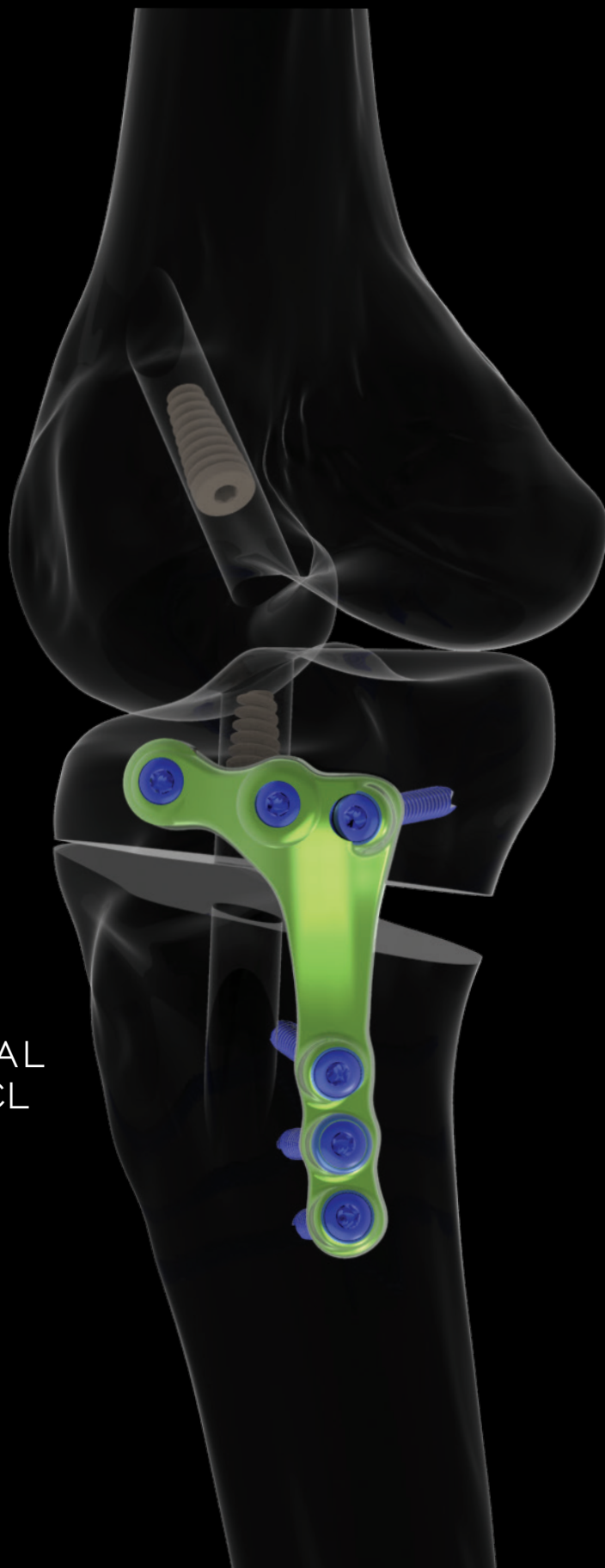
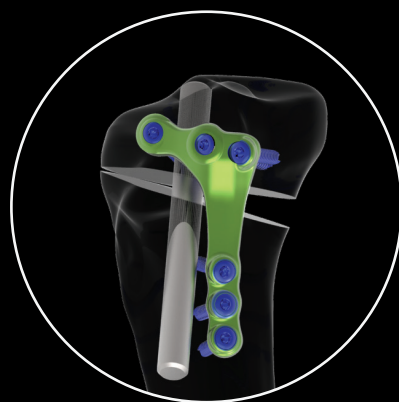
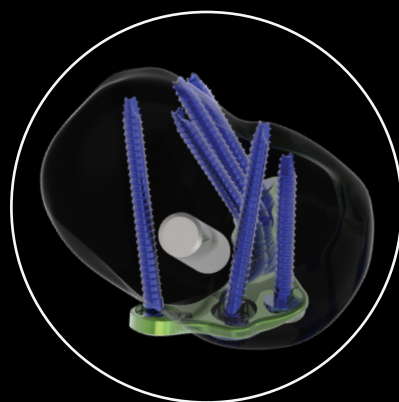




NEWCLIP-TECHNICS

INNOVATION MEANS MOTION



ACTIVMOTION LIGAMENTO PLATE FOR OPENING WEDGE TIBIAL OSTEOTOMY COMBINED WITH ACL RECONSTRUCTION

POLYAXIAL LOCKING FIXATION
DUALTEC SYSTEM®

- ▶ Design allowing two surgical procedures to be done at the same time
- ▶ Design and positioning adapted to the knee biomechanics

TECHNICAL FEATURES

PLATE FOR OPENING WEDGE OSTEOTOMY

The ACTIVMOTION range of plates includes a plate designed for knee osteotomy combined with ACL reconstruction.

