INNOVATION MEANS MOTION

FOOTMOTION
PLATING SYSTEM

- Pre-contoured implants
- Versatile fixation system
- Hexalobe screw recess design
- Locked fixation
Indications: The Footmotion Plating System is intended for arthrodeses, fractures and osteotomies fixation and revision surgeries of the foot in adults.

Contra-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.

EXAMPLE OF APPLICATIONS

TECHNICAL FEATURES

PRECONTOURED IMPLANTS

The design of these implants is the result of a proprietary state-of-the-art mapping technology to establish the maximum congruence between the plate and the bone.
TECHNICAL FEATURES

FIXATION AND SCREW FEATURES

- One type of hole for two screw diameters: Locking (SLT2.8Lxx and SLT3.5Lxx) and non-locking screws (RLT2.8Lxx and RLT3.5Lxx).
- The screw head is minimally invasive and buried in the plate (1) so as to limit the risk of soft tissue irritation.
- The hexalobe screw recess design improves torque transmission and ability to cope with difficulty arising from screw insertion into the bone.

MONOAXIAL SELF-LOCKING SYSTEM

Features:
- The threads under the screw head and inside the hole have strictly the same characteristics (1):
  - Cylindrical internal thread profile.
  - Cylindrical external thread profile.
- Screw head cap (2),
- Plate and screws are all made of titanium alloy.

Results:
- Low profile assembly:
  - The screw head is stopped in the hole by its cap, ensuring the locking (3).
  - The screw head is buried in the plate (4).
- Construct limiting cold welding risks for improved removal properties: A perfect coaptation of both profiles during locking (5).

SPECIFIC FIXATIONS FOR OPTIMIZED STABILITY OF THE ASSEMBLY

Ramp oblong hole

The ramp oblong hole enables a simple and controlled compression thanks to its screw-plate interface.

⚠️ Only Ø 2.8 mm non-locking screws (RLT2.8Lxx) can be used for the ramp oblong holes.
A COMPREHENSIVE RANGE OF PLATES

PLATE FOR 1ST METATARSOPHALANGEAL ARTHRODESIS

(Examples of applications: hallux rigidus, severe hallux valgus, polyarthritis)

Technical features:
1. Hole for transfixation screw: The transfixation screw goes through the 1st MTP joint providing stability to the assembly.
2. Converging screws in the distal and proximal areas: Converging screws allow a stable fixation of the system.

PLATE FOR PLANTAR LAPIDUS ARTHRODESIS

(Examples of applications: osteoarthritis, functional deformities)

Technical features:
1. Plantar positioning of the plate:
   - Minimizes conflicts with the extensor hallucis longus and tibialis anterior tendon,
   - Offers stable assembly and generate dynamic compression (see diagram opposite),
2. The transfixation screw is inserted through the joint providing stability to the assembly,
3. Bendable sections,
4. 3 offsets, (3, 5 and 7 mm) to adapt to all anatomical features.

PLATE FOR OPENING BASE WEDGE OSTEOTOMY

(Example of application: severe hallux valgus)

Technical features:
1. A wedge is integrated into the plate: the wedge size depends on the correction angle. 3 sizes are available: 3, 4 and 5 mm + 1 neutral plate,
2. Low profile plate, 1.4 mm thick,
3. Converging proximal screws offering stable fixation.
4. 3 in 1 dedicated instrument: Distraction, compression and osteotomies.
A COMPREHENSIVE RANGE OF PLATES

PLATE FOR MEDIAL LISFRANC ARTHRODESES
(Example of application: structural instability)

Technical features:
- Converging screws offering stable fixation,
- 10° cuneo-metatarsal angle,
- 10° intermetatarsal angle,
- Optimal compression thanks to the slotted holes.

PLATE FOR DORSAL LISFRANC ARTHRODESES
(Examples of applications: osteoarthritis, fracture, Lisfranc joint dislocation, and fracture/dislocation after-effects)

Technical features:
- 2 possible constructs: C2-C3-M2-M3 or C3-cuboid-M3-M4 arthrodeses,
- Complementary solutions for midfoot arthrodeses,
- Cuneo-metatarsal angulation of 10°.

PLATE FOR TALO-NAVICULAR ARTHRODESES
(Examples of applications: osteoarthritis, high-arched foot, equinovarus, flat feet, and traumatic after-effects)

Technical features:
- Converging screws offering stable fixation,
- Transfixation screw: inserted through the joint for a stable assembly,
- Compression is achieved thanks to the transfixation screw,
- Right balance between the implant low profile and its strength: 1.7 mm thick.

STRAIGHT PLATES FOR VARIOUS APPLICATIONS

The Footmotion Plating System set offers a complete range of compressive straight plates designed for treatments of fractures, osteotomies and fusions for small bones and bone fragments.

