Confidence Through Compression.

Respecting Living Tissue.

ETHICON

PART OF THE Johnson & Johnson FAMILY OF COMPANIES

Better surgery for a better world

Maintaining Respect for Tissue

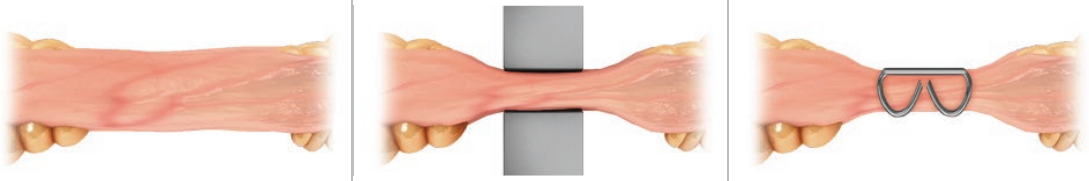
Respect for tissue is at the heart of everything we do at ETHICON. In the 19th century, Dr. William Halsted defined a set of interrelated principles for safe and effective surgery. He stressed the importance of hemostasis, adequate blood supply, and the gentle handling of tissue. It is these principles that help drive our approach to developing advanced surgical devices.

Understanding the Role of Compression

Compression is a critical factor in successful surgical stapling. Prior to stapling, applying compression over time exudes fluid from biphasic tissue, which helps ensure a more consistent thickness in the targeted tissue. After tissue is compressed, it is ready to accommodate a securely closed staple. Proper staple formation is necessary to achieve a leak-proof and hemostatic staple line.

Understanding Tissue Properties

At ETHICON, understanding the properties of living tissue is fundamental to our approach to surgical stapling. Our staplers are uniquely designed to work with the properties of tissue to prepare it for staple formation.



Living tissue before compression

Living tissue compressed to adequate thickness for stapling

Staple maintains compression

ECHELON FLEX™ Powered ENDOPATH® Stapler

Confidence of System-Wide, Articulating Compression

The ECHELON FLEX™ platform delivers compression in two ways. The balance of pressure delivered over time is designed to respect the properties of living tissue.

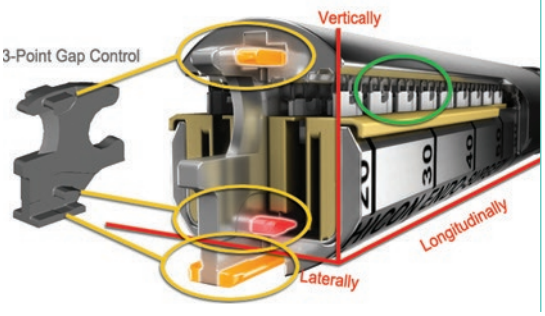
Compression before firing

The ECHELON FLEX™ platform gently exudes fluid from targeted tissue before firing.

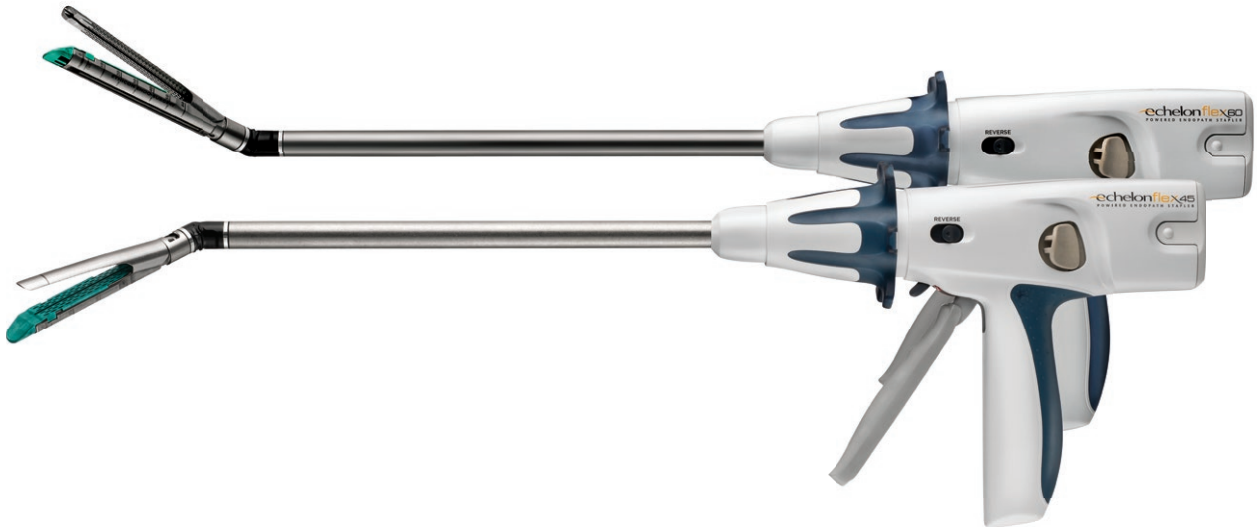
- This brings tissue to a compressed thickness appropriate for a uniform hemostatic staple line
- The anvil is designed to compress tissue over the recommended 15-second period prior to firing

Alignment during firing

The 3-point gap control mechanism of the ECHELON FLEX™ platform ensures a uniform distance between the anvil and cartridge surfaces during firing. This is achieved by maintaining 3 separate points of alignment as the knife travels from the proximal end to the distal tip.



- Once the appropriate cartridge for the compressed tissue thickness is loaded, the gap between anvil and cartridge remains consistent during firing
- Delivers consistent, properly formed staples across the entire length of the staple line by maintaining a uniform gap in the jaws from proximal end to distal tip
- ECHELON FLEX™ demonstrates superior staple formation in thick tissue.[1]
- Powered ECHELON FLEX(TM) allows surgeons to reduce tip movement by at least 63% compared with Endo GIA.[2]



Contact your Sales Professional to learn more about our commitment to responsible tissue management and for a product demonstration. Or call 1-877-ETHICON.

For complete product details, see Instructions for Use.

www.ethicon.com

1. Superior is defined as fewest malformed staples. Thick tissue is defined as 3 to 5mm as measured with a 8 g/mm2 thickness measuring device.

2. Benchtop testing on porcine stomach (2.5 - 4mm thick). Surgeons (n=19) fired each instrument / reload once: PSE60A / ECR60G, 030449 / 030459, and EGIAUSTND / EGIA60AMT. Distal tip motion measurement during the firing cycle showed a 63% reduction in tip movement of PSE60A/ECR60G vs. the other two devices.

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