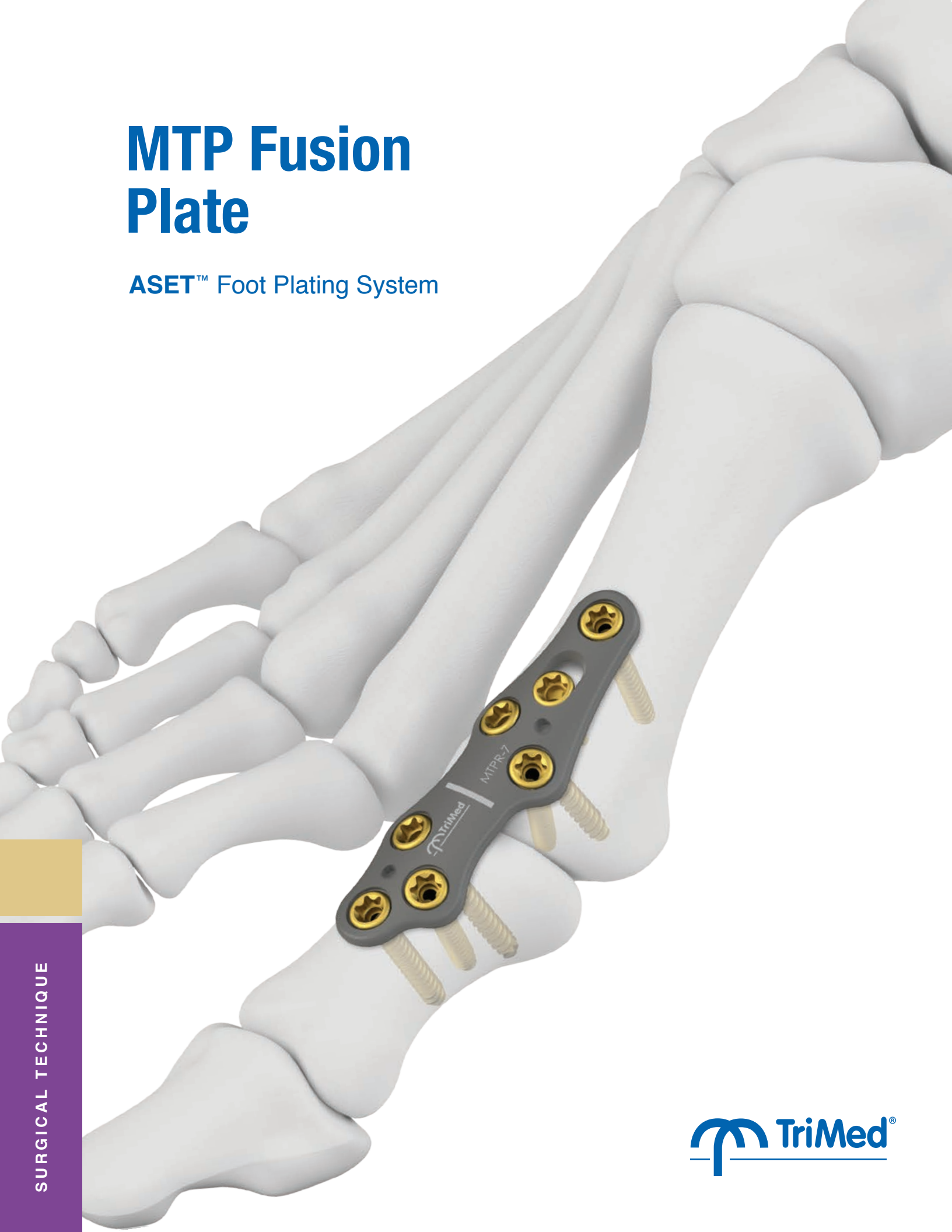
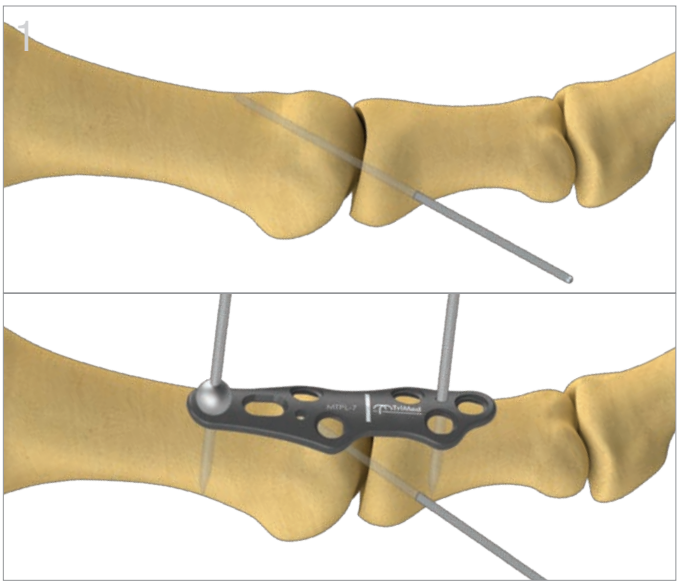
MTP Fusion Plate

