



DEPUY SYNTHES IS WITH
YOU—AND YOUR PATIENTS

EVERY STEP OF THE WAY

FOOT & ANKLE PRODUCT PORTFOLIO

The DePuy Synthes Foot & Ankle portfolio offers solutions for reconstruction, trauma, and soft tissue procedures to span the continuum of care.



DePuy Synthes

PART OF THE *Johnson & Johnson* FAMILY OF COMPANIES

RECONSTRUCTION



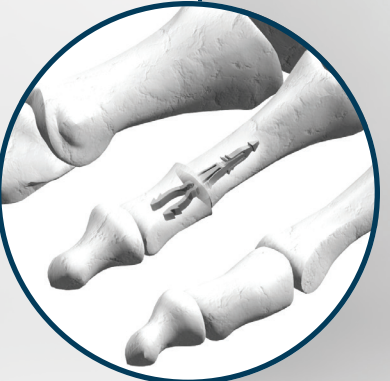
2.4 mm/2.7 mm VA LCP® FOREFOOT/MIDFOOT PLATING SYSTEM

Wide range of low-profile plates with variable angle (VA) screw placement and compression system designed within the plates to help minimize additional soft tissue dissection. Available in a variety of plate shapes, including Straight Fusion Plates, T-Fusion Plates, L-Fusion Plates, Cloverleaf Fusion Plates, X-Plates, 1st MTP Fusion Plates, Opening Wedge Plates, TMT Fusion Plates, Tarsal Plates and a Mesh Plate. Available in stainless steel and titanium.



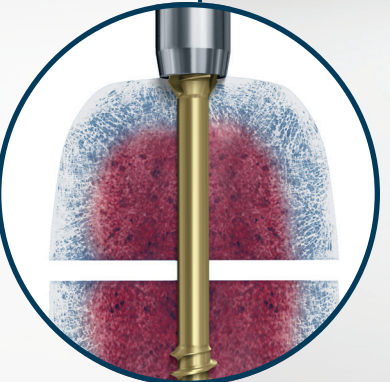
CONTINUOUS COMPRESSION IMPLANTS

Continuous Active Compression even after repetitive loading. Unlike traditional fixation technologies, DePuy Synthes Continuous Compression Implants are manufactured from nitinol, a "shape memory" metal to continuously and dynamically keep bones compressed throughout the healing process. Available in different designs, including SPEED™, SPEEDTITAN™, SPEEDARC™, SPEEDTRIAD™, SPEEDSHIFT™ and BME ELITE® Implant for indications in the forefoot, midfoot and hindfoot.



HAMMERLOCK® 2 NITINOL IMPLANT

Intramedullary fixation without the need to freeze prior to usage. Implant provides multiaxial active stabilization and fits in narrower proximal canals.



COMPRESSION SCREWS

Headless Compression Screws

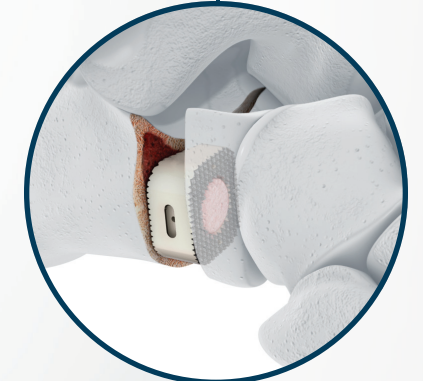
1.5 mm, 2.4 mm, 3.0 mm, 4.5 mm and 6.5 mm self-drilling, self-tapping, cannulated screws. Available in stainless steel and titanium.

Cannulated Screws

2.4 mm, 3.0 mm, 3.5 mm, 4.0 mm, 4.5 mm, 6.5 mm, 7.0 mm, and 7.3 mm headed, cannulated screws. Screws are available in partial and full thread, stainless steel and titanium.

