

# *Suturing simplified.*

# Endo 360<sup>®</sup>

*The first and only reusable,  
articulating, curved needle driver.*



**ASSUT EUROPE**  
SUTURE CHIRURGICHE



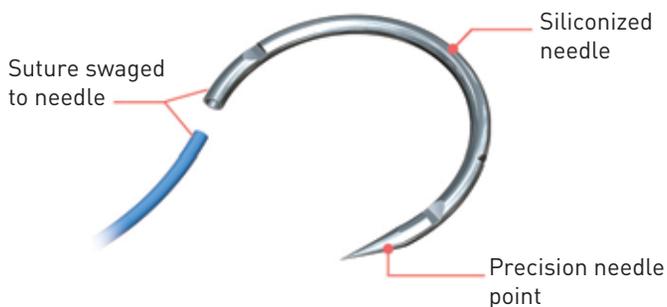
*More than surgery*



## Articulating,

An articulating curved needle driver, the Endo360° device is an MIS-enabling tool that allows the placement of a needle in tight places or difficult angles while suturing. The tapered tip of the curved, self-righting needle and wristed articulation enable precise placement on any tissue plane to approximate tissue, run a stitch, or reproduce any suturing technique in a MIS setting.

### *Endo360° Precision curved needle*



*"I prefer to suture the cuff closed in a total laparoscopic hysterectomy with Endo360° because I can get full thickness bites of mucosa and reduce the risk for dehiscence."*

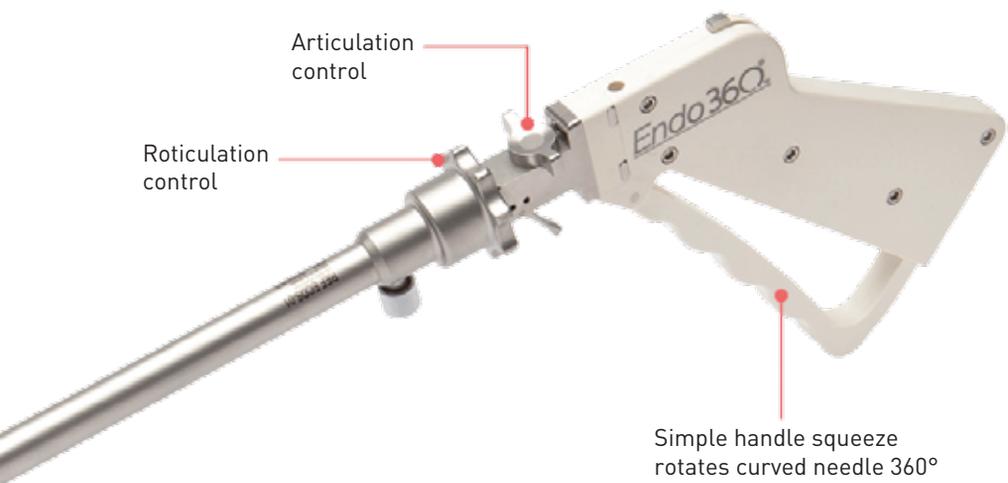
*Jay Staub, MD, OBGYN, Dallas, TX*

Endo360°

# *curved needle precision.*

Laparoscopic skills are difficult to master and maintain. Using disposable instruments without a curved needle can add frustration, increase intra-operative time and limit the clinical capability of the instrument. The Endo360° simplifies the most difficult tasks in surgery and makes it easy to tie intracorporeal knots.

Made of stainless steel, the reusable Endo360° device comes in multiple lengths that safely hold a curved needle. A fully warranted cost-effective MIS enabling tool – the Endo360° device – is now available in your area.



