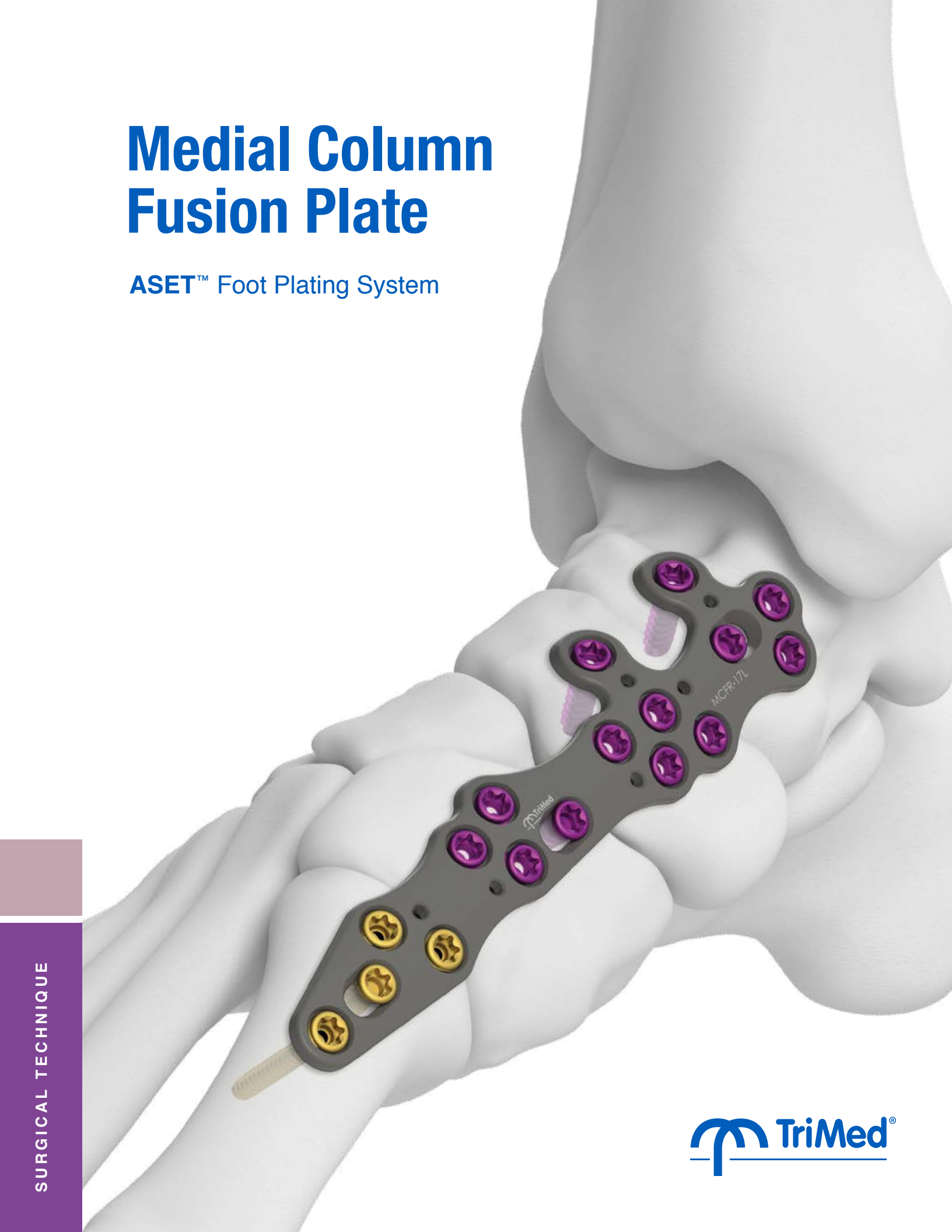
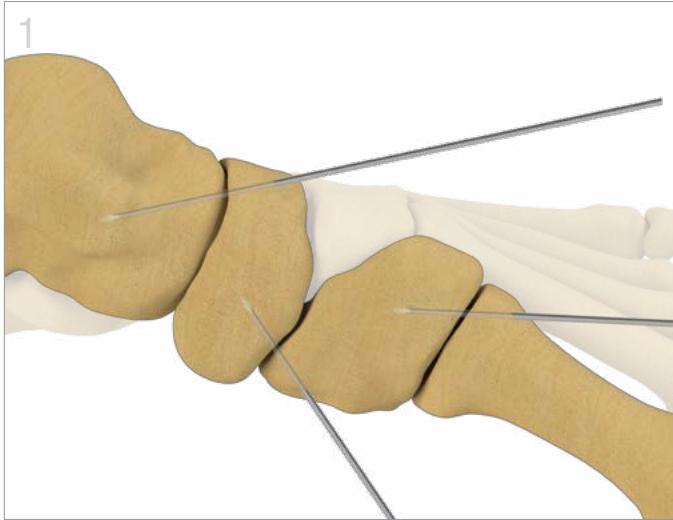


Medial Column Fusion Plate

ASET™ Foot Plating System





Incision and Joint Preparation

- Make a medial incision from the talus to the shaft of the 1st metatarsal, exercising care to avoid injury to tendon and neurovascular structures.
- Prepare the articular surfaces of the talonavicular (TN), naviculocuneiform (NC), and first tarsometatarsal (1st TMT) joints for fusion.
- Using 1.6mm K-Wires, align and secure the joints in the desired position.