TiPEEK FOOT OSTEOTOMY WEDGE SYSTEM

Titanium plasma sprayed PEEK Cotton and Evans wedge specifically indicated for fusion. TiPEEK is a hybrid design for enhanced visualization,^{1,2} dynamic load sharing capabilities³ and rapid osseointegration.^{1,4}



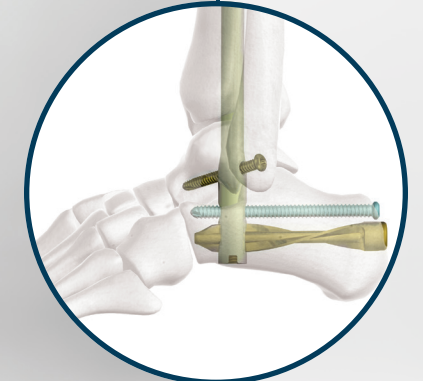
3.5 mm VA LCP® MEDIAL COLUMN FUSION PLATING SYSTEM

Plates with variable angle (VA) screw placement designed to stabilize the medial column and restore the arch of the foot, specifically for Charcot foot, severe arthritis or advanced deformities. Available in two designs for medial placement and one design for plantar placement.



HINDFOOT ARTHRODESIS NAIL (HAN)

The Hindfoot Arthrodesis Nail, part of the EXPERT NAIL® System, permits a proper hindfoot alignment due to a lateral bend of the nail⁵ along with an improved stability provided through various locking options.⁶



MAXFRAME™ MULTI-AXIAL CORRECTION SYSTEM

The first circular fixation system with 3-D visualization and Perspective Frame Matching (PFM) software to help streamline procedures while enhancing accuracy, efficiency and outcomes. The MAXFRAME™ Patient Care Program provides information for patients and is a resource to support the guidance from their surgeon.

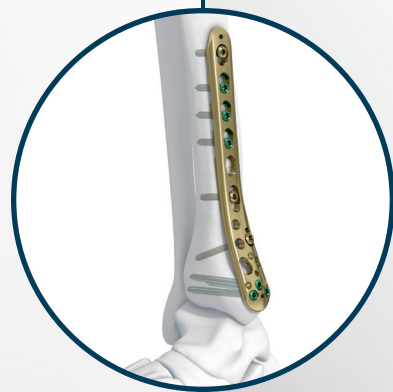


TRAUMA



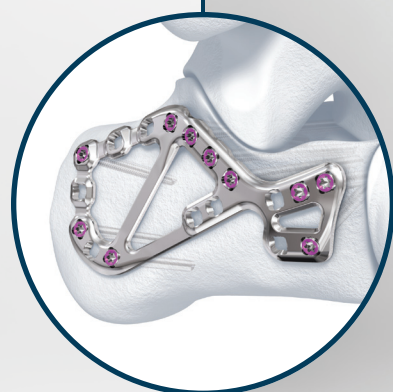
2.7 mm / 3.5 mm VA LCP® ANKLE TRAUMA PLATES

Our most comprehensive ankle trauma plating system with multiple reduction options and with variable angle (VA) screw placement. Available in a variety of plate shapes, including Medial Distal Tibia Plates, Anteromedial Distal Tibia Plates, Anterolateral Distal Tibia Plates, Distal Tibia T- and L-Plates and Distal Fibula Plates.



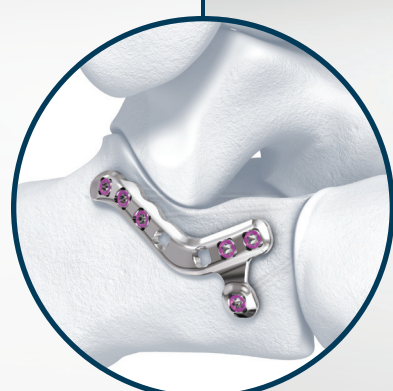
SMALL FRAGMENT LOCKING COMPRESSION PLATES (LCP®)

The locking compression plates (LCP®) have combination locking and compression holes (Combi holes) allowing locking or lag screw technique. Available in a variety of plate shapes, including LCP® Distal Tibia Plates, LCP® Distal Fibula Plates, LCP® One-Third Tubular Plates and LCP® Reconstruction Plates in stainless steel and titanium.



2.7 mm VA LOCKING CALCANEAL PLATES

The pre-contoured, low-profile plates with variable angle (VA) screw placement are designed to reduce the likelihood of soft tissue irritation along the lateral calcaneal wall, with VA locking screws seated flush in the plate. Multiple fixation points target dense cortical bone. Available in stainless steel and titanium.



