

# FOOTMOTION PLATING SYSTEM

## TALO-NAVICULAR ARTHRODESIS



**NEW CLIP**  
TECHNICS

INNOVATION MEANS MOTION

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

**Contraindications :**

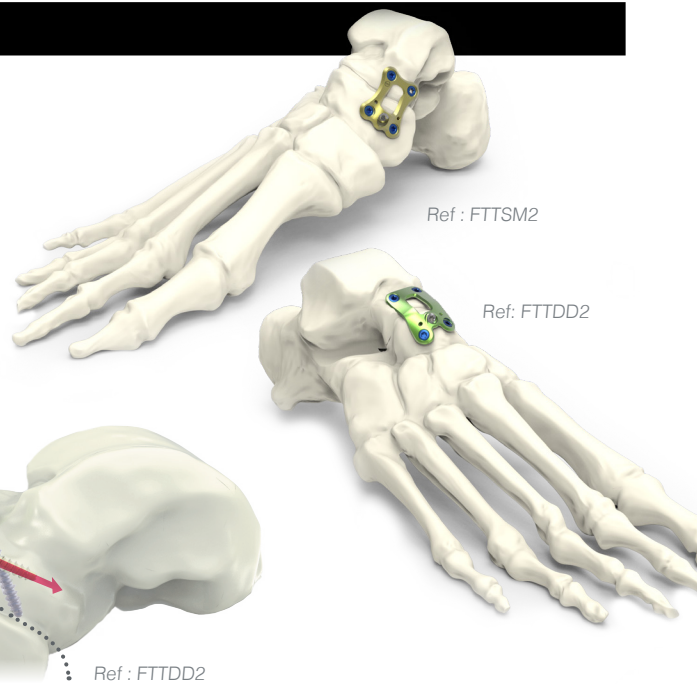
- Serious vascular deterioration, bone devitalization.
- Pregnancy.
- Acute or chronic local or systemic infections.
- Lack of musculo-cutaneous cover, severe vascular deficiency affecting the concerned area.
- Insufficient bone quality preventing a good fixation of the implants into the bone.
- Muscular 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

> **PLATES FOR TALO-NAVICULAR ARTHRODESIS**

Examples of application: arthrosis, flatfoot.

- Converging screws offering stable fixation.
- Transfixation screw allowing a simple and controlled compression.



- 2 types of plates (with or without graft):
  - dorsal approach: between the extensor hallucis longus and the tibialis anterior tendon.
  - medial approach: between the tibialis anterior tendon and the tibialis posterior tendon.

### REFERENCES

**Ø2.8 MM SCREWS**

Ref.	Description
SLT2.8Lxx	Locking screw - Ø2.8 mm - L10 mm to L34 mm (2 mm incrementation)
RLT2.8Lxx	Non locking screw - Ø2.8 mm - L10 mm to L34 mm (2 mm incrementation)

**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)
QLT3.5Lxx-ST	Lag screw - Ø3.5 mm - L20 mm to L40 mm (2 mm incrementation) - STERILE

**DORSAL PLATES FOR TALO-NAVICULAR ARTHRODESIS**

Ref.	Description	Length
FTTGD1	Talo-Navicular Arthrodesis plate - Left - Size 1	22.3 mm
FTTDD1	Talo-Navicular Arthrodesis plate - Right - Size 1	22.3 mm
FTTGD2	Talo-Navicular Arthrodesis plate - Left - Size 2	28.3 mm
FTTDD2	Talo-Navicular Arthrodesis plate - Right - Size 2	28.3 mm



**MEDIAL PLATES FOR TALO-NAVICULAR ARTHRODESIS**

Ref.	Description	Length
FTTSM1	Medial Talo-Navicular Arthrodesis plate - Size 1	21 mm
FTTSM2	Medial Talo-Navicular Arthrodesis plate - Size 2	26 mm



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

**Remark :**


Please note that all implants are also available in sterile packaging. An 'ST' code is added at the end of the reference. Ex : «SLT2.8L10-ST»

# SURGICAL TECHNIQUE

Example using the medial size 2 talo-navicular arthrodesis plate (FTTSM2)

Non-contractual pictures.

