

medartis



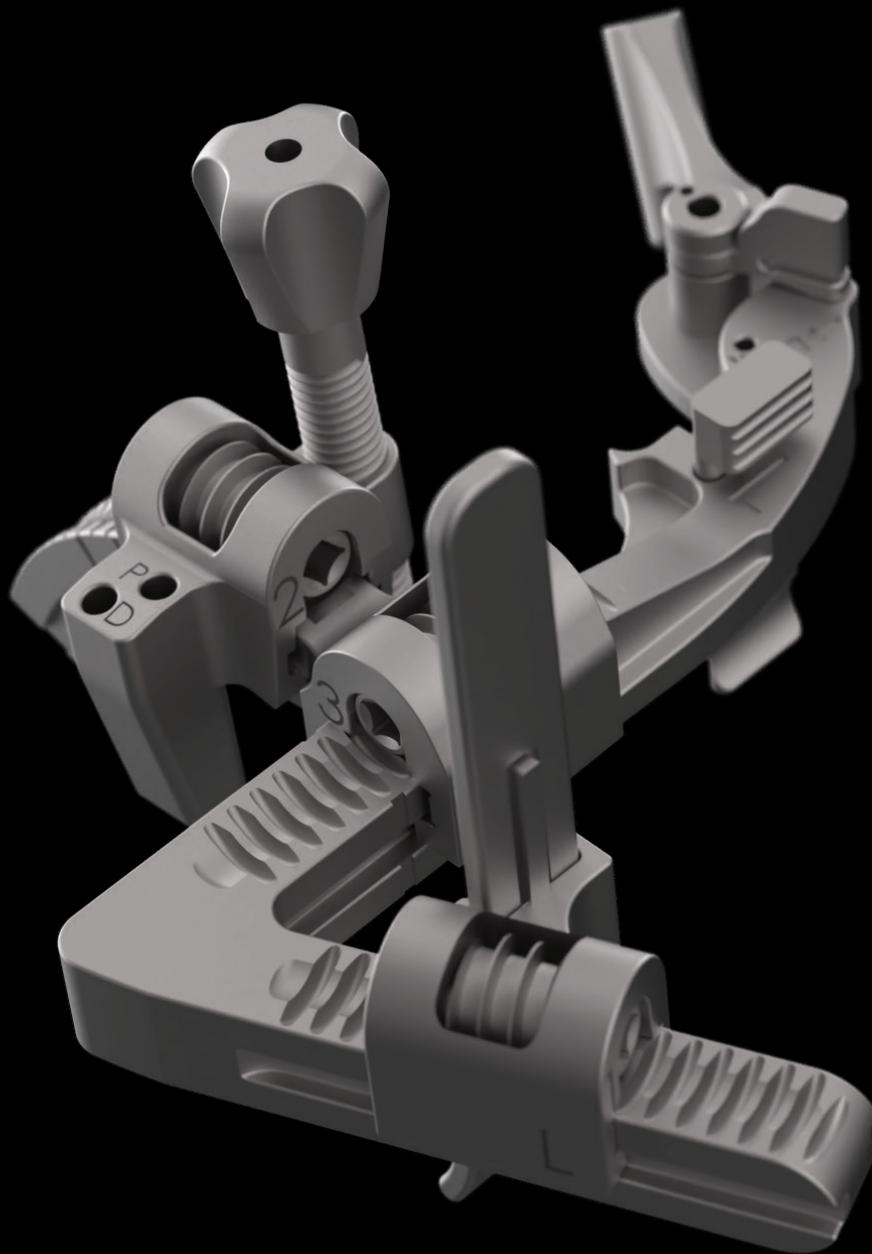
# LapiPrep

Lapidus Preparation and Correction System

# Lapidus **Your** Way, Not Theirs.

LapiPrep Preparation and Correction System from Medartis is the latest advancement in hallux valgus correction, transforming cumbersome traditional bunionectomies into efficient procedures with precise, reproducible corrections.

LapiPrep allows one set of surgical hands to correct and continuously adjust multiple planes of deformity, including the transverse, frontal, and sagittal planes, throughout the procedure before committing to any joint cuts or prep. LapiPrep provides an efficient, repeatable means to correct, cut, compress and fixate hallux valgus deformities to meet the individual needs of each patient.

