

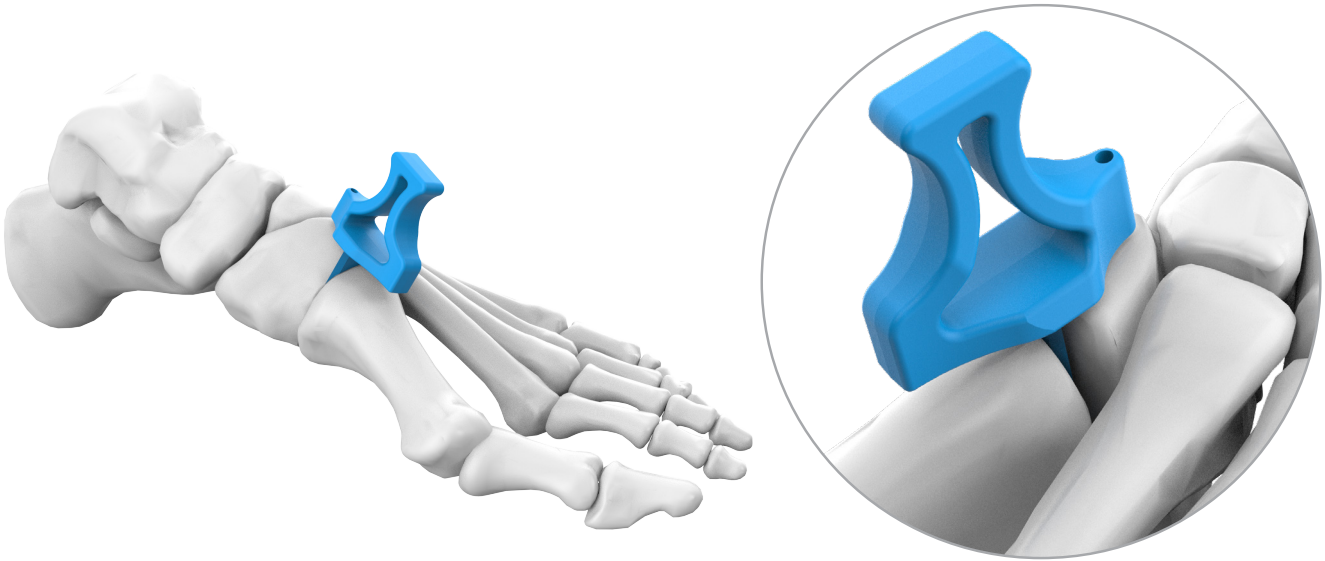
SURGICAL TECHNIQUE

# Lapidus Cut Guide

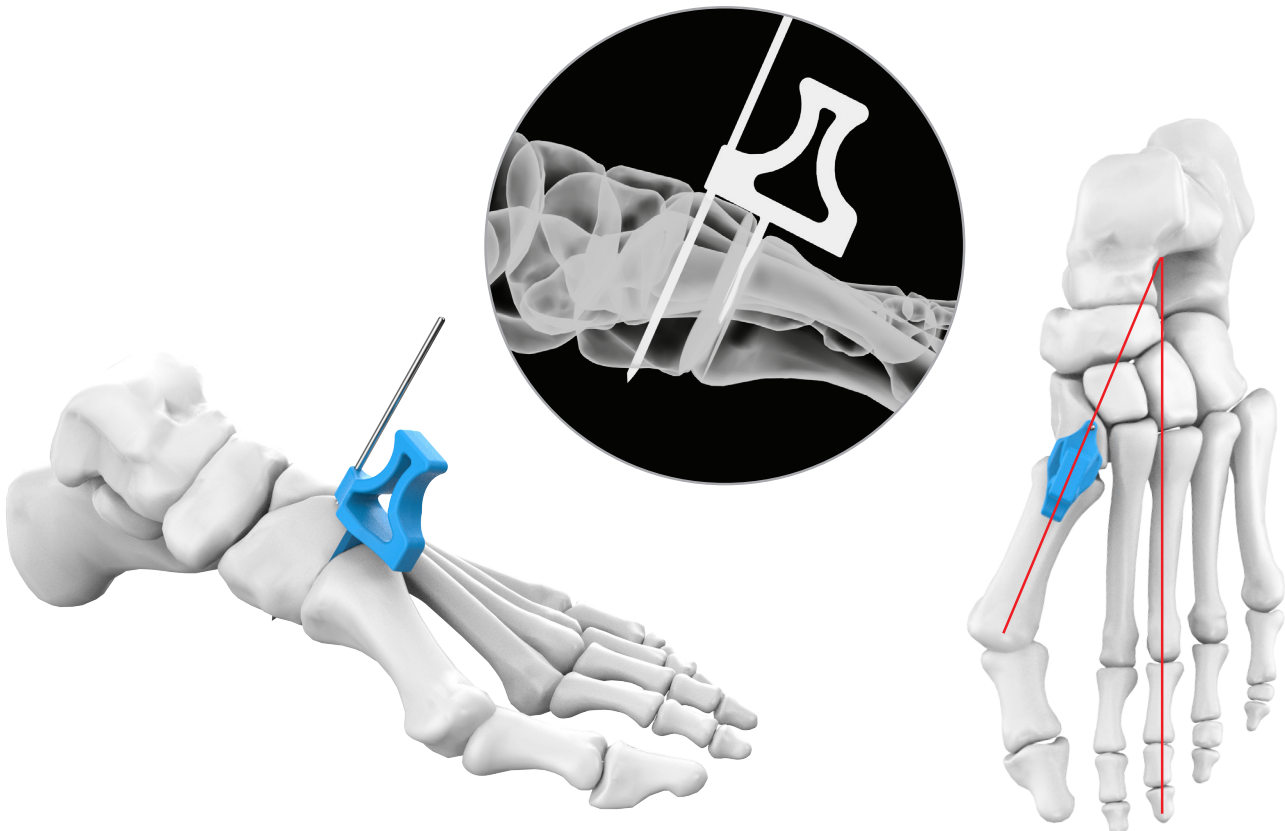


# Surgical Technique

1. Position the Pin Guide so that the paddle is between the medial cuneiform and the first metatarsal.



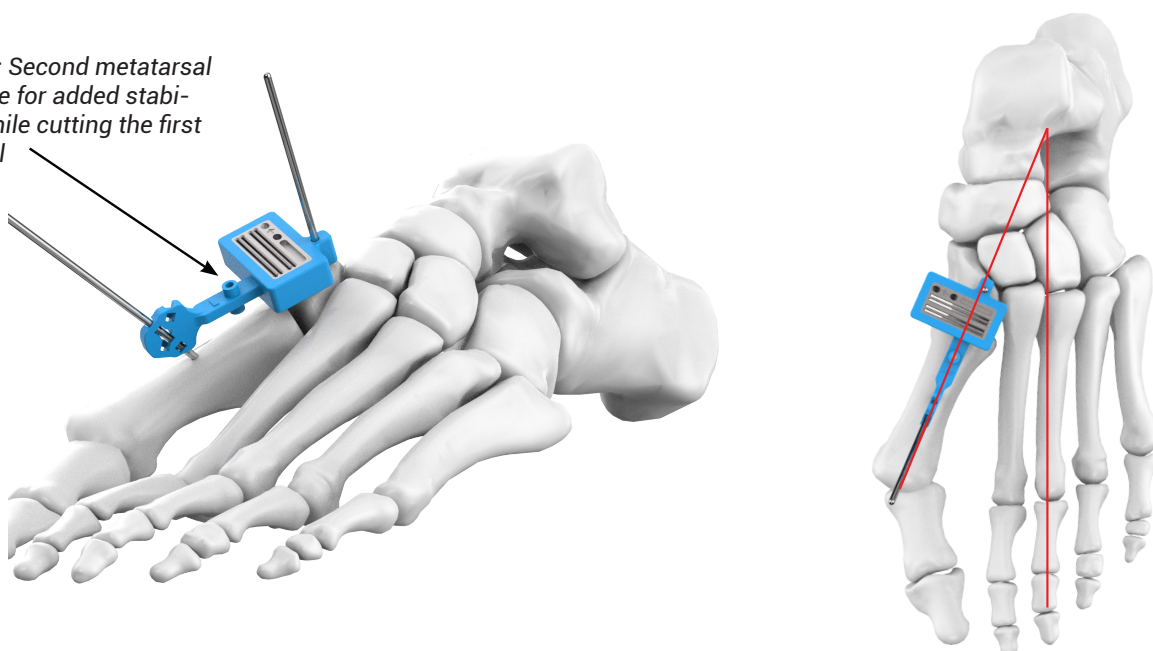
2. Before placing a 2 mm K-wire, loosely place the K-wire into the Pin Guide and observe the angle of the K-wire to be both parallel to TMT joint and in the middle of the long axis of the medial cuneiform. The K-wire will generally be placed dorsal-lateral to plantar medial. Adjust as necessary and place K-wire through the Pin Guide and into the bone. An X-ray can be taken from the medial aspect of the foot to ensure the K-wire is parallel relative to the joint space. Once positioning is confirmed, the Pin Guide may be removed.