ASET™ Foot Plating System



SURGICAL TECHNIQUE

TriMed®



Joint Preparation and Plate Positioning

- Prepare articular surfaces using preferred technique and secure the joint using K-wires in a location that will not interfere with plate application.
- Position an appropriately sized plate with the laser marking over the joint. Contour plate with bending tools for an improved fit, as needed.
- Secure the plate temporarily to the bones using K-wires, olive wires, or plate tacks.

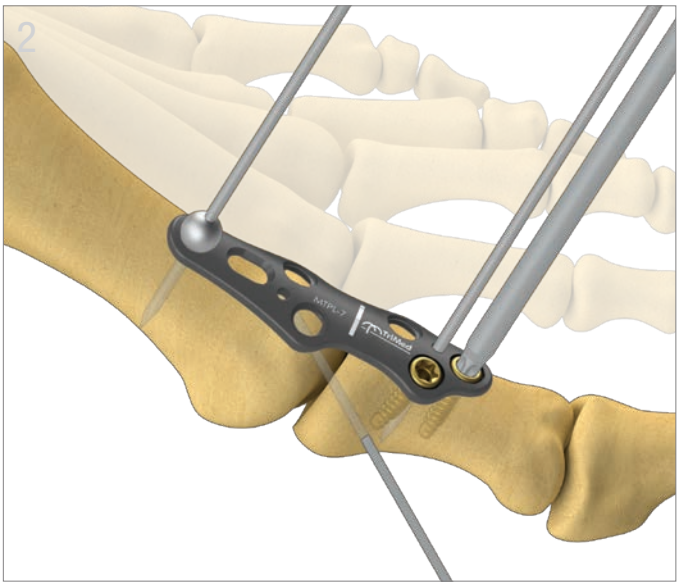


Plate Application on Proximal Phalanx

- Prepare holes for screws in proximal phalanx.[1] For locking screws, use standard locking or variable angle locking guides. For non-locking cortical screws, use standard drill guides.[2]
- Place and tighten appropriately sized screws in proximal phalanx.

Note: The revision plates are thicker, longer and offered with more holes proximally to avoid previous screw placement.

[1] **Warning**: Irrigation is recommended during drilling.
[2] **Warning**: A screw placement at an angle exceeding 15° for locking and non-locking screws is NOT recommended.

