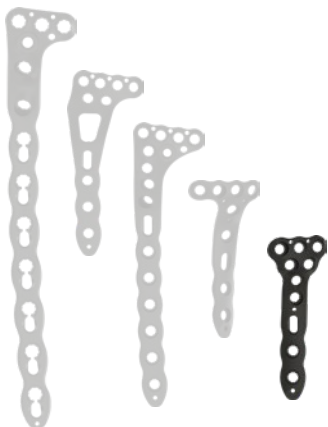


Pangea™

Proximal Medial Tibia Plates

Design rationale



Pangea Proximal Medial Tibia Plates

Design rationale

stryker

Triangular head shape
Proximal surface allows for a buttressing surface and 7 screw hole options for proximal fixation



Variable-angle screw holes
Circular holes that accommodate screws are universal, accepting non-locking screws and locking screws within a 30° cone

2.0mm K-wire hole
To provide temporary fixation



3.5mm locking screws

Plate placement



- This plate is designed for proximal tibial fractures requiring plate fixation on the medial side
- This plate is designed to be placed straight medial, but allows some anterior and posterior positioning flexibility
- Suggested for use as a single implant for medial fractures, or a supplemental medial fixation in bicondylar fractures

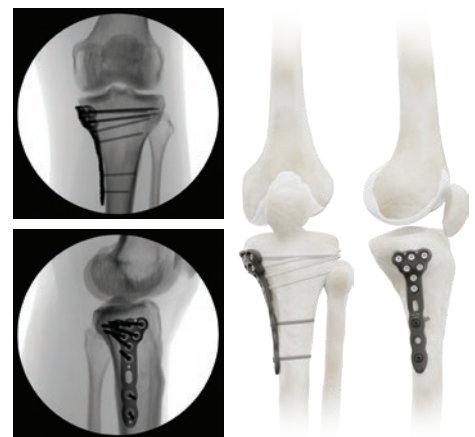


Image from Pangea Operative Technique¹

Pangea Proximal Medial Tibia Plates

Design rationale



Fit

- Proximal Medial Tibia Plate is designed for partial articular medial plateau fractures and used for adjunctive fixation of medial plateau fragments in bicondylar fractures.
- Designed with the use of SOMA: Stryker Orthopedics Modeling and Analytics.²
- SOMA analysis shows the Proximal Medial Tibia plates fits closer to bone compared to Synthes LCP medial tibial plates.³

Technical specifications

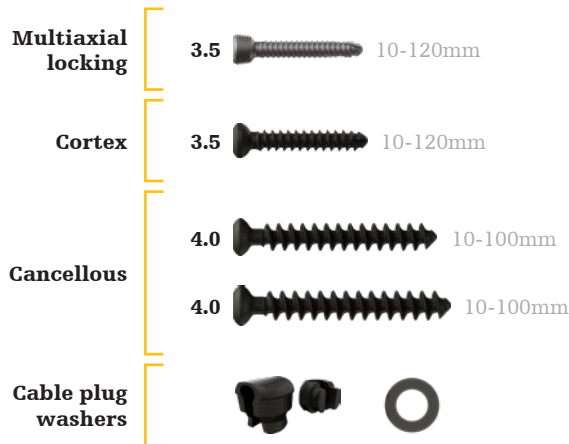
- Standard plate lengths: 4-22 holes (72-324mm)
- Thickness: 3.3mm
- Left and right anatomic plate options
- **Drill bits:**
 - Ø2.5mm x 135mm (542020)
 - Ø2.5mm x 215mm (542021)



Variable angle trajectory

Variable angle trajectories of the proximal screw cluster in a 30° cone can potentially avoid screw collision.

Screw platform



Predetermined trajectory

Screws in the predetermined trajectory.

References:

1. Pangea Tibia Plating Operative Technique. PGA-ST-4, 03-2023
2. Schmidt W, LiArno S, et al. Stryker Orthopaedic Modeling and Analytics (SOMA): A Review. Surg Technol Int. 2018;32:315-324.
3. Internal Report № D0000262573, Rev AA, Selzach, Switzerland

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Manufacturer:

Stryker GmbH
Bohnackerweg 1
2545 Selzach, Switzerland

stryker.com