

Introducing the
Stratum[™]
Foot Plating System



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Indications and Contraindications

INDICATIONS:

The Nextremity Solutions Stratum Foot Plating System is a plate and screws construct indicated for fixation of fractures, osteotomies, non-unions, malunions and fusions of small bones and small bone segments, particularly in osteopenic bone.

CONTRAINDICATIONS:

- Patient conditions including insufficient quantity or quality of bone.
- Blood supply limitations and previous or active infections that may inhibit healing.
- Surgical procedures other than for the indications listed.
- Patients with conditions that limit their ability or willingness to follow post-operative care instructions.

Stratum™

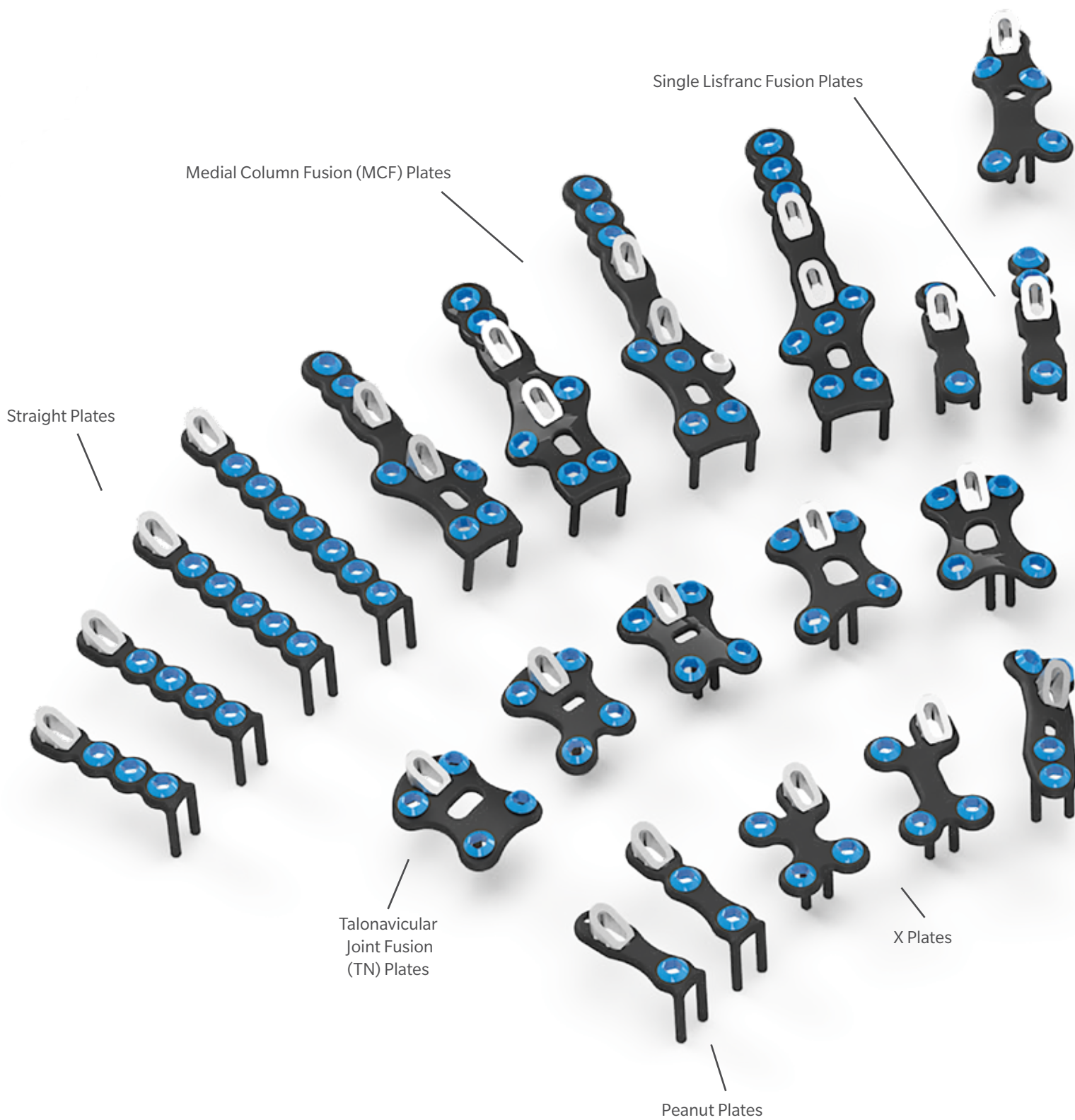
Foot Plating System

The Stratum Foot Plating System is the next generation of anatomic locking plates that addresses osteotomies, mal-unions, non-unions, fractures, and fusions in the forefoot, midfoot, and hindfoot. The system expands on the features of A.L.P.S.® Total Foot System and includes new innovative technology. The system contains 11 distinctive plate types (49 plates) along with 6 screw families (2.7, 3.5 & 4.0 mm). It also comes with a complete set of sterile implants and instruments, creating ease of use and efficiency for customers.



Stratum Foot Plating System

A Symphony for Foot and Ankle Repair™



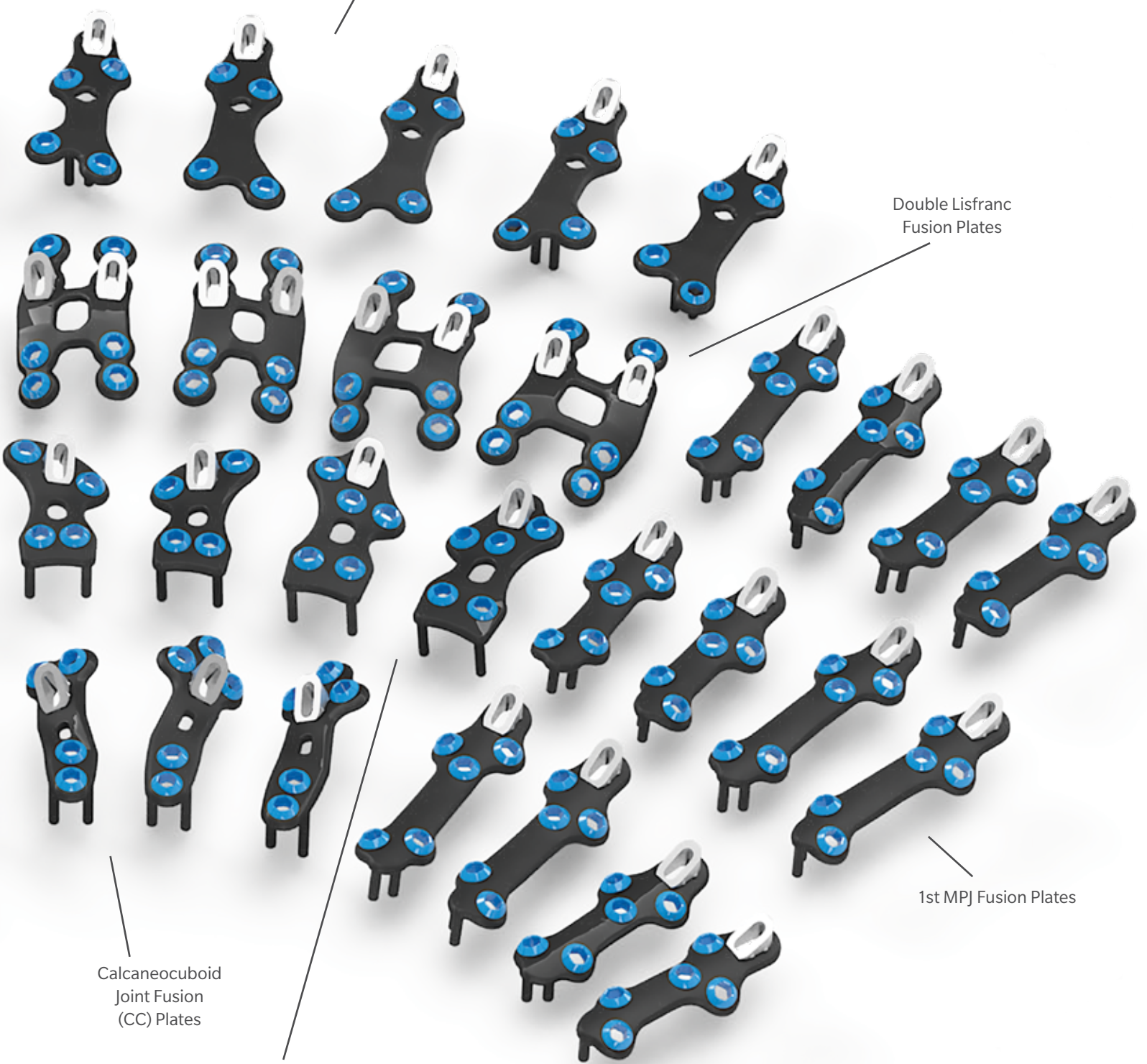
Lapidus Plates
(1st TMT Joint Fusion)

