



ECHELON LINEAR™ Cutter

Fact Sheet

Fewer leaks and greater control.¹

ECHELON LINEAR™ Cutter delivered 47% fewer leaks at the staple line compared to PROXIMATE® Linear Cutter¹

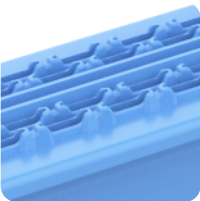
Proven GST and 3D Stapling Technology work together to help surgeons support patient outcomes².

The same innovative technologies used in the ECHELON CIRCULAR™ Powered Stapler



3D Stapling Technology

- More evenly distributed compression throughout the staple line³
- Reduced potential leak pathways⁴



Gripping Surface Technology

Designed to stabilize and compress the tissue where it is needed, resulting in **lower potential of tissue slippage** versus traditional linear cutters.⁵



Improved surgeon control

The first linear cutter with locked halves to enable one-handed device placement⁶



Greater staple height consistency

Re-engineered device jaws delivered **46% less staple height variation** versus the PROXIMATE® Linear Cutter (TLC).⁷

Superior performance with fewer staple lines



4-row staple pattern led to fewer leaks vs. 6-row devices without compromising performance versus ETHICON™ Linear Cutter (NTLC).

- Designed for easier insertion into bowel segments
- Less force to fire than 6-row staplers⁸
- Less staple height variation even in thick tissue⁹

¹ Benchtop testing on porcine colon measuring staple line leak rate at 30mmHg, 52.8% for Medtronic GIA™ with TriStaple™ Technology, 52.8% for ETHICON™ Linear Cutter [NTLC], and 52.8% for PROXIMATE® Linear Cutter [TLC] to 27.7% for ECHELON LINEAR™ Cutter (n=36, p<0.001). Greater control supported by a surgeon usability evaluation = 65% agreed, n=37. ² 3D staple design and Gripping Surface Technology (GST) is designed to reduce surgical risk factors. ³ Staple line compression analysis on Ethylene-Vinyl Acetate (EVA) foam assessing the deformation of foam. ECHELON LINEAR™ Cutter has better distributed compression pressure at 7.20% average pressure variation compared to PROXIMATE® Linear Cutter [TLC] at 7.44% (P=0.12), Medtronic GIA™ with DST™ Technology at 10.93% (P<.001), (N=32000) ⁴ Staple line assessment of compression zones inside of the staple line, comparing lower pressure outliers rates of 0.6% for ECHELON LINEAR™ Cutter (N= 30320) to 1.3% for PROXIMATE® Linear Cutter [TLC] (N=30314) (P<0.001) ⁵ Benchtop testing in 1.5mm porcine colon measuring tissue slippage failure rate under high cutting force. ECHELON LINEAR™ Cutter with Gripping Surface Technology (3.75%) compared to PROXIMATE® Linear Cutter [TLC] (4.39%), ETHICON™ Linear Cutter [NTLC] (15.64%), Medtronic GIA™ with DST™ Technology (18.83%), n=24, p<0.05. ⁶ Surgeon usability evaluation of one-handed positioning and placement when the halves are locked. ⁷ Benchtop testing comparing to PROXIMATE® Linear Cutter on 1.5mm tissue, n=32, p<0.001. 247310-230503 Benchtop testing on porcine colon measuring force to fire on 1.5mm colon with blue reload, comparing the 4-row, ECHELON LINEAR™ Cutter to the 6-row, ETHICON™ Linear Cutter (NTLC) (n=32, p<0.001). ⁸ Benchtop testing comparing to ETHICON™ Linear Cutter [NTLC], Proximate® Linear Cutter [TLC], and Medtronic GIA™ with DST™ Technology, averaged across on a range of tissue thickness (1.5-3.3mm), n=32 per device per tissue thickness, p<0.001.

Full portfolio of sizes with two reload choices

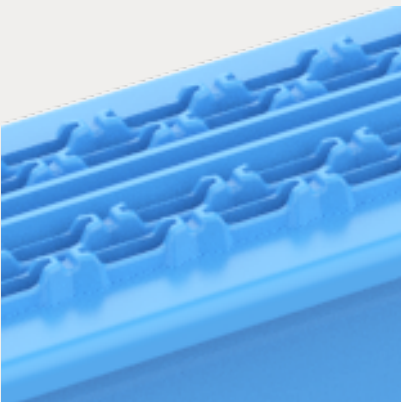
ECHELON LINEAR™ Cutter

Instrument		Description	Jaw length	Qty
GLC60		ECHELON LINEAR™ Cutter 60mm	60mm	3
GLC80		ECHELON LINEAR™ Cutter 80mm	80mm	3
GLC100		ECHELON LINEAR™ Cutter 100mm	100mm	3

ECHELON LINEAR™ Cutter Reloads—Reloads sold separately from stapler

Reload	Reload color		Description	Closed staple height	Open staple height	Tissue thickness range	Qty
GLCR60B	Blue		Standard	1.5mm	3.7mm	1.5-2.4mm	12
GLCR60G	Green		Thick	2.0mm	4.5mm	2.0-3.3mm	12
GLCR80B	Blue		Standard	1.5mm	3.7mm	1.5-2.4mm	12
GLCR80G	Green		Thick	2.0mm	4.5mm	2.0-3.3mm	12
GLCR100B	Blue		Standard	1.5mm	3.7mm	1.5-2.4mm	12
GLCR100G	Green		Thick	2.0mm	4.5mm	2.0-3.3mm	12

GST and 3D Stapling Technology is available across our open stapling portfolio.



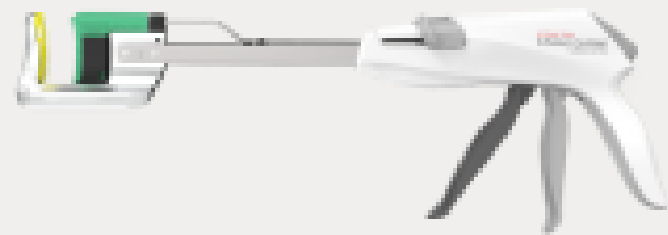
Gripping Surface Technology



3D Stapling Technology



ECHELON CIRCULAR™ Powered Stapler



ECHELON CONTOUR™ Curved Cutter



Contact your J&J MedTech rep or learn more at:
jnmedtech.com/LinearCutter