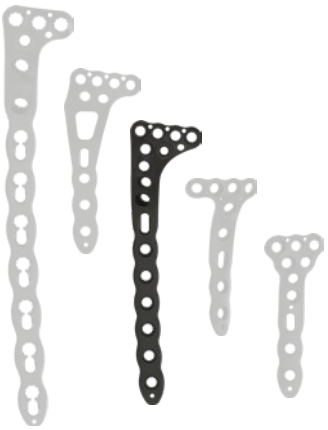
stryker

Pangea™

Proximal Lateral Tibia Plate

Design rationale



Pangea Proximal Lateral Tibia Plate

Design rationale

2.0mm Proximal suture holes with undercuts

Allows for suture threading after plate placement

Rafting screws

Designed to follow the angle of the tibial plateau to support the articular surface

Monoaxial hole

Engages threaded guide post for MIS targeting

2 Kickstand screws

Designed to provide support for the medial tibia plateau

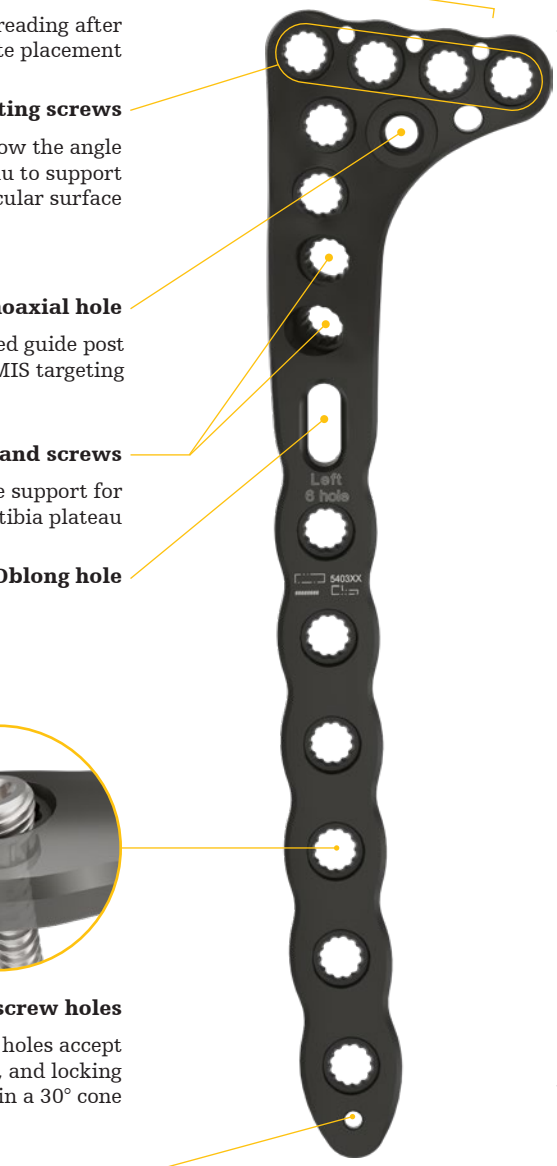
Oblong hole

Variable-angle screw holes

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

2.0mm K-wire hole

To provide temporary fixation



Proximal Lateral Tibia MIS Targeter

Plate placement

- This plate is placed on the anterolateral surface of the proximal tibia
- Placed in the proper position when the proximal end of the plate is adjacent to the articular surface allowing for the proximal rafting screws to support the joint surface
- The Proximal Lateral Tibia plate is designed for use in bicondylar fractures and lateral unicondylar fractures

Pangea Proximal Lateral Tibia Plate

Design rationale

Fit

- Proximal Lateral Tibia Plate is designed to aid with the treatment lateral split, depression, or split depression fractures and bicondylar fractures of the tibial plateau.
- Designed with the use of SOMA: Stryker Orthopedics Modeling and Analytics.
- SOMA analysis shows better anatomic plate fit of the Proximal Lateral Tibia plate compared to Synthes large and small bend plates.[2]

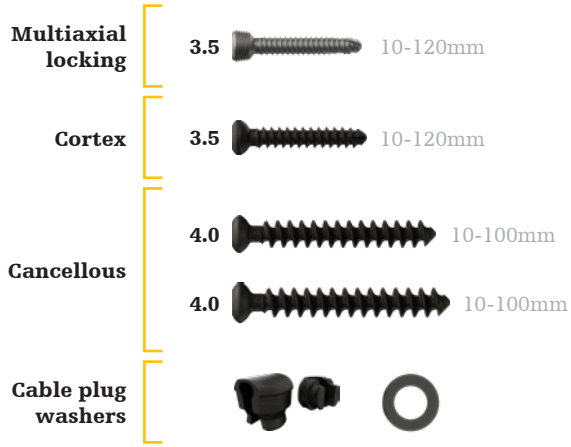
Technical specification

- Standard plate lengths: 2-16 hole (95-291mm)
- Thickness: 3.3mm
- Left and right anatomic plate options
- **Drill bits:**
  Ø2.5mm x 135mm (542020)
  Ø2.5mm x 215mm (542021)

Rafting screws

The rafting screws are designed to follow the angle of the tibial plateau, reducing the potential for interference with the joint line at nominal angles.

Screw platform



Kickstand screws

Two kickstand screw options which are designed to allow for the capture of posteromedial fragments one posterior and one more central. This triangular fixation may increase the stability and support of the plate construct.

References:
1. Pangea Tibia Plating Operative Technique. PGA-ST-4, 03-2023
2. Internal Report № D0000262573, Rev AA, Selzach, Switzerland

Manufacturer:
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