

Titanium Ligation System

LigaV[®] ligating clips & clip applicators

Reliable Ligation



PROVIDING SPECIALISTS WITH
INNOVATIVE
HEALTHCARE SOLUTIONS

WITH THE CENTRAL FOCUS ON
PATIENTS' SAFETY AND USERS' COMFORT

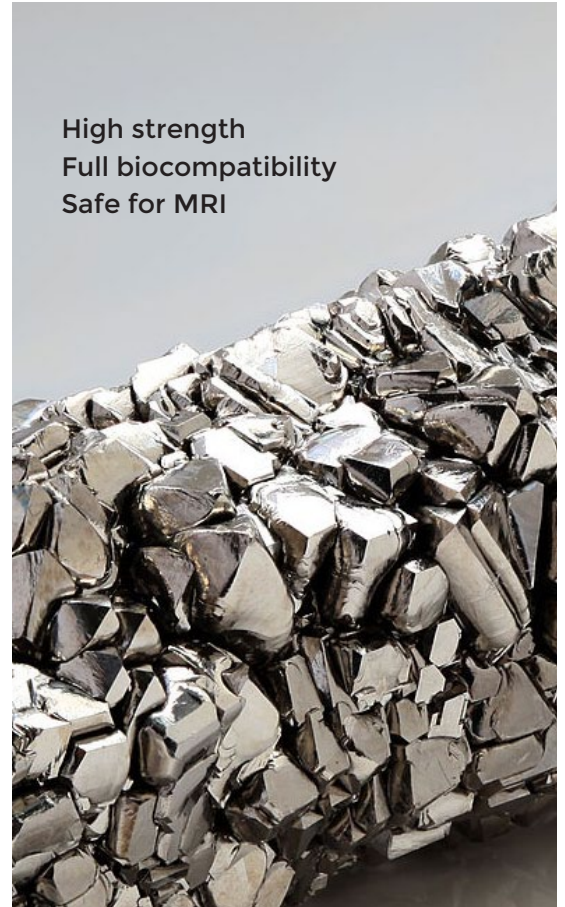


LigaV[®] ligating clips

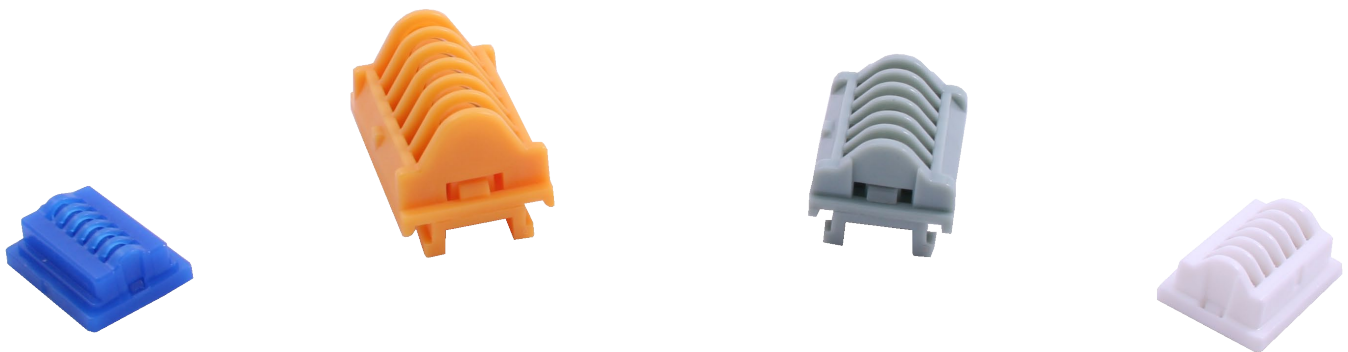
LigaV[®] Ligating Clips are implantable medical devices. They are widely used in surgery for marking and ligating purposes. Medical practitioners value the product for its hemostatic features. LigaV[®] manufactured by Grena Ltd., comes with inner and outer serration which enhances its function. The outer serration helps to grip the clip in the applicator's jaws; the inner serration enables its proper nourishment. The product is offered in 4 standard sizes ensuring every user will be able to find appropriate clip for the given tissue. The LigaV[®] clips are delivered in colour coded cartridges to ensure easy and intuitive identification. A cartridge includes 4, 6 or 20 clips that ensure economical and comfortable use. The product is disposable, EO sterilized. Clip applicators with proper sized jaws depending on the clip should be used. Clip applicators are made of highest quality surgical grade steel. Handle rings are color coded matching cartridge hue.


