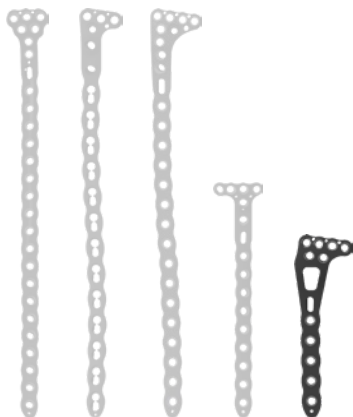


# Pangea™

## Partial Articular Proximal Tibia Plate

Design rationale



# Pangea Partial Articular Proximal Tibia Plate

Design rationale

stryker

## 2.0mm Proximal Suture holes with undercuts

Allows for suture threading after plate placement and K-wire placement

## Proximal row of rafting screws

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

Locking or non-locking screws can be used to raft articular depression

## Window

Designed to allow tamp placement for articular surface elevation and bone graft insertion after provisional plate application

## Oblong hole

To aid in plate placement



## Variable-angle screw holes

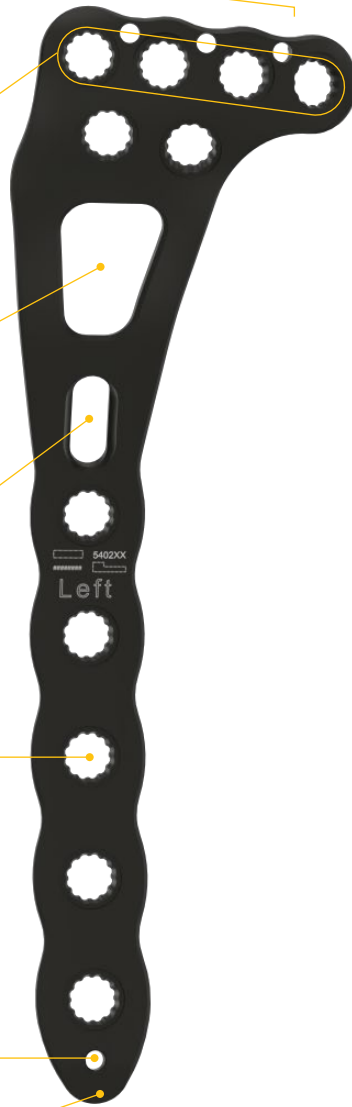
Circular universal holes accept non-locking screws, and locking screws within a 30° cone

## 2.0mm K-wire hole

To provide temporary fixation

## 2.2mm plate thickness

Designed to increase patient comfort with a lower plate prominence designed to reduce potential for soft tissue irritation.



3.5mm screws

## Plate placement



- This plate is placed on the anterolateral surface of the proximal tibia
- This plate is in proper position when the proximal end of the plate is adjacent to the articular surface allowing for the proximal screws to support the joint surface
- This plate is in proper position when it can buttress the split lateral tibial plateau fracture



Image from Pangea Operative Technique<sup>1</sup>

# Pangea Partial Articular Proximal Tibia Plate

Design rationale

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## Flexible and malleable

- The low profile (2.2mm) is designed to tightly contour to the shape of the proximal tibia with screw placement to allow buttress fixation of lateral split fragments
- Designed for treatment of Schatzker II fractures
- Under contoured to use the plate physically to provide buttress effect








## Window for tamping

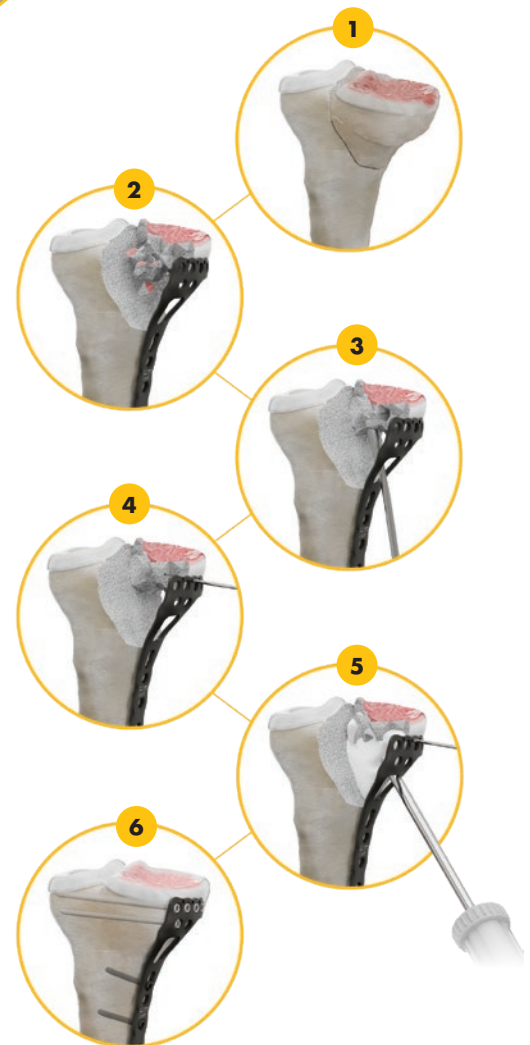
Proximal window for optional tamping, fracture visualization, and bone grafting after the plate is applied. Tamps are provided in Pangea instrument trays.

## Technical specification

- Standard plate lengths: 3-6 holes (85-127mm)
- Thickness: 2.2mm
- Left and right anatomic plate options
- **Drill bits:**
  - Ø2.5mm x 135mm (542020)
  - Ø2.5mm x 215mm (542021)

## Screw platform

Multiaxial locking	3.5		10-120mm
Cortex	3.5		10-120mm
Cancellous	4.0		10-100mm
	4.0		10-100mm
Cable plug washers			



## References:

1. Pangea Tibia Plating Operative Technique. PGA-ST-4, 03-2023

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