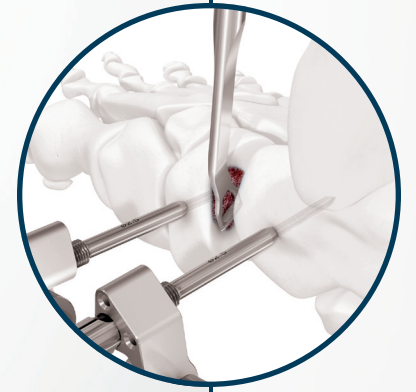
2.7 mm VA LOCKING ANTEROLATERAL CALCANEAL PLATES

The plates are designed for a minimally invasive approach with the ability to insert through a small incision to help preserve soft tissue. The pre-contoured, low-profile plates with variable angle (VA) screw placement are available in stainless steel and titanium.

FOOT & ANKLE INSTRUMENTS

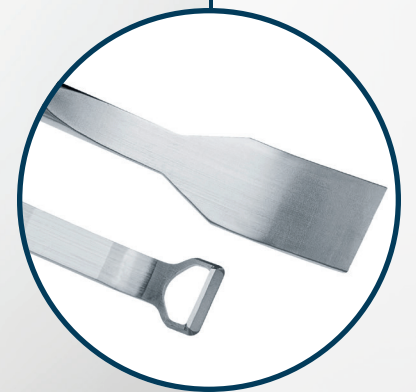
COMPRESSION/DISTRACTION DEVICE

Specifically designed to apply compression or distraction in the foot & ankle with increased visibility while operating.



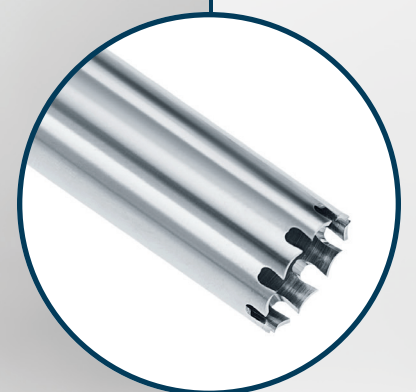
JOINT PREPARATION SET

Dedicated chisel instruments for Foot & Ankle surgery. Available in three different shapes and a curved shaped cartilage remover for precise joint preparation.



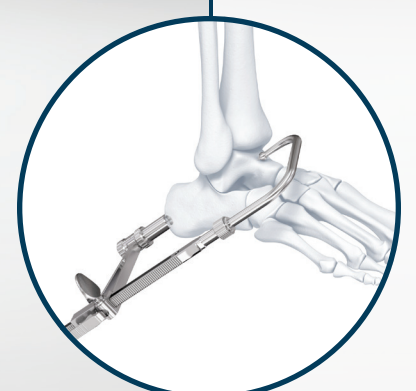
BONE HARVESTING SET

Specifically designed for bone harvesting or bone biopsies in the Foot & Ankle. Makes it easier to obtain autogenous cancellous bone. Available in seven different diameters allowing for accurate bone grafting in various anatomies.



SCREW TARGETING CLAMP

Compression and screw targeting in one instrument for drilling and screw insertion of solid or cannulated screws with diameter 3.5 mm through 7.3 mm. Specifically designed for compression of fracture fragments or compression of bones for arthrodesis in the Foot & Ankle.



SOFT TISSUE

HEALIX ADVANCE™ Anchor

The HEALIX ADVANCE™ Anchor has a multi-thread design reducing the number of turns to insertion and providing ease of use during advancement into bone.⁷ Indications include lateral and medial stabilization of the Foot & Ankle and for Achilles tendon repair. HEALIX ADVANCE™ Anchor is available in PEEK and BIOCRYL RAPIDE® Biocomposite Material option, which allows bony replacement at the implant site.⁸

GII® Anchor

The GII® Anchor is a small-size titanium anchor that can be used in a variety of indications, including Hallux Valgus reconstruction, Achilles tendon repair/reconstruction, midfoot reconstruction and lateral/medial instability. Available with partially resorbable ORTHOCORD® High Strength Orthopaedic Suture.

