**Biomaterials**

- **chronOS**
  - Synthetic bone void filler
  - ß-tricalcium phosphate granules
  - Osteoconductive

- **Norian SRS**
  - Synthetic bone void filler
  - Calcium phosphate cement
  - Osteoconductive

- **DBX**
  - Allograft bone void filler
  - Demineralized bone matrix paste, putty and mix
  - Osteoinductive potential*
  - Osteoconductive

* It is unknown how the osteoinductive potential, measured in the athymic mouse model or the alkaline phosphatase assay, will correlate with clinical performance in human subjects.

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* Updated product support materials can be found at www.synthes.com

**AO Classification**

- **Fractures of the tibial shaft**
- **Fractures of the distal tibia**
- **Fractures of the distal fibula**
- **Fractures and osteotomies of the calcaneus**
- **Fractures, osteotomies, revisions, replantations and fusions of small bones and small bone fragments of the foot**

**Access when and where you need it**

**Clinical Solutions**

**Power Tools**

- **Electric Pen Drive**
  - Compact drive with specific attachments for a wide range of applications
  - Ergonomic drive unit with powerful motor
  - Extensive range of attachments and cutting tools

- **Small Battery Drive**
  - Light, handy and versatile
  - Variable speed with oscillating drilling
  - Durable and powerful batteries or power adapter
  - Easy to use, highly functional

**Synthes Solutions. Foot and Ankle.**

- Synthes Mobile Application
  - iPhone®, iPod touch®, iPad®

www.Synthes.com

www.SynthesSurgeon.com*

* User login is required. Registration for free on home page.

**Note**: For complete indications for use, please refer to product-specific labeling.
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- iPhone®, iPod touch®, iPad®

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Synthes product literature can be found at www.synthes.com

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AO Classification

Distal tibia 43

Multinular fractures 44

Electronic Resources

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**AO Classification**

- **Distal tibia 43**
  - A1 A2 A3
  - B1 B2 B3
  - C1 C2 C3

- **Malleolar fractures 44**
  - A1 A2 A3
  - B1 B2 B3
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Clinical Solutions

Plates and Screws

- LCP Distal Fibula Plate
  - Posterior and lateral distal fibula plates
  - Anatomically contoured
  - Distal-hole design for locking and/or cortices
  - Recess for screwheads to create a low-profile contour
  - Combi holes accept 3.5 mm locking screws
  - 2.5 mm cortex screws and 4.0 mm cancellous bone screws

- LCP Distal Tibia Plate
  - Anterior, posterior, anterolateral and medial distal tibia plates
  - Anatomically contoured
  - Tapered tip for submuscular insertion
  - Distal elongated DCU holes for screw
  - Combi holes in plate shaft for locking
  - Anatomically contoured
  - Stainless steel and titanium

- LCP Anterior Ankle Arthrodesis Plate
  - Anatomically contoured
  - Combi holes in plate shaft for locking
  - Non-locking flexibility
  - Distal elongated DCU holes for screw
gulation and bone purchase
  - Stainless steel and titanium

- LCP Pilon Plate
  - Can be cut and contoured for anatomic fit
  - May be placed on anterior, medial, anterior-medial or anterolateral distal tibia
  - Stainless steel

- LCP Metaphyseal Plates
  - 2.5 mm and 4.5 mm 5.5 mm versions
  - Thinner profile on ankle and allows contouring and designed to reduce soft tissue irritation
  - Holes in thin and angle "T" toward center allowing locking screws into metaphyseal
  - Stainless steel and titanium

- Locking Foot Module
  - 2.4 mm/2.7 mm anatomic locking implants for the foot
  - Suitable for precise screw placement and fit
  - Used with Mini Fragment LCP System
  - Stainless steel and titanium

- Locking Calcaneal Plate
  - Variable: 15 holes address multiple fracture patterns
  - Tabs provide support for anterior process and plantar fragments
  - Stainless steel and titanium

- 3.5 mm Midfoot Fusion Bolt
  - Solid bolt, highly resistant to bending and shear loads
  - Headless, for complete countersinking
  - Solid bolt, highly resistant to bending and shear loads
  - Stainless steel and titanium

- Modular Foot System
  - Modular for 2.0 mm/2.4 mm, 2.7 mm and 3.5 mm/4.0 mm plates and screws
  - Anatomically specific implants designed for foot procedures
  - Stainless steel

- LCP Metaphyseal Plates
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  - Holes in thin and angle "T" toward center allowing locking screws into metaphyseal
  - Stainless steel and titanium

- Dynamic Locking Screw
  - Anatomic- and procedure-specific plates
  - Cortices
  - 3.7 mm size available for use with small fragment plates

- Cannulated Screws (2.4 mm, 3.0 mm, 3.5 mm, 4.0 mm, 4.5 mm, 6.3 mm, 7.0 mm and 2.0 mm)
  - High-thread-to-cortex ratio for pullout resistance
  - Reduced cutting threat for removal
  - Stainless steel and titanium

- Headless Compression Screws (2.4 mm, 3.0 mm, 4.5 mm and 6.5 mm)
  - Surgeon-controlled compression
  - Self-drilling and self-tapping
  - Stainless steel and titanium

- Small External Fixation
  - Modular system
  - Intra-system compatibility
  - Multiplanar adjustment with single tightening point
  - Minilengthening apparatus

- Distraction Osteogenesis
  - Modular system
  - Intra-system compatibility
  - Clamp functionality allows customized frames

- Tibial Nail-EX
  - Anatomic bend facilitates nail insertion
  - Advanced proximal and distal locking options for increased stability
  - Dual-core locking design for optimized bone purchase
  - End cap to secure most proximal locking screw for fixed-angle construct

- Hindfoot Arthrodesis Nail-EX
  - Lateral bend allows insertion through lateral column of calcaneus
  - Increased surface area of spiral blade optimizes load distribution in the calcaneus
  - Option for screw extension into cuboid and metatarsal to verify in advanced fusions

- Modular Foot System
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