Double Lisfranc
Fusion Plates

1st MPJ Fusion Plates

Calcaneocuboid
Joint Fusion
(CC) Plates

Naviculocuneiform
Joint Fusion
(NC) Plates



Stratum Foot Plating System

Plate Features: Tine Technology



*Stratum plates are made of Ti-6Al-4V ELI
(Type 2 Anodized Titanium Alloy)*

Hands-Free Technique

- Plate templates allow for pre-drilling of tine holes on one side of joint or fracture
- No provisional K-wires required to hold plate in position once tines are inserted
- Tines prevent plate from shifting once inserted
- Three points of fixation in small footprint
- Ability to manipulate small bones and/or segments of bone once tines are inserted



Compression Through Tines

- Joint can be compressed through tines, not screws, via tension band technique
- Screws fixate construct at the end of the procedure reducing amount of shear forces on screws

Adjustable Plate Positioning

- Fixation similar to blade plate technology, as tines are on underside of the plate
- Plate position can be quickly modified by adjusting single hole and re-drilling through template



Stratum Foot Plating System

Plate Features: Compression Ramps

Up to 3.5mm of Linear Compression

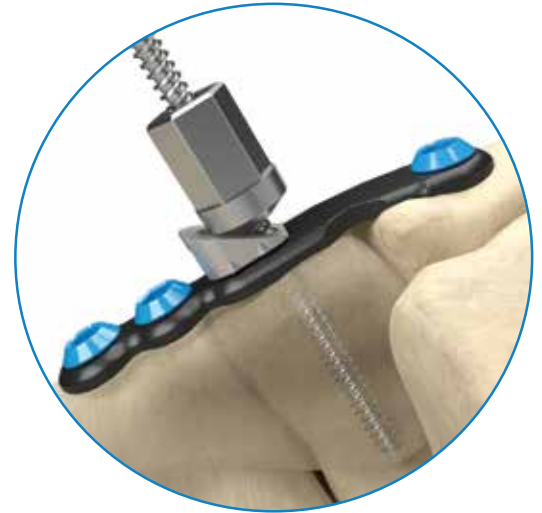
- Surgeon dials in compression based on tactile response

Bicortical Compression

- Bicortical fixation with threaded wire prior to start of compression
- Compression driven at the level of the plate mitigating moment forces on joint

Pre-Assembled on Plate

- Removable compression ramp allows for low-profile plate designs
- Tabbed design allows for easy removal



Stratum Foot Plating System

Plate Features: Alignment Caps

Low Profile Alignment Caps with Tapered Edge

- Easily slips 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
- Guides co-axial drilling to reduce cross-threading



Stratum Foot Plating System

Plate Features: In-Situ Contouring

Plate Benders

- Easily thread into plate after Alignment Caps are removed
- Allows for in-situ contouring
- Protects threads from deforming during plate bending
- Two different lengths to allow for optimal grip when benders are in close proximity to one another



Stratum Foot Plating System

Screw Options

The Stratum Foot Plating System comes with a variety of screw options. The system uses sterile locking, non-locking, and multi-directional locking screws. Due to the design of the plate itself, variable-angle locking and non-locking screws can be used in any of the screw holes, with the exception of the slotted hole, which requires a 3.5mm non-locking screw. This versatility allows for multiple screw combinations based on surgeon preference. The Cobalt Chrome Multi-Directional Locking Screw allows for off-axis screw direction based on patient anatomy or for the avoidance of other hardware.



