

Value Analysis
Committee
Resource Guide

Fibonacci[™]

LOWER EXTREMITY
PLATING SYSTEM



AOS

ADVANCED ORTHOPAEDIC SOLUTIONS

Advanced Orthopaedic Solutions designs, manufactures, and markets orthopaedic trauma products, specializing in intramedullary fixation devices for minimally invasive surgical procedures. We rely on surgeon input to create solutions which are less invasive, more cost effective, and reduce surgical OR time, without compromise to the patient.



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ADVANCED ORTHOPAEDIC SOLUTIONS

About Advanced Orthopaedic Solutions

AOS is entirely focused on the orthopaedic trauma industry. We base our success by relying on the expertise of the surgeon in developing new products and instruments for minimally invasive, precise and reproducible surgical procedures. Along with our surgeon champion base, AOS works with universities and research scientists to advance our knowledge and creativity in manufacturing improved product solutions. Our vertically integrated team enables the company to rapidly develop new products which are then clinically proven by experienced surgeons. AOS has a large base of manufacturing expertise within the U.S., utilizing 'state of the art' methods and practices that are compliant with US and International quality systems. Moreover, AOS's products are distributed worldwide through independent distributors and agents. By building on strong customer relationships, AOS strives to continue to improve every aspect of the way we do business.

Value Added equals additional volume for hospital:

■ Time Saving

◇ Contoured plates fit better

- Creates less OR Time because you do not have to spend time contouring the plates to fit
- Percutaneous suture pulling
- Intraoperative contour
- **Fibonacci Equation contouring**
 - ◆ Saves time intraoperative contouring
 - ◆ Saves time in assisting with anatomical reduction

■ Instrumentation

◇ Percutaneous plate pulling technique

- Saves time on intraoperative exposure
- Saves time on intraoperative closure
 - ◆ **Snap on drill guides**

- Snap in vs threading drill guides

■ “All screws fit All holes”

◇ 4.0mm, 3.5mm, 2.7mm, 2.4mm

■ Thinness of the Lite and Calcaneus Plate

◇ 1.4 locking plates

- Auto-contour with screw insertion

◇ Unique Sinus Tarsi targeting jig for percutaneous minimally invasive plates



Product Overview:

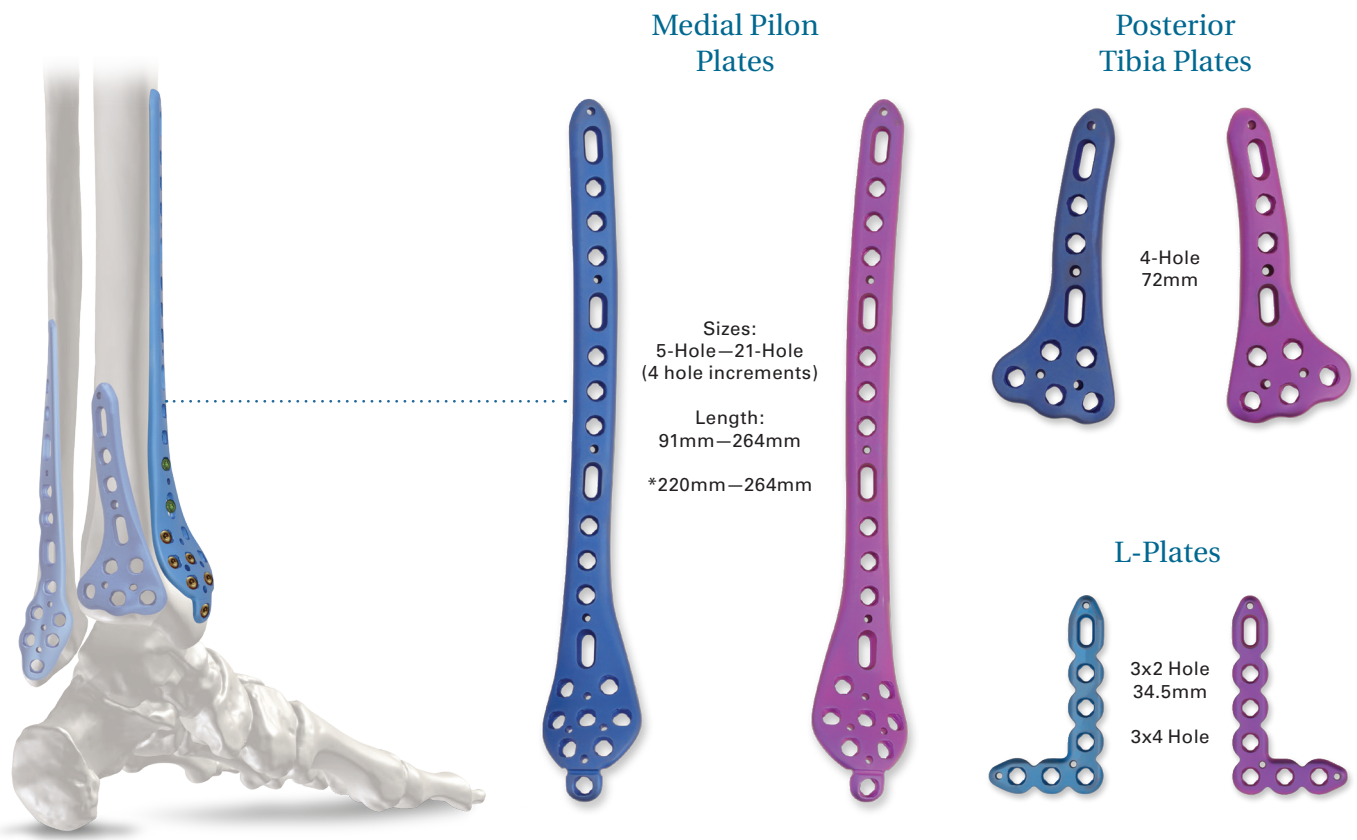
The AOS Fibonacci Lower Extremity System is a small fragment plating system intended to be used for fixation of fractures, osteotomies, and non-unions of the clavicle, scapula, olecranon, humerus, radius, ulna, pelvis, distal tibia, fibula, including osteopenic bone insertion easier.

