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Pangea

Proximal Posteromedial Tibia Plate

Design rationale



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Design rationale

Posterolateral extension

Asymmetric plate shape designed to support posterior buttressing by extending the plate more laterally

Posteromedial extension hole

Allows buttress effect while facilitating lateral capture of the medial fragment

Proximal rafting screws

Designed with variable angle locking technology which allows improved placement in conjunction with lateral based implant

Oblong hole

To aid in plate placement



Variable-angle screw holes

Circular universal holes accept nonlocking screws, and locking screws within a 30° cone

2.0mm K-wire hole

Plate placement



- This plate is designed to be used for a medial coronal shear fracture of a Schatzker VI
- Plate position as well as screw options facilitate the use with Pangea proximal lateral tibia plates.
- This plate sits on the posterior medial side and wraps around posteriorly



3.5mm locking screws





Image from Pangea Operative Technique¹

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Design rationale

Fit

- Proximal Posteromedial Tibia Plate is designed to address both partial articular medial plateau fractures as well as support medial fracture fragments associated with bicondylar fractures
- The posterorlateral extension is designed to support more lateral posterior buttressing
- Designed with the use of SOMA: Stryker Orthopedics Modeling and Analytics.
- The Pangea Proximal Posteromedial Tibia Plates provide better anatomic fit compared to competitive Synthes LCP Medial Proximal Tibia Plates²

Technical specifications

• Standard plate lengths: 4-12 hole (68-180mm)

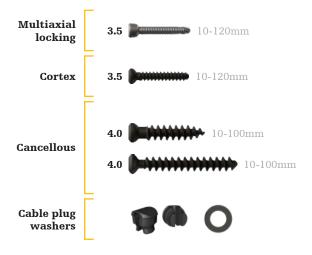
• Thickness: 3.0mm

· Left and right anatomic plate options

• Drill bits:

Ø2.5mm x 135mm (542020) Ø2.5mm x 215mm (542021)

Screw platform



References:

- 1. Pangea Tibia Plating Operative Technique. PGA-ST-4, 03-2023
- 2. Internal Report ${\rm N}\!\!^{_{0}}$ D0000262573, Rev AA, Selzach, Switzerland

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