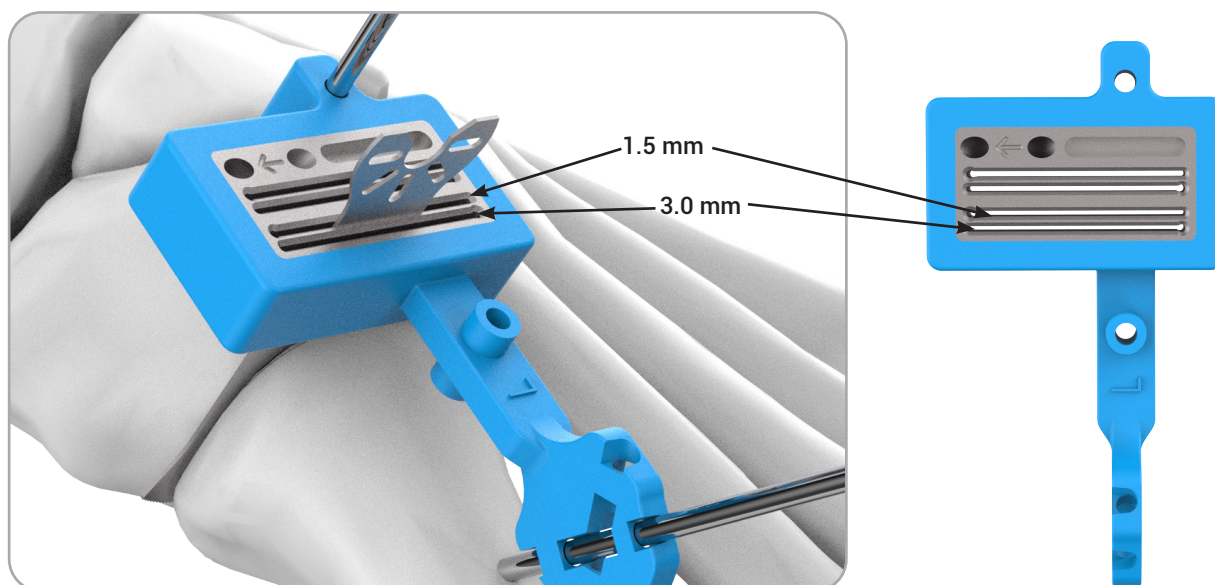
# Surgical Technique - Proximal Metatarsal

3. If performing the cut on the left foot, ensure that the molded "L" is dorsal. If performing the cut on the right foot, ensure the molded "R" is dorsal. All instructions for the technique will remain the same for each side. Remove the Pin Guide, leaving the K-wire in the medial cuneiform. Place the top most proximal hole of the Lapidus Cut Guide over the K-wire. Align stem of Cut Guide with axis of first metatarsal and secure with a K-wire in the most distal hole of the Cut Guide\*.