Features & Benefits:

- **Comprehensive System** to address a broad range of Fractures: 52 pre-contoured and small fragment plates giving surgeons quick access to a broad range of plating options.
- **Variable Angle Locking Technology:** locking holes in each plate accommodate variable angle locking in a 30° cone utilizing 2.7mm and 3.5mm variable angle locking screws.
- **Screw options to capture every fragment:** with an extensive screw selection the Fibonacci System is setup to help fix the most difficult of fractures.
 - ◇ 2.4mm, 2.7mm, 3.5mm and 4.0mm non-locking options.
 - ◇ 2.7mm and 3.5mm variable angle locking options.
 - ◇ 3.5mm cannulated headless compression.
 - ◇ 4.0mm solid and cannulated screw available in two thread lengths: 50% thread, 25% thread.
- **Proprietary Instrumentation**
 - ◇ Elevator suture passer to aid in precise percutaneous plate placement.
 - ◇ Unique bending instrumentation to aid in the multi-planer contouring of the Fibonacci plating.
 - ◇ Comprehensive instrumentation provides access to less commonly supplied instruments.
 - Helpful in outpatient surgery centers settings and busy ORs.
- **Posterior Antiglides Technique:** Plate anatomically contoured to fit the posterior distal tibia to facilitate the tibial posterior antiglide technique.
- **Unique Hook Plate Design** aids in Fracture Reduction and Compression.
 - ◇ Drill guide to facilitate pre-drilling for distal spikes allowing for the plate to be slipped into position rather than impacted.
 - ◇ Suture holes in the plate allow for an easy and reproducible tension band technique to compress fractures.
- **Syndesmosis Fixation:**
 - ◇ Drill guide to facilitate pre-drilling for distal spikes allowing for the plate to be slipped into position rather than impacted.
 - ◇ Syndesmosis slots – anatomically oriented 30° degrees anteriorly for optimal screw placement (lateral fibular plate).
 - ◇ Strategically placed cutouts for syndesmotom screw placement (posterior fibular plate).
- **Medial Malleolus Fixation – multiple options, one system:** fix with cancellous lag screws or headless compression screws, tension band wiring, antiglide plate, and combination of varying other plates.

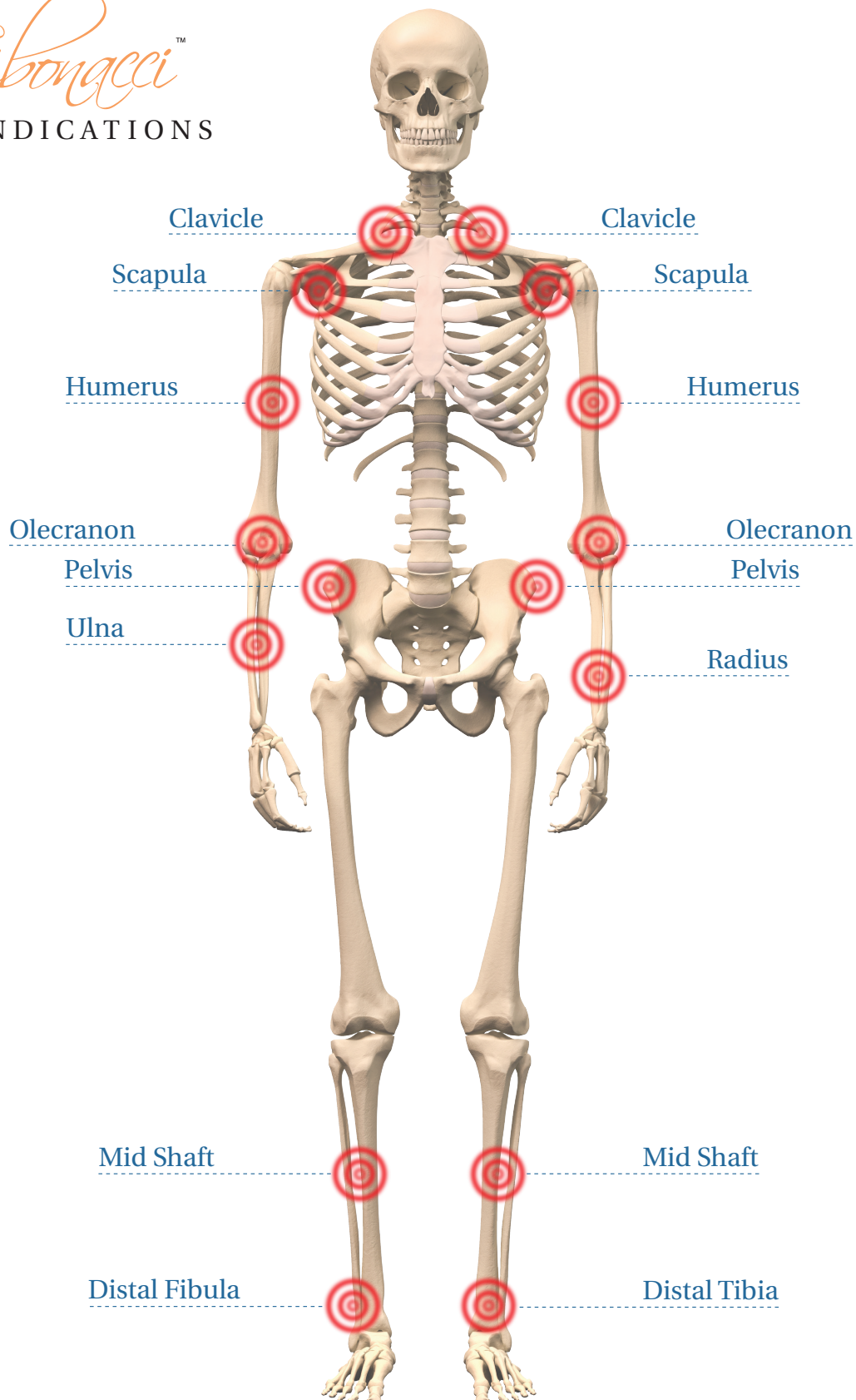
• **Superior Materials:**

- ◇ Ti-6Al-4V – provides a superior level of biocompatibility and corrosion resistance while providing an extremely strong material with a low modulus of elasticity.
- ◇ Type II Titanium Alloy anodize surface treatment – increases wear resistance and fatigue strength while decreasing frictional characteristics.