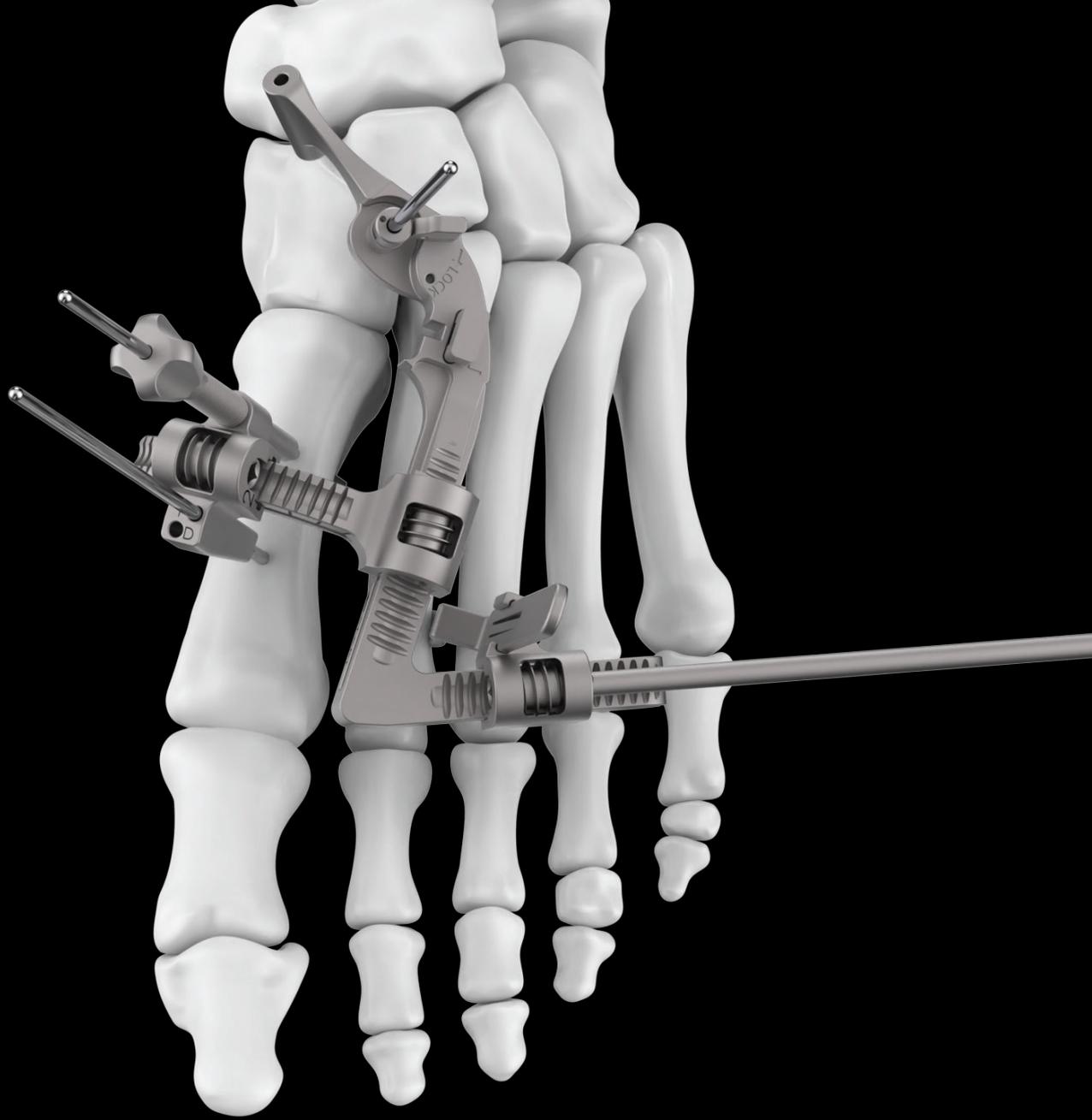


## Confident **Corrections** Without Compromise.

The unique, streamlined LapiPrep jig maintains correction in the frontal, sagittal and transverse planes throughout the procedure with just one pair of hands. With thoughtful engineering and exceptional design, LapiPrep represents the latest innovation in simplified, precise, repeatable Lapidus procedures.