- From 2 to 7 holes
- Optimal compression thanks to the oblong holes
- Bendable plate for several constructs
## Implants References

### 1st MTP Arthrodesis Plates

<table>
<thead>
<tr>
<th>Ref.</th>
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<tbody>
<tr>
<td>FMTDD1</td>
<td>1st MTP Arthrodesis plate - Right - Size 1</td>
</tr>
<tr>
<td>FMTGD1</td>
<td>1st MTP Arthrodesis plate - Left - Size 1</td>
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<td>FMTDD2</td>
<td>1st MTP Arthrodesis plate - Right - Size 2</td>
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<td>FMTGD2</td>
<td>1st MTP Arthrodesis plate - Left - Size 2</td>
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<td>FMTDD3</td>
<td>1st MTP Arthrodesis plate - Right - Size 3</td>
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<tr>
<td>FMTGD3</td>
<td>1st MTP Arthrodesis plate - Left - Size 3</td>
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### Talo-Navicular Arthrodesis Plates

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<td>FTTDD1</td>
<td>Talo-Navicular Arthrodesis plate - Right - Size 1</td>
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<tr>
<td>FTTGD1</td>
<td>Talo-Navicular Arthrodesis plate - Left - Size 1</td>
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<tr>
<td>FTTDD2</td>
<td>Talo-Navicular Arthrodesis plate - Right - Size 2</td>
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<tr>
<td>FTTGD2</td>
<td>Talo-Navicular Arthrodesis plate - Left - Size 2</td>
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### Medial Lisfranc Arthrodeeses Plates

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<td>FETDD1</td>
<td>Medial Lisfranc Arthrodeses plate - Right - Size 1</td>
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<tr>
<td>FETGD1</td>
<td>Medial Lisfranc Arthrodeses plate - Left - Size 1</td>
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### Dorsal Lisfranc Arthrodeeses Plates

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<tr>
<td>FDTSDN1</td>
<td>Dorsal Lisfranc Arthrodeses plate - Narrow</td>
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<tr>
<td>FDTSDS1</td>
<td>Dorsal Lisfranc Arthrodeses plate - Standard</td>
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<tr>
<td>FDTSDW1</td>
<td>Dorsal Lisfranc Arthrodeses plate - Wide</td>
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### Plantar Lapidus Arthrodesis Plates

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<tbody>
<tr>
<td>FLTSV1</td>
<td>Plantar Lapidus Arthrodesis plate - Size 1 - 3 mm</td>
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<tr>
<td>FLTSV2</td>
<td>Plantar Lapidus Arthrodesis plate - Size 2 - 5 mm</td>
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<tr>
<td>FLTSV3</td>
<td>Plantar Lapidus Arthrodesis plate - Size 3 - 7 mm</td>
</tr>
</tbody>
</table>
**Implants References**

### Straight Plates

- **FUTS1**: Straight plate - Size 1 - 2 holes
- **FUTS2**: Straight plate - Size 2 - 3 holes
- **FUTS3**: Straight plate - Size 3 - 4 holes
- **FUTS4**: Straight plate - Size 4 - 5 holes
- **FUTS5**: Straight plate - Size 5 - 6 holes
- **FUTS6**: Straight plate - Size 6 - 7 holes

### Opening Wedge Plates

- **FOTS M0**: Opening wedge plate - 0 mm
- **FOTS M3**: Opening wedge plate - 3 mm
- **FOTS M4**: Opening wedge plate - 4 mm
- **FOTS M5**: Opening wedge plate - 5 mm

### Locking Screws

#### Ø2.8 mm Screws

- **SLT2.8L10**: Locking screw - Ø2.8 mm - L 10 mm
- **SLT2.8L12**: Locking screw - Ø2.8 mm - L 12 mm
- **SLT2.8L14**: Locking screw - Ø2.8 mm - L 14 mm
- **SLT2.8L16**: Locking screw - Ø2.8 mm - L 16 mm
- **SLT2.8L18**: Locking screw - Ø2.8 mm - L 18 mm
- **SLT2.8L20**: Locking screw - Ø2.8 mm - L 20 mm
- **SLT2.8L22**: Locking screw - Ø2.8 mm - L 22 mm
- **SLT2.8L24**: Locking screw - Ø2.8 mm - L 24 mm
- **SLT2.8L26**: Locking screw - Ø2.8 mm - L 26 mm
- **SLT2.8L28**: Locking screw - Ø2.8 mm - L 28 mm
- **SLT2.8L30**: Locking screw - Ø2.8 mm - L 30 mm
- **SLT2.8L32**: Locking screw - Ø2.8 mm - L 32 mm
- **SLT2.8L34**: Locking screw - Ø2.8 mm - L 34 mm