Anatomical Indications:

Fibonacci[™]
INDICATIONS



Product Comparisons

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>DePuy Synthes Plating Systems Breakdown</i>
	Specialty Plates	VA-LCP Ankle Trauma System
<i>Plate Type</i>	Anterolateral Distal Tibia Plates	Anterolateral Distal Tibial Plates
<i>Size (Holes)</i>	6-14 Holes	4-12 Holes (Optional 14-16 Holes)
<i>Size Increments</i>	4 Hole Increments	2 Hole Increments/3 Hole Increments
<i>Thickness</i>	2.3mm/3.5mm	2.7mm/3.5mm
<i>Length</i>	87-216mm (216-259mm Special Request Only)	82-202mm (232-292mm Optional)
<i>Anatomically Contouring</i>	Yes	Yes
<i>Side Specific</i>	Right & Left	Yes
<i>Material</i>	Titanium Alloy	Stainless Steel
<i>Locking Mechanism</i>	Low Profile Locking	No
<i>Plate Type</i>	Lateral Distal Fibula Plates	Lateral Distal Fibula Plates*
<i>Size (Holes)</i>	4 Hole, 6-8 Hole	3-7 Holes (Optional 9-15 Holes)
<i>Size Increments</i>	3 Hole Increments	1 Hole Increments (Optional 2 Hole Increments)
<i>Thickness</i>	2.3mm	2.7mm
<i>Length</i>	74-164mm (164-198mm Special Request Only)	73-177mm
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Right & Left	Yes
<i>Material</i>	Titanium Alloy	Stainless Steel
<i>Locking Mechanism</i>	Low Profile Locking	No
<i>Plate Type</i>	L-Plates	Posterolateral L-Plates
<i>Size (Holes)</i>	3x2 Hole/3x4 Hole	4-6 Holes
<i>Size Increments</i>	2 Hole Increments	2 Hole Increments
<i>Thickness</i>	2.3/3.0 mm	2.7mm
<i>Length</i>	34.5mm/52.6mm	72-90mm
<i>Anatomically Contouring</i>	Yes	Yes
<i>Side Specific</i>	Right & Left	Right & Left
<i>Material</i>	Titanium Alloy	Stainless Steel
<i>Locking Mechanism</i>	Low Profile Locking	No

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>DePuy Synthes Plating Systems Breakdown</i>
	Specialty Plates	VA-LCP Ankle Trauma System
<i>Plate Type</i>	T-Plates	Posterolateral T-Plates
<i>Size (Holes)</i>	2x3 Hole/2x5 Hole/3x3 Hole/3x5 Hole	4-6 Holes
<i>Size Increments</i>	2 Hole Increments	2 Hole Increments
<i>Thickness</i>	2.3mm	2.7mm
<i>Length</i>	62.5mm/44.5mm	72-90mm
<i>Anatomically Contouring</i>	No	Yes
<i>Side Specific</i>	No	No
<i>Material</i>	Titanium Alloy	Stainless Steel
<i>Locking Mechanism</i>	Low Profile Locking	No

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>DePuy Synthes Plating Systems Breakdown</i>
	AOS Screws	VA-LCP Screws
<i>Screw Type</i>	Cortical Screw	Cortex Screws
<i>Diameter</i>	2.7mm	2.7mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Self Tapping
<i>Length</i>	10-50mm	10-60mm

<i>Screw Type</i>	Cortical Screw	Cortex Screws
<i>Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Self Tapping
<i>Length</i>	10-60mm	10-60mm

<i>Screw Type</i>	Cortical Screw	VA Locking Screws
<i>Diameter</i>	2.7mm	2.7mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Self Tapping
<i>Length</i>	10-50mm	10-60mm

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>DePuy Synthes Plating Systems Breakdown</i>
	AOS Screws	VA-LCP Screws
<i>Screw Type</i>	Cortical Screw	VA Locking Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Self Tapping
<i>Length</i>	10-60mm	10-60mm

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>DePuy Synthes Plating Systems Breakdown</i>
	Distal Fibula Plates	LCP Distal Fibula Plate System
<i>Plate Type</i>	Distal Posterior Fibula Plates	Posterolateral Distal Fibula Plates
<i>Size (Holes)</i>	5-Hole/7-Hole	3-11 Holes
<i>Size Increments</i>	3 Hole Increments	
<i>Thickness</i>	2.3mm	2.7mm/3.5mm
<i>Length</i>	83mm/118mm	77-181mm
<i>Anatomically Contouring</i>	Yes	Yes
<i>Side Specific</i>	N/A	Yes
<i>Material</i>	Titanium Alloy	Titanium Alloy OR Stainless Steel
<i>Locking Mechanism</i>	Low Profile Locking	No

<i>Plate Type</i>	Lateral Distal Fibula Plates	Lateral Distal Fibula Plates*
<i>Size (Holes)</i>	4 Hole, 6-15 Hole	3-11 Holes
<i>Size Increments</i>	3 Hole Increments	
<i>Thickness</i>	2.3mm	2.7mm/3.5mm
<i>Length</i>	74-164mm (164-198mm Special Request Only)	73-177mm
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Right & Left	Yes
<i>Material</i>	Titanium Alloy	Titanium Alloy OR Stainless Steel
<i>Locking Mechanism</i>	Low Profile Locking	No