- Asymmetrical anatomic implant (green anodized for right side, blue anodized for left side),
- Made from titanium alloy, implants (plates and screws) have a low profile reducing their invasiveness,
- So as to prevent any risk of collapsing the tunnel when tightening the interference screw, the plate's upper part anterior to the tunnel is reinforced for ACL reconstruction.



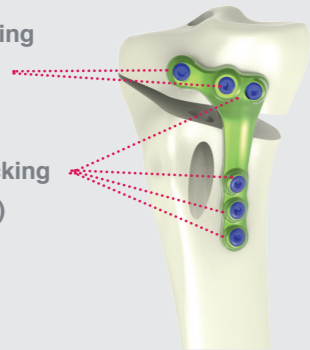
FIXATION

TECHNICAL FEATURES

- Ø4.5 mm reinforced core screws for optimal mechanical stability,
- Buried screws are used to minimize risks of soft tissue irritation.

2 polyaxial locking holes (DTS®)

4 monoaxial locking holes (Oneclip®)



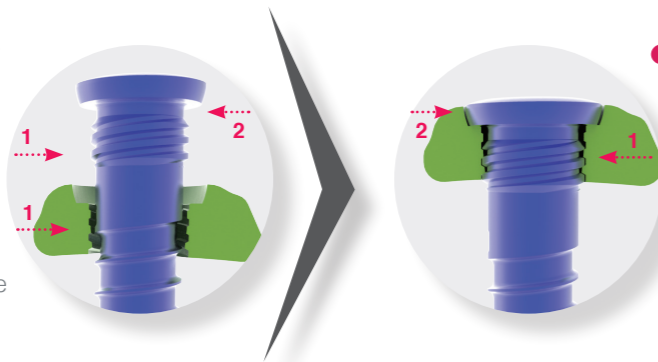
POLYAXIAL LOCKING SYSTEM



- Possible angulation of the screw before locking (25° locking range) thanks to the DTS® system.
- 2 polyaxial locking holes (DTS®) are located in the proximal part on either side of the osteotomy tunnel to avoid damaging the graft.

SELF-LOCKING SYSTEM

- The threaded sections under the screw head and inside the hole have strictly the same profile (1):
 - Cylindrical internal thread profile
 - Cylindrical external thread profile
- Screw head cap(2),
- Plate and screws made from the same material: titanium alloy



- Low profile construct minimizing risks of cold welding and facilitating the removal of implants:
 - Perfect coaptation of both profiles when locking (1)
 - Screw head is tightened up until complete insertion into the hole, thus ensuring appropriate locking (2)
 - The screw head is buried into the plate.

INSTRUMENTATION

- A single instrument set for the whole ACTIVMOTION family,
- One type of screw (Ø4.5 mm) and one drill bit diameter (Ø4.0 mm) for simple and safe implant fitting,
- Trial osteotomy wedges for progressive and safe opening of osteotomy site.

SURGICAL TECHNIQUE



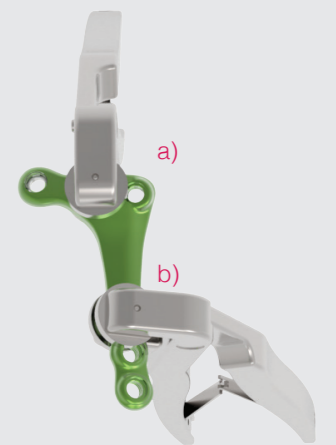
1. Perform the ACL tunnel following the surgeon's surgical technique.
2. Perform osteotomy cut. Progressively open the site using trial wedges from 6 to 16 mm.

BENDING THE PLATE

1. Bending should only be performed on the metaphyseal part of the plate between:

- the medial polyaxial hole (a.)
- the first diaphyseal hole (b.)

