

# FOOTMOTION PLATING SYSTEM

## MEDIO-PLANTAR LAPIDUS PLATE



**NEWCLIP**  
TECHNICS  
.....  
INNOVATION MEANS MOTION

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

**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 MEDIO-PLANTAR LAPIDUS ARTHRODESIS**

Examples of application: severe hallux valgus and ligament hyperlaxity.

**Medio-plantar positioning of the plate**

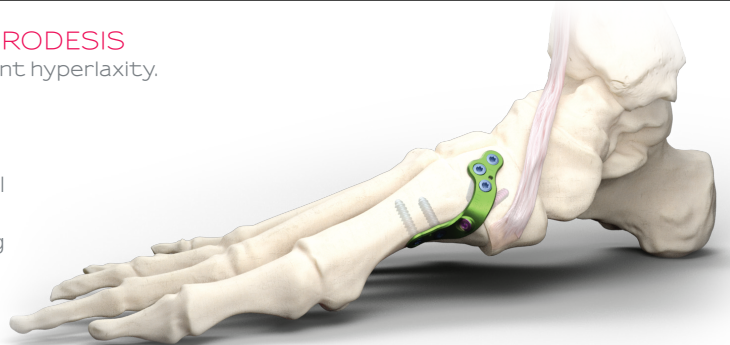
- Avoids the anterior tibial tendon insertion.
- Direct access to the Cuneiform holes through a medial approach.
- The transfixation screw is inserted through the joint providing efficient compression.

**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 TA6V.

**Fixation**

- Hexalobular socket screw drive.



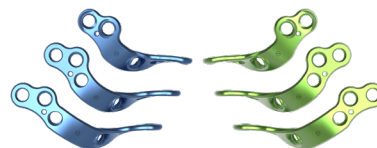
### REFERENCES

**PLATES**

Ref.	Description
FLTGMV0	Medio Plantar Lapidus Arthrodesis plate - Left - Size 0
FLTDMV0	Medio Plantar Lapidus Arthrodesis plate - Right - Size 0
FLTGMV1	Medio Plantar Lapidus Arthrodesis plate - Left - Size 1
FLTDMV1	Medio Plantar Lapidus Arthrodesis plate - Right - Size 1
FLTGMV2	Medio Plantar Lapidus Arthrodesis plate - Left - Size 2
FLTDMV2	Medio Plantar Lapidus Arthrodesis plate - Right - Size 2

**Ø3.5 MM SCREWS**

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



The associated instruments and screws are available in the **Footmotion Plating System** set.

**OPTIONAL IMPLANTS**

Ref.	Description
H1.4QT4.0Lxx-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - Lxx - STERILE L26 mm to L48 mm (2 mm incrementation)
H1.4IFT4.0Lxx-ST	Self-drilling self-compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - Lxx - STERILE L26 mm to L48 mm (2 mm incrementation)
QLT3.5Lxx-ST	Lag screw - Ø3.5 mm - Lxx mm - L20 mm to L40 mm - STERILE (2 mm incrementation)

**OPTIONAL: INSTRUMENTS FOR SELF-DRILLING 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 - L 125 mm -AO Ø4.5 mm quick coupling	1
ANC427	Length gauge for pin Ø1.3 mm - L 120 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 - AO quick coupling	1
A10407M	12 cm pin for washers	1
33.0213.120	Pin - Ø1.3 L120 mm	6

# SURGICAL TECHNIQUE

Examples: severe 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.

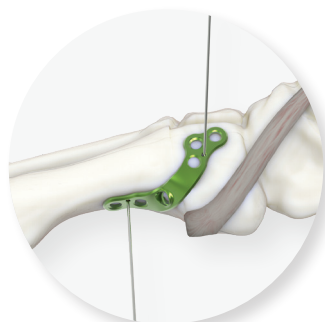


2. Insert the guiding pin (33.0213.120) transversally from the 1<sup>st</sup> metatarsal to the cuneiform. Then, slide the Ø2.9 mm cannulated drill bit (ANC414M) onto the guiding pin and drill.

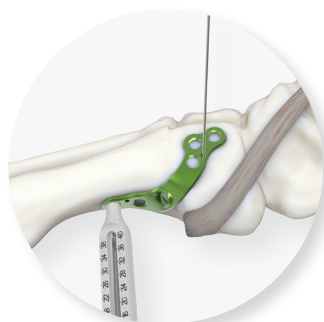


3. Insert the Ø4.0 mm compressive cannulated screw (H1.4QT4.0Lxx) using the cannulated screwdriver (ANC388) then remove the pin.

H1.4QT4.0Lxx

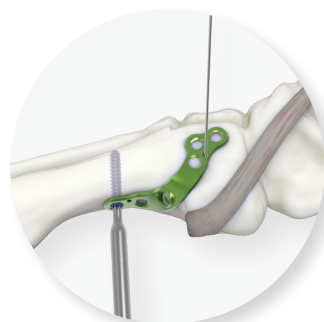


1. Position the plate on the TMT1 joint with Ø1.2 mm pins.

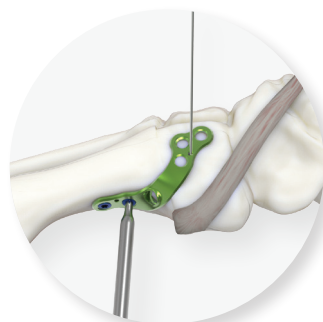


2. In the most distal locking hole, perform the drilling (ANC591) using the Ø2.7 mm threaded guide gauge (ANC577). Read the drilling depth on the guide gauge.

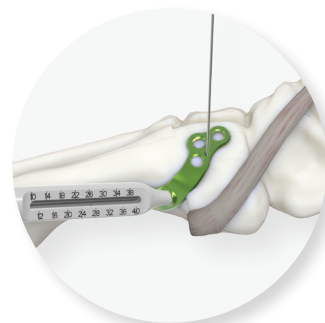
It is possible to determine the length with the length gauge (ANC589).



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



4. Repeat the step 2 and 3 for the second distal locking hole.

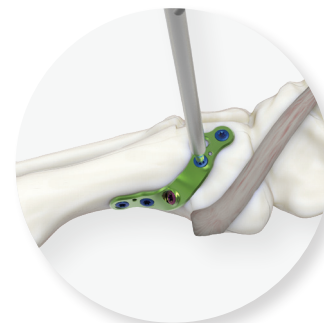


5. In the locking hole, perform the drilling (ANC591) using the threaded guide gauge (ANC577). Read the drilling depth on the threaded guide gauge.

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



6. Remove the Ø1.2 mm pin. Insert a Ø3.5 mm non locking screw (RLT3.5Lxx) using the T8 quick coupling screwdriver (ANC575).



7. In the proximal locking holes, repeat the steps 2 and 3 for the Ø3.5 mm remaining locking screws (SLT3.5Lxx).



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 so as to avoid damaging the fixation.

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