TRI-STAPLE в аппаратах циркулярного анастомоза





Доказанная эффективность технологии 3-рядного шва **Tri-Staple** в циркулярных степлерах EEA

Medtronic
Further, Together



Клинически доказанная эффективность.

Преимущества циркулярных степлеров EEA с технологией **Tri-Staple** по сравнению с 2-рядным циркулярным степлером :

УЛУЧШЕННОЕ КРОВОСНАБЖЕНИЕ



Линии шва[1,2,†]

СНИЖЕНИЕ НАГРУЗКИ НА ТКАНИ



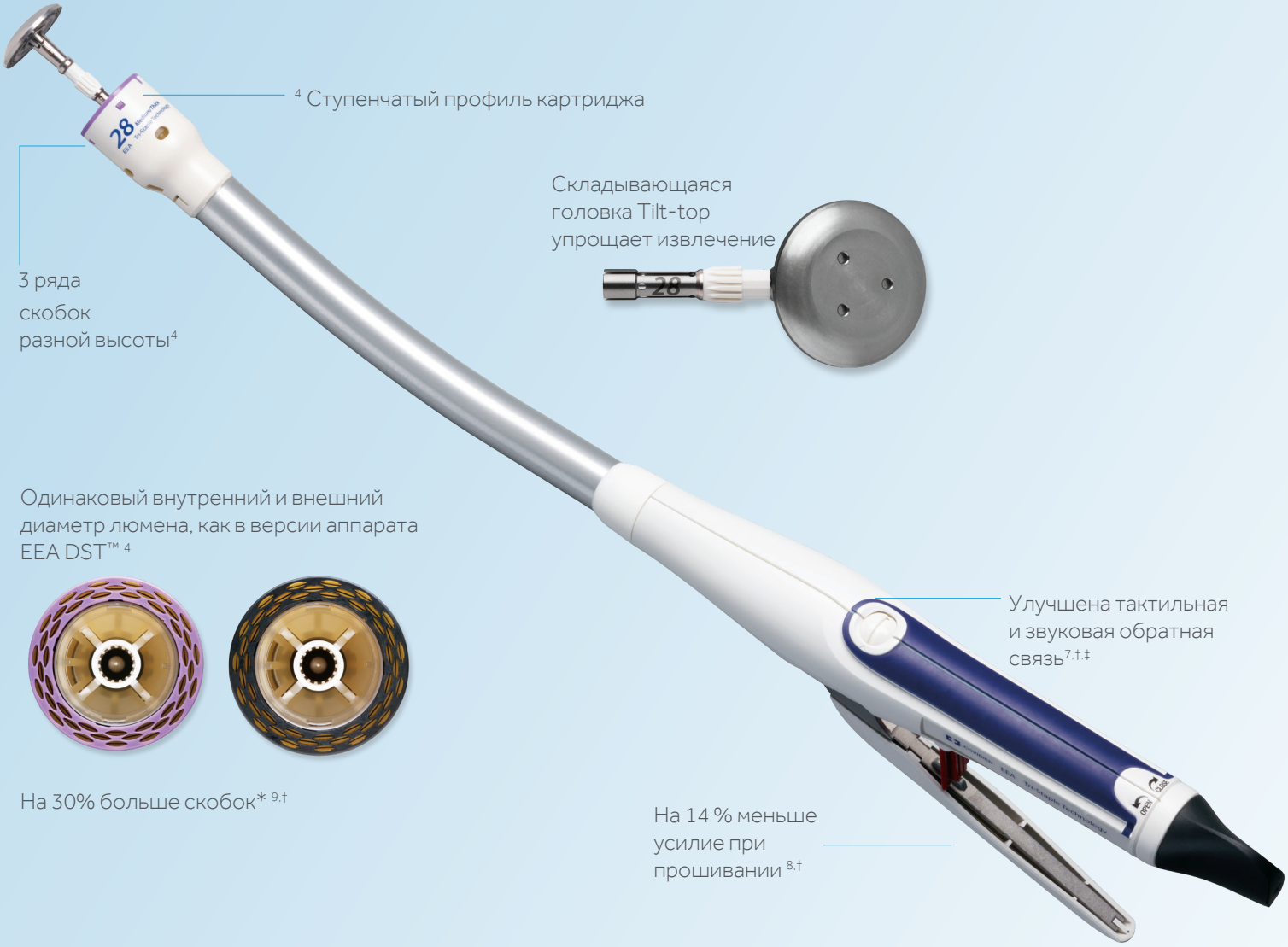
На этапах компрессии и закрытия браншей[3,†,‡]

ВЫСОКОЕ КАЧЕСТВО ФОРМИРОВАНИЯ ШВА



На тканях разной толщины[4-6]

† 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.



НАДЕЖНОСТЬ.

степлерного шва в период заживления анастомоза[10-12,§,Ω,††]

† 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.



УВЕРЕННОСТЬ
В РЕЗУЛЬТАТЕ



Технология **Tri-Staple** в аппаратах циркулярного анастомоза

Внутренний номер	Описание	Цвет	Высота скрепки (от центра)	Кол-во в упаковке
TRIEEA28MT	Циркулярный степлер EEA Tri-Staple для кассет средней/большой толщины, 28 мм	Фиол.	3.0 мм, 3.5 мм, 4.0 мм	3
TRIEEA28XT	Циркулярный степлер EEA Tri-Staple для черных, сверхтолстых кассет, 28 мм	Черный	4.0 мм, 4.5 мм, 5.0 мм	3
TRIEEA31MT	Циркулярный степлер EEATri-Staple для кассет средней/большой толщины, 31 мм	Фиол..	3.0 мм, 3.5 мм, 4.0 мм	3
TRIEEA31XT	Циркулярный степлер EEA Tri-Staple для черных, сверхтолстых кассет, 31 мм	Черный	4.0 мм, 4.5 мм, 5.0 мм	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.

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