*\* Optional: Second metatarsal K-wire hole for added stabilization while cutting the first metatarsal*

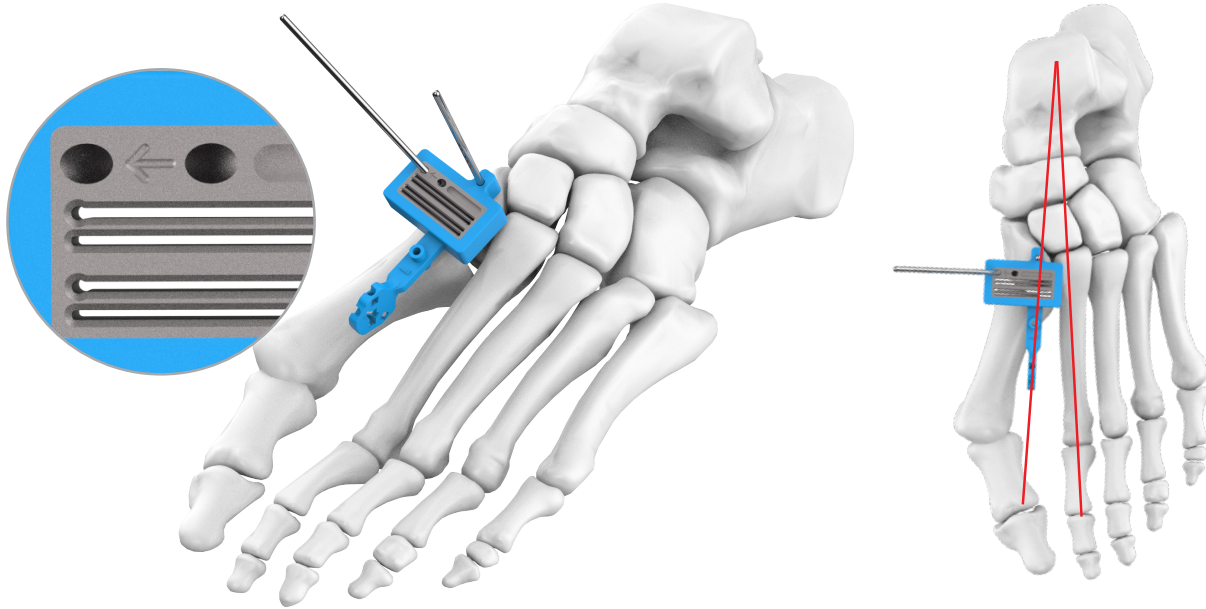


4. Once the Cut Guide is in place the distal cutting slot can be used to prepare the proximal metatarsal. Begin the cut using the 1.5 mm distal cutting slot and then move to the 3.0 mm distal cutting slot if more resection is necessary. The Lapidus Cut Guide allows, at surgeon discretion, the option to cut only the cuneiform side of the joint to minimize shortening. However, if cutting both sides of the joint, always cut the metatarsal side first.