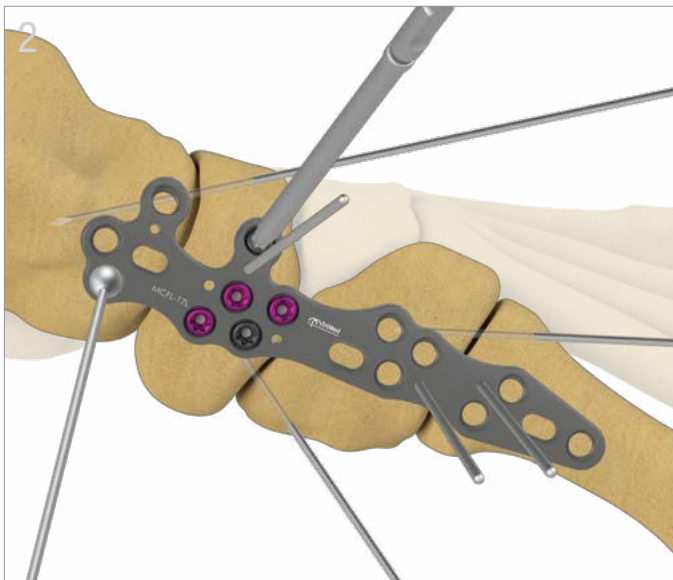
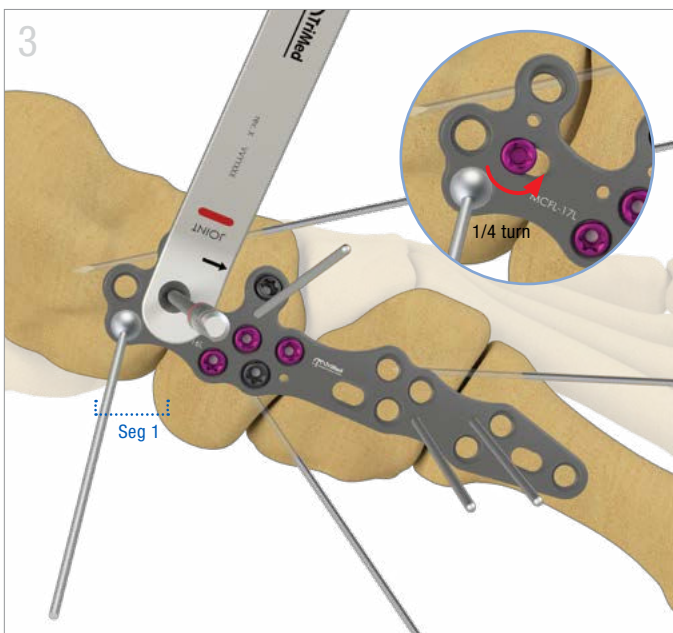


Plate Positioning and Application

- Select appropriately sized plate and position over the medial column of the foot.
- Contour the plate with bending tools, if needed.
- Provisionally secure the plate to the bones with 1.6mm K-wires and/or olive wires.
- Secure plate to the navicular with either locking screws, using standard or variable-angle locking guide or non-locking screws, using standard drill guide.¹

¹ **Warning:** Irrigation is recommended during drilling.