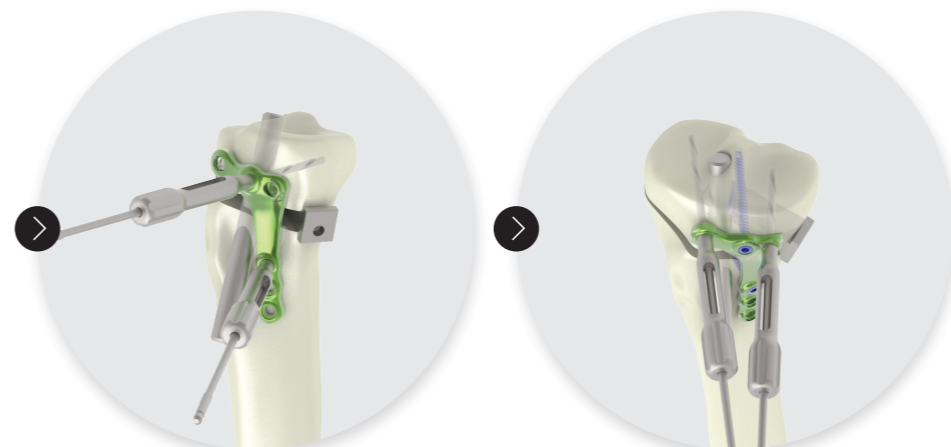
The positioning of the bending pliers must be as accurate as possible so that the ergonomic qualities of the plate are not altered.



2. Each bendable area should be bent **only once and in one direction**.
3. Bending should not be excessive.



3. Insert the spacer (ANC601) in order to preserve the tunnel during the insertion of the proximal polyaxial screws (see steps 5 and 6).
4. Position the plate: the diaphyseal part of the implant should run alongside the tunnel, the anterior and medial proximal holes are positioned on either side of the tunnel.



5. Insert the screws located on both sides of the osteotomy site to ensure primary stability. Drill with a Ø4.0 mm drill bit (ANC211) using the drill guide (ANC212). To avoid drilling through the tunnel, use a polyaxial approach for the placement of the screw into the proximal medial hole.
6. Once the first two screws have been inserted, repeat the procedure with the other two proximal screws. To avoid drilling through the tunnel, use a polyaxial approach for the placement of the screw into the proximal anterior hole.

FINAL RESULT



Complete the procedure by inserting the last two distal screws and removing the trial wedge.

IMPLANTS REFERENCES

PLATES*

| Ref. | Description |
|-----------|---|
| ALDTP1-ST | Right opening HTO plate with ACL replacement - size 1 |
| ALTGP1-ST | Left opening HTO plate with ACL replacement - size 1 |

Manufacturer: NEWCLIP TECHNICS (France)
 Notified body: SGS - CE 0120
 EC Class: IIb - US Class: II



Ø4.5 MM DTS® SELF TAPPING SCREWS*

| Ref. | Description |
|-------------|--|
| ST4.5L30-ST | DTS® self-tapping screw Ø4.5 mm - L30 mm |
| ST4.5L35-ST | DTS® self-tapping screw Ø4.5 mm - L35 mm |
| ST4.5L40-ST | DTS® self-tapping screw Ø4.5 mm - L40 mm |
| ST4.5L45-ST | DTS® self-tapping screw Ø4.5 mm - L45 mm |
| ST4.5L50-ST | DTS® self-tapping screw Ø4.5 mm - L50 mm |
| ST4.5L55-ST | DTS® self-tapping screw Ø4.5 mm - L55 mm |
| ST4.5L60-ST | DTS® self-tapping screw Ø4.5 mm - L60 mm |
| ST4.5L65-ST | DTS® self-tapping screw Ø4.5 mm - L65 mm |
| ST4.5L70-ST | DTS® self-tapping screw Ø4.5 mm - L70 mm |
| ST4.5L75-ST | DTS® self-tapping screw Ø4.5 mm - L75 mm |

Manufacturer: NEWCLIP TECHNICS (France)
 Notified body: SGS - CE 0120
 EC Class: IIb - US Class: II

*Sterile packaging

→ OPTIONAL

ATLANTIC FUSION® CAGES*

| Ref. | Description |
|-------|----------------------------------|
| FCP06 | Fusion cage for HTO - 6 mm high |
| FCP08 | Fusion cage for HTO - 8 mm high |
| FCP10 | Fusion cage for HTO - 10 mm high |
| FCP12 | Fusion cage for HTO - 12 mm high |
| FCP14 | Fusion cage for HTO - 14 mm high |
| FCP16 | Fusion cage for HTO - 16 mm high |