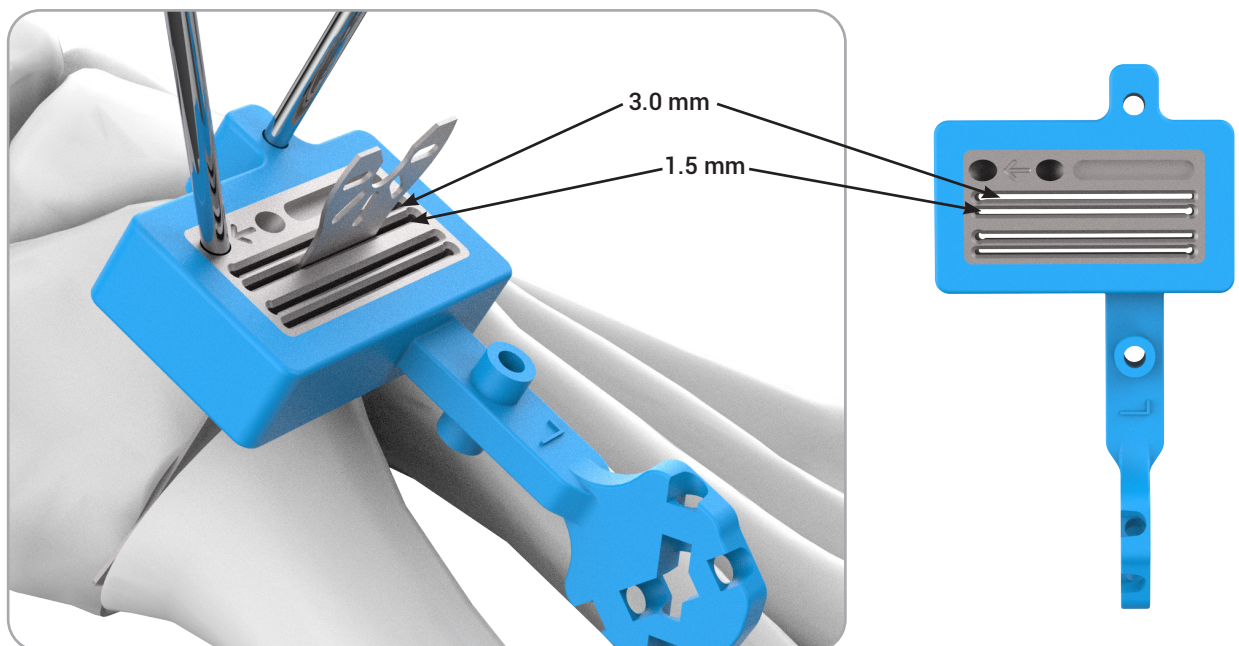


# Surgical Technique - Cuneiform Cut

5. Once the first metatarsal has been cut, remove the distal K-wire and rotate the Cut Guide to the desired IM angle of the metatarsal. Once the desired angle of correction has been decided, insert a K-wire into the medial hole of the Cut Guide indicated by an "arrow" to lock the Cut Guide into place.



6. Once the stabilizing K-wire is in place, the proximal cutting slot can be used to prepare the cuneiform. Begin the cut using the 1.5 mm proximal cutting slot and then move to the 3.0 mm proximal cutting slot if more resection is necessary.



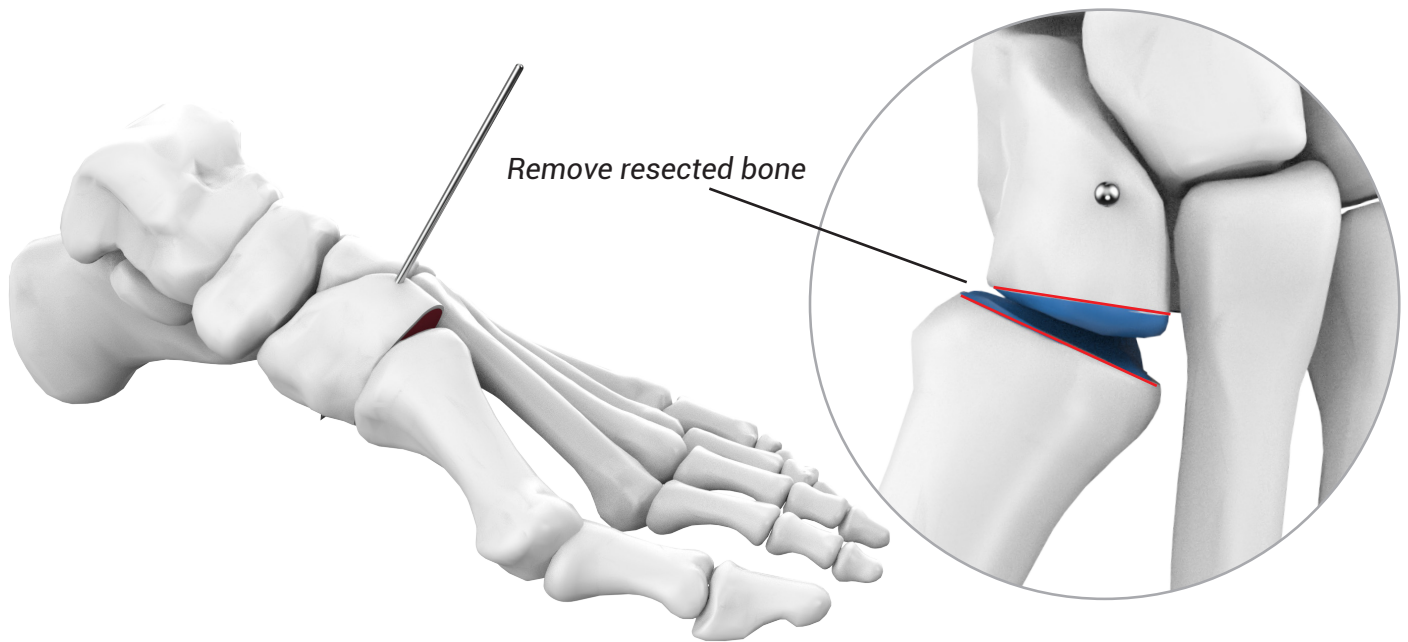
*Note: 3.0 mm cut used based on 3D model anatomy.*



