MAVEN™ Patient-Specific Guides and Surgical Planning Case Reports were developed to:

- Simplify and expedite alignment
- Accurately determine both implant size selection and placement critical for long-term survivorship

**PATIENT-SPECIFIC TECHNOLOGY BASED ON CT RESEARCH.**

Streamlined FasTrac™ Conversion Points for Refined Positioning & Micro Adjustments

Provides Secure & Stable Tactile Feedback During Initial Positioning

Equipped with a Medially Contoured Wrap to Reinforce Guide Stability

Identifies Anatomic Landmarks & Establishes Accurate Guide Positioning

**MINIMAL JOINT PREPARATION REQUIRED.**

Preserves Periosteum Due to Minimal Guide / Bone Contact Surface

Preserves Anterior Talar Cartilage

ALIGNMENT. ORIENTATION. POSITIONING.

The MAVEN PSI System utilizes surgeon inputs and computer assisted processing technology to achieve accurate tibiotalar alignment and implant placement to reduce potential for eccentric loads, wear debris and osteolysis."^{2,3}
SURGICAL PLANNING CASE REPORTS.

CT SCANNING PROTOCOLS.

- CT protocols are available in both weight-bearing and simulated weight-bearing scanning options
- Feature a comprehensive continuous knee scan, 5 cm proximal to the knee joint through the bottom of the foot for optimal visualization
- Incorporates 1.25 mm maximum slice spacing for optimal resolution

FOR MORE INFORMATION VISIT: APEXANKLE.COM
Paragon 28® APEX 3D™ Total Ankle Replacement System was designed to address end-stage ankle arthritis and current challenges within the total ankle market including: implant loosening, pathological wear, instability and persistent pain.

**RESEARCH BASED. SOLUTION FOCUSED.**

**Low-profile 3D Printed Tibial Tray**
designed for rotational stability and features a porous architecture with gradient zones down to solid substrate, available in Flat and ARC Tibia™ options

**Non-Coated Vertical Pegs**
positioned slightly posterior to mid-line where peak bone density is located for initial stability

**Anatomically Constrained Gentle Sulcus**
designed to mimic natural motion and reduce eccentric loading, available in Chamfer-cut and Flat-cut options

**Vitamin E Highly Cross-linked Poly**
to reduce oxidation, wear debris, and potential for osteolysis

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**References**


