The Footmotion Plating System is intended for arthrodeces, fractures and osteotomies fixation and revision surgeries of the foot in adults.

**Contre indications:**
- 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**

- **Calcaneal displacement osteotomy plate**
  - Example of application: Medial displacement calcaneal osteotomy
  - A central window allowing:
    - a better visualization of the osteotomy site,
    - a good vascularization for an optimized fusion.
  - A non locking central screw allowing the calcaneal shift without a specific instrumentation.
  - 2 transfixation screws allowing:
    - the stability of the construct,
    - the compression between the two bones fragments,
    - the optimization of the anchorage with converging screws.

- **Cotton osteotomy plate**
  - Example of application: Plantar flexion osteotomy of the medial cuneiform
  - Precontoured plates: respecting the 1st cuneiform anatomy.
  - Converging screws: allowing a stable fixation of the system.
  - 2 types of plates:
    - plate with wedge for osteotomy,
    - plate without wedge for graft addition.

**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)

The instrumentation and the screws are available in the Footmotion Plating System set.
SURGICAL TECHNIQUE

Example: Medial displacement calcaneal osteotomy

1. Perform the cut perpendicular to the long axis of the calcaneus.

2. Position the plate and stabilize it temporarily by inserting three Ø1.2 mm pins (33.0212.070) into the dedicated holes:
   - 2 in the osteotomy site,
   - 1 in the posterior part of the calcaneus.

3. Lock the threaded guide gauge (ANC577) in one of the posterior holes. Drill (ANC591), then directly measure the drilling depth on the threaded guide gauge. Insert a Ø3.5 mm (SLT3.5Lxx) locking screw with the T8 screwdriver (ANC575).

4. Insert the second locking screw to complete the posterior fixation and remove the pins.

5. Lock the threaded guide gauge (ANC577) in the central anterior hole. Drill (ANC591), then measure directly the drilling depth on the threaded guide gauge. Subtract the offset of the plate to determine the length of the screw to use. Then insert a Ø3.5 mm non-locking screw (RLT3.5Lxx) with the T8 screwdriver (ANC575) until the complete shifting.

6. Complete the construct by inserting the 2 non-locking transfixation screws (RLT3.5Lxx) located in the offset, to achieve the compression between the two bone fragments.

7. To finalize the anterior fixation, insert the two anterior locking screws (SLT3.5Lxx).

For lateral displacement, turn the plate at 180°, fix the anterior part and then the posterior part of the plate.

Final result

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.