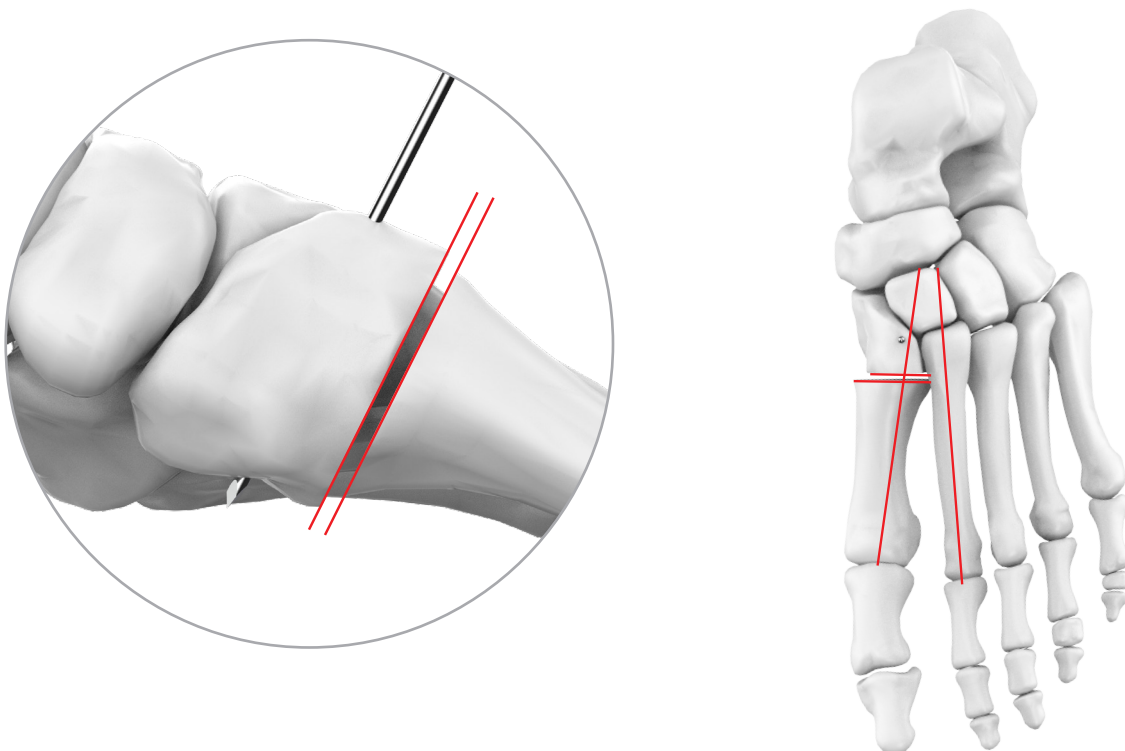
# Surgical Technique - Alignment

7. Remove the medial K-wire from the Cut Guide. Next, remove the Cut Guide and K-wire in the medial cuneiform. Finally, remove the sections of bone that have been resected from the metatarsal and cuneiform. (Indicated in blue in below illustration.)

NOTE: Depending on the length of the sawblade used, full resection of the bone may not occur. Once the Cut Guide has been removed, completion of the resection can be made by following the initial cuts.

