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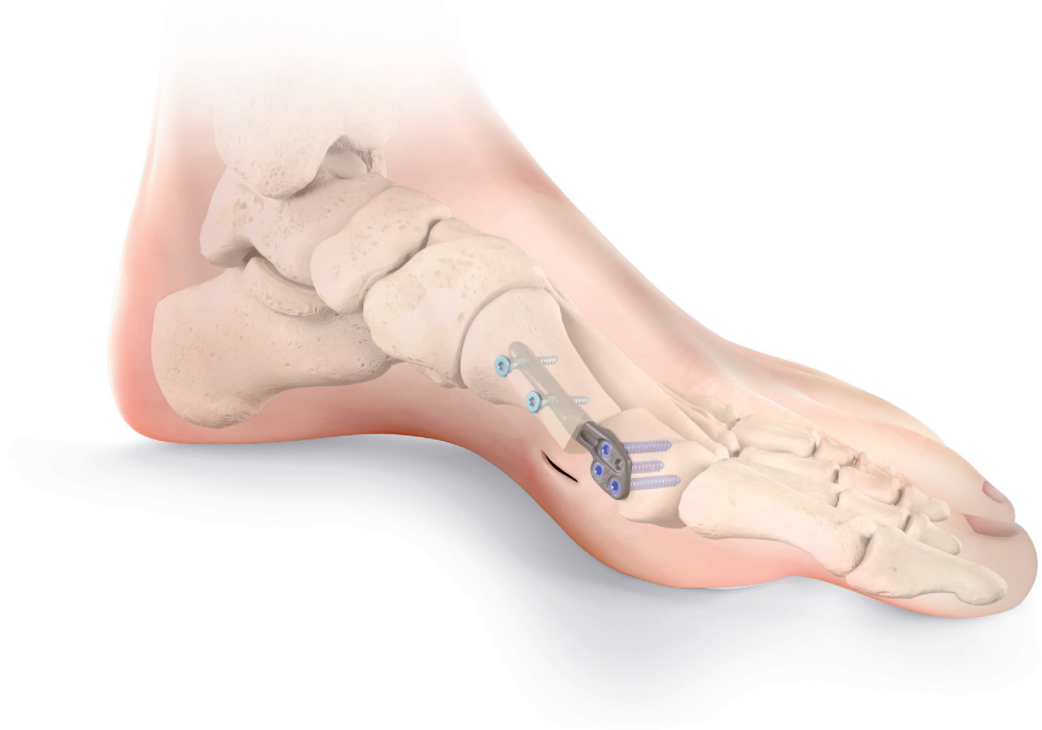
FEATURES BROCHURE

enovis™

CENTROLOCK®

GUIDED TRANSVERSE OSTEOTOMY SYSTEM

BUNION SYSTEMS



FEATURES & BENEFITS

The Centrolock® guided transverse osteotomy system is an osteosynthesis screw-plate indicated for correcting hallux valgus. The hybrid design combines a cannulated intramedullary stem with plate fixation on the metatarsal head. Powerful three plane corrections once achieved only by Lapidus procedures can now be performed distally through a less invasive, guided approach.

The combination of guided instrumentation and the Centrolock implant enables alternative treatment of hallux valgus without joint fusion.

HYBRID INTRAMEDULLARY IMPLANT

METATARSAL PLATE

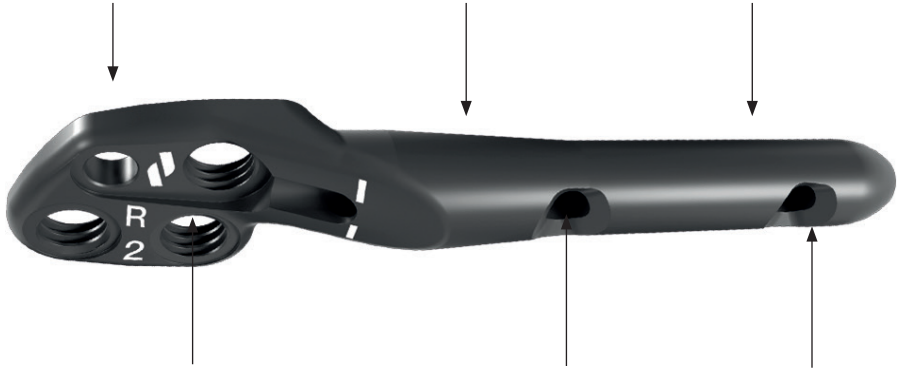
- 3 translation options
- Allows up to 100% translation

HYBRID INTRAMEDULLARY DESIGN

Combines metatarsal plate and cannulated stem

CANNULATED STEM

Enable implant positioning and eases frontal plan manipulation around the K-wire



LOCKING SCREWS HOLES

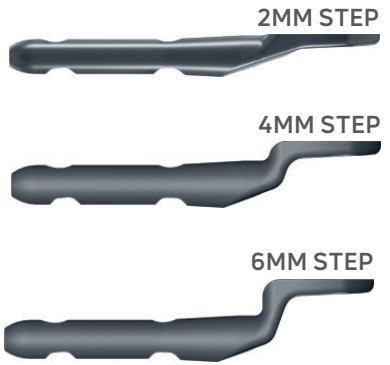
Ø2.5mm locking screws fix the capital fragment.

