE FACE



FLAT CARTRIDGE FACE



KEY



LESS STRESS

On tissue during compression and clamping^{1,†,§}



GREATER PERFUSION

May be allowed into the staple line^{8,9,†}



CONSISTENT PERFORMANCE

Over a broad range of tissue thicknesses^{5,7,10}



Staple Height Recommendations

- If you normally use a 4.8 mm **green thick tissue** circular stapler, or larger, for anastomosis, then you should consider converting to the **black extra-thick** EEA™ circular stapler with Tri-Staple™ technology. The black stapler provides an approximate staple height of 4.0 mm, 4.5 mm, and 5.0 mm.
- If you normally use a 4.8 mm **green thick tissue** circular stapler, or larger, for anastomosis, but the patient's tissue seems thinner than the indicated range, you should consider converting to the **purple medium/thick** EEA™ circular stapler with Tri-Staple™ technology. The purple stapler provides an approximate staple height of 3.0 mm, 3.5 mm, and 4.0 mm.
- If a **black extra-thick** EEA™ circular stapler with Tri-Staple™ technology is not available, and the tissue exceeds the indicated range of either a 3.5 mm **blue** circular stapler or the **purple medium/thick** circular stapler, then you should consider using a 4.8 mm **green thick tissue** circular stapler with DST Series™ technology.

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[†]Preclinical results may not correlate with clinical performance in humans. [‡]Compared to two-row circular staplers. [§]Finite element analysis (FEA) was used to determine the strain profiles of three circular staplers during clamp-up. The EEA™ circular stapler with Tri-Staple™ technology demonstrated a graduated compression profile upon clamping. ^ΩBased on the addition of a third row of staples in the EEA™ circular stapler with Tri-Staple™ technology, as compared to predicate two-row device designs. ^{††}Refers to the healing period (generally through day 28) that was evaluated in multiple preclinical (canine) survival studies designed to assess device safety and efficacy. **1.** Based on internal test report #PCG-30, Comparison of circular staplers: tissue compression profiles as determined by 2-D static axisymmetric finite element analysis (FEA). Aug. 2, 2018. **2.** Based on internal test report #2128-194, Comparison of EEA™ circular stapler with Tri-Staple™ technology to EEA™ circular stapler with DST Series™ technology in colocolonic and gastrojejunal anastomoses. Aug. 20, 2015. **3.** Based on internal test report #RE0036707, Pilot: comparison of EEA™ circular stapler with Tri-Staple™ technology to EEA™ circular stapler with DST Series™ technology in an esophago-gastrostomy using a canine model. Feb. 25, 2015. **4.** Based on internal test report #2128-097, Evaluation of early wound healing events in gastrojejunostomies and colonic anastomosis using a three row EEA™ stapler in canines. Aug. 7, 2013. **5.** Based on internal test report #RE00069039, EEA™ circular stapler with Tri-Staple™ technology design verification report. Dec. 2, 2014. **6.** Based on internal test report #RE00183973, Firing force and audible feedback test report. May 2019. **7.** Based on internal test report #2128-053, Ethicon benchmark testing— Signia™ circular reload. June 17, 2014. **8.** Based on extrapolation of perfusion studies performed for Endo GIA™ with Tri-Staple™ technology; internal test report #2128-002-2, Final analysis of staple line vascularity using MicroCT. April 27, 2015. **9.** Based on internal test report #PCG-007, Media absorbency under clamped conditions. Aug. 6, 2012. **10.** Based on internal test report #RE00008030, Tulip benchmark test report. March 18, 2016.