

Liga²®
Titanium Ligating Clips



TITANIUM

Reliable Ligation

Ligating Clips

LigaV[®]

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 or 6 clips that ensure economical and comfortable use. The product is disposable, sterilised with EO.

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.

Low density
High strength
Full biocompatibility
Safe for MRI



Ligating Clips

Liga²®

The LigaV® ligating clips are manufactured of a medical grade titanium which ensures proper level of biocompatibility. The applied technology guarantees the product meets the requirements of even the most demanding clinical institutes.



TITANIUM

Ligating Clips

Ligating Clips

**Cost-effective alternative
for simple procedures**








4 clips per cartridge

Key features

- 4 sizes to ligate tissue structures,
- made of apyrogenic titanium,
- easy loading system,
- clips delivered in color-coded cartridges for easy identification,
- 4 or 6 clips per cartridge to ensure economical and comfortable use of the product,
- V-shaped,
- color-coded applicator rings for easy identification



| REF | Clip size | Compatible with applicators (jaws grip) (mm) | Product specification | Colour | Pcs per cartridge | Pcs cartridges per box |
|-------------|--------------|--|----------------------------------|---|-------------------|------------------------|
| 0301-01S | Small | 0,59-0,75 | V-shaped titanium ligating clips |  | 6 | 50 |
| 0301-01M | Medium | 0,84-1,00 | |  | 6 | 50 |
| 0301-01ML | Medium-Large | 1,16-1,32 | |  | 6 | 20 |
| 0301-01ML04 | Medium-Large | 1,16-1,32 | |  | 4 | 20 |
| 0301-01L | Large | 1,26-1,42 | |  | 6 | 20 |

Open Surgery Clip Appliers

- S
- M
- ML
- L



Open Surgery Clip Appliers

**Ergonomic and effective approach
in endoscopic procedures**

Open Surgery Clip Appliers

Open Surgery Clip Appliers

Key features

- available for Small, Medium, Medium-Large and Large non-absorbable LigaV® clips to be used on large spectrum of tissue sizes,
- 15cm, 20cm and 28cm clip,
- non-detachable design for easier maintenance and durability, appliers with proper sized jaws made of high quality stainless steel,
- colour-coded rings matching cartridge hue,
- compatible with corresponding sizes of LigaV® titanium non-absorbable clips.



| REF | Clip size | Applier length | Pcs per box |
|-------------|--------------|----------------|-------------|
| 0301-02S15* | Small | 15 | 1 |
| 0301-02S20 | Small | 20 | 1 |
| 0301-02S28* | Small | 28 | 1 |
| 0301-02M15* | Medium | 15 | 1 |
| 0301-02M20 | Medium | 20 | 1 |
| 0301-02M28* | Medium | 28 | 1 |
| 0301-02ML20 | Medium-Large | 20 | 1 |
| 0301-02ML28 | Medium-Large | 28 | 1 |
| 0301-02L20 | Large | 20 | 1 |
| 0301-02L28 | Large | 28 | 1 |






* Manufactured on request.

Endoscopic Clip Appliers

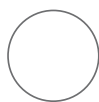


Endoscopic Clip Appliers

Key features

- available for Medium, Medium-Large and Large non-absorbable LigaV® clips to be used on large spectrum of tissue sizes,
- 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,
- colour coded size matching cartridge hue,
- compatible with corresponding sizes of LigaV® titanium non-absorbable clips.

| REF 0301-02ME | |  |
|----------------------|----------------|--|
| Size | M | |
| Colour | ○ | |
| Shaft diameter (mm) | 5 | |
| Trocar diameter (mm) | 5 | |
| Working length (cm) | 33 | |
| Loading | front - loaded | |
| Box quantity (pcs) | 1 | |
| REF 0301-02MLE | |  |
| Size | ML | |
| Colour | ● | |
| Shaft diameter (mm) | 10 | |
| Trocar diameter (mm) | 10 | |
| Working length (cm) | 33 | |
| Loading | front - loaded | |
| Box quantity (pcs) | 1 | |
| REF 0301-02LE | |  |
| Size | L | |
| Colour | ● | |
| Shaft diameter (mm) | 10 | |
| Trocar diameter (mm) | 10 | |
| Working length (cm) | 33 | |
| Loading | front - loaded | |
| Box quantity (pcs) | 1 | |

Endoscopic Clip Appliers

-  M
-  ML
-  L



Endoscopic Clip Appliers

**Ergonomic and effective approach
in endoscopic procedures**



Endoscopic Clip Appliers



Bariatric Endoscopic Clip Appliers - 45 cm

Extra length for bariatric surgery

Endoscopic Clip Appliers

Bariatric Endoscopic Clip Appliers

Key features

- 45 cm long shaft,
- available for Medium, Medium-Large and Large non-absorbable LigaV[®] clips to be used on large spectrum of tissue sizes,
- 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,
- colour coded size matching cartridge hue,
- compatible with corresponding sizes of LigaV[®] titanium non-absorbable clips.

REF 0301-02MEB

| | |
|-----------------------------|----|
| Size | M |
| Colour | ○ |
| Shaft diameter (mm) | 5 |
| Trocar diameter (mm) | 5 |
| Working length (cm) | 45 |
| Box quantity (pcs) | 1 |



REF 0301-02MLEB

| | |
|-----------------------------|----|
| Size | ML |
| Colour | ● |
| Shaft diameter (mm) | 10 |
| Trocar diameter (mm) | 10 |
| Working length (cm) | 45 |
| Box quantity (pcs) | 1 |



REF 0301-02LEB

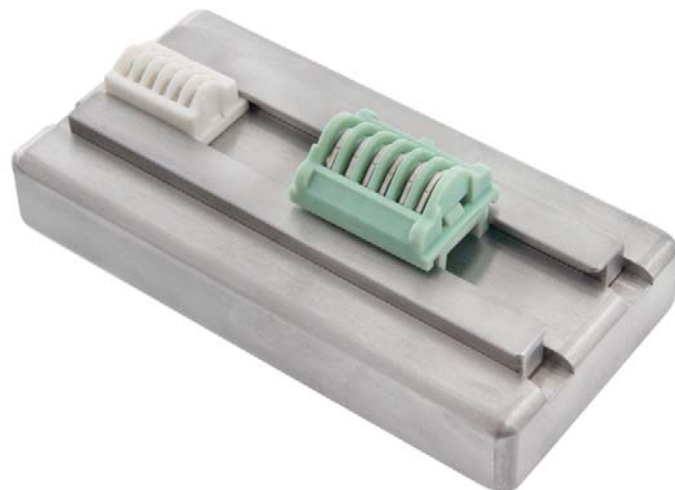
| | |
|-----------------------------|----|
| Size | L |
| Colour | ● |
| Shaft diameter (mm) | 10 |
| Trocar diameter (mm) | 10 |
| Working length (cm) | 45 |
| Box quantity (pcs) | 1 |



Accessories

Accessories

| REF | Product | Clip size | Pcs per box |
|-----------|----------------|-------------|-------------|
| 0301-05CB | Cartridge base | S, M, ML, L | 1 |



New International Initiative

GRENA[®] DG
Think Medical

Grena forges Talents!



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