

Pangea™

Distal Anterolateral Tibia Plate

Design rationale



Pangea Distal Anterolateral Tibia Plate

Design rationale

stryker

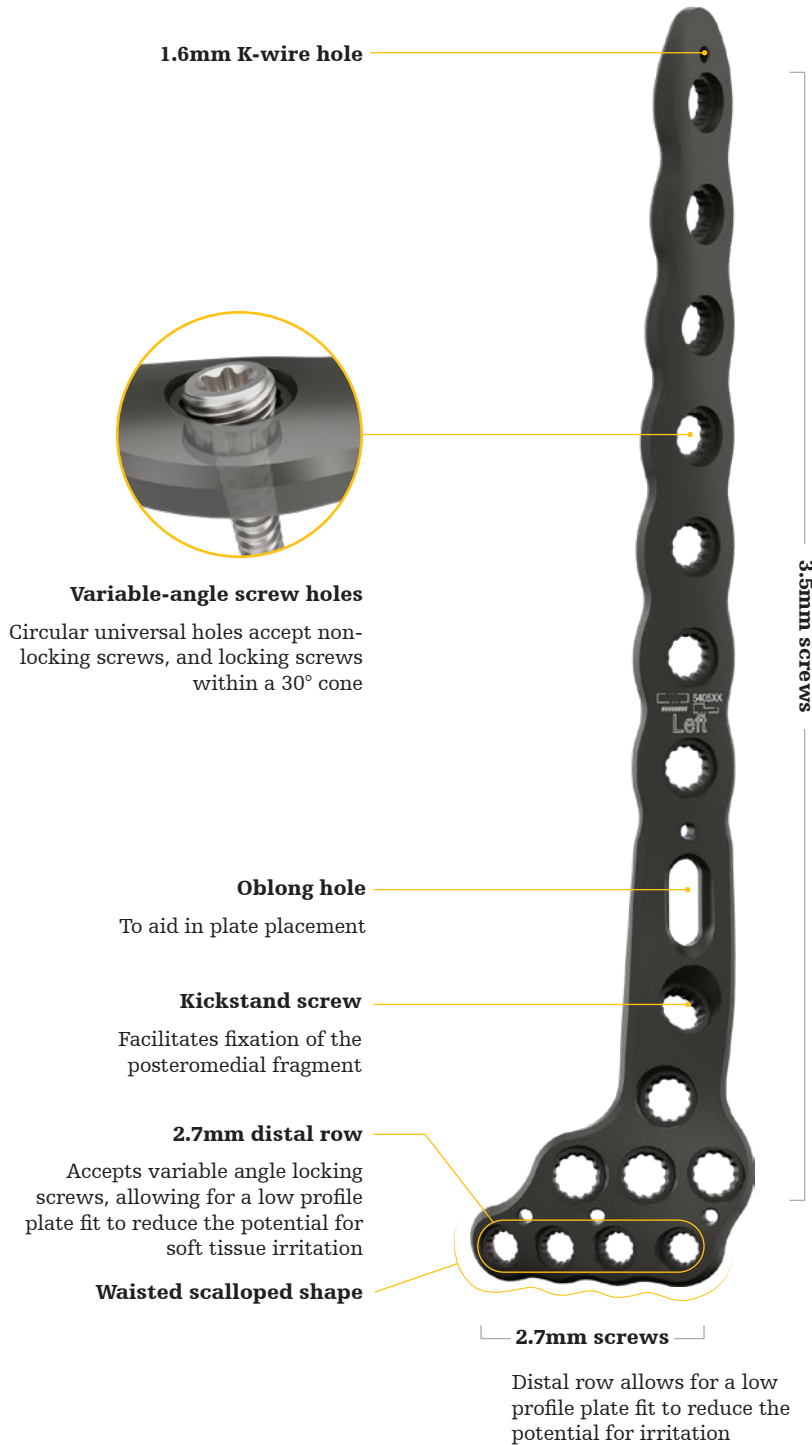


Plate placement



- This plate is placed on the anterolateral surface of the distal tibia
- Proper position is achieved when the distal end of the plate is adjacent to the articular surface, allowing for the distal screws to support the plafond

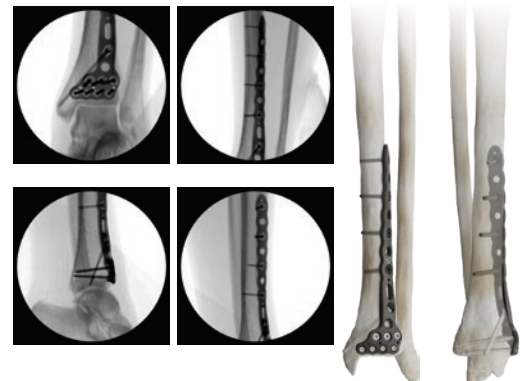


Image from Pangea Operative Technique¹

Pangea Distal Anterolateral Tibia Plate

Design rationale



Fit

- Curvature of the Distal Anterolateral Tibia plates allow screw placement immediately proximal to the joint line for rafting while reducing the potential for soft tissue irritation
- Shaft is anatomically curved proximally to the joint line for support distally, and designed to allow for a more centered placement of the distal screw cluster.
- Designed with the use of SOMA: Stryker Orthopedics Modeling and Analytics.
- The Distal Anterolateral Tibia Plate provides better anatomic fit compared to competitive VA LCP distal anterolateral plates²

Technical specifications

- Standard plate lengths: 3-18 hole (91-301mm)
- Thickness: Shaft, 3.3mm, Distal 2.9mm
- Left and right anatomic plate options
- **Drill bits for T8:**
Ø2.0mm x 135mm (542000(S))
Ø2.0mm x 175mm (542001(S))
- **Drill bits for T15:**
Ø2.5mm x 135mm (542020)
Ø2.5mm x 215mm (542021)

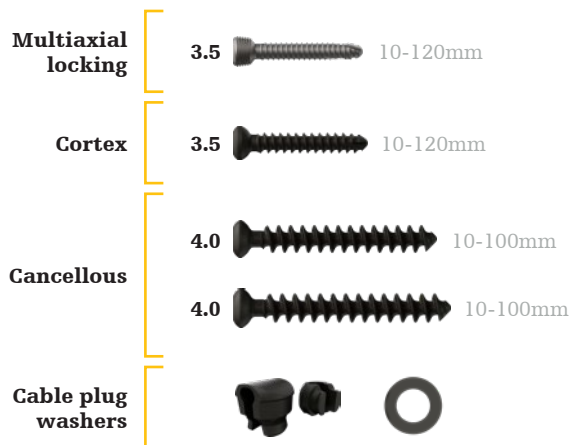


Kickstand screw

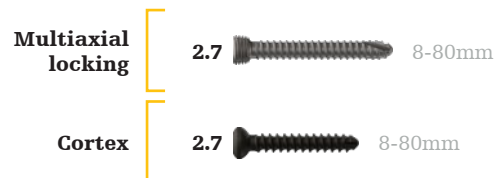
Kickstand screw with a predetermined angle designed to assist with the fixation of the posteromedial fragment. Variable angle option of the kickstand screw allows further reach for the fixation of medial malleolus fragments.

Screw platform

T15 screw platform



T8 screw platform



References:

1. Pangea Distal Tibia Plating Operative Technique. PGA-ST-5, 03-2023
2. Internal Report № D0000262573, Rev AA, Selzach, Switzerland

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