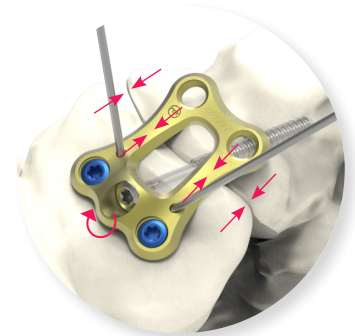
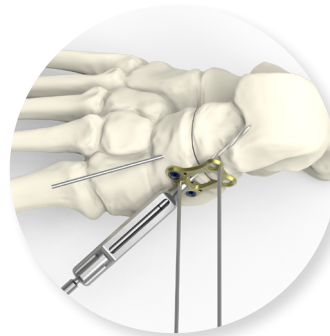
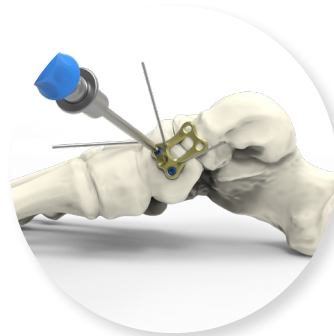
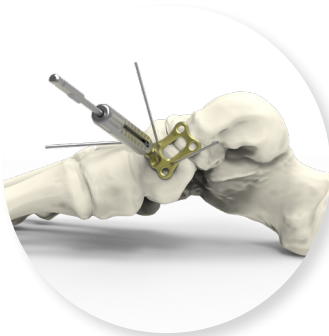
1. The incision is made approximately 5 mm above the tibialis posterior tendon.

 The incision for the dorsal talo-navicular arthrodesis plate is made between the tibialis anterior tendon and the extensor hallucis longus\*.

2. TN joint exposure and preparation:

Using the opening wedge instrument (ANC642), distract the surface. Then, prepare the joint (a curved curette or a curved lambotte is advised). It is recommended to position the foot support normal to the tibial axis. Temporarily fix the talo-navicular joint using a Ø1.6 mm pin (33.0216.150).

3. Position the plate on the medial side of the talo-navicular joint and insert two Ø1.2 mm pins (33.0212.070) in the navicular part.



4. Fix the Ø2.7 mm threaded guide gauge for Ø3.5 mm screws (ANC577) in the two locking holes in the navicular part. Drill using the Ø2.7 mm quick coupling drill bit (ANC591) and measure the necessary screw length.

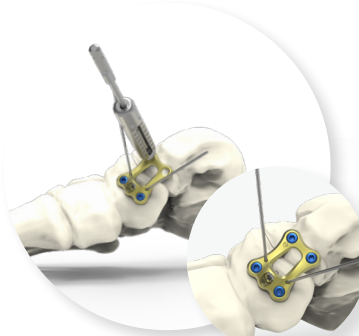
5. Insert two Ø3.5 mm locking screws (SLT3.5Lxx) using the T8 screwdriver (ANC575).

6. Fix the Ø2.7 mm threaded guide gauge for Ø3.5 mm screws (ANC577) in the transfixation hole. Drill and measure.

7. Insert one Ø3.5 mm lag screw (QLT3.5Lxx-ST) using the T8 screwdriver (ANC575).

**NB:** remove the Ø1.6 mm pin before achieving the compression.

**NB:** the depth can also be determined by using the length gauge (ANC589).



8. Fix the Ø2.7 mm threaded guide gauge for Ø3.5 mm screws (ANC577) in the two locking holes in the talus part. Drill and measure. Then, insert the two last screws (SLT3.5Lxx) and remove the pins.



**FINAL RESULT**

 Final tightening of the screws must be performed by hand.



**\*Dorsal talo-navicular arthrodesis plate**

THE SURGICAL TECHNIQUE IS IDENTICAL

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