- Jig maintains continuous contact with dorsal aspect of foot while providing constant visualization of joint space.
- Modular "drop-in/pull-out" components promote surgical efficiency, potentially reducing OR time.
- Intraoperative flexibility to perform resections via cuts or curettage, then proceed with the preferred form of fixation.



## Close. Correct. Cut. Complete. **Repeat.**

Modern Lapidus systems must provide consistent, repeatable tri-planar correction with built-in compression and distraction capabilities. With the Medartis LapiPrep system, surgeons can address corrections in each plane, transforming hallux valgus corrections into efficient, reproducible procedures. Once correction is achieved, LapiPrep allows the surgeon to proceed with the ideal fixation construct based on the patient's unique anatomic requirements.

### Close the IM.



Provides unconstrained range of IM angle correction via intricately threaded screws for precise adjustments.



### Correct All Planes.



Only one set of surgical hands are required to fine tune corrections in all planes while maintaining corrected IM angle.

## Cut or Curettage.



Surgeons don't commit to cuts until all corrections are found and verified. Metatarsal and cuneiform are resected in order of surgeon's preference.

## Complete Fixation.



LapiPrep gives surgeons the ability to prepare, compress and proceed with their preferred form of fixation.

# Lapidus Fixation Solutions from Medartis

## TMT-1 Medial Fusion Plate 2.8

- Plate geometry accommodates tibialis anterior tendon
- Compatible with classic and modified Lapidus approach
- Patented TriLock<sup>PLUS</sup> technology for compression and angular stable locking in one step



## TMT-1 Fusion Grid Plates

- Low profile plate
- Relief holes provide uniform stress distribution
- Can be contoured to individual anatomy



## APTUS Forefoot/Midfoot 2.0/2.3/2.8 Generic Straight Plate

- Generic plate shape
- Rounded edges
- Available in 4, 6 and 8 hole configurations



## TMT-1 Plantar Fusion Plate

- Designed to minimize conflict with tibialis anterior tendon insertion<sup>1</sup>
- Optimized plate design allows for soft tissue friendly access
- Anatomic plate shape<sup>2</sup>



### APTUS Forefoot/Midfoot 2.0/2.3/2.8 T-Plate

- Low profile plates available in two lengths
- Offset screw holes to avoid screw collision



### StealthFix Intraosseous Fixation System

- Zero profile fixation
- Strong bone-to-bone apposition helps reduce risk of plantar gap formation<sup>3</sup>
- Accommodates crossing screw as needed



### APTUS SpeedTip CCS Screws 2.2, 3.0, 4.0, 5.0, 7.0

- Patented SpeedTip design for immediate bite<sup>3</sup>
- Short, long and fully threaded options
- Headed and Headless



**References:**

1. Plaass et al.; Placement of Plantar Plates for Lapidus Arthrodesis: Anatomical Considerations. Foot & Ankle International (2015): 1071100715619607

**2. Testing information:**

Surgical Frontiers FEA Compression Analysis 17455, DHF-108-0176

Test Report Staple Pullout Strength, DHF-108-01160-02

Test Report Four Point Bending Static & Fatigue Strength, DHF-108-0115-02

3. Spiegel, A.; Pochlatko, N.; Zeuner, H; Lang, A.; Biomechanical Tests of Different Cannulated Compression Screws (data on file, Medartis AG, Switzerland).

**Disclaimer:** This information is intended to demonstrate the Medartis portfolio of medical devices. A surgeon must always rely on her or his own professional clinical judgement when deciding whether to use a particular product when treating a particular patient. Medartis is not giving any medical advice. The devices may not be available in all countries due to registration and/or medical practices. For further information, please contact your Medartis representative ([www.medartis.com](http://www.medartis.com)). All pictures shown are for illustration purposes only and may not be an exact representation of the product.

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For recognized manufacturer, refer to the product label.