

**STAPLE  
LINE  
SECURITY.  
TIMES  
THREE.**



The proven performance of  
**Tri-Staple™ technology**, now  
on the EEA™ circular stapler

**Medtronic**  
Further, Together



# CLINICAL CONFIDENCE. BECAUSE IT'S PROVEN TECHNOLOGY.

The advantages of the EEA™ circular stapler with **Tri-Staple™** technology, compared to two-row circular staplers:

## GREATER PERFUSION



May be allowed into the staple line<sup>1,2,†</sup>

## LESS STRESS



On tissue during compression and clamping<sup>3,†,‡</sup>

## CONSISTENT PERFORMANCE



Over a broad range of tissue thicknesses<sup>4-6</sup>

† Preclinical results may not correlate with clinical performance in humans.

‡ 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.

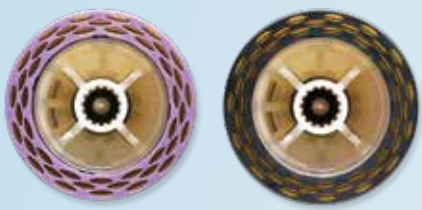


Sloped cartridge face<sup>4</sup>

Three rows of varied height staples<sup>4</sup>

Tilt-top™ anvil facilitates removal

Same inner and outer lumen diameters as circular staplers with DST Series™ technology<sup>4</sup>



Includes 30% more staples in the staplers of the same lumen diameters<sup>9,†</sup>

Better audible and tactile feedback<sup>7,†,‡</sup>

Requires 14 percent less firing force<sup>8,†</sup>

# MORE SECURED STAPLE LINES.

30% additional security to the staple lines during the critical wound healing period<sup>10-12,§,Ω,††</sup>



† As compared to two-row circular staplers.  
 ‡ 16 out of 19 surgeons surveyed agreed.  
 § Based 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.  
 Ω 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.  
 †† Preclinical results may not correlate with clinical performance in humans.

# CONFIDENCE COMES FULL CIRCLE



Let's bring the consistent performance of **Tri-Staple™** technology to your colorectal procedures

Reorder Code	Product Description	Color	Staple Size (inner to outer row)	Staplers in Carton
TRIEEA28MT	EEA™ Circular Stapler with Tri-Staple™ Technology 28 mm Medium/Thick	Purple	3.0 mm, 3.5 mm, 4.0 mm	3
TRIEEA28XT	Black EEA™ Circular Stapler with Tri-Staple™ Technology 28 mm Extra Thick	Black	4.0 mm, 4.5 mm, 5.0 mm	3
TRIEEA31MT	EEA™ Circular Stapler with Tri-Staple™ Technology 31 mm Medium/Thick	Purple	3.0 mm, 3.5 mm, 4.0 mm	3
TRIEEA31XT	Black EEA™ Circular Stapler with Tri-Staple™ Technology 31mm Extra Thick	Black	4.0 mm, 4.5 mm, 5.0 mm	3
TRIEEAXL33MT	EEA™ Circular Stapler XL Length with Tri-Staple™ Technology 33 mm Medium/Thick	Purple	3.0 mm, 3.5 mm, 4.0 mm	3
TRIEEAXL33XT	Black EEA™ Circular Stapler XL Length with Tri-Staple™ Technology 33 mm Extra Thick	Black	4.0 mm, 4.5 mm, 5.0 mm	3

1. Based on internal test report #PCG-30, Comparison of circular staplers: tissue compression profiles as determine by 2-D static axisymmetric finite element analysis (FEA).
2. 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.
3. Based on internal test report #PCG-007, Media absorbency under clamped conditions. Aug. 6, 2012.
4. Based on internal test report #RE00069039, EEA™ circular stapler with Tri-Staple™ technology design verification report. Dec. 2, 2014.
5. Based on internal test report #RE00008030, Tulip benchmark test report.
6. Based on internal test report #2128-053, Ethicon benchmark testing – Signia™ circular reload.
7. Based on internal test report #RE00073061, Tulip formative evaluation summary.
8. Based on internal test report #RE00074556, Tulip and DST firing force comparison report.
9. Zhang J. The use of the language "EEA" circular stapler with Tri-Staple™ technology has 30 percent more staples in the staplers of the same lumen diameters as compared to two row circular staplers" in marketing materials [memorandum]. North Haven, CT: Medtronic.
10. 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.
11. 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.
12. 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.