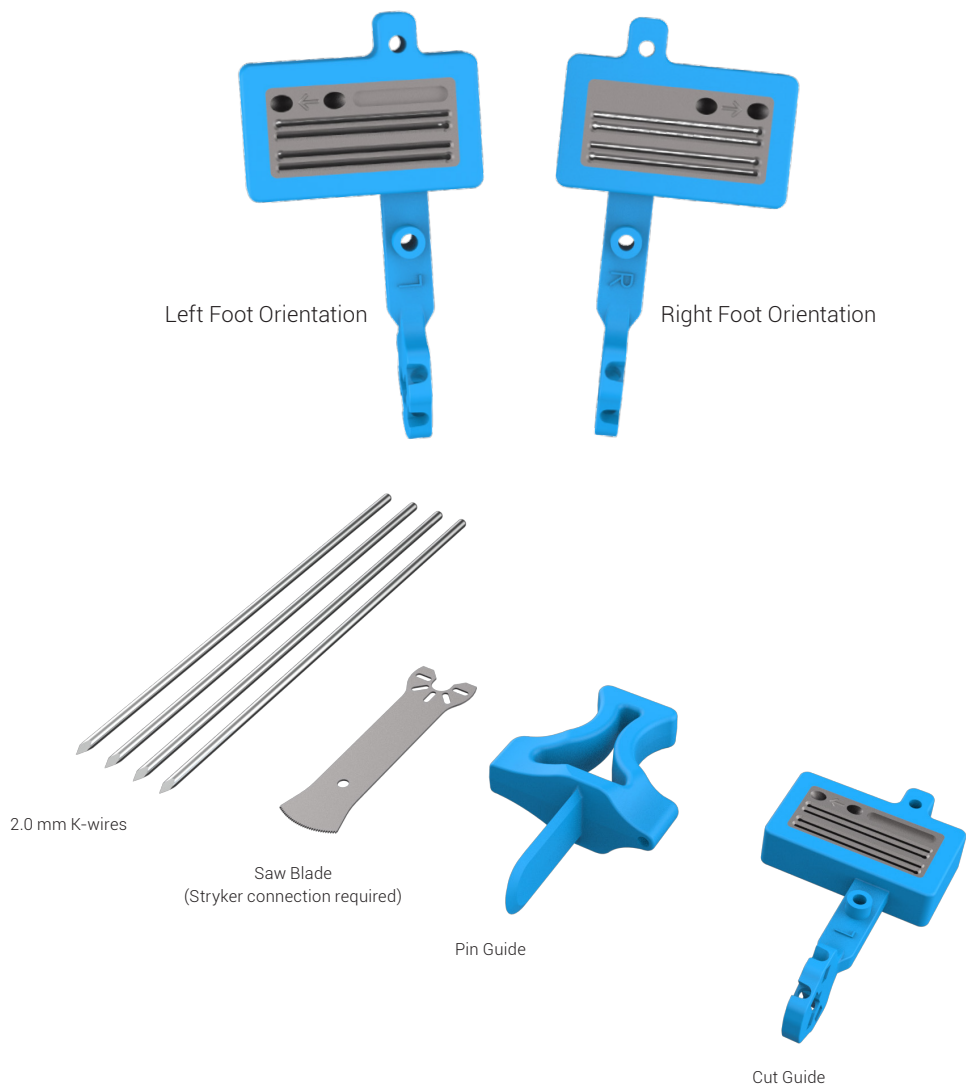


8. Once the first metatarsal is cleaned up and the cuneiform has been resected at the desired angle the metatarsal can be manipulated into place so that the two cut surfaces are aligned.



# Lapidus Cut Guide

The Lapidus Cut Guide from Medartis, Inc. can be used for both right and left foot procedures. If performing the cut on the left foot, ensure that the molded "L" is dorsal. If performing the cut on the right foot, ensure the molded "R" is dorsal. All instructions for the technique will remain the same for each side.



Part No.	Description
LCGKIT	Lapidus Cut Guide Disposable Set

This material is intended for health care professionals. Distribution to any other recipient is prohibited. For product information, including indications, contraindications, warnings, precautions, potential adverse effects and patient counseling information, visit [nsinc-ifu.com](http://nsinc-ifu.com). Check for country product clearances and reference product-specific instructions for use.

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 questions, 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.

For US only: Federal law restricts this device to sale by or on the order of a physician.

The Lapidus Cut Guide is manufactured using Stainless Steel.

©2022 Medartis, Inc.

LIT-1587 Rev.03

 Legal Manufacturer:

Nextremity Solutions, Inc.  
1195 Polk Drive  
Warsaw, IN 46582 U.S.A.  
(732) 383-7901  
[medartisusa.com](http://medartisusa.com)