FOOTMOTION PLATING SYSTEM

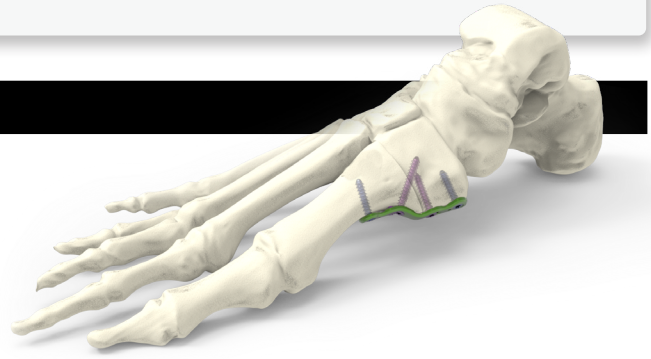
PLANTAR LAPIDUS NARROW PLATE

Indications: the Footmotion Plating System is intended for arthrodeses, fractures and osteotomies fixation and revision surgeries of the foot in adults.

NEWCLIP TECHNICS

Contraindications:
- Serious vascular deterioration, bone devitalization.
- Pregnancy.
- Acute or chronic local or systemic infections.
- Lack of musculo-cutaneous cover, severe vascular deficiency affecting the concerned area.
- Insufficient bone quality preventing a good fixation of the implants into the bone.
- Muscular deficit, neurological deficiency or behavioral disorders, which could submit the implant to abnormal mechanical strains.
- Allergy to one of the materials used or sensitivity to foreign bodies.
- Serious problems of non-compliance, mental or neurological disorders, failure to follow post-operative care recommendations.
- Unstable physical and/or mental condition.

TECHNICAL FEATURES



→ PLATE FOR PLANTAR LAPIDUS ARTHRODESIS

Example of application: osteoarthritis, functional deformities.

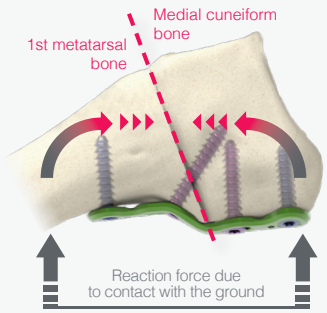
Anatomical implant

- The design of this implant is the result of a proprietary state-of-the-art mapping technology to establish the maximum congruence between the plate and the bone,
- The plate is made of Grade 2 Titanium for an easier adaptation to first tarsometatarsal (TMT1) joint anatomies when using bending pliers.

Plantar positioning of the plate

- Offers stable assembly and generates dynamic compression (see diagram to the right), the transfixation screw is inserted through the joint providing stability to the assembly.

Dynamic compression

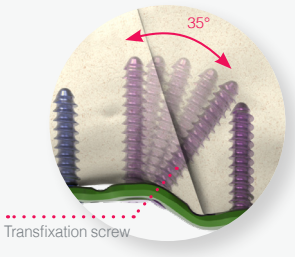


Fixation

Ø3.5 mm single diameter:
- 2 oblong holes: Ø3.5 mm non locking screw:
  - Distal oblong hole: screw angulation up to 35°,
  - Oblong holes positioning allows to avoid conflicts between screws.
- 2 or 3 locking holes: Ø3.5 mm locking screw.

Hexalobular screw recess.

Screw angulation of 35°



SURGICAL TECHNIQUE (PAGE 1/2)

Example: Hallux valgus, ligament hyperlaxity.

OPTIONAL STEPS

Ø4.0 mm compressive cannulated screw insertion before plate positioning allowing the compression of the joint.

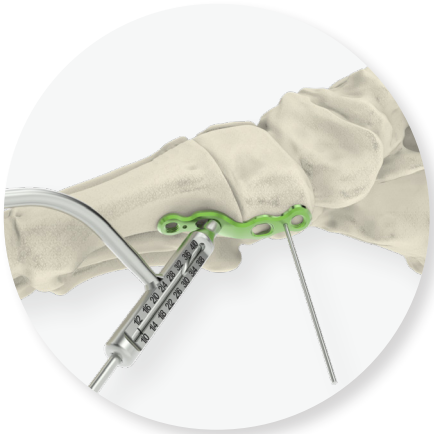
1. Resect the joint following the usual technique.

