

PEDUS O/U



► Surgical Technique PEDUS-O WS Open Wedge Plate

PEDUS-O WS Open Wedge Plate

Product Specification

- Plate holes are filled with self-tapping cortical screws. The screws are available either non-locking or locking
- High stability with small implant dimensions.



Indication

- PEDUS-O Open Wedge Plates are indicated for fixations of osteotomies at the first Metatarsal bone for correction of deformities especially hallux valgus.

Access

- From the tarsometatarsal joint I along the midline of the OS metatarsal I, a dorsomedial incision is made 3 to 4 cm distally.
- Lead the incision to the bone and isolate the medial branch of the superficial fibular nerve.

Preparation of the Metatarsale I

- An osteotomy about 10 mm distal to the tarsometatarsal joint is performed. The lateral cortex is not severed.
- Next, the osteotomy is carefully spread open with small chisels.

Note:

The lateral corticalis determines the direction of the correction.

- Exact lateral -> horizontal correction
- Plantar-lateral -> simultaneous plantarization



Implant Selection and Positioning

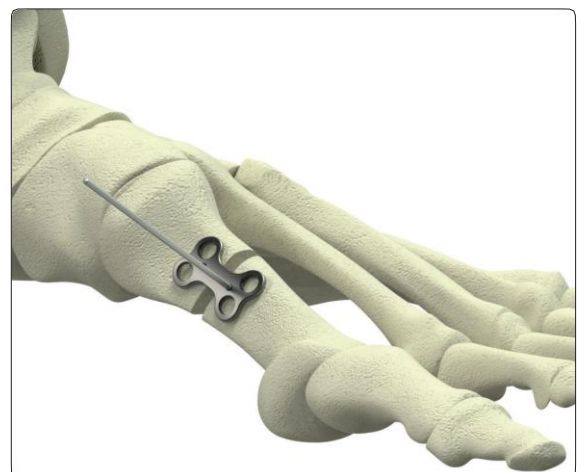
Instruments

REF 11.90012.070 Kirschner Wire Ø 1.2 mm

- The plate with the corresponding spacer will be inserted. The plate is stabilized without any further fixation.
- Optionally, the plate can be temporarily fixed with the K-wire.

Note:

The plate should rest flat on the bone at the locking screw holes.





Fixation of the Plate with Locking Screws

Instruments

REF 12.20010.017

Drill Bit Ø 1.7 mm

REF 12.20060.031

Drill Guide 1.7

- Next, the drill guide is screwed into the plate.
- At this stage the position of the plate can be checked with the image intensifier
- The bone is drilled through the drill guide bi-cortically with the drill bit.



Instruments

REF 02.20100.040

Length Determination Instrument,
for Screw up to 40 mm

- The length determination instrument is used to determine the required screw length.
- The length determination instrument is placed directly on the plate.



Instruments

REF 02.20040.020

Screwdriver, hex 2.0 mm

- Once the required screw length has been determined, the corresponding locking or non-locking cortical screw will be inserted with the screwdriver.

- Next, the remaining locking or non-locking cortical screws will be inserted in the plate.
- The procedure for inserting the screws corresponds to the procedure described above.
- Once all of the screw holes have been filled, a final radiological check is performed.



► Surgical Technique PEDUS-U WS Universal Plate

PEDUS-U WS Universal Plate

Product Specification

- Plate holes are filled with self-tapping locking or non-locking cortical screws.
- High stability with small implant dimensions.
- Can be used for the fixation of closing wedge osteotomies.

Indication

- PEDUS-U Universal Plates are indicated for fixation of fractures, osteotomies and joint fusions at the fore- and midfoot.

- The steps for drilling, measuring the screw length and fixation are the same as described in the PEDUS-O WS Open Wedge Plate surgical technique (see above)

