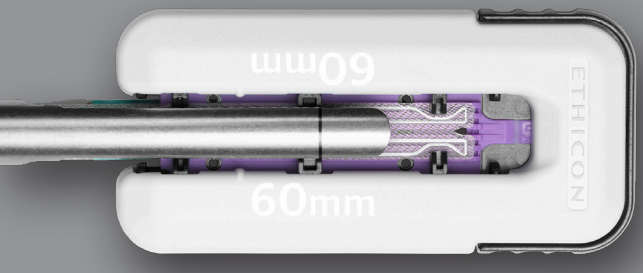
Finally, a buttress that enables **seamless tissue manipulation**[1]



Experience the difference with ECHELON ENDOPATH™ Staple Line Reinforcement

See it come to life with augmented reality:
Scan the QR code with your iOS 13 iPhone or iPad camera to visit the website. Then tap the augmented reality (AR) icon to start the experience.

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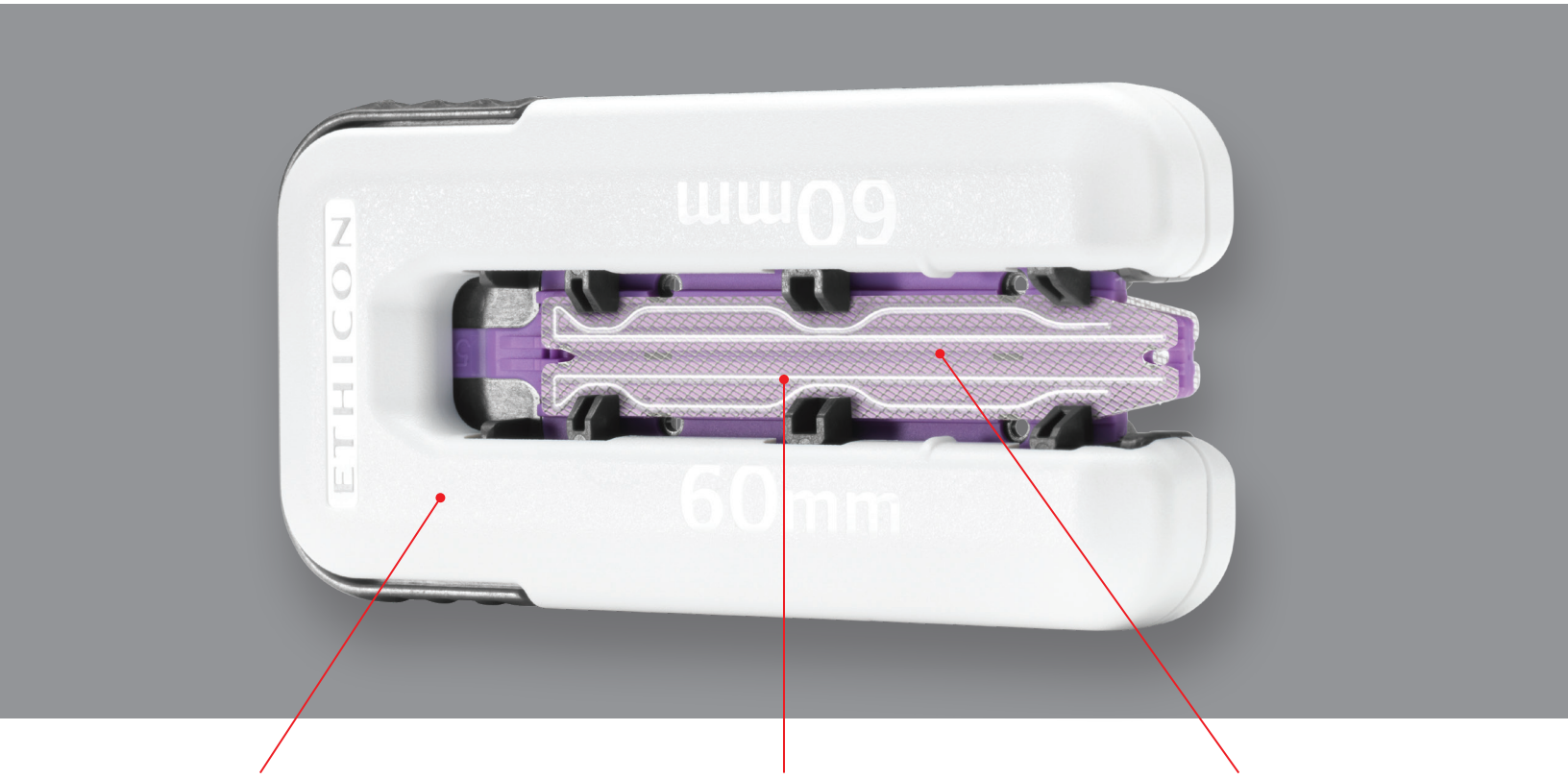
Shaping the future of surgery