*Distal tip articulates 40° for precise needle placement*



*180° rotation of distal tip*

# Clinical advantages of the



*“The suture is not dragged through the hole alongside the needle, as with other devices, so there are far fewer incidents of leaks than when using larger needles.”*

*Scott Stowers, MD, ASMBBS Fellow, Decatur, TX*



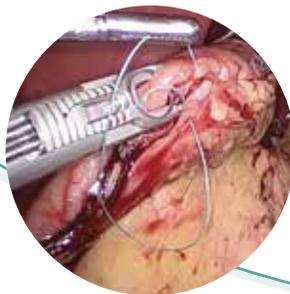
*“The Endo360° is consistently associated with significantly less time for suturing and knot tying for surgeons across varied levels of experience as compared to traditional laparoscopy.”*

*Steven G. Leeds, Lizzy Wooley, Ganesh Sankaranarayanan, Sanket Chauhan, Baylor University Medical Center, Dallas, TX*



*“The Endo360° driver speeds up my suturing time significantly. The ability to rotate and articulate with a curved needle allows me to get really full thickness bites.”*

*Nicole Pecquex, MD, FAMBS, Boston, MA*



# Endo360°

*“With just one suturing driver, the Endo360°, I can complete many different suturing techniques. I can suture along the abdominal wall, gaining full thickness bites, tie intracorporeally, easily do a running stitch thru mesh, even trocar port closure efficiently.”*

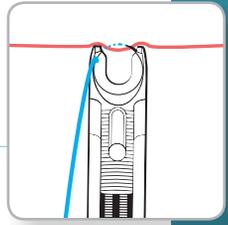
*Paresh Shah, MD, NYU, NY*

*“The curve of the needle, its sharpness and linear suture arrangement, along with the precision of the needle placement, give me the confidence to suture through delicate tissues such as the anterior wall of the esophagus.”*

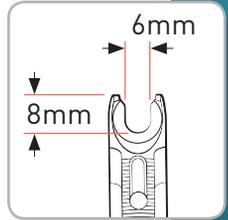
*Randy Wright, MD, Board-Certified General Surgeon, Decatur, TX*

*“I had been using the Endostich device for at least 10 years in my practice... the Endo360° has a natural smooth curved needle penetration through the tissue, resembling manual suturing, except much easier and faster. I use it in all my laparoscopic cases where suturing is necessary.”*

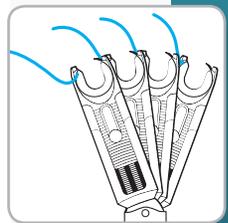
*Gintas Antanavicius, MD, FACS, FASMBS, Warminster, PA*



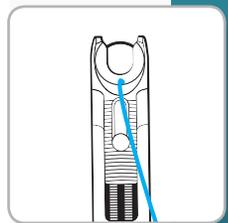
FLAT PLANE SUTURING



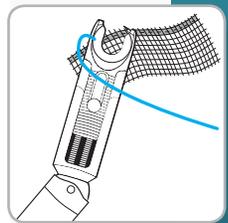
DEPTH OF BITE



WRISTED ARTICULATION



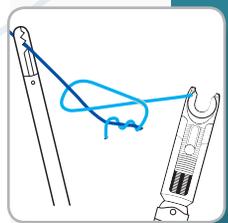
SAFETY



MESH



NEEDLE PLACEMENT



KNOTTING

# The Endo360° is reusable.

The reusable Endo360° offers two significant advantages:  
**Less waste. Reduced costs.**

30% of hospital waste originates in the OR. Red bag waste disposal is 10-15 times more costly than "regular disposal."



*"Using reusable products provides a means to decrease regulated medical waste generated in the OR by an average of 65%, as well as reduce the cost of waste disposal."*<sup>1</sup>



**REUSABLE DEVICE**  
Help protect our planet.

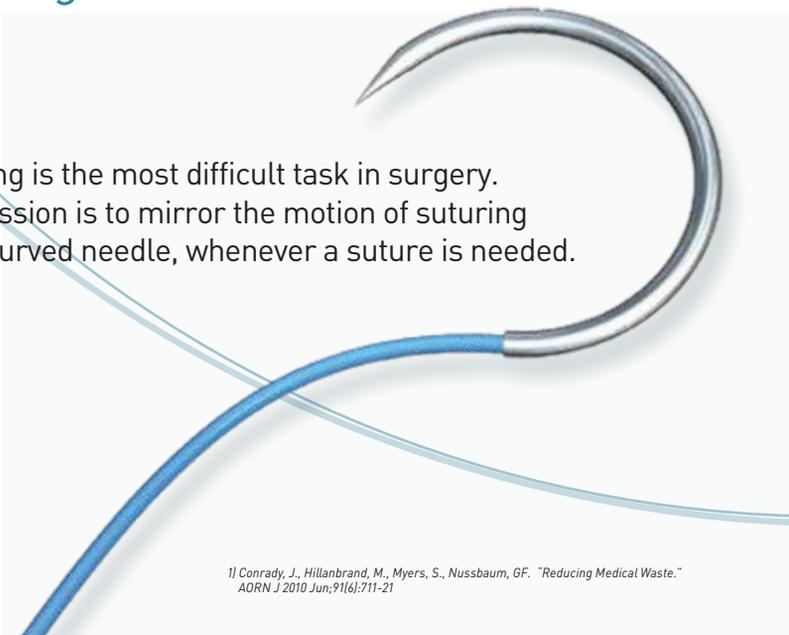
- Endo Stitch™ ·
- Capio® CL ·
- RD 180™ ·
- Reinforcement strips ·
- Staplers ·
- Ti-Knot® Knot Pusher ·
- Ti-Knot® Quick Load ·
- CT/SH Needles ·
- Tackers ·
- Endo Close™ ·
- Glue ·
- SILS™ Stitch ·

