ZIMMER BIOMET
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Stratum® Ankle

Fusion Plating System

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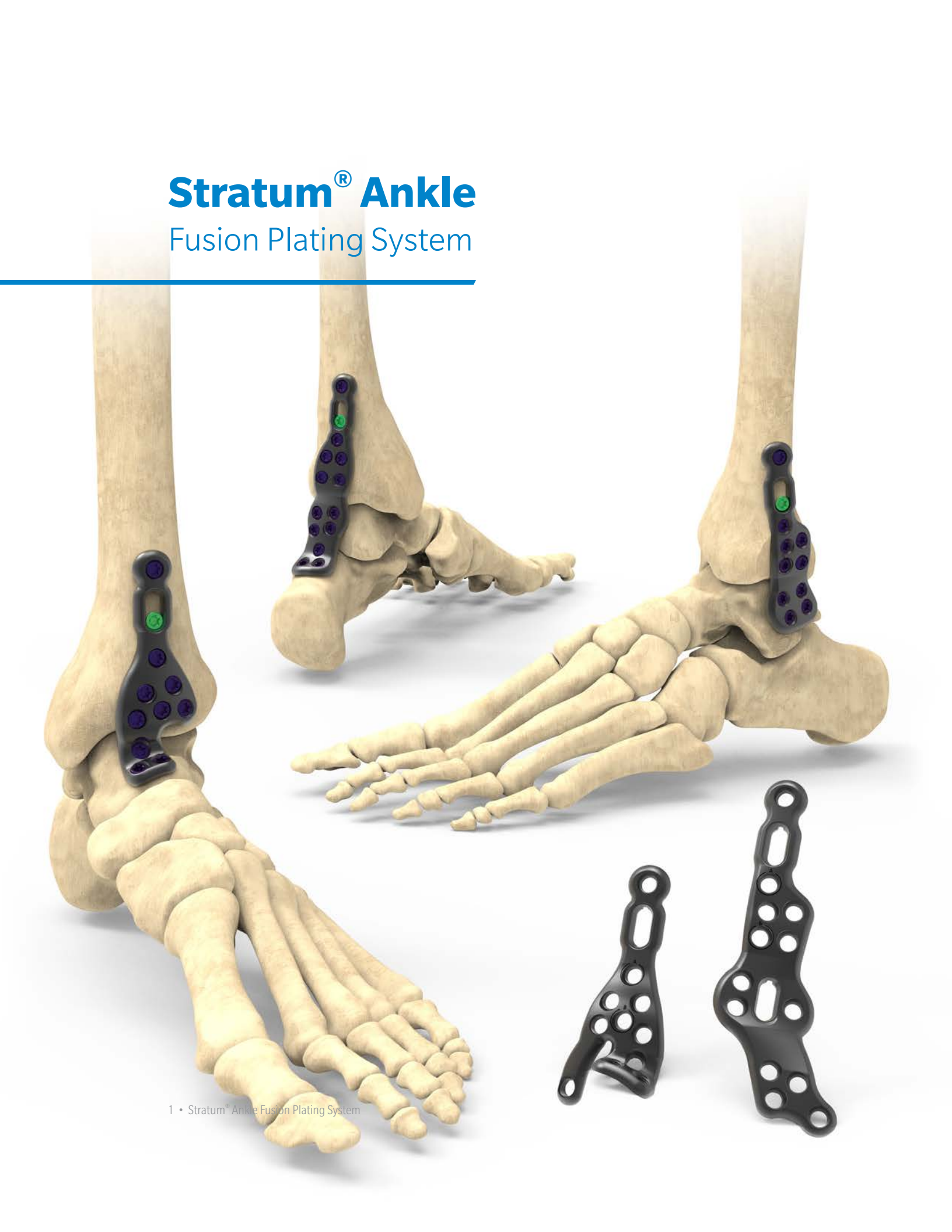

Stratum® Ankle Fusion Plating System

The Stratum Ankle Fusion Plating System offers an anterior, lateral and posterior plating platform, using anatomical scan data* to determine optimal plate sizing, providing the surgeon with multiple options for anatomical plate application for joint arthrodesis. This system utilizes a joint distractor device designed to provide optimal visualization for joint preparation and proprietary external ramps that can achieve up to 7.0mm of linear, bi-cortical compression of the TT & TTC joints. Each plate features an optional outrigger device for guiding a 6.0mm cannulated crossing screw if additional stabilization is desired.

