SOLUTION COMES FROM EVOLUTION.

Glutack® for Glubran® 2

The atraumatic solution, from every angle.
A total evolution.
Designed with years of inherited experience of Glubran® 2 in atraumatic laparoscopic and laparotomic mesh fixation.

Glutack® is a user-friendly device for the atraumatic laparoscopic fixation of hernia mesh. Providing precise and consistent delivery of Glubran® 2 (NBCA+MS) with every pull of the trigger, to minimize surgical complications and the potential pain associated with the use of tacks and staples. Improving surgical outcomes and reducing healthcare costs.

One Glutack® is dispensed with every pull of the trigger

Glutack® + Glubran® 2 = 1 high performance adhesive tack

No change in clinical practice: delivery method is similar to traditional mesh fixation devices

Glubran® 2 is effective in repairing hernias with less post-op pain, less complications, less recurrences and cost-effective is largely documented.

Improves patient safety and surgeon confidence

Keeps the mesh in place respecting the natural tissue ingrowth.

Glutack®
your hernia mesh gently.

The atraumatic solution, from every angle.
Synthetic biodegradable\textsuperscript{24} cyanoacrylate adhesive modified by the addition of a monomer synthesized by the manufacturer GEM.

Polymerizes quickly in contact with live tissue and a wet environment\textsuperscript{8} creating a thin and elastic film\textsuperscript{12} having high tensile strength which guarantees strong adhesion to the tissues\textsuperscript{10,13}.

Ready for use\textsuperscript{14-16} a high adhesive, sealant with haemostatic\textsuperscript{15} and bacteriostatic properties. Effective antiseptic barrier against the most diffused infective and pathogenic agents during the surgical intervention\textsuperscript{11,18,19}.

Class III medical device authorized since 1998 in open, laparoscopic surgery and endovascular uses\textsuperscript{20}.

The atraumatic solution, from every angle.
Evolution through revolution.

0° to 90° exclusive articulating tip

The atraumatic solution, from every angle.
SAFE
- No clips or tacks: no tissue penetration, no nerve entrapment, no vessel damage 6,11 (Fig.1)
- Less post-op pain 6,12 (Fig.2)
- Reduces post-op complications 6,13,18
- Adhesive delivery controlled at all times – no drips 24
- Tip designed to avoid clogging and sticking 24
- Fixation even in high risk anatomical locations: around the Triangle of Doom, Triangle of Pain and close to the Diaphragm

VERSATILE 24
- 3 different sizes: containing 25, 40 or 50 Glutacks depending on mesh size / procedure requirement
- Articulating tip system to reach difficult areas

FLEXIBLE 24
- Multiple angles of approach facilitated by articulating tip system (0° to 90°)
- Glutack® can be delivered at any angle
- Eliminates the need for contralateral ports

INTUITIVE 24
- Simple "point and shoot" design
- Handle geometry provides user comfort and multiple grip options
- Audible and visual indicators confirm Glutack® delivery and number of Glutacks left
- Allowing you to deploy Glutacks perpendicular to the mesh and abdominal wall

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STRONG
- High shear strength equivalent to the current fixing methods: more than 9 N/cm² (Fig.3)
- No significant difference in the strength of parietal ingrowth between sutures / absorbable / permanent tacks and Glubran®

FAST
- Very quick device preparation < 1 min
- Rapid, controlled Glutack® delivery
- Each precision Glutack® adheres the mesh to the tissue immediately

PRECISE
- Accurately controlled, repeatable Glutack® volume (0.0125 ml/drop)
- No product wastage

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Reduce trauma by a combined mesh fixation technique


Bibliography

1) Place the components of the GLUTACK® device (catheter, handpiece, cartridge, transfer tip) and a vial of Glubran® 2 surgical device on the serving table.

2) Open the vial of Glubran® 2. Insert the transfer tip onto the vial, grasping it close to the neck and applying an adequate pressure to allow the tip to be inserted. Warning: do not press on the bottom of the vial to prevent the product from discharging.

3) Holding the transparent plastic cartridge in an upright position (black arrow pointing upwards), insert the transfer tip into the small opening. Gradually fill the cartridge by carefully pressing on the body of the vial until the product reaches the black line. When the filling is complete, check that there are no air bubbles inside the cartridge.

4) Insert the cartridge into the rear opening of the catheter (chamber) until it reaches the end of its travel. When fully inserted, turn it clockwise 90° until you hear a click.

5) Take the handpiece with the left hand and the catheter with the right hand. Insert the connection base (the green plastic part with the wings) into the handpiece, with the wings perpendicular to the body of the handpiece. Make sure that the arrow in the round symbol points upwards.

6) Turn 90° clockwise until the end of the stroke. At the sound of the click, the catheter is correctly assembled and the trigger mechanism automatically unlocks. Warning: the device can no longer be disassembled.

7) To make the device ready for use, release the first drop of Glubran® 2 by gently pressing the trigger 2-3 times.

8) Bend the articulated end of the catheter approximately 90° upwards and bring it back to 0° once or twice by gripping the flat section. The device is now ready for surgical use. Note: tip can be damaged if not gripped carefully.

Assembly and use instructions
The device must be prepared and activated properly in order to ensure correct operation.
For every single need.

3 different variants containing 25, 40 or 50 Glutacks depending on mesh size / procedure requirement.