

TRIAD

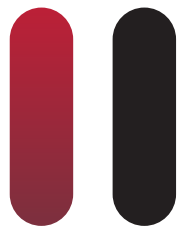
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TRIAD

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DYNEX® TRIAD DEDICATED FIXATION FOR TRANSVERSE TIBIAL TRANSPORT

DYNEX® TRIAD is a dedicated external fixation system for Tibial Cortex Transverse Transport (TTT). Based on published literature, TTT is a limb-preservation procedure that can promote wound healing in recalcitrant diabetic foot ulcers (DFU) and ischemic lower extremity wounds through induction of angiogenesis. Published outcomes from TTT procedures in recalcitrant diabetic foot ulcers report **wound healing rates of 92–96% at one-year follow-up**, with **amputation rates of 1.9–4.9%** — compared to a lifetime amputation rate of 15–20% in conventionally managed DFU.^{1,2,3}

DYNEX® TRIAD DESIGN BUILT FOR REPRODUCIBLE TRANSPORT

Bone Transport, Simplified.

- Pre-assembled fixator designed for quick fixation.
- MIS Corticotomy Guide for fast, reproducible results and minimal soft tissue envelope disruption.

Versatile Fixation Options

- Designed for use with 4.5mm or 6.0mm half pins options accommodate a variety of patient anatomies.
 - 25mm–55mm Thread Lengths
- Transport pins offered in 80mm and 130mm Lengths.



DYNEX® TRIAD HIGHLIGHTS PRECISION, ADVISABILITY & INTEGRATION



Integrated with DYNEX®

TRIAD can be used as a standalone device or in conjunction with the DYNEX® External Fixation system, half pins, rings, and accessories, for increased stability during transport.



Progress Scale & Movement

TRIAD features a total running distance of 10mm. Movement progress is indicated by the integrated scale along the front of the fixator. Movement is shown from 0–10mm in 1mm increments for precise progress readings.



Indicator Dice

Adjustment Knob rotates both clockwise for distraction and counter-clockwise for compression. Each quarter turn results in 0.25mm adjustments, and features indicator dice to confirm the adjustment. 1.0mm of adjustment is possible per full revolution.

¹ Chen Y, et al. Effect of tibial cortex transverse transport in patients with recalcitrant diabetic foot ulcers: a prospective multicenter cohort study. J Orthop Translat. 2022;36:194–204.

² Yuan Y, et al. Tibial cortex transverse transport accelerates wound healing via enhanced angiogenesis and immunomodulation. Bone Joint Res. 2022;11(4):189–199.

³ Efficacy of tibial cortex transverse transport in treating diabetic foot ulcer. Diabetol Metab Syndr. 2024;16:160.