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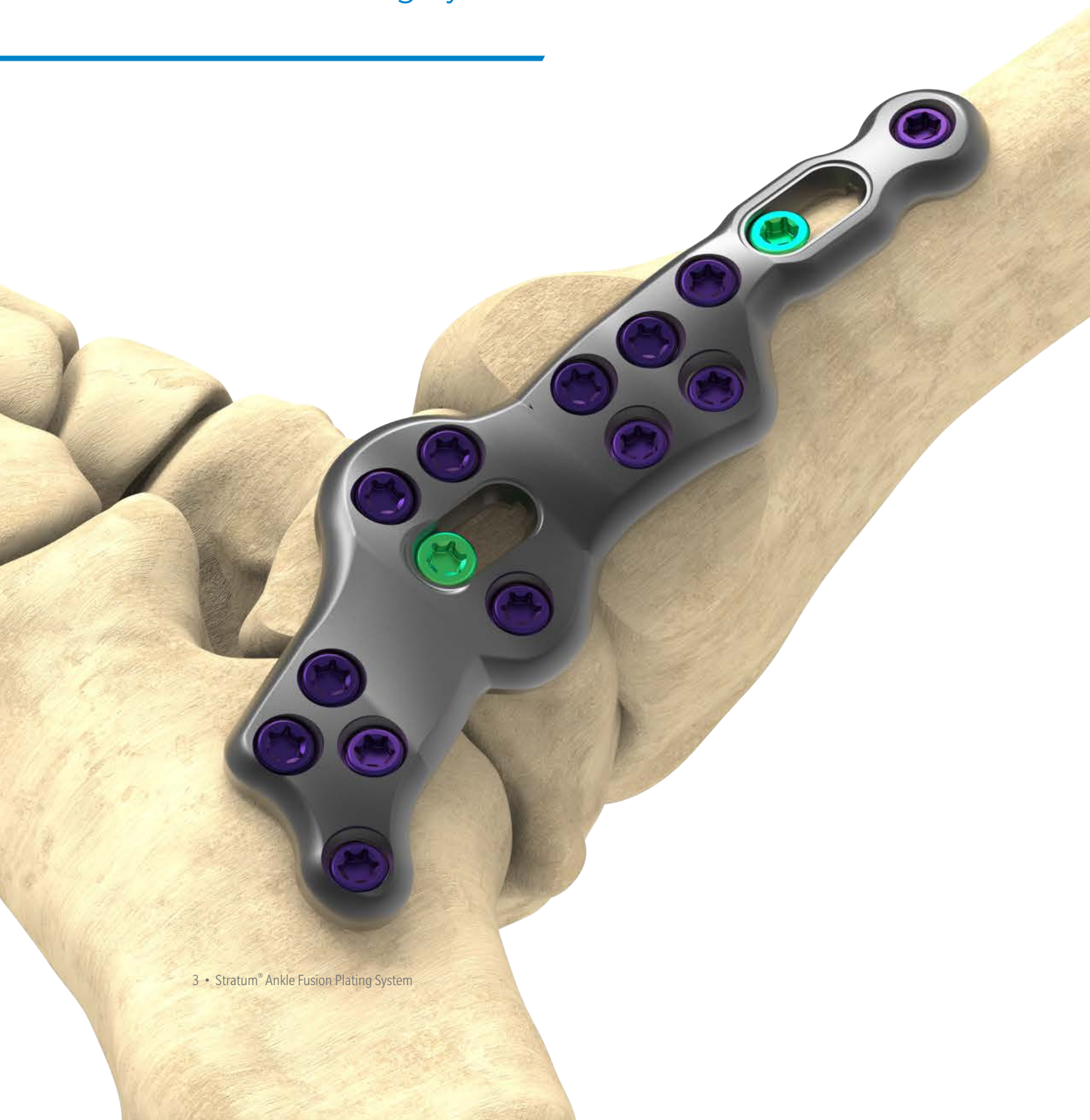


Indications

The Stratum Ankle Fusion Plating System is indicated for use in stabilization and fixation of fractures or osteotomies, intra and extra articular fractures, and multi-fragmentary fractures, revision procedures, non-union and malunion, joint fusion and reconstruction of small bones of the feet and ankles including the distal tibia, talus, and calcaneus.