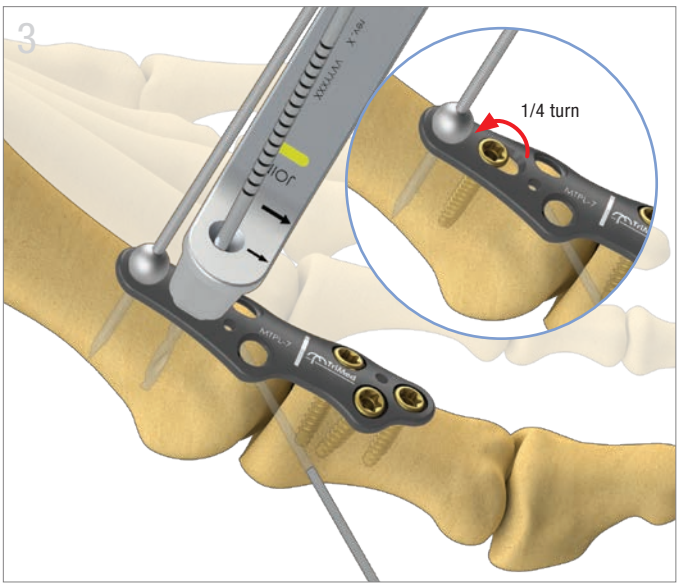
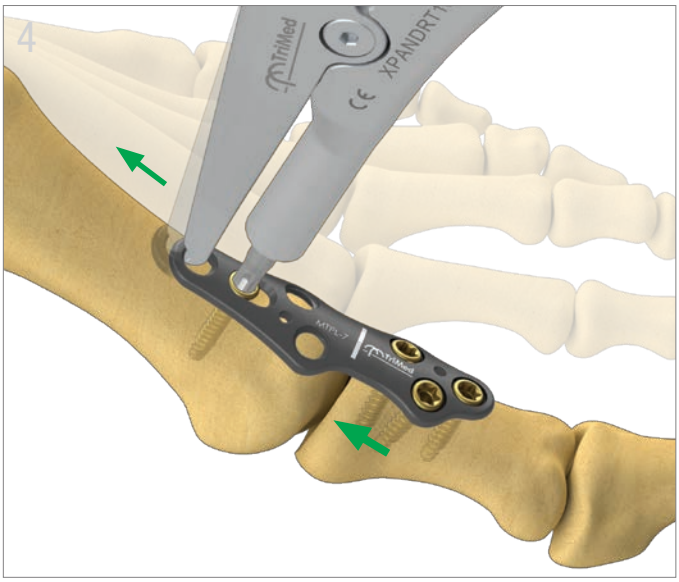


Plate Application on 1st Metatarsal

- 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.[3]
- Place and tighten (finger tight) 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.
- Remove all K-Wires, olive wires, and plate tacks.

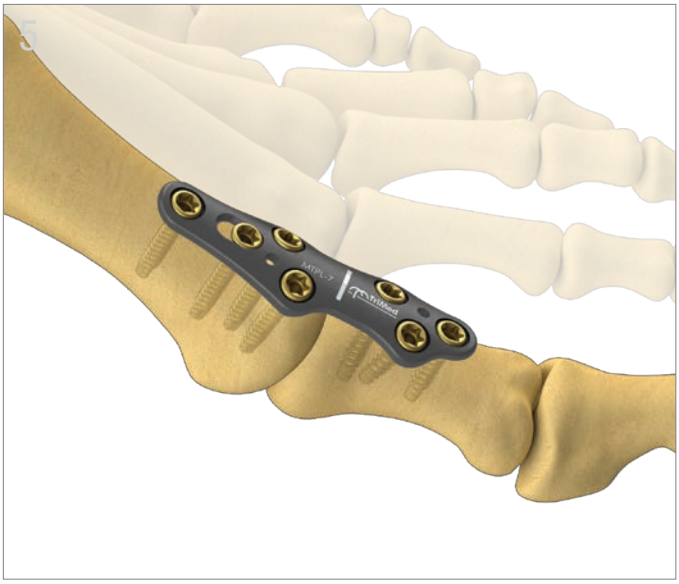
[3] **Warning**: Do not use a 4.0mm non-locking screw in the slotted hole.



Surgeon-Controlled Compression

- Engage the driver tip of the Expander/Compression Tool into the head of the screw in the slotted hole; engage the hook into the adjacent hole, away from the joint.
- Gently squeeze the tool to apply compression with one hand, taking care to maintain downward pressure on the driver tip with the other to avoid slippage.[4]
- Secure by tightening the non-locking screw.[5]