KEY FEATURES:

- 4 sizes available: S, M, ML, L
- 4, 6 or 20 clips per cartridge
- V-shaped
- Made of a medical grade titanium,
- Color-coded cartridges for easy identification
- Compatible with corresponding Vclip[®] Applicators



| REF | CLIP SIZE | COMPATIBLE WITH APPLIERS (JAWS GRIP) (MM) | PRODUCT | COLOUR | PCS PER CARTRIDGE/ BOX |
|-------------|--------------|---|----------------------------------|--------|------------------------|
| 0301-01S | Small | 0,59-0,75 | V-shaped titanium ligating clips | ● | 6/50 |
| 0301-01S20 | Small | 0,59-0,75 | V-shaped titanium ligating clips | ● | 20/14 |
| 0301-01M | Medium | 0,84-1,00 | V-shaped titanium ligating clips | ○ | 6/50 |
| 0301-01M20 | Medium | 0,84-1,00 | V-shaped titanium ligating clips | ○ | 20/14 |
| 0301-01ML | Medium-Large | 1,16-1,32 | V-shaped titanium ligating clips | ● | 6/20 |
| 0301-01ML04 | Medium-Large | 1,16-1,32 | V-shaped titanium ligating clips | ● | 4/20 |
| 0301-01L | Large | 1,26-1,42 | V-shaped titanium ligating clips | ● | 6/20 |





4 CLIPS PER CARTRIDGE
Cost-effective alternative for simple procedures

LigaV[®] open surgery clip appliers

LigaV[®] open surgery appliers are available in a wide range of sizes and applier lengths. Made of the highest quality surgical stainless steel to meet the requirements of the most demanding professionals. Handle rings are color-coded matching cartridge hues.

KEY FEATURES:

- Available for Small, Medium, Medium-Large and Large non-absorbable LigaV[®] clips to be used on large spectrum of tissue sizes
- 3 lengths available: 15 cm, 20 cm and 28 cm
- Made of high quality surgical stainless steel
- Colour-coded rings matching cartridge hue



| REF | CLIP SIZE | TYPE | APPLIER LENGTH (CM) | COLOUR | PCS PER BOX |
|-------------|--------------|--------------|---------------------|--------|-------------|
| 0301-02S15* | Small | Open Surgery | 15 | ● | 1 |
| 0301-02S20 | Small | Open Surgery | 20 | ● | 1 |
| 0301-02S28* | Small | Open Surgery | 28 | ● | 1 |
| 0301-02M15* | Medium | Open Surgery | 15 | ○ | 1 |
| 0301-02M20 | Medium | Open Surgery | 20 | ○ | 1 |
| 0301-02M28* | Medium | Open Surgery | 28 | ○ | 1 |
| 0301-02ML20 | Medium-Large | Open Surgery | 20 | ● | 1 |
| 0301-02ML28 | Medium-Large | Open Surgery | 28 | ● | 1 |
| 0301-02L20 | Large | Open Surgery | 20 | ● | 1 |
| 0301-02L28 | Large | Open Surgery | 28 | ● | 1 |

* Manufactured on request.

Other lengths and jaw's angles available on request.

Omnifinger™ articulating endoscopic clip appliers

Omnifinger™ is an outstanding articulating endoscopic clip applier designed to deal with challenging cases. This innovative tool offers some unique features that can help surgeons to open the doors to new operating techniques.