Contraindications

Patients with conditions that limit their ability or willingness to follow postoperative care instructions

Blood supply limitations and previous or active infections that may inhibit healing

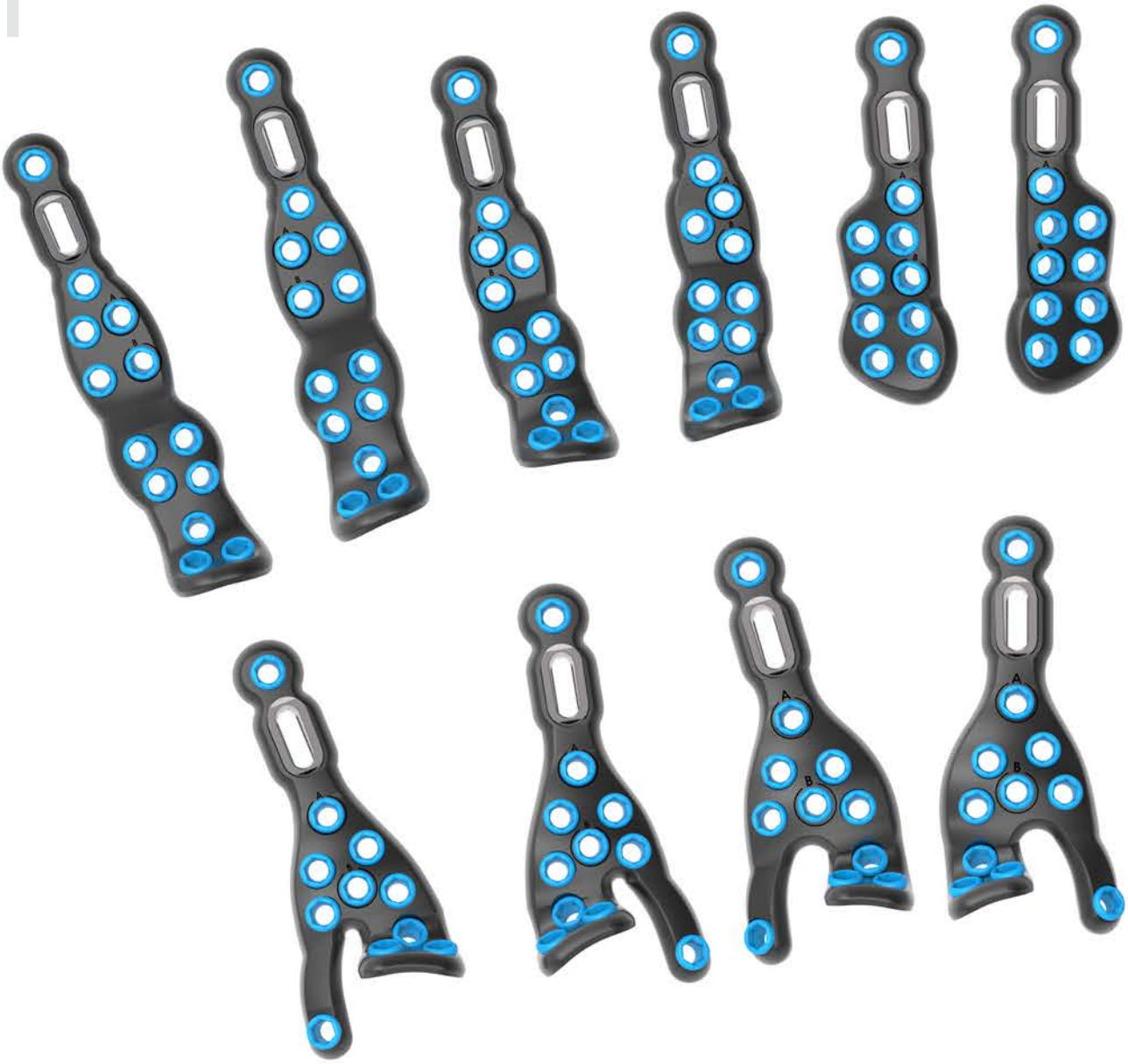
Surgical procedures other than for the indications listed.

Patient conditions including insufficient quantity or quality of bone and/or soft tissue