1 Based on coverage after manipulation assessment on porcine tissue.

Introducing ECHELON ENDOPATH™ Staple Line Reinforcement

ECHELON ENDOPATH™ Staple Line Reinforcement enables a seamless buttress experience from start to finish.[1] The simple click-and-go applicator and proprietary buttress attachment material (BAM) are designed for consistent loading every time.[1] The applicator allows you to experience precise control during attachment while the BAM provides **seamless tissue manipulation** and release.[1] All so you can transect as you intend.



Seamless application

Simple click-and-go applicator with no anvil or cartridge side for fast, easy buttress application

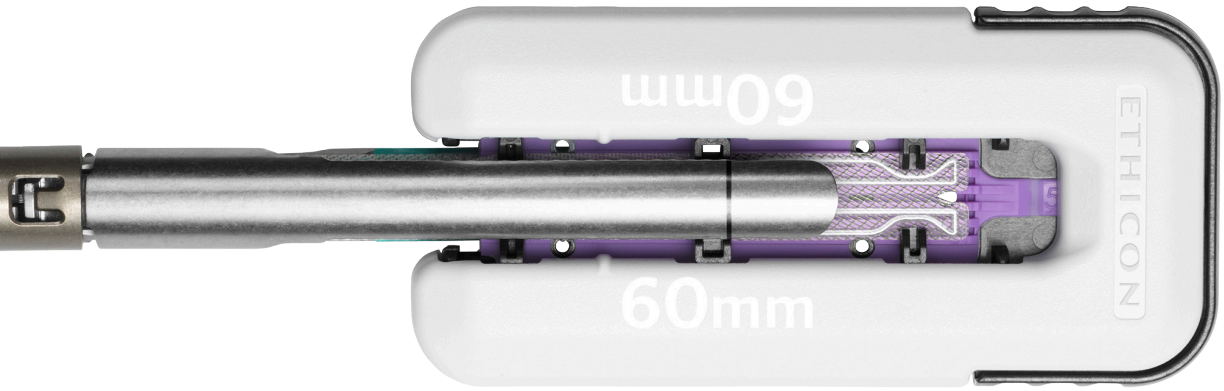
Seamless tissue manipulation

Proprietary buttress attachment material (BAM) affixes buttress across the **entire anvil and cartridge face** for no slipping, twisting, sliding or bunching[1]

Seamless performance

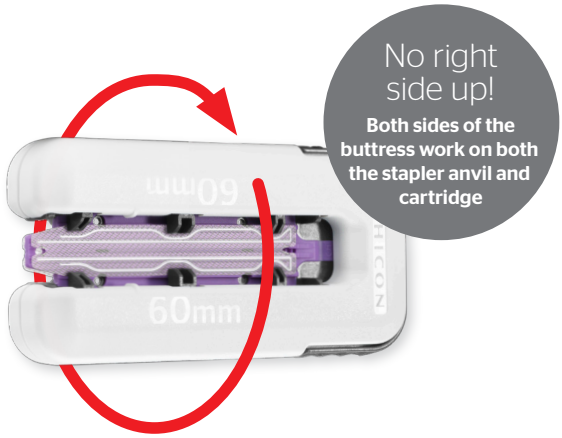
Reinforcement made from the **same trusted materials used in VICRYL® and PDS® sutures**

1 Based on coverage after manipulation assessment on porcine tissue.



Seamless application

The simple click-and-go applicator makes reinforcing the staple line easy for surgeons and OR staff. **Just clamp and release** for accurately pre-applied self-adhesive buttress on the stapler anvil and cartridge.