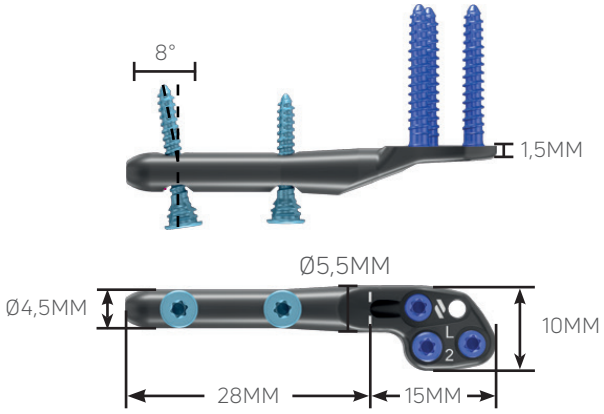
PROXIMAL FIXATION

Ø2mm cortical screws are implanted to securely fasten the intramedullary stem.

OFFSET ANGULATION

8° screw hole offset





GUIDED TRANSVERSE OSTEOTOMY

DISTAL MULTIPLANAR CORRECTION

Combined with transverse osteotomy, the Centrolock® hybrid intramedullary design allows for correction of hallux valgus in all three planes.

1. LATERAL TRANSLATION
2, 4, 6 mm Steps increase translation of the metatarsal head and allow up to 100% translation, correcting severe hallux valgus deformites.

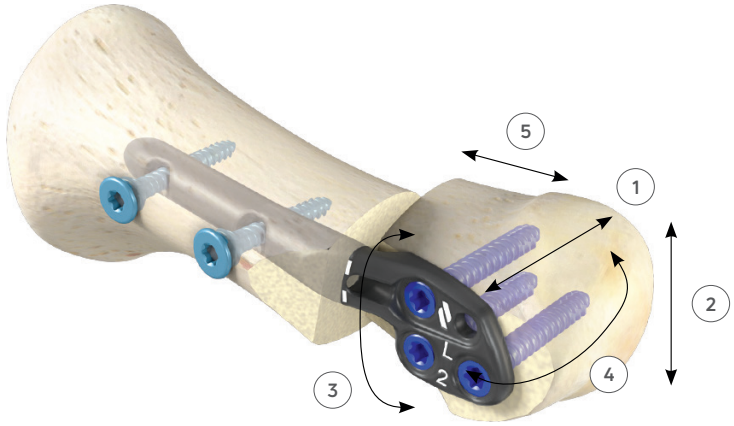
2. PLANTAR / DORSAL ALIGNMENT
Ability to manipulate the plantar or dorsal alignments of the first ray.