Material sensitivity

Posterior Tibiotalocalcaneal (TTC) Fusion Plates

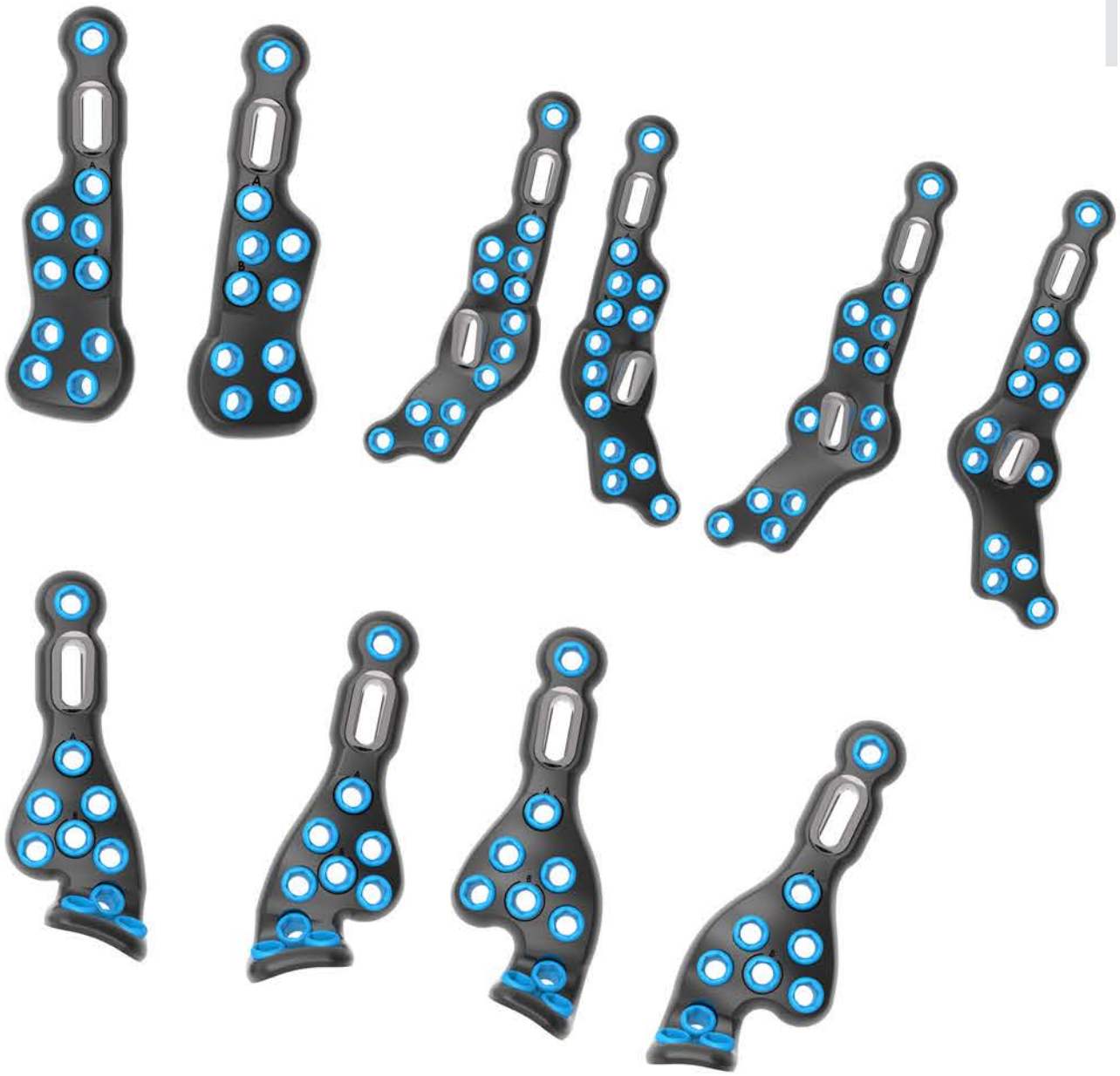
Lateral Tibiotalar (TT) Fusion Plates



Anterior Fusion Plates with Wings

*Small/standard, left/right plate options

Lateral Tibiotalocalcaneal (TTC) Fusion Plates



Anterior Fusion Plates

Features: Comprehensive Anatomic Plating Options

Anterior, Lateral, and Posterior Options

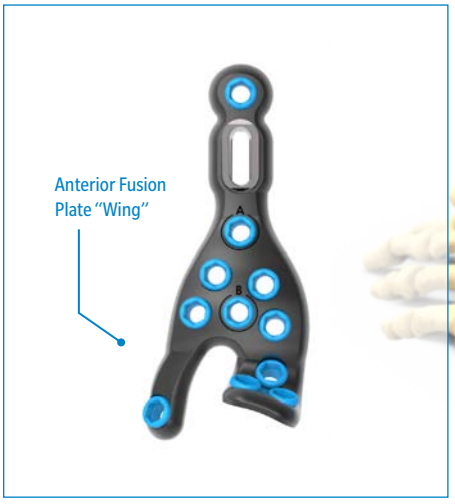
- 20 plates available to cover multiple anatomic regions of the ankle
- Includes Small and Standard options with left and right configurations

