

The **one source** for open and endoscopic ligation

Choose from a full portfolio of market leading solutions¹

Efficiency

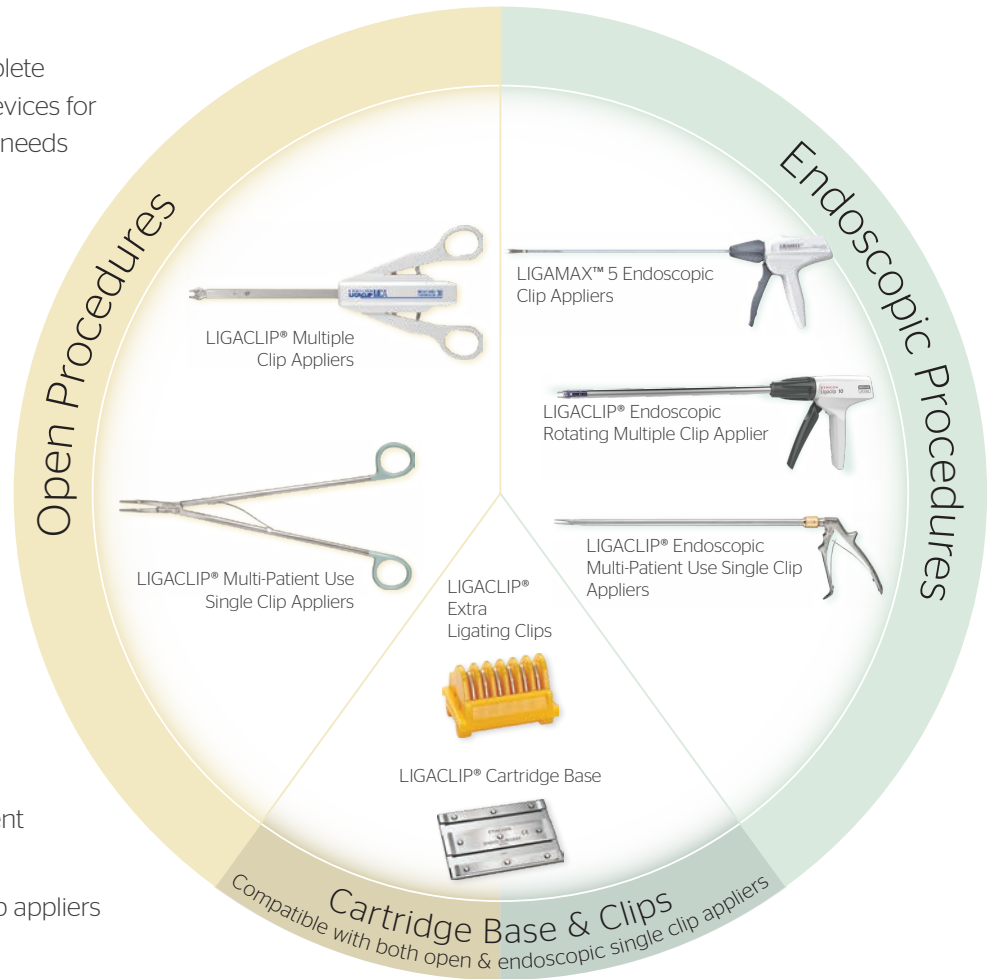
- Ethicon is the only company with a complete portfolio of multiple clip and single clip devices for all of your open and endoscopic surgery needs
- Supports standardization & SKU reduction goals

Performance

- Ethicon's clip applicators and clips are designed to deliver superior retention, efficient ligation and minimal vessel damage²
- All clips feature proprietary lateral and transverse grooves designed for secure fixation on the structure and increased resistance to dislodgement of a formed clip

Value

- Flexibility to choose the optimal instrument for each procedure
- Economic segment provides reusable clip applicators for open and endoscopic procedures
- Lifetime warranty on reusable instruments



