

Value Analysis Summary:

ETHICON™ Circular Stapler



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Executive overview

Designed for better healing

- The ETHICON™ Circular Stapler with its Controlled Tissue Compression and delivered less tissue damage compared to fixed compression staplers.¹

Less tension on tissue during closure and opening

Compared to Medtronic DST Series™ EEA™ Stapler

- 88% less tissue displacement during closure.²
- 73% less strain at the staple line.³

More device feedback when firing

Compared to Medtronic DST Series™ EEA™ Stapler

- Breakaway washer created more audible and tactile feedback.⁴

Applicable specialties

- Colorectal
- Gastric
- Thoracic



Colon resection



Gastrectomy
Gastric bypass



Esophagectomy

1 In-vitro collagen tissue model with Ethicon Circular Staplers, 19 out of 232 collagen tissues exhibited unacceptable tissue damage with adjustable compression (CDH29A), vs. 29 out of 88 with Medtronic fixed compression (EEA28MT). **2** Benchtop testing on porcine colon, comparing means of 1.214mm for Ethicon CDH29B (n=23) to 10.240mm for Medtronic EEA28 (n=23), $p < 0.001$. **3** Benchtop testing on porcine colon, comparing means of 0.022 for Ethicon CDH29B (n=23) to 0.081 for Medtronic EEA28 (n=23), $p = 0.0016$. **4** Benchtop testing comparing average vibration measured as mean vectorial acceleration during firing. ECS29B 11762mm/s² vs EEA 3707mm/s², ($p < 0.001$, 95% CI for difference = 6788mm/s², 9322 mm/s²). Benchtop testing comparing mean peak sound intensity during firing. ECS29B 100.46dB (linear) vs EEA 96.32dB (linear), ($p = 0.003$, 95% CI for difference = 157, 6.71).

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Refreshed instructions for removal

Releasing the device from the anastomosis

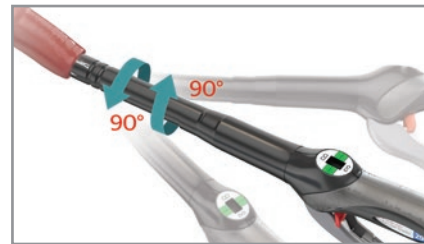
After device has been fired, turn the Adjusting Knob counterclockwise for two complete revolutions.



Note: This step is different than the previous Ethicon Manual Circular Stapler.

Removing from patient

1. Rotate device 90° in both directions, taking care to minimize movement of the distal tip. This ensures the tissue is released.
2. Gently pull out device while simultaneously rotating device back 90°.
3. Repeat as required until device slides out.



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New codes and ordering information

OLD CODE	NEW CODE	DEVICE DESCRIPTION	DIAMETER	QUANTITY PER BOX
ECS21A	ECS21B	ETHICON™ Circular Stapler, XL Sealed	21mm	3
ECS25A	ECS25B	ETHICON™ Circular Stapler, XL Sealed	25mm	3
ECS29A	ECS29B	ETHICON™ Circular Stapler, XL Sealed	29mm	3
ECS33A	ECS33B	ETHICON™ Circular Stapler, XL Sealed	33mm	3

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Ordering information

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

Electronic ordering options

Note: The following electronic ordering methods are preferred:

Johnson & Johnson Customer Connect

If you want to order direct, you may order electronically (online) at: <https://us.jjcustomerconnect.com> or call 1-866-565-4283 with questions.

Electronic Data Interchange (EDI)

Call EDI Help Line: 1-800-262-2888

Non-electronic/manual ordering options

Call JJHCS 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.

Visit Ethicon.com/EthiconCircularStapler for more information about the ETHICON™ Circular Stapler.

For complete product details, see Instructions for Use in the product insert.

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FDA clearance letter

<https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfPMN/pmn.cfm?ID=K201280>

The third-party trademarks used herein are trademarks of their respective owners.

For complete product information, including full steps for use, indications, contraindications, warnings and precautions, please see the Instructions for Use.