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>DePuy Synthes Plating Systems Breakdown</i>
	Distal Fibula Plate Screws	LCP Distal Fibula Plate System Screws
<i>Screw Type</i>	Cortical Screw	Cortex Screws
<i>Proximal Diameter</i>	2.4mm	2.4mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Self Tapping
<i>Length</i>	10-40mm	12-30mm
<i>Screw Type</i>	Cortical Screw	Cortex Screws
<i>Proximal Diameter</i>	2.7mm	2.7mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Self Tapping
<i>Length</i>	10-50mm	10-60mm
<i>Screw Type</i>	Cortical Screw	Cortex Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Self Tapping
<i>Length</i>	10-60mm	10-65mm
<i>Screw Type</i>	Cancellous Screw	Cancellous Screws
<i>Proximal Diameter</i>	4.0mm	4.0mm
<i>Thread</i>	Partially Threaded	Partially Threaded
<i>Locking Option</i>	Non-Locking	Non-Locking
<i>Length</i>	14-60mm	10/5-60/16mm
<i>Screw Type</i>	Cancellous Screw	Cancellous Screws
<i>Proximal Diameter</i>	4.0mm	4.0mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Non-Locking
<i>Length</i>	18-60mm	10-60mm

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>DePuy Synthes Plating Systems Breakdown</i>
	Distal Fibula Plate Screws	LCP Distal Fibula Plate System Screws
<i>Screw Type</i>	Cortical Screw	Locking Screws
<i>Proximal Diameter</i>	2.7mm	2.7mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Self-Tapping
<i>Length</i>	10-50mm	10-60mm

<i>Screw Type</i>	Cortical Screw	Locking Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Self-Tapping
<i>Length</i>	10-60mm	10-65mm

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>DePuy Synthes Plating Systems Breakdown</i>
	Fibonacci Calcaneal Plating System	VA-LCP Midfoot/Hindfoot System
<i>Plate Type</i>	Perimeter Calcaneal Plates	Variable Angle Locking Calcaneal Plate
<i>Size (Holes)</i>	15-Hole	18 Holes
<i>Thickness</i>	1.4mm	2.7mm
<i>Length</i>	63.3-75.6mm	58-70mm
<i>Anatomically Contouring</i>	Yes	Yes
<i>Side Specific</i>	Yes	Yes
<i>Material</i>	Titanium Alloy	Stainless Steel OR Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	Variable Angle Locking

<i>Plate Type</i>	Sinus Tarsi Calcaneal Plates	Variable Angle Locking Anterolateral Calcaneal Plate
<i>Size (Holes)</i>	9-Hole	8-11 Holes
<i>Size Increments</i>		3 Hole Increments
<i>Thickness</i>	1.4mm	2.7mm
<i>Length</i>	60.2-80.2mm	40-56mm
<i>Anatomically Contouring</i>	Yes	Yes
<i>Side Specific</i>	Yes	Yes
<i>Material</i>	Titanium Alloy	Stainless Steel OR Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	Variable Angle Locking

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>DePuy Synthes Plating Systems Breakdown</i>
	Fibonacci Calcaneal Plating System Screws	VA-LCP Midfoot/Hindfoot System Screws
<i>Screw Type</i>	Cortical Screw	Cortex Screws
<i>Proximal Diameter</i>	2.7mm	2.7mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Self Tapping
<i>Length</i>	10-50mm	10-60mm

<i>Screw Type</i>	Cortical Screw	Cortex Screws
<i>Proximal Diameter</i>	3.5mm	2.7mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Self Tapping
<i>Length</i>	10-60mm	8-60mm

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>DePuy Synthes Plating Systems Breakdown</i>
	Fibonacci Calcaneal Plating System Screws	VA-LCP Midfoot/Hindfoot System Screws
<i>Screw Type</i>	Cortical Screw	Variable Angle Locking Screws
<i>Proximal Diameter</i>	2.7mm	2.7mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Self Tapping
<i>Length</i>	10-50mm	16-56mm

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>DePuy Synthes Plating Systems Breakdown</i>
	Other Plates	Other Plates
<i>Plate Type</i>	Posterior Tibia Plates	Product Not Available
<i>Plate Type</i>	Anterior Cortical Rim Plate	Product Not Available
<i>Plate Type</i>	Anterior Distal Tibia Plates	Product Not Available
<i>Plate Type</i>	Lite T-Plates	Product Not Available
<i>Plate Type</i>	Oblique T-Plate	Product Not Available
<i>Plate Type</i>	Distal Hook Plates	Product Not Available
<i>Plate Type</i>	Lite Distal Hook Plates	Product Not Available
<i>Plate Type</i>	Semi-Tubular Plates	Product Not Available
<i>Plate Type</i>	Lite Semi-Tubular Plates	Product Not Available
<i>Plate Type</i>	Straight Plates	Product Not Available
<i>Plate Type</i>	Lite Straight Plates	Product Not Available

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Paragon 28 Plating System Breakdown</i>
	Specialty Plates	Gorilla Ankle Fracture Plating System
<i>Plate Type</i>	Anterolateral Distal Tibia Plates	Anterolateral Distal Tibia Plate
<i>Size (Holes)</i>	6-22 Holes	4-18 Holes
<i>Size Increments</i>	4 Hole Increments	2-Hole Increments
<i>Thickness</i>	2.3mm	1.8mm
<i>Length</i>	87-216mm (216-259mm Special Request Only)	N/A
<i>Contouring Highlights</i>	Yes	No
<i>Side Specific</i>	Right & Left	Yes
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	N/A

<i>Plate Type</i>	Distal Posterior Fibula Plates	Posterolateral Fibula Plate
<i>Size (Holes)</i>	5-Hole/7-Hole	7-11 Holes
<i>Size Increments</i>	3-Hole Increments	2-Hole Increments
<i>Thickness</i>	2.3mm	1.3mm
<i>Length</i>	83mm/118mm	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	N/A	N/A
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	N/A

<i>Plate Type</i>	Lateral Distal Fibula Plates	Anatomic Fibular Plate
<i>Size (Holes)</i>	4 Hole, 6-15 Hole	7-17 Holes
<i>Size Increments</i>	3 Hole Increments	2-Hole Increments
<i>Thickness</i>	2.3mm	1.5mm
<i>Length</i>	74-164mm (164-198mm Special Request Only)	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Right & Left	Yes
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	N/A