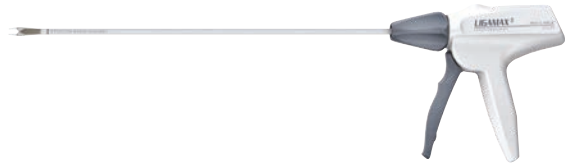
Product Offerings	Ethicon	Medtronic	Weck	Aesculap	ConMed	Applied
Endoscopic Multiple Clip Applicators for Single-Patient Use (MCA)	✓	✓	✓		✓	✓
Endoscopic Single Clip Applicators for Multi-Patient Use (SCA)	✓	✓	✓			
Open Multiple Clip Applicators for Single-Patient Use (MCA)	✓	✓				
Open Single Clip Applicators for Multi-Patient Use (SCA)	✓		✓	✓		

Endoscopic Multiple Clip Appliers

LIGAMAX™ 5 Endoscopic Multiple Clip Applier

Superior clip, superior clip security³

LIGAMAX 5 Clip Appliers provide clips that are firmly maintained in the jaws of the device during surgical maneuvering to prevent dislodgement. No other leading clip applier provides greater in-jaw clip retention to reduce clip dislodgement.⁴ A direct drive feeding mechanism allows for smooth, controlled clip advancement during feeding with minimal tip movement during clip placement. Unique lateral and transverse grooves on the clips enable secure fixation on structures.



Product code	Diameter	Clip size	# of clips	Clip aperture	Closed clip length	Qty/box
EL5ML	5mm	Medium/Large	15	3.6mm	8.8mm	3

LIGACLIP® Endoscopic Rotating Multiple Clip Appliers

Fast, efficient ligation and minimal vessel damage

LIGACLIP® Endoscopic Clip Appliers are sterile, disposable, and automatic while delivering titanium ligating clips. Devices are preloaded with 20 clips that individually advance after each clip application.



Product code	Diameter	Clip size	# of clips	Clip aperture	Closed clip length	Qty/box
ER320	10mm	Medium/Large	20	4.2mm	8.8mm	3
ER420	12mm	Large	20	5.2mm	11mm	3





Endoscopic Single Clip Appliers

LIGACLIP® Multi-Patient Use Single Clip Appliers

Versatility and superior value

LIGACLIP® Endoscopic Multi-Patient Clip Appliers are reusable instruments that deliver and close metallic ligating clips.



Product code	Diameter	Qty/box	Clip code	# of clips	Clip aperture	Closed clip length	Qty/box
EL214	Medium	1	LT200 	6	4mm	5.33mm	36
			LT202 	20			15
EL314	Medium/Large	1	LT300 	6	6.4mm	8.99mm	18
EL414	Large	1	LT400 	6	7.5mm	12.26mm	18

3. Based on the aggregate of data derived from benchtop testing of LIGAMAXâ„¢ 5 (EL5ML), Applied Medical Epix® Universal 5mm (CA500), Covidien ENDO CLIPâ„¢ III (176630), Applied Medical Direct Drive® 10mm (CA090) and Covidien ENDO CLIPâ„¢ II (176657): - force required to dislodge a partially formed clip in the axial and transverse directions from the jaws of those leading competitive devices incorporating an anti backup device [Median values: Axial: 3.948lbs (EL5ML) vs 0.346 (CA500), 0.137 (176630) and 2.308 (CA090), Transverse: 3.629 vs 0.786, 2.033 and 3.501 (p-value = 0.1183 vs CA090 transverse, all others p-value<0.0001)] (Clip closed to 1st ratchet point after distal clip tips touch); - and force required to displace a properly formed clip from an elastomeric vessel model in the axial direction [Median values: 1.481lbs (EL5ML) vs 0.903 (CA500), 1.136 (176630), 0.371 (CA090) and 1.761 (176657) (all, p-value<0.0001)].

4. Benchtop testing comparing the median force required to dislodge a partially formed clip from the jaws of the LIGAMAX 5 vs. leading competitive devices with anti-backup mechanism (Applied Medical Epix Universal 5mm, Covidien ENDO CLIP III and Applied Medical Direct Drive 10mm). Clip closed to 1st ratchet point after distal clip tips touch. (Axial: 3.948lbs vs 0.346, 0.137 and 2.308, p<0.0001; Transverse: 3.629lbs vs 0.786, 2.033 and 3.501, p=NS vs Direct Drive, all others p<0.0001).

