# **stryker**

# 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 Technique<sup>1</sup>

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#### 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)

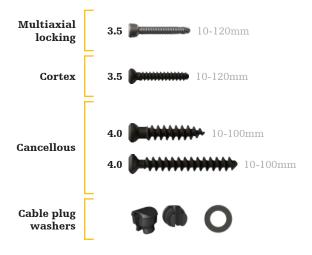
• Thickness: 3.0mm

· 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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Manufacturer:

Stryker GmbH Bohnackerweg 1 2545 Selzach, Switzerland stryker.com