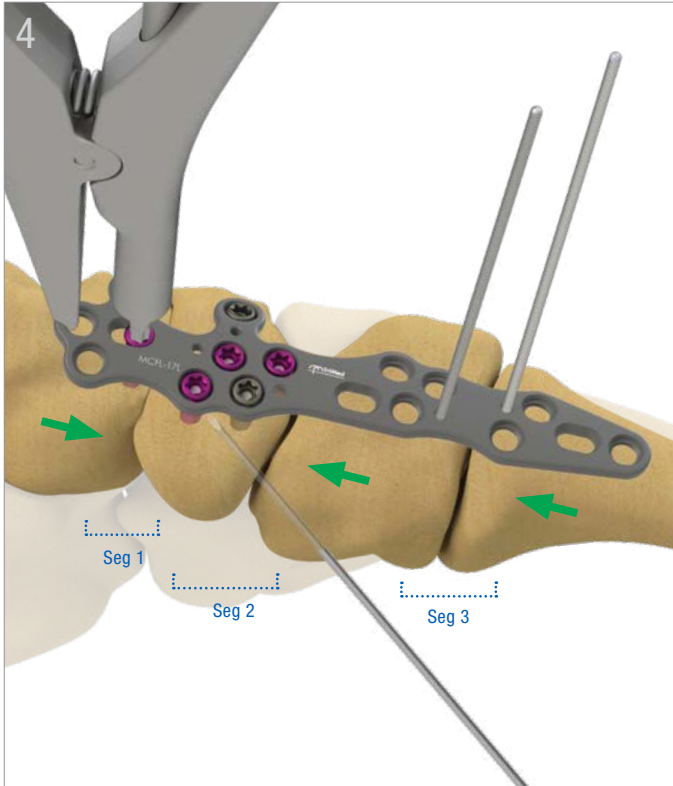
² **Warning:** A screw placement at an angle exceeding 15° for locking and non-locking screws is not recommended.



Initial Fixation

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

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

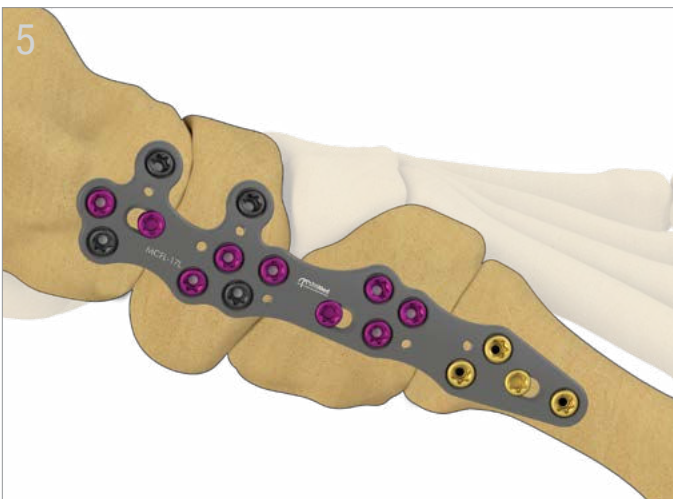


Surgeon-Controlled Compression by Segments(1, 2, and 3)

- Engage the driver tip of the Expander/Compression Tool into the head of the screw in the slotted hole. Engage the hook of the other arm into the adjacent hole opposite the TN joint.
- Gently squeeze the tool with one hand to apply the compression, taking care to maintain downward pressure on the driver tip with the other to avoid slippage.³
- Secure by tightening the non-locking screws.⁴
- Position the oblong frill guide with the laser marking arrow pointing toward the joint to be compressed.
- Compress in the shown sequence from NC joint (Segment 2) to 1st TMT joint (Segment 3).

³ **Note:** Maximum screw travel in the slotted hole is 2.5mm. Green arrows represent bone movement direction.

⁴ See **TIPS** for securing compression, if needed.



Final Fixation

- Insert additional locking and non-locking screws for final fixation.
- Check final screw placement and reduction with fluoroscopy.













TIPS



To Secure Compression Temporarily

Prior to releasing the Expander/Compression Tool from the compressed position, insert a 1.6mm K-wire or olive wire, if needed.

All implants made from surgical grade titanium

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	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	T15	T15	T15	T15	T15	T15

* 2mm increments ** 5mm increments

Medial Column Fusion Plate

2 Joint options:

MCFL-12
MCFR-12

LONG
MCFL-12L
MCFR-12L

3 Joint options:

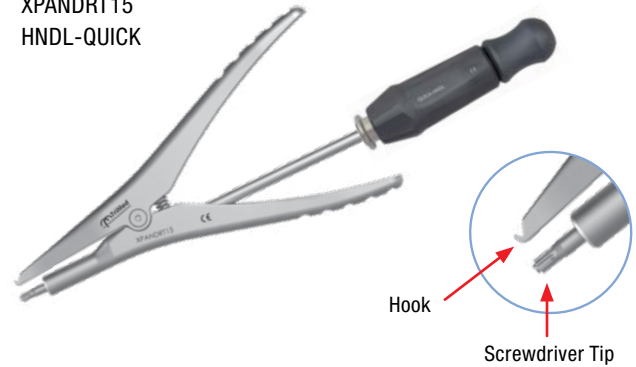
MCFL-17
MCFR-17

LONG
MCFL-17L
MCFR-17L



Expander / Compression Tool

DVTX-15/180 AO
XPANDRT15
HNDL-QUICK



Variable Angle Locking Guides

GUIDEVAL-2.0
GUIDEVAL-2.3
GUIDEVAL-2.7



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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.

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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.