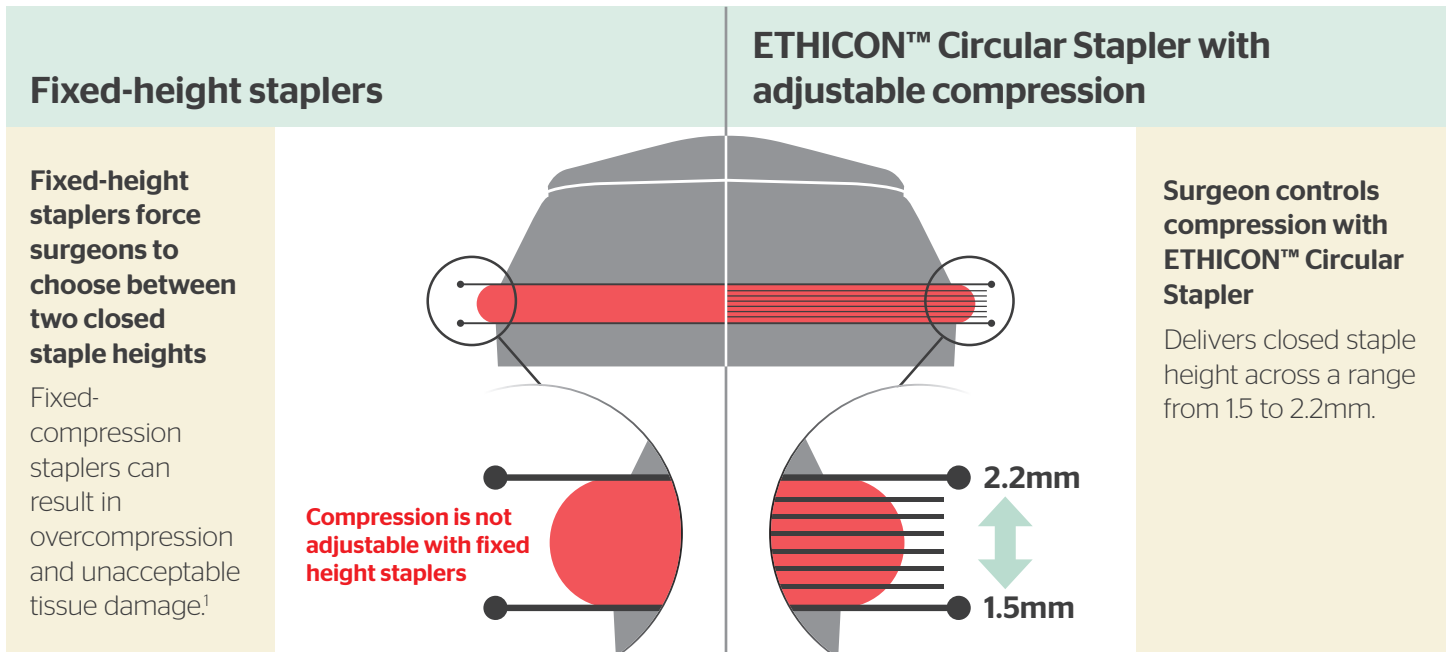


# Confidence with adjustable compression

Circular staplers with fixed-compression resulted in overcompression and unacceptable tissue damage<sup>1</sup>

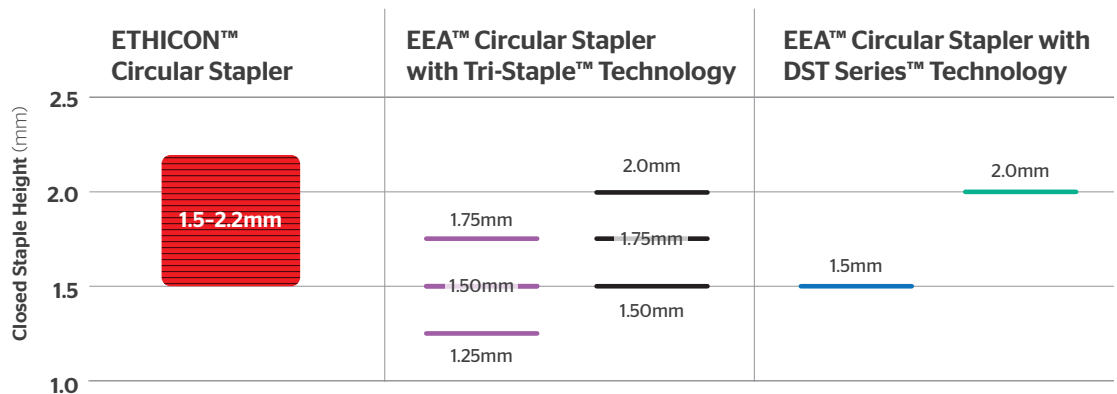
## We are different

With Controlled Tissue Compression and Adjustable Height Staple Technology, the ETHICON™ Circular Stapler allows the user to adjust compression based on tissue conditions. Ethicon's portfolio of circular staplers with adjustable compression delivered 75% less tissue damage than fixed staple height circular staplers<sup>1</sup>



Adjustable compression and staple height may be associated with less tissue damage<sup>1</sup>, a stronger staple line, and **decreased risk of stenosis, leaks and hemorrhage**<sup>2-4</sup>

**ETHICON™ Circular offers the ability to adjust to the widest range of tissue conditions all in one device.**



<sup>1</sup> In-vitro collagen tissue model with Ethicon Circular Staplers (CDH29A), 56 out of 136 collagen tissues exhibited overcompression with adjustable compression, vs. 48 out of 48 Medtronic circular staplers with fixed compression (EEA28MT), and 19 out of 232 collagen tissues exhibited unacceptable tissue damage with adjustable compression, vs. 29 out of 88 with Medtronic fixed compression. <sup>2</sup> Myers S, Rothermel W, Shaffer L. The effect of tissue compression on circular staple line failure. Surg Endosc. 2011 5(9): 3043-3049. <sup>3</sup> Hanna K, Seder C, Chengelis D, et al. Shorter circular staple height is associated with lower anastomotic stricture rate in laparoscopic gastric bypass. Surgery for Obesity and Related Diseases 2012 8(2): 181-184. <sup>4</sup> Sakran N, Assalia A, Sternberg A, et al. Smaller staple height for circular stapled gastrojejunostomy in laparoscopic gastric bypass: Early results in 1,074 Morbidly Obese Patients. Obes Surg 21(2): 238-243.