KEY FEATURES:

- 60° of total angulation
- Articulation and 360° shaft rotation by index finger allows one-hand operation
- Flushing port facilitates easy cleaning, thus eliminating potential contamination
- Made of high quality surgical stainless steel



| REF | SIZE | LOCK | COLOUR | SHAFT DIAMETER (MM) | TROCAR DIAMETER (MM) | WORKING LENGTH (CM) | BOX QUANTITY (PCS) |
|----------------|------|------|--------|---------------------|----------------------|---------------------|--------------------|
| 0301-02MEOMN | M | YES | ○ | 10 | 10 | 36 | 1 |
| 0301-02MLEOMN | ML | YES | ● | 10 | 10 | 36 | 1 |
| 0301-02LEOMN | L | YES | ● | 12 | 12 | 36 | 1 |
| 0301-02MEOMNB | M | YES | ○ | 10 | 10 | 47 | 1 |
| 0301-02MLEOMNB | ML | YES | ● | 10 | 10 | 47 | 1 |
| 0301-02LEOMNB | L | YES | ● | 12 | 12 | 47 | 1 |

LigaV[®] endoscopic clip appliers

LigaV[®] endoscopic clip appliers are available in a wide range of sizes. Made of the highest quality surgical stainless steel Grena appliers guarantees ergonomic and effective approach in endoscopic procedures.

Handle rings are color-coded matching cartridge hues. Precise performance makes Grena appliers the leading choice for surgeons performing endoscopic procedures.

KEY FEATURES:

- Jaws activated by front handle for better stability
- 360° shaft rotation by index finger allows one-hand operation
- Flushing port facilitates easy cleaning, thus eliminating potential contamination
- Made of high quality stainless steel
- Non-detachable design for easier maintenance and durability



| REF | CLIP SIZE | TYPE | WORKING LENGTH (CM) | SHAFT DIAMETER (MM) | COLOUR | PCS PER BOX |
|------------|--------------|------------|---------------------|---------------------|--------|-------------|
| 0301-02ME | Medium | Endoscopic | 33 | 10 | ○ | 1 |
| 0301-02MLE | Medium-Large | Endoscopic | 33 | 10 | ● | 1 |
| 0301-02LE | Large | Endoscopic | 33 | 10 | ● | 1 |

LigaV[®] endoscopic clip appliers 45 cm

In order to carry out bariatric procedures safely, Grena offers extra length endoscopic clip appliers for bariatric surgery.

KEY FEATURES:

- Jaws activated by front handle for better stability
- 360° shaft rotation by index finger allows one-hand operation
- Flushing port facilitates easy cleaning, thus eliminating potential contamination
- Made of high quality stainless steel
- Non-detachable design for easier maintenance and durability
- Colour-coded rings matching cartridge hue
- Available length: 45 cm



| REF | CLIP SIZE | TYPE | WORKING LENGTH (CM) | SHAFT DIAMETER (MM) | COLOUR | PCS PER BOX |
|-------------|--------------|------------|---------------------|---------------------|--------|-------------|
| 0301-02MEB | Medium | Endoscopic | 45 | 10 | ○ | 1 |
| 0301-02MLEB | Medium-Large | Endoscopic | 45 | 10 | ● | 1 |
| 0301-02LEB | Large | Endoscopic | 45 | 10 | ● | 1 |

LigaV[®] endoscopic clip appliers 25°

KEY FEATURES:

- Jaws activated by front handle for better stability
- 360° shaft rotation by index finger allows one-hand operation
- Flushing port facilitates easy cleaning, thus eliminating potential contamination
- Made of high quality surgical stainless steel
- Non-detachable design for easier maintenance and durability
- Colour-coded rings matching cartridge hue
- Jaws angle 25°



| REF | CLIP SIZE | TYPE | WORKING LENGTH (CM) | SHAFT DIAMETER (MM) | COLOUR | PCS PER BOX |
|---------------|--------------|------------|---------------------|---------------------|--------|-------------|
| 0301-02MLEA25 | Medium-Large | Endoscopic | 33 | 10 | ● | 1 |



Grena Ltd.

1000 Great West Road,
Brentford, London TW8 9HH,
United Kingdom

CUSTOMER SERVICE CENTER

NOTTINGHAM OFFICE, UK

☎ + 44 115 9704 800

☎ + 44 115 9704 800

✉ export@grena.co.uk

www.grena.co.uk



LONDON *of* CHAMBER
COMMERCE AND INDUSTRY