2. Insert the guiding pin (33.0213.120) transversaly from the 1st metatarsal to the cuneiform. Then, introduce the Ø2.9 mm cannulated drill bit (ANC414M) onto the guiding pin and drill.

3. Insert the Ø4.0 mm compressive cannulated screw (H1.4QT4.0Lxx) using the cannulated screwdriver (ANC388). Then, remove the pin.

H1.4QT4.0Lxx

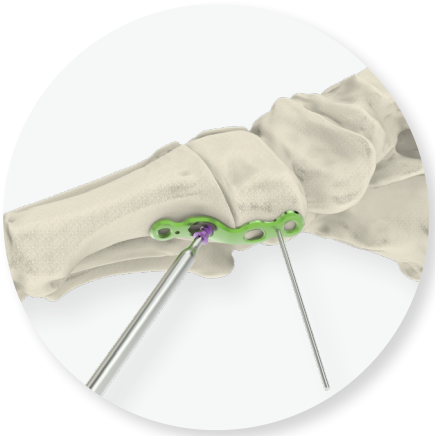
1. Position plantarly the plate on the TMT1 joint with Ø1.2 mm pins (33.0212.070). The middle of the plate must be placed over the TMT1 joint.



2. In the distal oblong hole, perform the drilling (ANC591) using the non threaded bent guide gauge (ANC841) or the threaded guide gauge (ANC577). Read the drilling depth on the guide gauge.

   It is possible to check the depth with the length gauge (ANC589).

ANC589



3. Insert a Ø3.5 mm non locking screw (RLT3.5Lxx) using the T8 quick coupling screwdriver (ANC575).

4. In the proximal oblong hole, repeat the steps 2 and 3 for the Ø3.5 mm non locking screw (RLT3.5Lxx) insertion.

5. In the most distal hole, perform the drilling (ANC591) using the Ø2.7 mm threaded guide gauge (ANC577). Read the drilling depth on the threaded guide gauge.

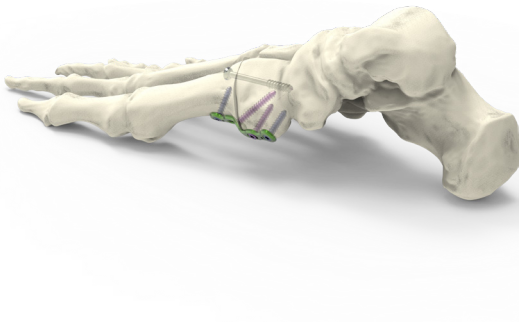
   It is possible to check the depth with the length gauge (ANC589).

ANC589

6. Insert a Ø3.5 mm locking screw (SLT3.5Lxx) using the T8 quick coupling screwdriver (ANC575).

7. In the most proximal hole, repeat the steps 5 and 6 for the Ø3.5 mm locking screw (SLT3.5Lxx) insertion.

FINAL RESULT



→ PLATE BENDING

The plates of the Footmotion Plating System can be bent using the appropriate bending pliers (ANC578) with the following instructions:

- Bending is only possible in the areas intended for this purpose,
- A bendable area must be bent only once and in one direction,
- Bending must not be performed excessively,
- The holes must be protected to avoid damaging the fixation.

REFERENCES

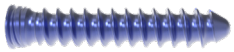
MADE IN FRANCE

PLATES

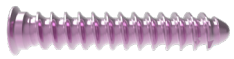
Ref.	Description
FLTGV0	Plantar Lapidus Arthrodesis plate - Left - Narrow - Size 0
FLTDV0	Plantar Lapidus Arthrodesis plate - Right - Narrow - Size 0
FLTGV1	Plantar Lapidus Arthrodesis plate - Left - Narrow - Size 1
FLTDV1	Plantar Lapidus Arthrodesis plate - Right - Narrow - Size 1
FLTGV2	Plantar Lapidus Arthrodesis plate - Left - Narrow - Size 2
FLTDV2	Plantar Lapidus Arthrodesis plate - Right - Narrow - Size 2

