Minimizing the challenges associated with extra-thick, hard-to-reach and high-risk tissues
An advanced solution for every tissue management challenge

No single stapler can address the wide range of tissue management issues surgeons can face on a daily basis. That’s why we have developed a portfolio of stapling solutions designed to meet specific needs and challenges. Each reload incorporates unique and proprietary design features that deliver performance conventional staplers simply can’t match.

Reduce Acute Bleeding and Air Leaks

Endo GIA™ Reinforced Reload with Tri-Staple™ Technology

The Reinforced Reload with Tri-Staple™ technology is the only stapler with preloaded tissue reinforcement to provide improved ease of use, reducing errors and waste in the OR.⁷ The preloaded material combined with Tri-Staple™ technology reduces acute bleeding and air leaks, and provides a higher leak pressure point vs. non-butressed reloads.⁷

Extra-thick tissue

Endo GIA™ Black Reload with Tri-Staple™ Technology

The only reload designed specifically for use in extra-thick tissue applications, the Endo GIA™ black reload offers a 50% thicker tissue range compared with the Echelon Flex™ green reload.³ It is ideal for thick, dense tissues commonly found in challenging bariatric and thoracic procedures.
**Access to the pelvic floor**

**Endo GIA™ Radial Reload with Tri-Staple™ Technology**

The breakthrough design of the Endo GIA™ radial reload provides access 1 to 2 cm lower in the pelvis compared with Ethicon Contour™ — Facilitation of better distal margins. The proprietary geometry also offers enhanced unique geometry improves visualization in the pelvis when compared to Contour.4

**Hard-to-reach tissues and vessels**

**Endo GIA™ Curved Tip Reload with Tri-Staple™ Technology**

The first reload with a curved tip on the distal end of the anvil, the Endo GIA™ curved tip reload facilitates access in challenging tissue conditions. The unique design enhances visualization and maneuverability while allowing for blunt dissection — benefits that may result in operative time savings during thoracoscopic lung resection procedures.5

**Small, narrow and tight spaces**

**Endo GIA™ 30 mm Reload with Tri-Staple™ Technology**

The Endo GIA™ 30 mm reload is designed specifically for use in situations where space is limited. With its extra-short design, it provides outstanding access and maneuverability in cavities that can’t accommodate larger size reloads.

**Advanced technology for optimal interaction between stapler and tissue**

Each reload in the specialty stapling portfolio incorporates our proprietary Tri-Staple™ technology. With its unique design elements like a stronger fixed anvil, stepped cartridge face and staggered staple heights, Tri-Staple™ technology delivers graduated compression that can reduce stress on tissue during clamping and compression6 and allows greater perfusion into the staple line.7
Universal compatibility means more flexibility

Now you can be sure you have the right reload for every firing, all with a single handle — no matter what tissue challenge comes your way. Each reload in the specialty stapling portfolio is fully compatible with our Endo GIA™ Ultra universal staplers as well as the iDrive™ Ultra powered stapling system.

Endo GIA™ Ultra Universal Handle

- Ergonomic design
- Precise articulation
- One-handed grasping
- Available in three lengths (short, standard, XL) for procedure-specific use

iDrive™ Ultra Stapling System:

- Only fully powered, reusable, battery-operated endoscopic stapler
- One-handed push-button operation
- Greater precision

For more information, please visit medtronic.eu/product-catalog

1. “Survey of tissue reinforcement users to determine waste and time loss attributed to separately loaded buttress materials in the OR.” Online U.S. national sample of 125 surgeons and 125 OR nurses. Covidien-sponsored study by ORC International. 1/19/11.
3. Indicated tissue thickness range: Endo GIA™ black reload (2.25 mm to 3.00 mm) vs. Echelon Flex™ green reload (2.0 mm).
4. Pelvic depth, access, and rectal transection comparative human cadaver study sponsored internally in May 2010 comparing the performance of the Endo GIA™ radial reload with Tri-Staple™ technology with the Ethicon Contour™ curved cutter stapler. Statistically significant results in both coronal and sagittal planes (internal engineering report #WBS-1895; data on file).
5. In a retrospective review of 45 de-identified, unedited videos of thoracoscopic lung resection cases, the curved tip was associated with better time savings during thoracoscopic lung resection procedures. Demmy TL, Mayfield WR. Anvil extension technology in thoracic surgery. Ann Thorac Surg. 2012;93(4):1280-1284.
6. When compared with Echelon Flex™ green reloads as part of a September 2, 2011 analysis comparing different stapler designs and their performance and impact on tissues under compression using two-dimensional finite element analysis. (data on file).
8. Average 61% reduction in reload tip travel during firing when compared to Ethicon Endo-Surgery Echelon Flex™ in indicated media, n=10 surgeons, 172 total trials, p<0.0005.

IMPORTANT: Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

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