Manufacturer: NEWCLIP TECHNICS (France)
 Notified body: SGS - CE 0120
 EC Class: IIb - US Class: II

WEDGES FOR FUSION CAGE*

| Ref. | Description |
|-------|---------------------------|
| TBS06 | Wedge for fusion cage 6° |
| TBS08 | Wedge for fusion cage 8° |
| TBS10 | Wedge for fusion cage 10° |
| TBS12 | Wedge for fusion cage 12° |
| TBS14 | Wedge for fusion cage 14° |
| TBS16 | Wedge for fusion cage 16° |

Manufacturer: BIOMATLANTE FRANCE
 Notified body: TUV - CE 0123
 EC Class: III - US Class: II

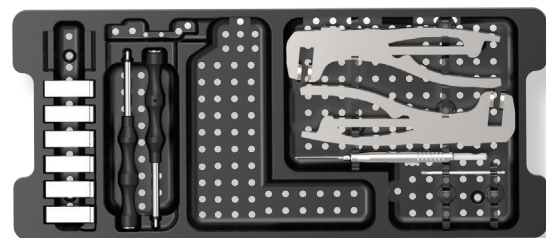
INSTRUMENTS REFERENCES

INSTRUMENTS

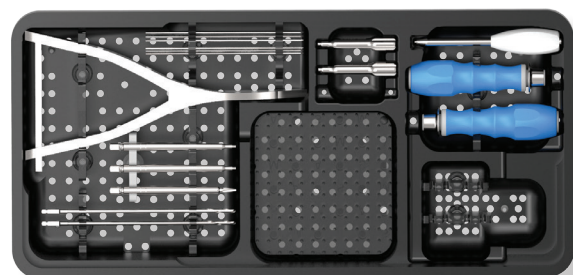
| Ref. | Description | Qty |
|-------------|---|-----|
| ANC019 | Metallic wedge 6 mm high | 1 |
| ANC020 | Metallic wedge 8 mm high | 1 |
| ANC021 | Metallic wedge 10 mm high | 1 |
| ANC022 | Metallic wedge 12 mm high | 1 |
| ANC023 | Metallic wedge 14 mm high | 1 |
| ANC024 | Handle for metallic wedge and cutting guide | 2 |
| ANC025 | Metallic wedge 16 mm high | 1 |
| ANC047 | HTO fusion cage handling tool | 1 |
| ANC119-SK | 3.0 mm hexagonal screwdriver with quick coupling system | 2 |
| ANC120-US | Ø4.2 mm reamer with quick coupling system | 1 |
| ANC210 | Length gauge for Ø4.5 mm screws | 1 |
| ANC211 | Ø4.0 mm quick coupling drill bit | 2 |
| ANC212 | Ø4.0 mm DTS® drill guide | 2 |
| ANC235 | HTO Meary pliers | 1 |
| ANC240 | Pliers for bending ACTIV plates | 2 |
| ANC312 | 3.0 mm hexagonal screwdriver with quick coupling system | 1 |
| ANC352 | Ø6 mm US quick coupling handle | 2 |
| ANC601 | Spacer | 1 |
| 33.0222.150 | K-wire -Trocar point/Round End - Ø2.2 L150 mm | 3 |

REMOVAL SET

If you have to remove Activmotion ligamento implants, make sure to order the Newclip Technics removal set which includes the following instruments:
 - ANC119-SK : 3.0 mm hexagonal screwdriver with quick coupling system
 - ANC352 : Ø6 mm US quick coupling handle
 - ANC312 : 3.0 mm quick coupling hexagonal screwdriver



INSERT (ANC279/I)



BASE (ANC279/B)

The information presented in this brochure is intended to demonstrate a NEWCLIP TECHNICS product. Always refer to the package insert, product label and/or user instructions before using any NEWCLIP TECHNICS product. Surgeons must always rely on their own clinical judgment when deciding which products and techniques to use with their patients. Products may not be available in all markets. Product availability is subject to the regulatory or medical practices that govern individual markets. Please contact your NEWCLIP TECHNICS representative if you have questions about the availability of NEWCLIP TECHNICS products in your area.



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