Ø3.5 MM SCREWS

Ref.	Description
SLT3.5Lxx	Locking screw - Ø3.5 mm - L10 mm to L40 mm (2 mm incrementation)
RLT3.5Lxx	Non locking screw - Ø3.5 mm - L10 mm to L40 mm (2 mm incrementation)



SLT3.5Lxx



RLT3.5Lxx

INSTRUMENTS FOR PLANTAR LAPIDUS ARTHRODESIS PLATE

Ref.	Description	Qty
ANC350	Ø4.5 mm AO quick coupling handle – size 1	2
ANC575	T8 quick coupling screwdriver	2
ANC577	Ø2.7 mm threaded guide gauge for Ø3.5 mm	2
ANC578	Bending pliers	2
ANC589	Length gauge for Ø2.8 mm and Ø3.5 mm screws	1
ANC591	Ø2.7 mm quick coupling drill bit – L125 mm	2
ANC611	Ø3.0 mm quick coupling drill bit – L125 mm	1
ANC642	Opening wedge osteotomy instrument	1
ANC841	Ø2.7 mm non threaded bent guide gauge for Ø3.5 mm screws	1
33.0212.070	Pin – Ø1.2 L70 mm	5
33.0216.100	Pin – Ø1.6 L100 mm	5
33.0216.150	Pin – Ø1.6 L150 mm	5

→ Ø4.0 MM OPTION

OPTIONAL IMPLANTS

Ref.	Description
H1.4QT4.0Lxx-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L26 mm to L48 mm (2 mm incrementation) - STERILE
H1.4IFT4.0Lxx-ST	Self-drilling self-compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - L26 mm to L48 mm (2 mm incrementation) - STERILE
WASH-T4-ST	Washer - STERILE

H1.4QT4.0Lxx

H1.4IFT4.0Lxx

OPTIONAL INSTRUMENTS FOR Ø4.0 MM COMPRESSIVE SCREW

Ref.	Description	Qty
ANC167L	Pins support for Ø1.0 mm pin - Long	2
ANC388	2.5 mm quick coupling hexagonal non prehensor screwdriver - cannula Ø1.4 mm	1
ANC414M	Ø2.9 mm drill bit - cannula 1.4 mm - L125 mm	1
ANC427	Length gauge for pin Ø1.3 mm - L120 mm	1
ANC664	Ø2.9 mm countersink - cannula Ø1.4 mm - AO quick coupling	1
ANC665	Ø1.4 mm pin guide	1
ANC845	Ø6.0 mm countersink - cannula Ø1.4 mm	1
A10407M	12 cm pin for washers	1
33.0213.120	Pin Ø1.3 L120 mm	6

NEWCLIP TECHNICS (HQ)
PA de la Lande Saint Martin
45 rue des Garottières
44115 Haute-Goulaine, France
+33 (0)2 28 21 23 25
orders@newcliptechnics.com
www.newcliptechnics.com

NEWCLIP TECHNICS IBERIA
Calle Frederic Monpou, 4b
Sant Just d'Esvern
08960 Barcelona, España
+34 938 299 526
contact@newclipiberia.com
www.newcliptechnics.com

NEWCLIP TECHNICS USA
Newclip USA
642 Larkfield Center
Santa Rosa CA 95403, USA
+1 707 230 5078
customerservice@newclipusa.com
www.newclipusa.com

NEWCLIP TECHNICS GERMANY
Newclip GmbH
Pröllstraße 11, D-86157 Augsburg,
Deutschland
+49 (0)821 650 749 40
info@newclipgmbh.com
www.newclipgmbh.de

NEWCLIP TECHNICS JAPAN
Newclip Technics Japan K.K.
KKK Bldg. 502, 3-18-1 Asakusabashi
Taito-Ku, Tokyo, 111-0053, Japan
+81 (0)3 58 25 49 81
www.newcliptechnics.com

NEWCLIP TECHNICS AUSTRALIA
Newclip Australia
3B/11 Donkin Street
West End 4101, Australia
+61 (0)2 81 886 110
solutions@newclipaustralia.com
www.newcliptechnics.com

Brochure EN - Footmotion Plating System - Lapidus - Ed3 - 04/2021 - Medical device EC: class IIb - CE1639 SGS BE - Read labeling and instructions before use. Non-contractual pictures