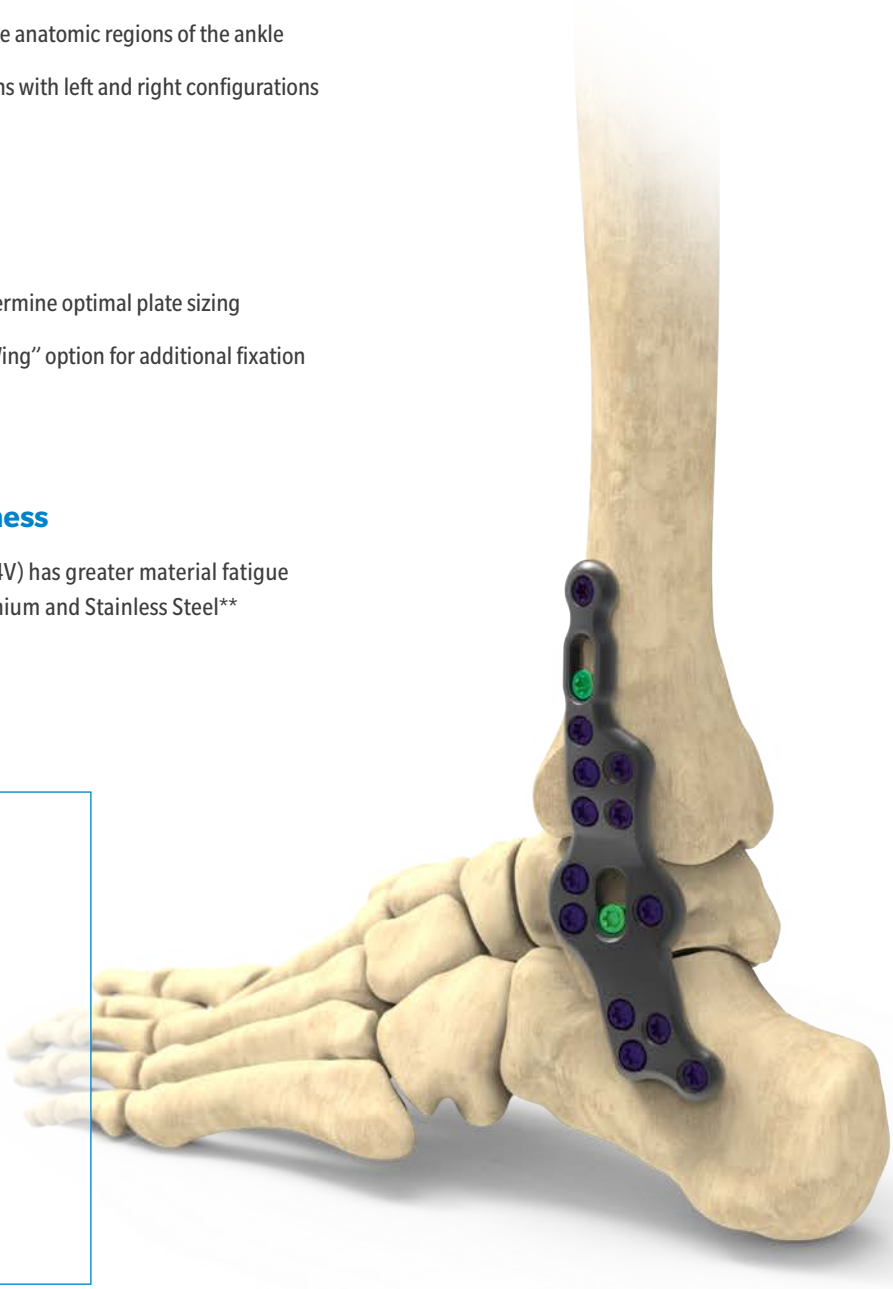
Anatomically Designed

- Anatomical scan data* used to determine optimal plate sizing
- Anterior Fusion Plates include a "Wing" option for additional fixation

Plate Strength and Thickness

- Type 2 anodized Titanium (Ti-6Al-4V) has greater material fatigue strength than color anodized Titanium and Stainless Steel**
- 3.5mm for uniform thickness





*On file with Medartis Inc. • **Testing data on file with Zimmer Biomet (DVA-107504-DVER Rev A , February • 2013), Laboratory testing is not necessarily indicative of clinical performance. Stratum Ankle plates are made of Ti-6Al-4V ELI (Type 2 Anodized Titanium Alloy)