Open Multiple Clip Appliers

LIGACLIP® Multiple Clip Appliers

Fast, efficient ligation and minimal vessel damage

The LIGACLIP® Multiple Clip Applier (MCA) is designed to offer a fast, efficient means of ligation. Devices are preloaded with 20-30 titanium clips that individually advance after each clip application.



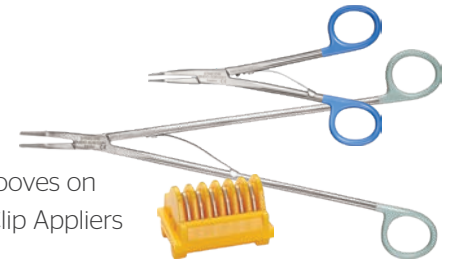
Product code	Length	Clip size	# of clips	Clip aperture	Closed clip length	Qty/box
MCS20	23.8cm	Small	20	2.1mm	3.8mm	6
MCM20	29.2cm	Medium	20	4.3mm	6mm	6
MCM30	29.2cm	Medium	30	4.3mm	6mm	6
MSM20	23.8cm	Medium	20	4.3mm	6mm	6
MCL20	33.7cm	Large	20	6.3mm	10.8mm	6

Open Single Clip Appliers

LIGACLIP® Multi-Patient Use Single Clip Appliers

Versatility and great value

LIGACLIP® Multi-Patient Clip Appliers are designed with patented lateral and transverse grooves on the inner clip surface to provide excellent on-vessel clip security. LIGACLIP® Multi-Patient Clip Appliers are reusable instruments that deliver and close metallic ligating clips.



Product code	Shaft length	Tip angle specification	Qty/box	Clip size	Clip aperture	Closed clip length	# of clips	Clip code	Qty/box
LX105	5-3/4"	15° angle	1	Small	3mm	3.63mm	6 20	LT100 ■ LT102 ■	36 15
LX107	7-1/2"	15° angle							
LX110	10-1/2"	15° angle							
LX130	10-1/2"	90° angle							
LX205	5-3/4"	15° angle	1	Medium	4mm	5.33mm	6 20	LT200 ■ LT202 ■	36
LX207	7-1/2"	15° angle							
LX210	10-1/2"	15° angle							
LX220	10-1/2"	45° angle							
LX230	10-1/2"	90° angle							
LC307	7-1/2"	15° angle	1	Med/Large	6.4mm	8.99mm	6	LT300 ■	18
LC310	10-1/2"	15° angle							
LC320	10-1/2"	45° angle							
LC407	7-1/2"	15° angle	1	Large	7.5mm	12.26mm	6	LT400 ■	18
LC410	10-1/2"	15° angle							
LC420	10-1/2"	45° angle							
LC430	10-1/2"	90° angle							

LIGACLIP® Extra Ligating Clips

Open devices



Product code	Type	Clip applicator handle color	Clip size	# of clips	Qty/box
LT100	Open Single	Blue	Small	2	36
LT102	Open Single	Blue	Small	20	15

Open and Endoscopic Single Clip Applicators

Product code	Type	Clip applicator handle color	Clip size	# of clips	Qty/box
LT200	Open or endo devices	Sliver	N/A	6	36
LT202	Open or endo devices	Sliver	Medium	20	15
LT300	Open or endo devices	Green	Medium/Large	6	18
LT400	Open or endo devices	Yellow	Large	6	18

Cartridge Base



Product code	Product description	Qty/box
LC800	Cartridge Base	1

How to Order

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

Electronic Ordering Options

(Note: Placing orders electronically avoids minimum order fees for your hospital.)

Johnson & Johnson Gateway: www.jnjgateway.com/commerce

For questions about your order, visit the website or call 1-866-JNJ-GATE (565-4283).

Global Healthcare Exchange (GHX): www.ghx.com

For questions about your order, visit the website or call 1-800-YOUR-GHX (968-7449).

Electronic Data Interchange (EDI): JJHCS EDI Help Line: 1-800-262-2888

Nonelectronic/Manual Ordering Options

Call JJHCS at 1-800-255-2500 between 8:30 a.m. and 9:00 p.m. Eastern Standard Time or fax your order to 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 at customersupport@eesus.jnj.com or 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.