PERMATAPE™ Suture

An optimized solution for both knotless and knot-tying repairs. Provides a wide and flat suture option to enhance tissue-to-bone compression.⁹ Available preloaded on HEALIX ADVANCE™ Anchor and free strand. Eliminates the need for knot-tying when used with HEALIX ADVANCE™ Knotless Anchor.

DYNACORD™ Suture

Innovative technology designed to maintain the approximation force set on the repair, thus minimizing gap formation.¹⁰ The ability of DYNACORD™ Suture to expand radially and contract axially allows the suture to mitigate negative aspects of a repair such as suture laxity, creep, or knot slippage.¹¹ Available preloaded on HEALIX ADVANCE™ Anchor.

BIOMATERIALS

VIVIGEN® & VIVIGEN FORMABLE® CELLULAR BONE MATRIX

ViviGen is a cellular allograft intended for repair, or reconstruction of musculoskeletal defects. It is the only cellular allograft that contains lineage-committed bone cells. These bone cells are fully differentiated, allowing ViviGen to directly participate in bone formation as early as day 7.¹² ViviGen® and ViviGen Formable® provide the same advantages with alternative formulations to meet surgeons' clinical needs.

CONFORM® FLEX

Osteoconductive and osteoinductive 100% demineralized cancellous bone that promotes cellular ingrowth and vascularization. It is available in both cube and strip configurations. The tissue is flexible and can be compressed up to to 50% of original size, making it ideal for Foot & Ankle reconstruction procedures.

DBX® DEMINERALIZED BONE MATRIX

DBX® material is an osteoinductive and osteoconductive bone graft substitute composed of demineralised bone matrix (DBM) from human donors in a sodium hyaluronate carrier.

Norian® DRILLABLE FAST SET PUTTY

Norian® Drillable Fast Set Putty is a biocompatible, fiber-reinforced, calcium phosphate bone void filler that is intended to be placed into bony voids either before or after final fixation. When fully cured, it closely approximates the mineral phase of bone.

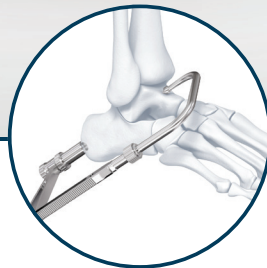
DEPUY SYNTHES IS WITH YOU—AND YOUR PATIENTS EVERY STEP OF THE WAY



RECONSTRUCTION



TRAUMA



INSTRUMENTS



SOFT TISSUE



BIOMATERIALS

Reference: 1. Walsh et al. Plasma-sprayed titanium coating to polyetheretherketone improves the bone-implant interface. *The Spine Journal*;2015: 1041-1049 2. Kurtz et al. PEEK biomaterials in trauma, orthopedic, and spinal implants. *Biomaterials*;28 (2007) 4845-4869 3. Sagomonyants et al. The in vitro response of human osteoblasts to polyetheretherketone (PEEK) substrates compared to commercially pure titanium. *Biomaterials*;29 (2008) 1563e1572 4. Hickey et al. Improved bone cell responses on titanium integrated PEEK surfaces. 5. Moorjani et al. Optimal insertion site for intramedullary nails during combined ankle and subtalar arthrodesis. *Foot and Ankle Surgery*;4, 21-26. 6. Means et al. Intramedullary Nail Fixation with Posterior-to-Anterior Compared to Transverse Distal Screw Placement for Tibiotalocalcaneal Arthrodesis: A Biomechanical Investigation. *Foot & Ankle International*;27(12):1137-1142. 7. Internal Test Report 103213148 8. Barber et al. Biocomposite Implants Composed of Poly (Lactide-co-Glycolide)/β-Tricalcium Phosphate: Systematic Review of Imaging, Complication, and Performance Outcomes. *Arthroscopy*;33(3):683-689. 9. Internal Test Report 103177113 10. Internal Test Report 103394861 11. Hurwit et al. Viscoelastic Properties of Common Suture Material Used for Rotator Cuff Repair and Arthroscopic Procedures. *The Journal of Arthroscopic and Related Surgery*;30(11):1406-1412. 12. Data on file: LifeNet Health DHF 12-008, DHF 15-001



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