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Paragon 28 Plating System Breakdown</i>
	Specialty Plate	Gorilla Ankle Fracture Plating System
<i>Plate Type</i>	Straight Lite Plates	Straight Fibular Plate
<i>Size (Holes)</i>	3-21 Holes	3-16 Holes
<i>Size Increments</i>	2 Hole Increments	1-Hole Increments (10-16 2-Hole Increments)
<i>Thickness</i>	1.4mm/2.3mm	1.5mm
<i>Length</i>	3.7-203mm	N/A
<i>Contouring Highlights</i>	No	Yes
<i>Side Specific</i>	No	Symmetrical
<i>Material</i>	Titanium Alloy	CP4 Grade Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	No

<i>Plate Type</i>	Medial Pilon Plates	Medial Malleolus Plate
<i>Size (Holes)</i>	5-21 Holes	7-Hole
<i>Size Increments</i>	4-hole Increments	N/A
<i>Thickness</i>	2.3mm/3.5mm	1.5mm
<i>Length</i>	91-220mm (220-264mm Special Request Only)	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Yes	Symmetrical
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	N/A

<i>Plate Type</i>	Posterior Tibia Plates	Posterolateral Tibia Plate
<i>Size (Holes)</i>	4-Hole	5-8 Holes
<i>Size Increments</i>	N/A	1-Hole Increments
<i>Thickness</i>	2.3mm/3.5mm	1.5mm
<i>Length</i>	72mm	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Yes	Yes
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	N/A

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Paragon 28 Plating System Breakdown</i>
	Specialty Plates	Gorilla Ankle Fracture Plating System
<i>Plate Type</i>	Posterior Tibia Plates	Posteromedial Tibia Plate
<i>Size (Holes)</i>	4-Hole	6 and 8 Holes
<i>Size Increments</i>	N/A	N/A
<i>Thickness</i>	2.3mm/3.5mm	1.5mm
<i>Length</i>	72mm	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Yes	Yes
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	N/A

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Paragon 28 Plating System Breakdown</i>
	Universal Plates	Gorilla Ankle Fracture Plating System
<i>Plate Type</i>	Anterior Distal Tibia Plates	Anterior Distal Tibia Plate
<i>Size (Holes)</i>	3-Hole/5-Hole	2-6 Holes
<i>Size Increments</i>	2-Hole Increments	2-Hole Increments
<i>Thickness</i>	2.3mm	1.8mm
<i>Length</i>	61.2mm - 80.3mm	N/A
<i>Contouring Highlights</i>	Yes	N/A
<i>Side Specific</i>	Yes	Symmetrical
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	N/A

<i>Plate Type</i>	Distal Hook Plates	Lateral Malleolus Hook Plate
<i>Size (Holes)</i>	3-Hole/5-Hole/7-Hole	5 and 6 Holes
<i>Size Increments</i>	2-Hole Increments	N/A
<i>Thickness</i>	2.3mm	1.5mm
<i>Length</i>	40mm/63mm/86mm	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Yes	Yes
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	N/A

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Paragon 28 Plating System Breakdown</i>
	Universal Plates	Gorilla Calcaneal Fracture Plating System
<i>Plate Type</i>	Lite Distal Hook Plates	Straight Hook Plate
<i>Size (Holes)</i>	4-8 Holes	5 and 6 Holes
<i>Size Increments</i>	2-Hole Increments	N/A
<i>Thickness</i>	1.4mm	1.5mm
<i>Length</i>	40-86mm	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Yes	Symmetrical
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	N/A

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Paragon 28 Plating System Breakdown</i>
	Fibonacci calcaneal Plating Systems	Gorilla Calcaneal Fracture Plating System
<i>Plate Type</i>	Perimeter Calcaneal Plates	Calc Fracture Perimeter
<i>Size (Holes)</i>	15-Hole	6-Hole
<i>Thickness</i>	1.4mm	1.1mm
<i>Length</i>	63.3-75.6mm	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Yes	Yes
<i>Material</i>	Titanium Alloy	CP4 Grade Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	No

<i>Plate Type</i>	Sinus Tarsi Calcaneal Plates	Sinus Tarsi Plate
<i>Size (Holes)</i>	9-Hole	10-Hole
<i>Thickness</i>	1.4mm	1.1mm
<i>Length</i>	60.2-80.2mm	N/A
<i>Contouring Highlights</i>	Yes	No
<i>Side Specific</i>	Yes	Yes
<i>Material</i>	Titanium Alloy	Titanium Alloy (Ti-6Al-4V)
<i>Locking Mechanism</i>	Low Profile Locking	No

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Paragon 28 Plating System Breakdown</i>
	AOS Screws	Screw Type for Both Gorilla Systems
<i>Screw Type</i>	Cortical Screw	Product Not Available
<i>Proximal Diameter</i>	2.4mm	Product Not Available
<i>Thread</i>	Fully Threaded	Product Not Available
<i>Locking Option</i>	Non-Locking	Product Not Available
<i>Length</i>	10-40mm	Product Not Available

<i>Screw Type</i>	Cortical Screw	Solid Screw
<i>Proximal Diameter</i>	2.7mm	2.7mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Not Specified
<i>Length</i>	10-50mm	22-40mm

<i>Screw Type</i>	Cortical Screw	Solid Screw
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Not Specified
<i>Length</i>	10-60mm	10-50mm

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Paragon 28 Plating System Breakdown</i>
	Other Plates	Other Plates
<i>Plate Type</i>	Medial Pilon Plates	Product Not Available
<i>Plate Type</i>	Anterior Cortical Rim Plate	Product Not Available
<i>Plate Type</i>	L-Plates	Product Not Available
<i>Plate Type</i>	Oblique T-Plate	Product Not Available
<i>Plate Type</i>	Semi-Tubular Plates	Product Not Available
<i>Plate Type</i>	Lite Semi-Tubular Plates	Product Not Available
<i>Plate Type</i>	Lite Straight Plates	Product Not Available
<i>Plate Type</i>	T-Plates	Product Not Available
<i>Plate Type</i>	Lite T-Plates	Product Not Available