*Green anodized

#### Ø3.5 mm Screws

- **SLT3.5L10**: Locking screw - Ø3.5 mm - L 10 mm
- **SLT3.5L12**: Locking screw - Ø3.5 mm - L 12 mm
- **SLT3.5L14**: Locking screw - Ø3.5 mm - L 14 mm
- **SLT3.5L16**: Locking screw - Ø3.5 mm - L 16 mm
- **SLT3.5L18**: Locking screw - Ø3.5 mm - L 18 mm
- **SLT3.5L20**: Locking screw - Ø3.5 mm - L 20 mm
- **SLT3.5L22**: Locking screw - Ø3.5 mm - L 22 mm
- **SLT3.5L24**: Locking screw - Ø3.5 mm - L 24 mm
- **SLT3.5L26**: Locking screw - Ø3.5 mm - L 26 mm
- **SLT3.5L28**: Locking screw - Ø3.5 mm - L 28 mm
- **SLT3.5L30**: Locking screw - Ø3.5 mm - L 30 mm
- **SLT3.5L32**: Locking screw - Ø3.5 mm - L 32 mm
- **SLT3.5L34**: Locking screw - Ø3.5 mm - L 34 mm
- **SLT3.5L36**: Locking screw - Ø3.5 mm - L 36 mm
- **SLT3.5L38**: Locking screw - Ø3.5 mm - L 38 mm
- **SLT3.5L40**: Locking screw - Ø3.5 mm - L 40 mm

*Blue anodized

#### Non Locking Screws

- **RLT2.8L10**: Non locking screw - Ø2.8 mm - L 10 mm
- **RLT2.8L12**: Non locking screw - Ø2.8 mm - L 12 mm
- **RLT2.8L14**: Non locking screw - Ø2.8 mm - L 14 mm
- **RLT2.8L16**: Non locking screw - Ø2.8 mm - L 16 mm
- **RLT2.8L18**: Non locking screw - Ø2.8 mm - L 18 mm
- **RLT2.8L20**: Non locking screw - Ø2.8 mm - L 20 mm
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- **RLT2.8L34**: Non locking screw - Ø2.8 mm - L 34 mm
- **RLT2.8L36**: Non locking screw - Ø2.8 mm - L 36 mm
- **RLT2.8L38**: Non locking screw - Ø2.8 mm - L 38 mm
- **RLT2.8L40**: Non locking screw - Ø2.8 mm - L 40 mm

*Fuchsia anodized

- **RLT3.5L10**: Non locking screw - Ø3.5 mm - L 10 mm
- **RLT3.5L12**: Non locking screw - Ø3.5 mm - L 12 mm
- **RLT3.5L14**: Non locking screw - Ø3.5 mm - L 14 mm
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- **RLT3.5L40**: Non locking screw - Ø3.5 mm - L 40 mm

*Golden anodized
### FOOTMOTION PLATING SYSTEM INSTRUMENTS

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<tr>
<th>Ref.</th>
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<tbody>
<tr>
<td>ANC350</td>
<td>Ø4.5 mm AO quick coupling handle - Size 1</td>
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<tr>
<td>ANC567</td>
<td>Ø16 mm convex reamer</td>
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<td>ANC568</td>
<td>Ø16 mm concave reamer</td>
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<td>Ø18 mm convex reamer</td>
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<td>ANC570</td>
<td>Ø18 mm concave reamer</td>
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<td>ANC571</td>
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<td>ANC572</td>
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<td>ANC574</td>
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<tr>
<td>ANC575</td>
<td>T8 quick coupling screwdriver</td>
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<tr>
<td>ANC576</td>
<td>Ø2.0 mm threaded guide gauge for Ø2.8 mm screws</td>
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<td>ANC577</td>
<td>Ø2.7 mm threaded guide gauge for Ø3.5 mm screws</td>
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<tr>
<td>ANC578</td>
<td>Bending plier</td>
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<td>ANC590</td>
<td>Ø2.0 mm quick coupling drill bit - L 125 mm</td>
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<tr>
<td>ANC591</td>
<td>Ø2.7 mm quick coupling drill bit - L 125 mm</td>
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<tr>
<td>ANC611</td>
<td>Ø3.0 mm quick coupling drill bit - L 125 mm</td>
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<td>ANC642</td>
<td>Opening wedge osteotomy instrument</td>
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<tr>
<td>33.0212.070</td>
<td>Pin - Ø1.2 L70 mm</td>
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<td>33.0216.100</td>
<td>Pin - Ø1.6 L100 mm</td>
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<td>33.0216.150</td>
<td>Pin - Ø1.6 L150 mm</td>
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#### REMOVAL SET

If you have to remove FOOTMOTION PLATING SYSTEM implants, make sure to order the Newclip Technics removal set which includes the following instruments:
- ANC350: Ø4.5 mm AO quick coupling handle - Size 1.
- ANC575: T8 quick coupling screwdriver