3. FRONTAL PLANE ROTATION
Cannulated stem rotates around the K-wire, providing simple manipulation of the frontal plane.

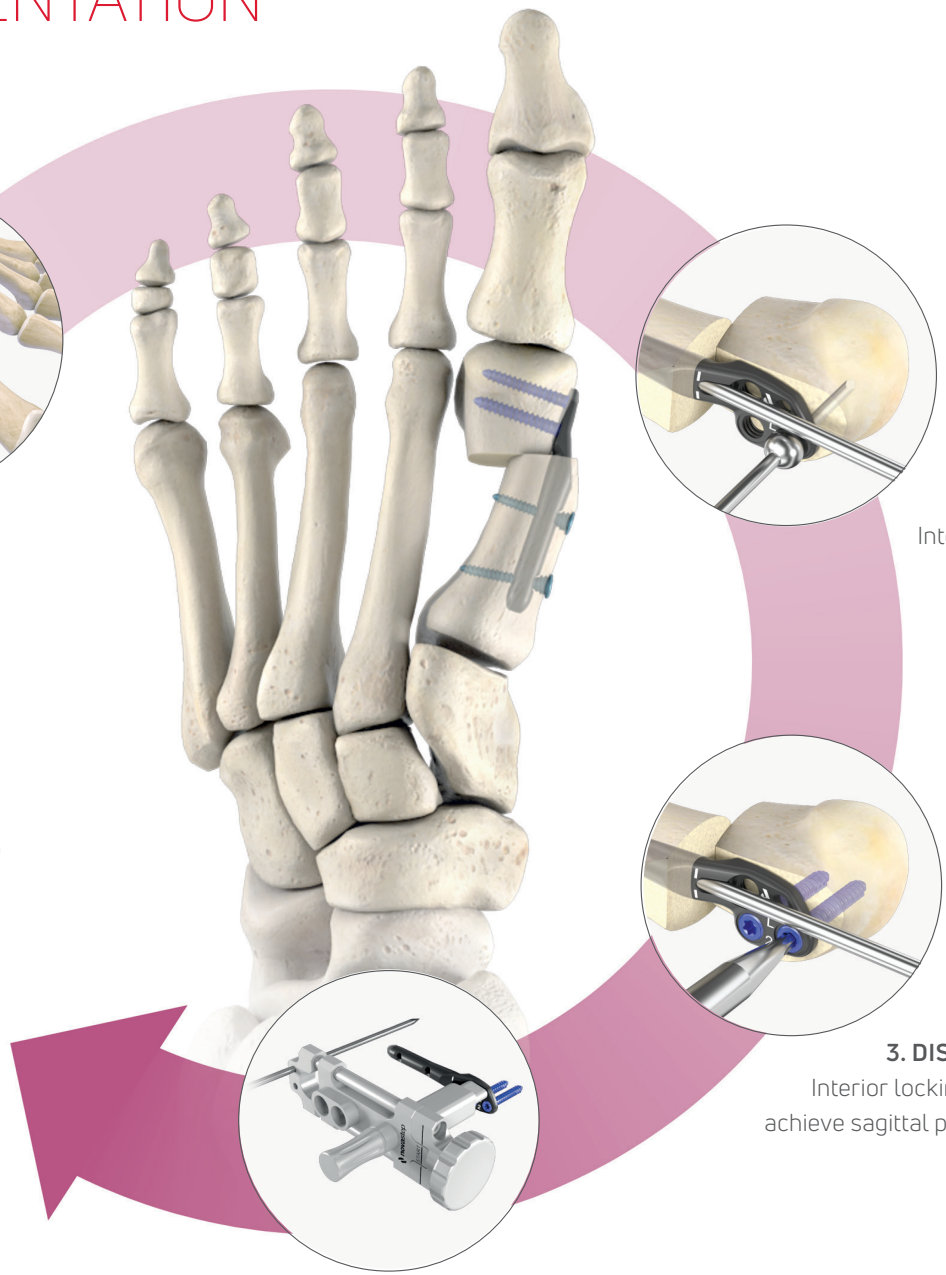
4. HORIZONTAL PLANE ROTATION
Medial eminence resection allows adjustment of metatarsal head positioning in the transverse plane.

5. LENGTH CORRECTION
With transverse osteotomy, surgeons may choose to keep the first ray neutral or lengthen or shorten if needed.

The Centrolock® implant is an alternative solution in transverse osteotomy fixation, providing a rigid construct and reducing the need for fusions in the surgical correction of hallux valgus.



GUIDED INSTRUMENTATION



1. TRANSVERSE OSTEOTOMY
Guided multiplane correction

2. IMPLANT POSITIONING
Intermetatarsal angle & sagittal plane correction

3. DISTAL FIXATION
Interior locking implanted to achieve sagittal plane correction

4. ROTATIONAL ALIGNMENT
Frontal plane alignment & compression

5. PROXIMAL FIXATION
Proximal fixation, securing final correction

INDICATION

The osteosynthesis screw-plate systems are indicated for Hallux Valgus.

PRE-OPERATIVE

POST-OPERATIVE

FINAL IMPLANTATION AT 3 MONTHS

ORDERING INFORMATION

CENTROLOCK® IMPLANT – RIGHT

PART #	STEP (mm)
PL070102	2mm
PL070104	4mm
PL070106	6mm

CENTROLOCK® IMPLANT – LEFT

REFERENCE	STEP (mm)
PL070202	2 MM
PL070204	4 MM
PL070206	6 MM

CENTROLOCK® LOCKING SCREW

PART #	LENGTH (mm)
SP012510*	10 mm*
SP012512	12 mm
SP012514	14 mm
SP012516	16 mm
SP012518	18 mm
SP012520	20 mm
SP012522	22 mm
SP012524*	24 mm*
SP012526*	26 mm*

** ON DEMAND*

CENTROLOCK® CORTICAL SCREW

REFERENCE	LENGTH (mm)
SP032012	12 mm
SP032014	14 mm
SP032016	16 mm
SP032018	18 mm
SP032020	20 mm
SP032022	22 mm
SP032024	24 mm

NOTES

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Carefully read the enclosed Instructions For Use (IFU) and all packaging label information. Devices: Implants: Class IIb-CE1639 / Instruments: Class I / Class Ir-CE1639 / Class IIa-CE1639.

REFERENCE: CEN-L-ED4-06-25-EN