Features: Distraction and Compression

Joint Distraction Device

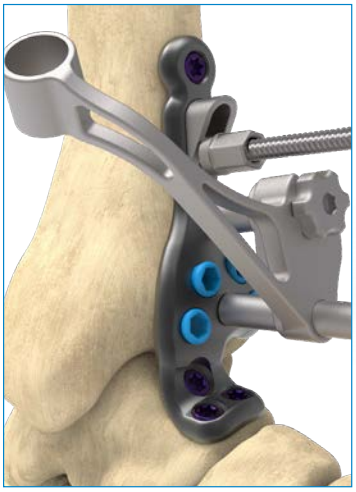
- Optimal visualization for joint preparation

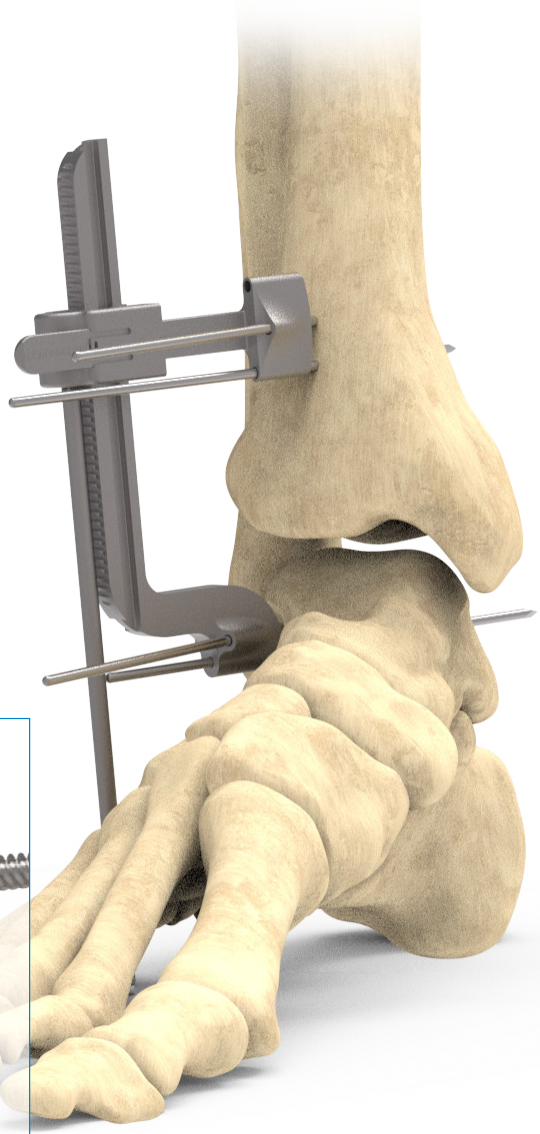
Joint Compression

- External compression ramp on plate achieves up to 7.0mm of linear, bi-lateral joint compression of TT & TTC joints
- Ramp drill guide allows for optimal placement of 2.7 drill bit within the external compression ramp
- Designed for tactile feel when compressing joint to desired level using the external compression ramp

Crossing Screw Outrigger

- Outrigger to guide the placement of crossing cannulated screw for additional stabilization





Features: Low-Profile Alignment Caps

Low-Profile Alignment Caps with Domed Edge

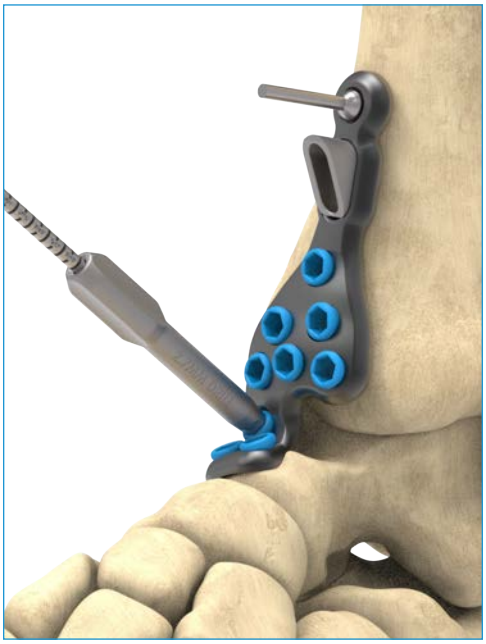
- Designed to easily slip under soft tissue
- Pre-assembled to plates

Quick Connection to Drill Tube

- No thread-on requirement
- Protects integrity of plate threads

Drill Tube Doubles as Alignment Cap Removal Instrument

- Allows to load screw on driver while removing Alignment Cap
- Alignment Caps removed quickly and easily
- Designed for co-axial drilling to minimize cross-threading