Designed for OR efficiency

Fewer steps compared to GORE® SEAMGUARD® Staple Line Reinforcement.

	Fewer steps to load[1]	Less time to load
ECHELON ENDOPATH™ Staple Line Reinforcement	4 steps	18 seconds
GORE® SEAMGUARD® Staple Line Reinforcement	12 steps	81 seconds
PERI-STRIPS DRY with VERITAS Collagen Matrix Staple Line Reinforcement	16 steps	78 seconds

1 Ricketts C, Pollack E. Evaluation of setup by nurses of a novel click and go staple line reinforcement system. Glob Surg. 2020;6. doi:10.15761/GOS.1000215.

Seamless tissue manipulation

The proprietary buttress attachment material (BAM) of ECHELON ENDOPATH™ Staple Line Reinforcement delivers **secure attachment for uninterrupted tissue manipulation.** The pattern of the BAM allows it to affix across the entire anvil and cartridge face instead of being anchored in just a few spots. This means the buttress stays reliably in place on your device, yet gently releases from tissue. It's all designed to work with the ECHELON FLEX™ GST System, allowing you to transect as you intend, with:

- No slipping, twisting, sliding or bunching[1]
- No movement when inserting into trocar
- Stability while manipulating on tissue

Exceptional coverage after tissue manipulation

100% of ECHELON ENDOPATH™ Staple Line Reinforcement applications covered all staples with buttress[2]

vs.

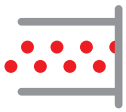
28% of GORE® SEAMGUARD® Staple Line Reinforcement applications covered all staples with buttress[2]

0% of Endo GIA™ Reinforced Reload with Tri-Staple™ Technology applications covered all staples with buttress[3]

1 Based on coverage after manipulation assessment on porcine tissue. **2** In a tissue test ECHELON ENDOPATH™ Reinforcement covered all staple legs in (40/40) applications compared to GORE™ SEAMGUARD™ (11/40), $p<0.05$. **3** In a tissue test ECHELON ENDOPATH™ Staple Line Reinforcement fully covered staple legs in (15/15) applications compared to Endo GIA™ Reinforced Reload with Tri-Staple™ Technology (0/15), $p<0.05$.

Seamless performance

The ECHELON ENDOPATH™ Staple Line Reinforcement bioabsorbable buttress is made from the **same trusted materials used in VICRYL® and PDS® sutures.** By combining innovative design with the materials you've known and trusted in suturing for years, the buttress delivers technology you can trust for the tissue interaction you need.

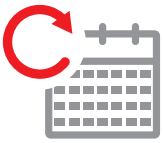


Same hemostasis

as GORE® SEAMGUARD® Staple Line Reinforcement with 45% less material left behind[1]

16% thinner

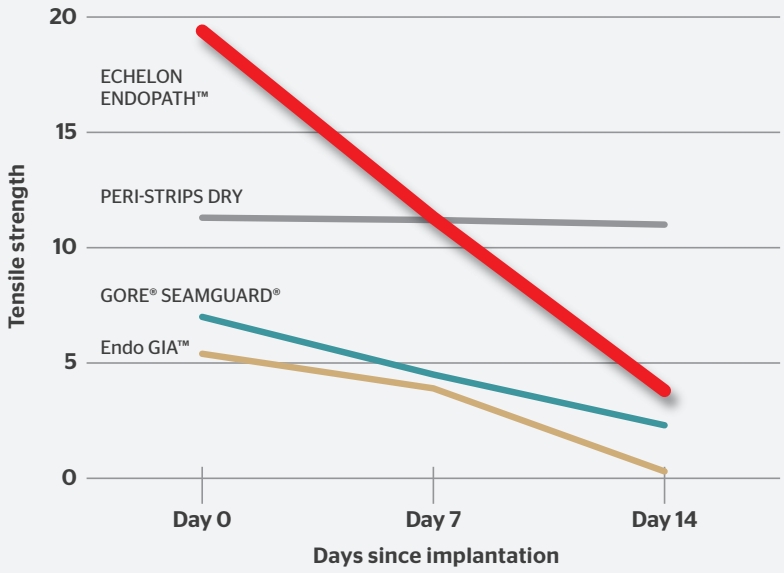
than GORE® SEAMGUARD® Staple Line Reinforcement on average[2]