*Endo360° can decrease the use of multiple disposables in one surgical case.*

## **Our mission is simple:**

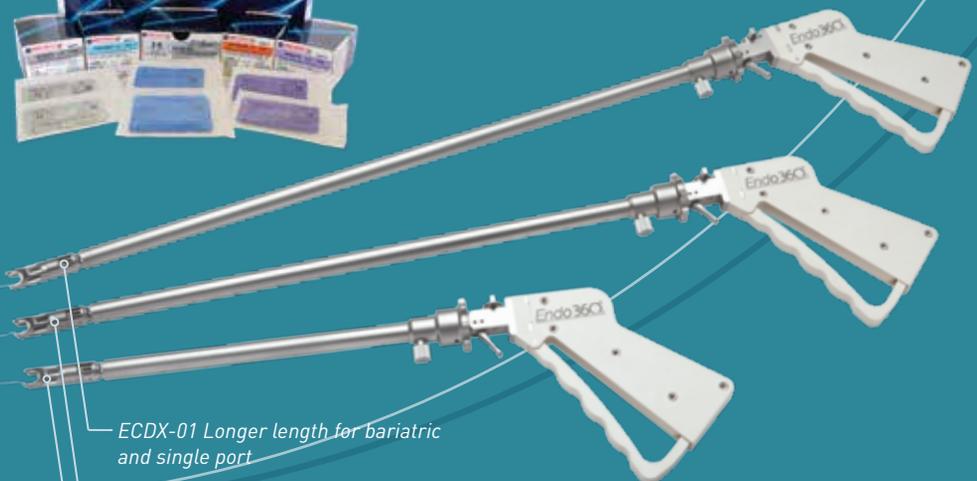
*To mirror the motion of manual suturing using a curved needle.*

We believe suturing is the most difficult task in surgery. That's why our mission is to mirror the motion of suturing by hand, using a curved needle, whenever a suture is needed.



