

Lapidus Hook Plate™

ASET™ Foot Plating System

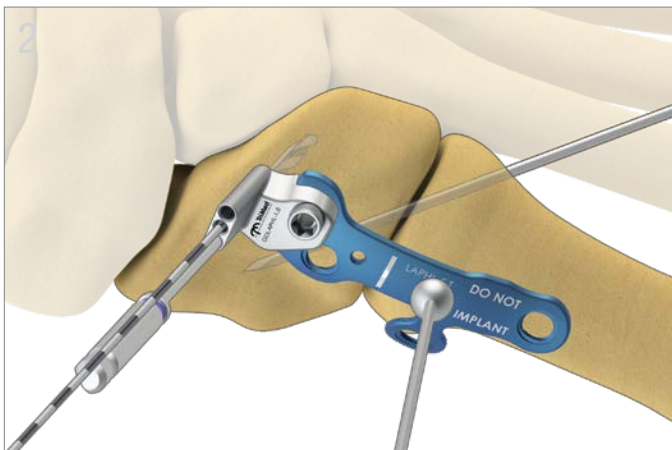




Joint Preparation and Plate Positioning

- Prepare articular surfaces and secure the joint in an anatomical position using K-wires.
- Assemble appropriate Lapidus Hook Plate Template with the Lapidus Hook Plate Drill Guide.
- Utilizing a bending rod, position template on the reduced bones with laser mark over the joint. The template and plantar metatarsal tab may be contoured to fit anatomy.¹

¹ Plantar metatarsal tab may be: 1) contoured for a transverse screw placement across the 1st metatarsal, or 2) twisted proximally for a screw placement across the 1st TMT joint.



Preparation for Hooks

- To secure the assembly to the bones, insert a 1.1mm K-wire in the middle hole of the drill guide and an olive wire or plate tack at the distal end of the template.
- To estimate hook position, verify placement of the 1.1mm K-wire under fluoroscopy.
- Drill the two outer holes at the proximal end of the guide with a 1.8mm drill (blue).
- Remove olive wire or plate tack on the distal end and slide the guide off the 1.1mm K-wire.

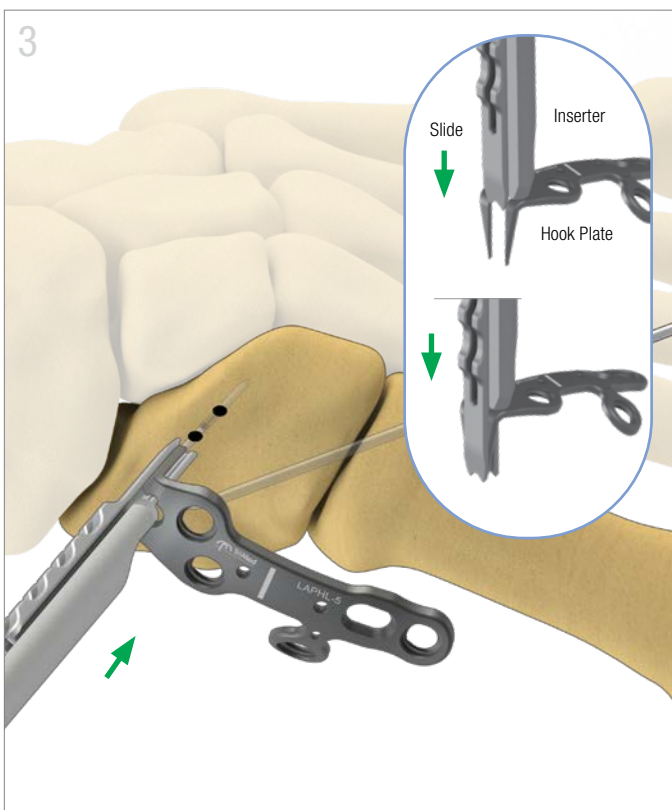


Plate Application on Medial Cuneiform

- Using plate benders or bending rods, contour plate to match the template.
- Assemble a Lapidus Hook Plate onto the Hook Plate Inserter.
- Insert the hooks into the prepared holes by sliding the assembly over the 1.1mm K-wire. **Note:** The inserter is cannulated to fit over the 1.1mm K-wire.
- If necessary, impact lightly to seat hooks into holes and plate flush onto the bone.
- Remove the Hook Plate Inserter.
- Prepare holes for screws.² For locking screws, utilize the standard or variable angle locking drill guides. For non-locking cortical screws, use the standard drill guide.³
- Place and tighten appropriately sized screws.