Absorbed in 17 weeks[3]

Delivered faster absorption than GORE® SEAMGUARD® Staple Line Reinforcement[4]

Greater strength retention during critical wound healing time



ECHELON ENDOPATH™ Staple Line Reinforcement (Absorbable)

PERI-STRIPS DRY with VERITAS Collagen Matrix Staple Line Reinforcement (Not absorbable)

GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement (Absorbable)

Endo GIA™ Reinforced Reload with Tri-Staple™ Technology (Absorbable)

1 ECHELON ENDOPATH™ Staple Line Reinforcement vs. GORE® SEAMGUARD® Staple Line Reinforcement. Hemostasis: evaluated via gross observations of firings requiring intervention in 1.38mm to 2.32mm thick porcine ileum and jejunum tissues, evaluated via a 5-point Likert scale resulting in statistically no difference in Likert scores. Material: based on average total surface area measurements (26.79cm² vs. 49.21cm²). **2** Comparison of average buttress thickness for ECHELON ENDOPATH™ Staple Line Reinforcement (0.1631 mm) vs GORE® SEAMGUARD® Staple Line Reinforcement (0.1937 mm), p<0.01. **3** ECHELON ENDOPATH™ Staple Line Reinforcement essentially absorbed at 17 weeks based on histologic preclinical testing. GORE® SEAMGUARD® Staple Line Reinforcement absorbed between 25-30 weeks and Endo GIA™ Reinforced Reload with Tri-Staple™ Technology absorbed at 15 weeks per IFUs. **4** Based on gross observations in preclinical testing at day 120. ECHELON ENDOPATH™ Reinforcement (estimated material remaining ≤ 10%, n=8) vs. GORE® SEAMGUARD® Reinforcement (estimated material remaining ≥ 10%, n=8).

Ordering information

ECHELON ENDOPATH™ Staple Line Reinforcement

Code	Description	Quantity per sales unit
ECH60R	ECHELON ENDOPATH™ Staple Line Reinforcement	6

Designed for and best used with:

ECHELON FLEX™ GST System

Code	Description	Jaw length	Quantity per sales unit
PCEE60A	Compact Articulating Endoscopic Linear Cutter,* 280mm	60mm	3
PSEE60A	Standard Articulating Endoscopic Linear Cutter,* 340mm	60mm	3
PLEE60A	Long Articulating Endoscopic Linear Cutter,* 440mm	60mm	3

*Instrument does not contain a reload.

Code	Color	Description	Open staple height	Closed staple height	Quantity per sales unit
GST60W	White	White reload intended for use in vascular/thin tissue	2.6mm	1.0mm	12
GST60B	Blue	Blue reload intended for use in regular tissue	3.6mm	1.5mm	12
GST60D	Gold	Gold reload intended for use in regular/thick tissue	3.8mm	1.8mm	12
GST60G	Green	Green reload intended for use in thick tissue	4.1mm	2.0mm	12
GST60T	Black	Black reload intended for use in very thick tissue	4.2mm	2.3mm	12

How to order

All purchase orders are made to Johnson & Johnson Health Care Systems, Inc. (JJHCS).

If you want to order direct, you may order electronically (online) at:

- **https://us.jjcustomerconnect.com** or **1-866-565-4283**
- **Electronic Data Interchange** (EDI) Helpline: **1-800-262-2888**

Or, to place a non-electronic (manual) order, contact Johnson & Johnson Health Care Systems Inc. at 1-800-255-2500 between 8:30 a.m. and 6:30 p.m. (Eastern Standard Time) or fax us at **1-732-562-2212**.

Customer support

For product use assistance, clinical guidelines, service and repair, emergency assistance, copy of a 510(k) clearance letter, or complaints, please contact our Customer Support Center by calling **1-877-ETHICON (384-4266)**. Our support center is staffed 24 hours a day, 7 days a week by qualified nurses to answer your product-related questions.

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