NOTE: All Alignment Caps need to be removed before wound closure

Screw Options

Screws

- 3.5/5.0mm Locking, 3.5/5.0mm Non-Locking, and 6.0mm Cannulated (16mm distal thread form)
- 3.5/5.0mm Locking Screws have T20 drive feature for optimal screw/driver interface
- Double lead pitch with triple lead locking thread

3.5mm Locking Cortical

3.5mm Non-Locking Low Profile

5.0mm Locking Cortical

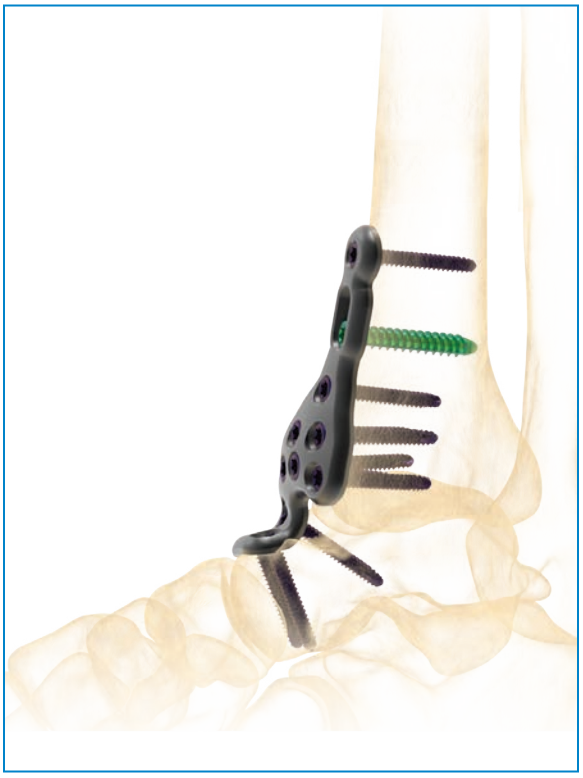
5.0mm Non-Locking Low Profile

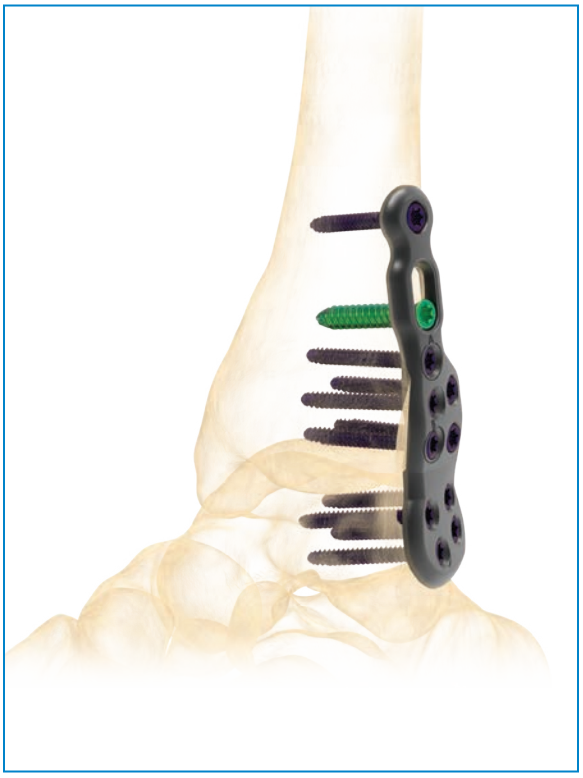
6.0mm Crossing Screw

Screw Options

Diameter	Drill Size	Screw Type	Part # Family	Screw Length	Color
3.5mm	2.7mm	Locking - Non-Sterile	SALS35XXNS	16mm-70mm	Purple
3.5mm	2.7mm	Non-Locking - Non-Sterile	SANLS35XXNS	16mm-70mm	Dark Gray
5.0mm	3.5mm	Locking - Non-Sterile	SALS50XXNS	16mm-70mm	Blue
5.0mm	3.5mm	Non-Locking - Non-Sterile	SANLS50XXNS	16mm-70mm	Green
6.0mm	4.5mm	Crossing Screw - Sterile	SACAN60XX	26mm-90mm	Dark Gray