Multi-Directional Locking Screw
Screw can be placed 15 degrees off axis for a 30-degree cone of angulation.*

*15° angulation variable drill guide included in kit

Stratum Foot Plating System

Sterile/Disposable Instrument Kits

Sterile/Disposable Instrument Kits

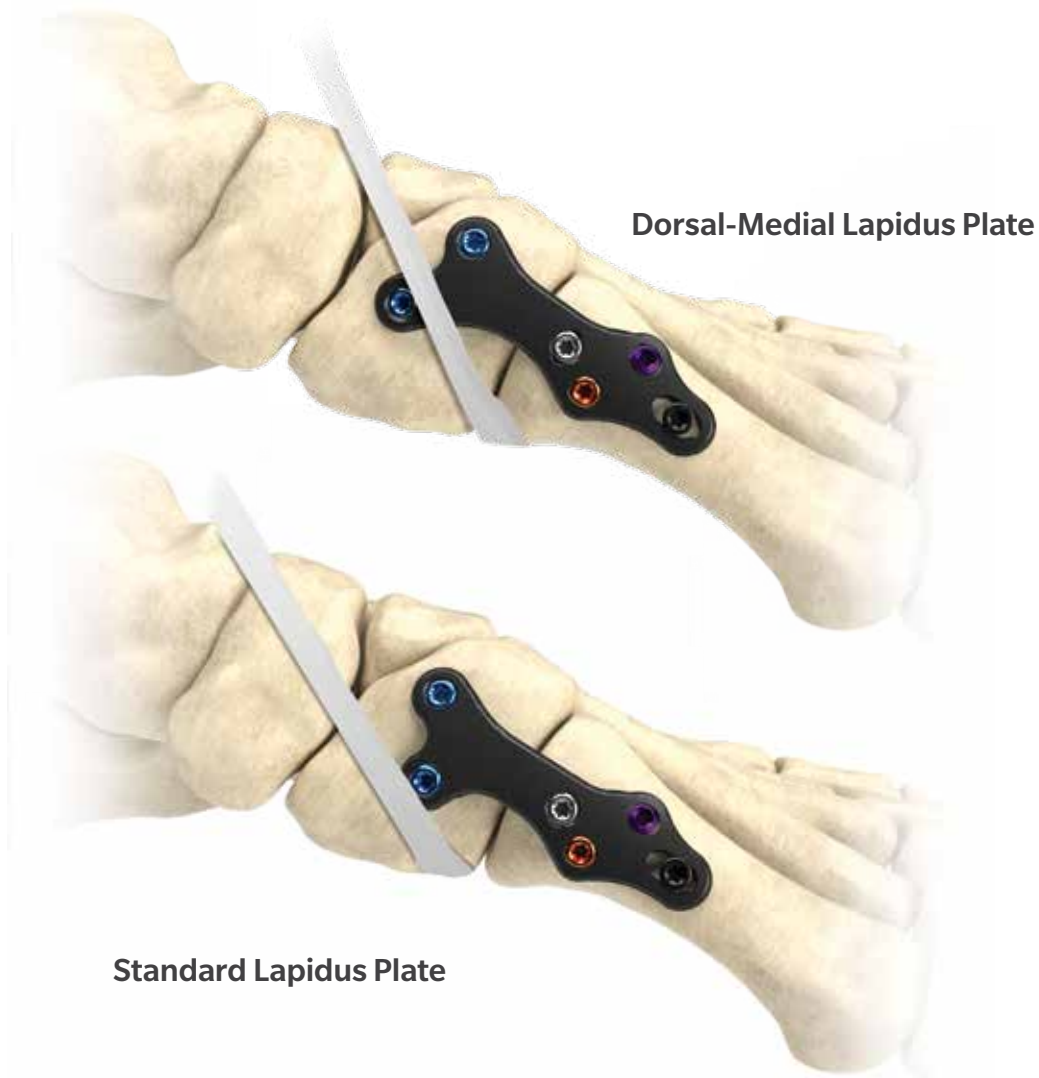
- All components in kits are pre-sterilized
- Instrumentation has never been used, damaged, or worn prior to surgery
- Time and cost savings as sterilization before surgery is no longer necessary
- Complete sets at delivery minimizes time at the back table
- Plate templates are attached to the underside of each instrument kit lid



Stratum Foot Plating System

Dorsal-Medial Lapidus Plates

The Standard Small and Large Lapidus plates sit next to the anterior tibialis tendon with all screw holes visible. Due to the variation of patient anatomies, the Dorsal-Medial Lapidus plates were designed to provide visibility to all screw holes in the event that the anterior tibialis tendon of the patient is advanced distally. The Dorsal-Medial Lapidus plate is positioned beneath the tendon with the screw hole sitting on the other side of the tendon to ensure visibility of the screw hole.



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The Stratum Plating System is manufactured using Ti-6Al-4V ELI and Co-Cr-Mo.



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