## Available with a full complement of Made in Italy standard and barbed sutures.

Codes	Description	box
<b>REUSABLE LAPAROSCOPIC SUTURING DEVICE</b>		
ECDL-01	Standard Laparoscopic length (374 mm)	1
ECDS-01	Shorter length for Urogynaecology and natural orifice procedures (222 mm)	1
ECDX-01	Longer length for Bariatric and Single-Port (449 mm)	1
<b>CARTRIDGES FOR DISPOSABLE SUTURES</b>		
FS028HHAA	Filbloc, absorbable, barbed suture, in Polydioxanone, unidirectional with final lock system, USP 2/0, length 10 cm	12
FS028HHAB	Filbloc, absorbable, barbed suture, in Polydioxanone, unidirectional with final lock system, USP 2/0, length 15 cm	12
FS028HHAC	Filbloc, absorbable, barbed suture, in Polydioxanone, unidirectional with final lock system, USP 2/0, length 20 cm	12
FU061HHAC	non-absorbable, barbed suture, in Polypropylene, unidirectional with final lock system, USP 3/0, length 20 cm	12
PS028HHAC	Filbloc Permanent, non-absorbable, barbed suture, in Polypropylene, unidirectional with final lock system, USP 2/0, length 20 cm	12
PU061HHAC	Filbloc Permanent, non-absorbable, barbed suture, in Polypropylene, unidirectional with final lock system, USP 3/0, length 20 cm	12
FS028M	Assufil Monofilamento, PDO absorbable suture, taper needle, USP 0, length 45cm	12
FU061M	Assufil Monofilamento, PDO absorbable suture, taper needle, USP 2/0, length 45cm	12
FV062M	Assufil Monofilamento, PDO absorbable suture, taper needle, USP 3/0, length 45cm	12
PS028	Assupro, Polypropylene, non-absorbable monofilament, taper needle, USP 0, length 45cm	12
PU061	Assupro, Polypropylene, non-absorbable monofilament, taper needle, USP 2/0, length 45cm	12
PV062	Assupro, Polypropylene, non-absorbable monofilament, taper needle, USP 3/0, length 45cm	12
FS028	Assufil, absorbable, braided polymer of glycolic acid, taper needle, USP 0, length 45cm	12
FU061	Assufil, absorbable, braided polymer of glycolic acid, taper needle, USP 2/0, length 45cm	12
FV062	Assufil, absorbable, braided polymer of glycolic acid, taper needle, USP 3/0, length 45cm	12
FS028W	Assufil (undyed), absorbable, braided polymer of glycolic acid, taper needle, USP 0, length 45cm	12
FU061W	Assufil (undyed), absorbable, braided polymer of glycolic acid, taper needle, USP 2/0, length 45cm	12
FV062W	Assufil (undyed), absorbable, braided polymer of glycolic acid, taper needle, USP 3/0, length 45cm	12
QS028	Astralen, non-absorbable, braided Polyester, taper needle, USP 0, length 45cm	12
QU061	Astralen, non-absorbable, braided Polyester, taper needle, USP 2/0, length 45cm	12
QV062	Astralen, non-absorbable, braided Polyester, taper needle, USP 3/0, length 45cm	12
KS028	Assusilk, non-absorbable, braided silk suture, taper needle, USP 0, length 45cm	12
KU061	Assusilk, non-absorbable, braided silk suture, taper needle, USP 2/0, length 45cm	12
KV062	Assusilk, non-absorbable, braided silk suture, taper needle, USP 3/0, length 45cm	12
FS028F	Monofil, absorbable monofilament in Poli (glicolide-co- $\epsilon$ -caprolactone), taper needle, USP 0, length 45cm	12
FU061F	Monofil, absorbable monofilament in Poli (glicolide-co- $\epsilon$ -caprolactone), taper needle, USP 2/0, length 45cm	12
FV062F	Monofil, absorbable monofilament in Poli (glicolide-co- $\epsilon$ -caprolactone), taper needle, USP 3/0, length 45cm	12
<b>ENDO 360° INSTRUMENT TRAYS</b>		
ECDT-00	Tray for one device (various lengths)	1
ECDT-01	Tray for two devices (various lengths)	1



*ECDX-01 Longer length for bariatric and single port*

*ECDL-01 Standard laparoscopic length*

*ECDS-01 Shorter length for natural orifice procedures*

- FDA Class 1 exempt device
- 11 Issued US and 23 International Patents
- 4 US and 29 International Patents Pending
- Product of the USA

**Rx Only**

Federal (USA) Law restricts this device to sale, distribution and use by or on the order of a physician.

Endo360° minimally invasive suturing devices are provided **NON-STERILE** and must be sterilized by compatible sterilization methods outlined in the Instructions for Use (IFU) document.

Endo360° minimally invasive suturing devices are **REUSABLE** instruments and must be performance tested according to the test protocol in the Instructions for Use document prior to each use.

NOTE: Use of Endo360° minimally invasive suturing devices requires a compatible EndoEvolution Endo360° suture.



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**ITALY****Headquarter**

Zona Industriale  
67062 Magliano dei Marsi (AQ)  
Tel. +39 0863 517956  
Fax. +39 0863 570084

**Legal Office**

Via G. Gregoraci, n.12  
00173 Roma  
Tel. +39 06 72677348  
Fax +39 06 72675380

[www.assuteurope.com](http://www.assuteurope.com)  
[info@assuteurope.com](mailto:info@assuteurope.com)

**Endo**EVOLUTION

DEVICES MADE IN THE USA.  
DISPOSABLE SUTURES MADE IN ITALY.



**REUSABLE DEVICE**  
Help protect our planet.

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SP50811 Rev04