Screw Trajectories





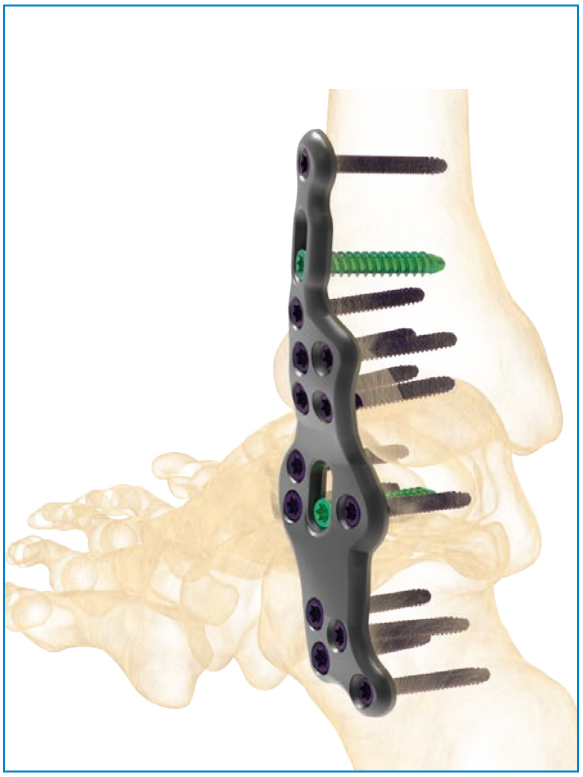
ANTERIOR PLATE

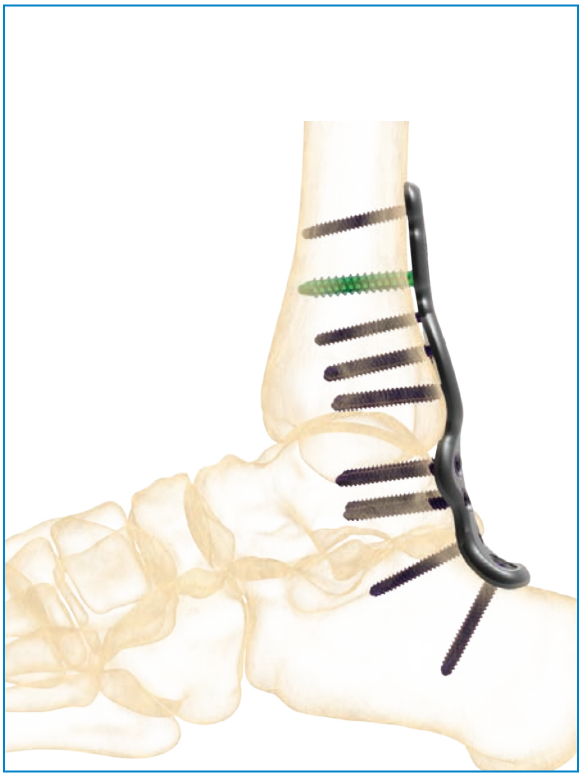
- 3 Screw Holes in Talus
- Compression Slot
- Fit to Anatomical Scans
- 7 Holes in Distal Tibia
- Can be used with a crossing screw

LATERAL TT PLATE

- Fit to Anatomical Scans
- Compression Slot
- 6 Holes in the Tibia
- 4 Holes in Talus
- Can be used with a TT crossing screw

Screw Trajectories





LATERAL TTC PLATE

- Fit to Anatomical Scans
- 2 Compression Slot
- 6 Holes in the Tibia
- 3 Holes in Talus
- 4 Holes in the Calcaneus
- Can be used with a TT

POSTERIOR TTC PLATE

- Fit to Anatomical Scans
- Compression Slot
- 5 Holes in the Tibia
- 4 Holes in Talus
- Can be used with a TT and/ or TC crossing screw

This material is intended for health care professionals. Distribution to any other recipient is prohibited. For product information, including indications, contraindications, warnings, precautions, potential adverse effects and patient counseling information, see the package insert.

This document is intended for surgeons and is not intended for laypersons. Each surgeon should exercise his or her own independent judgment in the diagnosis and treatment of an individual patient, A written surgical technique is available at www.zimmerbiomet.com, or through your local Zimmer Biomet representative. As with all surgical procedures, the technique used in each case will depend on the surgeon's medical judgment as the best treatment for each patient. Results will vary based on health, weight, activity and other variables. Not all patients are candidates for this product and/or procedure. Caution: Federal (USA) law restricts this device to sale by or on the order of a surgeon. Rx only.

Zimmer Biomet is the exclusive distributor of the Stratum Ankle Fusion Plating System. • The Stratum Ankle Fusion Plating System is manufactured using Ti-6Al-4V ELI and Co-Cr-Mo.

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