² **Warning:** Irrigation is recommended during drilling.

³ **Warning:** A screw placement at an angle exceeding 15° for locking and non-locking screws is NOT recommended.

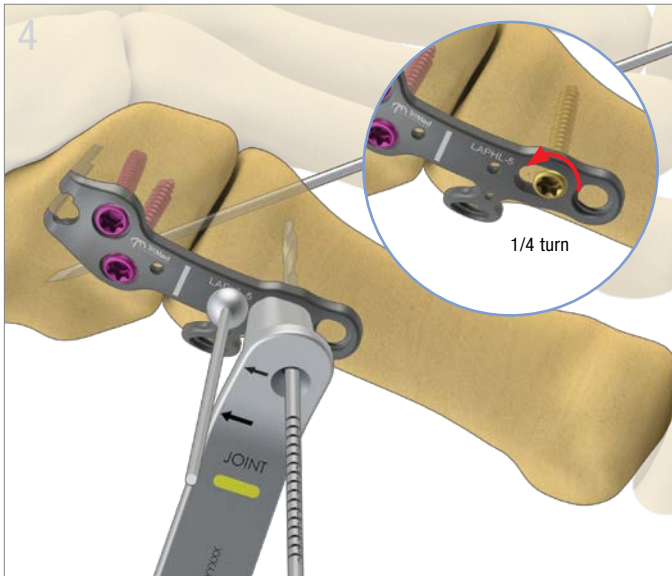
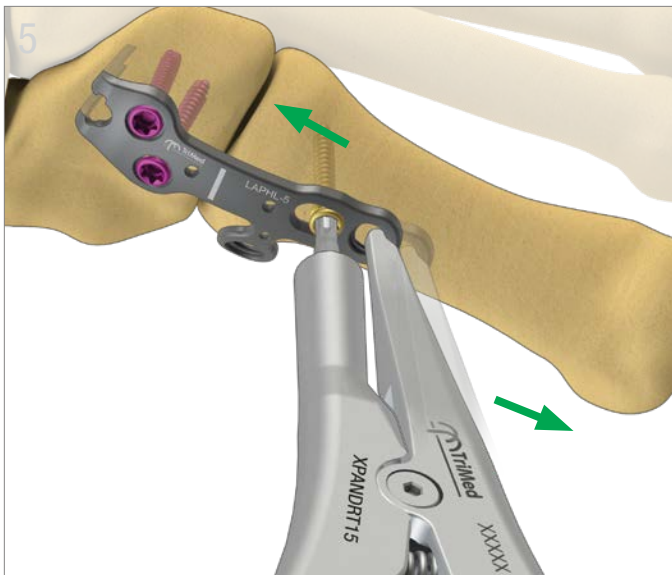


Plate Application on 1st Metatarsal

- Position oblong drill guide in the slotted hole with the laser marked arrows pointing toward the joint.
- Drill a pilot hole for a bicortical **2.7mm or 3.5mm** non-locking screw.⁴
- Place and tighten an appropriately sized non-locking screw. Loosen the non-locking screw a **1/4** of a turn to allow the plate to slide underneath the screw head freely.
- Remove all K-Wires, olive wires, and plate tacks.

⁴ **Warning:** Do not use a **4.0mm** non-locking screw in the slotted hole.

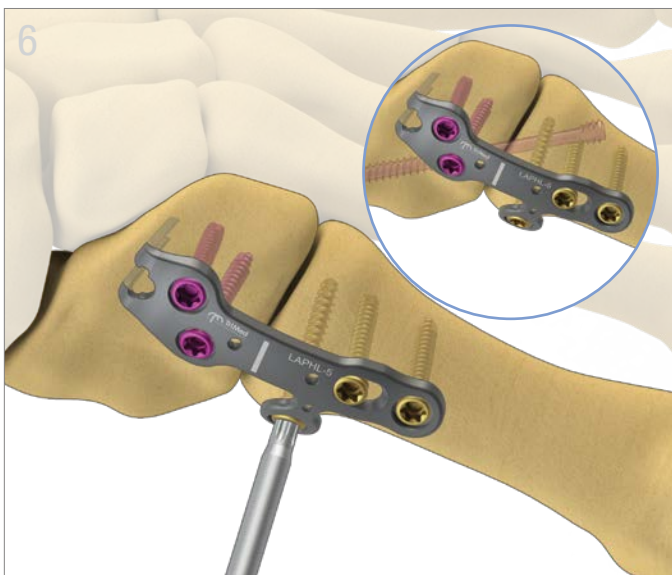


Surgeon-Controlled Compression

- Engage the driver tip of the Expander/Compression Tool with the socket of the screw in the slotted hole and the hook into the adjacent hole away from the joint.
- Gently squeeze the tool to apply the desired compression with one hand.⁵ Control the driver's position in the screw head socket with the other hand to avoid slippage of the driver from the screw head socket.
- Tighten the non-locking screw.⁶

⁵ **Note:** Maximum screw travel in the slotted hole is 2.5mm.