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Paragon 28 Plating System Breakdown</i>
	AOS Screws	Screw Type for Both Gorilla Systems
<i>Screw Type</i>	Cancellous Screw	Solid Screw
<i>Proximal Diameter</i>	4.0mm	4.0mm
<i>Thread</i>	Partially Threaded	Partially Threaded
<i>Locking Option</i>	Non-Locking	Not Specified
<i>Length</i>	14-60mm	12-50mm
<i>Screw Type</i>	Cancellous Screw	Solid Screw
<i>Proximal Diameter</i>	4.0mm	4.0mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Not Specified
<i>Length</i>	18-60mm	55-60mm
<i>Screw Type</i>	2.4mm Cortical Screw, Non-locking, F/T	Product Not Available
<i>Proximal Diameter</i>	2.4mm Cortical Screw, Variable Angle, F/T	Product Not Available
<i>Thread</i>	3.5mm Cortical Screw, Variable Angle, F/T	Product Not Available
<i>Locking Option</i>	4.0mm Cancellous Screw, Non-locking, P/T	Product Not Available
<i>Length</i>	20-60mm	Product Not Available

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Stryker Plating System Breakdown</i>
	Specialty Plates	VariAx Fibula Locking Plate System
<i>Plate Type</i>	Lateral Distal Fibula Plates	Distal Lateral Fibula Plates
<i>Size (Holes)</i>	4 Hole, 6-15 Hole	3-12 Holes
<i>Size Increments</i>	3 Hole Increments	N/A
<i>Thickness</i>	2.3mm	1.3-2.0mm (Distal to Proximal)
<i>Length</i>	74-164mm (164-198mm Special Request Only)	77-185mm
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Right & Left	N/A
<i>Material</i>	Titanium Alloy	Type II Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	N/A

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Stryker Plating System Breakdown</i>
	Universal Plates	VariAx Fibula Locking Plate System
<i>Plate Type</i>	Semi-Tubular Plates	One Third Tubular Plates
<i>Size (Holes)</i>	3-21 Holes	2-16 Holes
<i>Size Increments</i>	2 Hole Increments	N/A
<i>Thickness</i>	2.3mm	1.7mm
<i>Length</i>	3.7-20.3mm	23-191mm
<i>Contouring Highlights</i>	No	No
<i>Side Specific</i>	No	Symmetrical
<i>Material</i>	Titanium Alloy	Type II Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	No

<i>Plate Type</i>	Lite Semi-Tubular Plates	One Third Tubular Plates
<i>Size (Holes)</i>	3-21 Holes	2-16 Holes
<i>Size Increments</i>	2 Hole Increments	N/A
<i>Thickness</i>	1.4mm	1.7mm
<i>Length</i>	3.7-20.3mm	23-191mm
<i>Contouring Highlights</i>	No	No
<i>Side Specific</i>	No	Symmetrical
<i>Material</i>	Titanium Alloy	Type II Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	No

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Stryker Plating System Breakdown</i>
	Universal Plates	VariAx Fibula Locking Plate System
<i>Size (Holes)</i>	3-21 Holes	2-16 Holes
<i>Size Increments</i>	2 Hole Increments	N/A
<i>Thickness</i>	2.3mm	2.0mm
<i>Length</i>	3.7-20.3mm	28.5-204mm
<i>Contouring Highlights</i>	No	No
<i>Side Specific</i>	No	Symmetrical
<i>Material</i>	Titanium Alloy	Type II Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	No

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Stryker Plating System Breakdown</i>
	AOS Screws	VariAx Fibula Locking Plate System Screws
<i>Screw Type</i>	Cortical Screw	Non-Locking Screw
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Non-Locking
<i>Length</i>	10-60mm	10-70mm

<i>Screw Type</i>	Cortical Screw	Locking Screw
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Locking
<i>Length</i>	10-60mm	10-70mm

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Stryker Plating System Breakdown</i>
	Universal Plates	AxSOS 3 Ti Distal Tibia Screws
<i>Plate Type</i>	Anterior Distal Tibia Plates	Distal Media Tibial Plates
<i>Size (Holes)</i>	3-Hole/5-Hole	N/A
<i>Size Increments</i>		N/A
<i>Thickness</i>	2.3mm	4.0mm
<i>Length</i>	61.2mm	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Yes	Yes
<i>Material</i>	Titanium Alloy	Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	N/A

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Stryker Plating System Breakdown</i>
	Other Plates	Other Plates
<i>Plate Type</i>	Distal Posterior Fibula Plates	Product Not Available
<i>Plate Type</i>	L-Plates	Product Not Available
<i>Plate Type</i>	Medial Pilon Plates	Product Not Available
<i>Plate Type</i>	Oblique T-Plate	Product Not Available
<i>Plate Type</i>	Posterior Tibia Plates	Product Not Available
<i>Plate Type</i>	Anterior Cortical Rim Plate	Product Not Available
<i>Plate Type</i>	Perimeter Calcaneal Plates	Product Not Available
<i>Plate Type</i>	Sinus Tarsi Calcaneal Plates	Product Not Available
<i>Plate Type</i>	Distal Hook Plates	Product Not Available
<i>Plate Type</i>	Lite Distal Hook Plates	Product Not Available
<i>Plate Type</i>	Lite Straight Plates	Product Not Available
<i>Plate Type</i>	T-Plates	Product Not Available
<i>Plate Type</i>	Lite T-Plates	Product Not Available

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Stryker Plating System Breakdown</i>
	AOS Screws	AxSOS 3 Ti Distal Tibia Screws
<i>Screw Type</i>	Cancellous Screw	Cancellous Screws
<i>Proximal Diameter</i>	4.0mm	4.0mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Variable Angle Locking
<i>Length</i>	18-60mm	Not Available
<i>Screw Type</i>	Cortical Screw	Cortex Screw
<i>Proximal Diameter</i>	2.7mm	2.7mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Non-Locking
<i>Length</i>	10-50mm	Not Available
<i>Screw Type</i>	Cortical Screw	Cortex Screw
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Non-Locking
<i>Length</i>	10-60mm	Not Available
<i>Screw Type</i>	Cannulated Screw	Blind Screw
<i>Proximal Diameter</i>	3.5mm	4.0mm
<i>Thread</i>	Partially Threaded	Fully Threaded
<i>Locking Option</i>	Headless Compression	Non-Locking
<i>Length</i>	20-60mm	Not Available
<i>Screw Type</i>	Cancellous Screw	Cancellous Screws
<i>Proximal Diameter</i>	4.0mm	4.0mm
<i>Thread</i>	Partially Threaded	Partially Threaded
<i>Locking Option</i>	Non-Locking	Non-Locking
<i>Length</i>	20-60mm	Not Available
<i>Screw Type</i>	2.4mm Cortical Screw	Product Not Available
<i>Screw Type</i>	2.7mm Cortical Screw	Product Not Available
<i>Screw Type</i>	3.5mm Cortical Screw	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw	Product Not Available