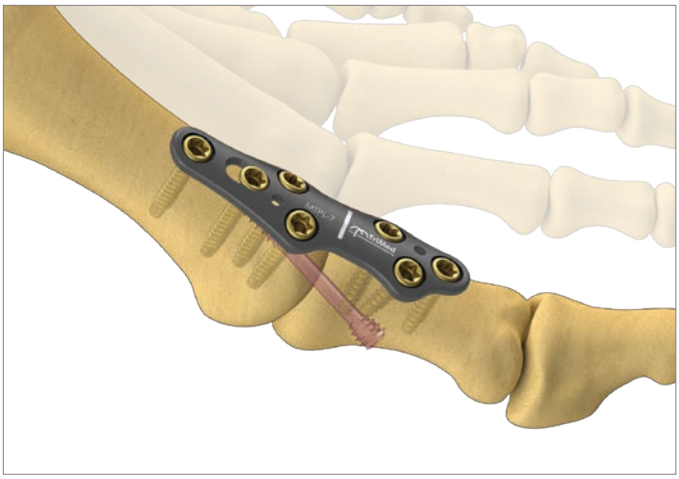
[4] **Note:** Maximum screw travel in the slotted hole is 2.5mm. To achieve additional compression, see alternative technique below.
[5] See **TIPS** for securing compression, if needed.



Final Fixation

- Insert additional locking or non-locking screws for final fixation.
- On the 1st metatarsal, unicortical placement of screws in the most distal screw holes can help reduce the risk of sesamoid irritation.

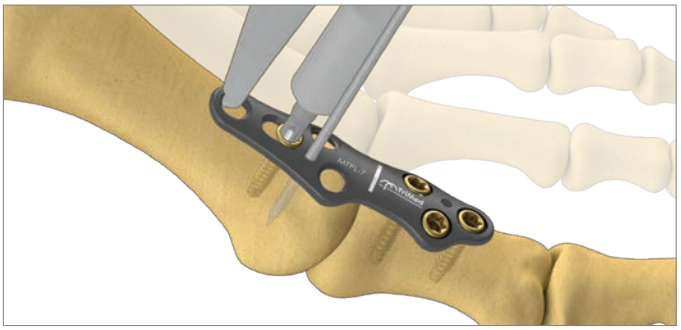
STEP 6 - ALTERNATIVE TECHNIQUE



Lag/Compression Screw Placement

A compression screw (from TriMed Small Headless/Headed Screw System) or a non-locking screw can be placed obliquely from distal medial to proximal lateral across the joint to provide additional stability after applying compression.

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

	 Cortical Screw, 2.7mm	 VA Locking Screw, 2.7mm	 Cortical Screw, 3.5mm	 VA Locking Screw, 3.5mm	 Cortical Screw, 4.0mm	 VA Locking Screw, 4.0mm
	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	GUIDELFPS-2.0 GUIDEVAL-2.0	GUIDEFPS-2.3/3.5	GUIDELFPS-2.3 GUIDEVAL-2.3	GUIDEFPS-2.7/4.0	GUIDELFPS-2.7 GUIDEVAL-2.7
Driver	T 15	T 15	T 15	T 15	T 15	T 15

* 2mm increments ** 5mm increments

MTP Fusion Plate

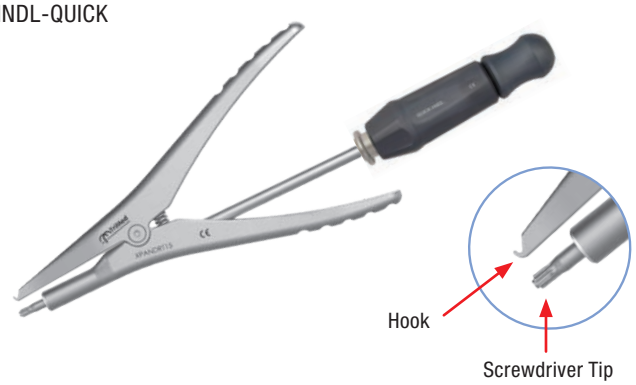
SHORT
MTPL-7S
MTPR-7S
MTP7.5L-7S
MTP7.5R-7S

STANDARD
MTPL-7
MTPR-7
MTP7.5L-7
MTP7.5R-7

REVISION
MTPL-9
MTPR-9

Expander / Compression Tool

DVTX-15/180 AO
XPANDRT15
HNDL-QUICK



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