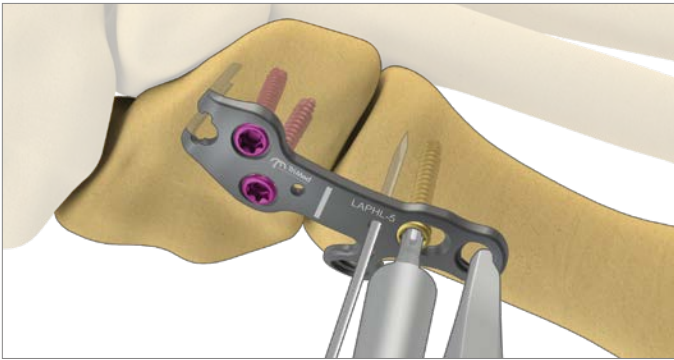
⁶ See **TIPS** for securing compression, if needed.



Final Fixation







- Insert remaining screws for final fixation.
- An additional lag/compression screw can be placed from dorsal distal to plantar proximal, across the 1st TMT joint for additional stability.
- Surgical closure should be performed per the surgeon's preferred technique.

TIPS



To Secure Compression Temporarily

Prior to releasing the Expander/Compression Tool from the compressed position, insert a K-wire or olive wire, if needed.

Screw Table						
	TRXC2.7-XX T	TRXV2.7-XX T	TRXC3.5-XX T	TRXV3.5-XX T	TRXC4.0-XX T	TRXV4.0-XX T
Length	08-40mm *	08-40mm *	08-50mm * 50-60mm **	08-50mm * 50-60mm **	08-50mm * 50-60mm **	08-50mm * 50-60mm **
Drill	● 2.0mm (2.7mm Overdrill)	● 2.0mm	● 2.3mm (3.5mm Overdrill)	● 2.3mm	● 2.7mm (4.0mm Overdrill)	● 2.7mm
Guide	GUIDEFPS-2.0/2.7	GUIDLFPS-2.0 GUIDEVAL-2.0	GUIDEFPS-2.3/3.5	GUIDLFPS-2.3 GUIDEVAL-2.3	GUIDEFPS-2.7/4.0	GUIDLFPS-2.7 GUIDEVAL-2.7
Driver	T15	T15	T15	T15	T15	T15

* 2mm increments ** 5mm increments

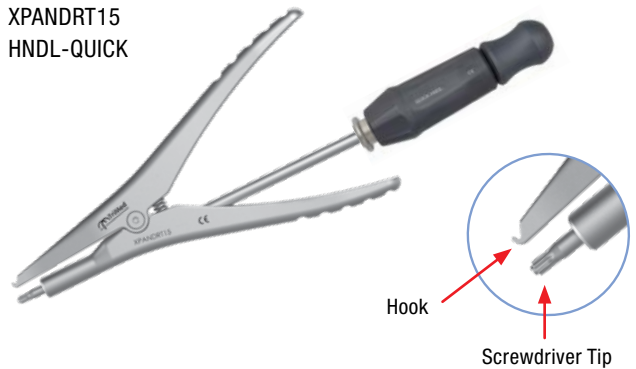
Lapidus Hook Plate™

LAPHL-5
LAPHR-5



Expander / Compression Tool

DVTX-15/180 AO
XPANDRT15
HNDL-QUICK



TriMed, Inc. / 27533 Avenue Hopkins / Valencia, CA 91355 USA / 800-633-7221 / www.trimedortho.com

The technique presented is one suggested surgical technique. The decision to use a specific implant and the surgical technique must be based on sound medical judgment by the surgeon that takes into consideration factors such as the circumstances and configuration of the injury.

This document is controlled by TriMed, Inc. When downloaded, printed, and/or copied, this document becomes uncontrolled, and users should always check trimedortho.com for the latest version.

For indications, contraindications, warnings and precautions related to TriMed ASET Foot Plating System reference IFU on trimedortho.com/ifu.

See trimedortho.com/patents for all patent information.