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Wright Medical Plating System Breakdown</i>
	Specialty Plates	OrthoLoc 3Di Ankle Fracture System
<i>Plate Type</i>	Anterolateral Distal Tibia Plates	Anterior Lateral Tibia Plates
<i>Size (Holes)</i>	6-22 Holes	9-13 Holes
<i>Size Increments</i>	4 Hole Increments	4-Hole Increments
<i>Thickness</i>	2.3mm	N/A
<i>Length</i>	87-216mm (216-259mm Special Request Only)	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Right & Left	Yes
<i>Material</i>	Titanium Alloy	Type II Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	No

<i>Plate Type</i>	Distal Posterior Fibula Plates	Posterior Fibula Plates
<i>Size (Holes)</i>	5-Hole/7-Hole	8-11 Holes
<i>Thickness</i>	2.3mm	N/A
<i>Length</i>	83mm/118mm	57-70mm
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	N/A	Yes
<i>Material</i>	Titanium Alloy	Type II Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	No

<i>Plate Type</i>	Lateral Distal Fibula Plates	Lateral Fibula Plates
<i>Size (Holes)</i>	4 Hole, 6-15 Hole	8-14 Holes
<i>Size Increments</i>	3 Hole Increments	3-Hole Increments
<i>Thickness</i>	2.3mm	1.5mm
<i>Length</i>	74-164mm (164-198mm Special Request Only)	77-125mm
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Right & Left	Yes
<i>Material</i>	Titanium Alloy	Type II Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	No

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Wright Medical Plating System Breakdown</i>
	Specialty Plates	OrthoLoc 3Di Ankle Fracture System
<i>Plate Type</i>	Posterior Tibia Plates	Posterior Tibia Plates
<i>Size (Holes)</i>	4-Hole	3-Holes
<i>Thickness</i>	2.3mm	N/A
<i>Length</i>	72mm	N/A
<i>Contouring Highlights</i>	Yes	No
<i>Side Specific</i>	Yes	N/A
<i>Material</i>	Titanium Alloy	Type II Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	N/A

<i>Plate Type</i>	Anterior Distal Tibia Plates	Anterior Tibia Plates
<i>Size (Holes)</i>	3-Hole/5-Hole	9-11 Holes
<i>Thickness</i>	2.3mm	N/A
<i>Length</i>	61.2mm	N/A
<i>Contouring Highlights</i>	Yes	No
<i>Side Specific</i>	Yes	N/A
<i>Material</i>	Titanium Alloy	Type II Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	N/A

<i>Plate Type</i>	Distal Hook Plates	Hook Plates
<i>Size (Holes)</i>	3-Hole/5-Hole/7-Hole	5-Holes
<i>Thickness</i>	2.3mm	N/A
<i>Length</i>	40mm/63mm/86mm	50-70mm
<i>Contouring Highlights</i>	Yes	No
<i>Side Specific</i>	Yes	No
<i>Material</i>	Titanium Alloy	Type II Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	No

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Wright Medical Plating System Breakdown</i>
	Specialty Plates	OrthoLoc 3Di Ankle Fracture System
<i>Plate Type</i>	Semi-Tubular Plates	1/3 Tubular Plates
<i>Size (Holes)</i>	3-21 Holes	5-12 Holes
<i>Size Increments</i>	2 Hole Increments	1-Hole Increments (10-12, 2-Hole Increments)
<i>Thickness</i>	2.3mm	1.3mm
<i>Length</i>	3.7-20.3mm	64-148mm
<i>Contouring Highlights</i>	No	No
<i>Side Specific</i>	No	No
<i>Material</i>	Titanium Alloy	Type II Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	No

<i>Plate Type</i>	Lite Semi-Tubular Plates	1/3 Tubular Plates
<i>Size (Holes)</i>	3-21 Holes	5-12 Holes
<i>Size Increments</i>	2 Hole Increments	1-Hole Increments (10-12, 2-Hole Increments)
<i>Thickness</i>	1.4mm	1.3mm
<i>Length</i>	3.7-20.3mm	64-148mm
<i>Contouring Highlights</i>	No	No
<i>Side Specific</i>	No	No
<i>Material</i>	Titanium Alloy	Type II Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	No

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Wright Medical Plating System Breakdown</i>
	AOS Screws	OrthoLoc 3Di Ankle Fracture System Screws
<i>Screw Type</i>	Cortical Screw	Low-Profile Screws
<i>Proximal Diameter</i>	2.7mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Yes
<i>Length</i>	10-50mm	10-60mm

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Wright Medical Plating System Breakdown</i>
	AOS Screws	OrthoLoc 3Di Ankle Fracture System Screws
<i>Screw Type</i>	Cortical Screw	Cortical Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	N/A
<i>Locking Option</i>	Non-Locking	N/A
<i>Length</i>	10-60mm	10-60mm
<i>Screw Type</i>	Cancellous Screw	Cancellous Screws
<i>Proximal Diameter</i>	4.0mm	4.0mm
<i>Thread</i>	Partially Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	N/A
<i>Length</i>	14-60mm	12-60mm
<i>Screw Type</i>	Cancellous Screw	Cancellous Screws
<i>Proximal Diameter</i>	4.0mm	4.0mm
<i>Thread</i>	Partially Threaded	Partially Threaded
<i>Locking Option</i>	Non-Locking	N/A
<i>Length</i>	20-60mm	20-60mm
<i>Screw Type</i>	Cortical Screw	Locking Screws
<i>Proximal Diameter</i>	2.7mm	2.7mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Yes
<i>Length</i>	10-50mm	10-60mm
<i>Screw Type</i>	Cortical Screw	Locking Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Yes
<i>Length</i>	10-60mm	10-60mm
<i>Screw Type</i>	Cannulated Screw	Cannulated Screws
<i>Proximal Diameter</i>	3.5mm	4.0mm
<i>Thread</i>	Partially Threaded	Partially Threaded
<i>Locking Option</i>	Headless Compression	N/A
<i>Length</i>	20-60mm	20-60mm
<i>Screw Type</i>	2.4mm Cortical Screw	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw	Product Not Available

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Wright Medical Plating System Breakdown</i>
	Fibonacci Calcaneal Plating System	OrthoLoc Calcaneal Fracture System
<i>Plate Type</i>	Perimeter Calcaneal Plates	Perimeter Calcaneal Plates
<i>Size (Holes)</i>	15-Hole	16 Holes
<i>Thickness</i>	1.4mm	N/A
<i>Length</i>	63.3-75.6mm	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Yes	Yes
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	No

	<i>AOS Fibonacci Plating System Plate Breakdown</i>	<i>Wright Medical Plating System Breakdown</i>
	Fibonacci Calcaneal Plating System Screws	OrthoLoc Calcaneal Fracture System Screws
<i>Screw Type</i>	Cortical Screw	Non-Locking Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	No
<i>Length</i>	10-60mm	20-50mm

<i>Screw Type</i>	Cortical Screw	Locking Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Yes
<i>Length</i>	10-60mm	20-50mm

<i>Screw Type</i>	2.4mm Cortical Screw	Product Not Available
<i>Screw Type</i>	2.7mm Cortical Screw	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw, Partially Threaded	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw, Fully Threaded	Product Not Available
<i>Screw Type</i>	2.7mm Cortical Screw	Product Not Available
<i>Screw Type</i>	3.5mm Cannulated Screw	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw	Product Not Available

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Wright Medical Plating System Breakdown</i>
	AOS Calcaneal Screws	DARCO Modular Rearfoot System
<i>Plate Type</i>	Sinus Tarsi Calcaneal Plates	DARCO Calcaneal Plates
<i>Size (Holes)</i>	9-Hole	16 Holes
<i>Thickness</i>	1.4mm	1.5mm
<i>Length</i>	60.2-80.2mm	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Yes	Yes
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	No

<i>Plate Type</i>	L-Plates	Product Not Available
<i>Plate Type</i>	Medial Pilon Plates	Product Not Available
<i>Plate Type</i>	Oblique T-Plate	Product Not Available
<i>Plate Type</i>	Anterior Cortical Rim Plate	Product Not Available
<i>Plate Type</i>	Lite Distal Hook Plates	Product Not Available
<i>Plate Type</i>	Straight Plates	Product Not Available
<i>Plate Type</i>	Lite Straight Plates	Product Not Available
<i>Plate Type</i>	T-Plates	Product Not Available
<i>Plate Type</i>	Lite T-Plates	Product Not Available

	<i>AOS Fibonacci Plating System Plate Breakdown</i>	<i>Wright Medical Plating System Breakdown</i>
	AOS Screws	DARCO Modular Rearfoot System Screws
<i>Screw Type</i>	Cortical Screw	Non-Locking Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	No
<i>Length</i>	10-60mm	20-50mm
<i>Screw Type</i>	Cortical Screw	Locking Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Yes
<i>Length</i>	10-60mm	20-50mm

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Wright Medical Plating System Breakdown</i>
	AOS Screws	DARCO Modular Rearfoot System Screws
<i>Screw Type</i>	2.4mm Cortical Screw	Product Not Available
<i>Screw Type</i>	2.7mm Cortical Screw	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw, Partially Threaded	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw, Fully Threaded	Product Not Available
<i>Screw Type</i>	2.7mm Cortical Screw	Product Not Available
<i>Screw Type</i>	3.5mm Cannulated Screw	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw	Product Not Available

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	Specialty Plates	ALPS Distal Tibia Plating System
<i>Plate Type</i>	Anterolateral Distal Tibia Plates	Anterolateral Distal Tibia Plates
<i>Size (Holes)</i>	6-22 Holes	6-15 Holes
<i>Size Increments</i>	4 Hole Increments	3-Hole Increments
<i>Thickness</i>	2.3mm/3.5mm	3mm
<i>Length</i>	87-216mm (216-259mm Special Request Only)	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Right & Left	Yes
<i>Material</i>	Titanium Alloy	Type 2 Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	Low Profile Locking

<i>Plate Type</i>	Anterior Distal Tibia Plates	Medial Distal Tibia Locking Plate
<i>Size (Holes)</i>	3-Hole/5-Hole	6-15 Holes
<i>Thickness</i>	2.3mm	3mm
<i>Length</i>	61.2mm	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Yes	Yes
<i>Material</i>	Titanium Alloy	Type 2 Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	Low Profile Locking

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	AOS Screws	ALPS Distal Tibia Plating System Screws
<i>Screw Type</i>	Cortical Screw	Cortical Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Non-Locking
<i>Length</i>	10-60mm	10-70mm
<i>Screw Type</i>	Cancellous Screw	Cancellous Screws
<i>Proximal Diameter</i>	4.0mm	4.0mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Non-Locking
<i>Length</i>	18-60mm	10-70mm

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	AOS Screws	ALPS Distal Tibia Plating System Screws
<i>Screw Type</i>	Cancellous Screw	Cancellous Lag Screws
<i>Proximal Diameter</i>	4.0mm	4.0mm
<i>Thread</i>	Partially Threaded	Partially Threaded
<i>Locking Option</i>	Non-Locking	Non-Locking
<i>Length</i>	20-60mm	10-70mm
<i>Screw Type</i>	Cortical Screw	Cortical Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Locking
<i>Length</i>	10-60mm	10-70mm
<i>Screw Type</i>	Cortical Screw	Multi-Directional Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Locking
<i>Length</i>	10-60mm	20-60mm
<i>Screw Type</i>	Cannulated Screw	Cannulated Cancellous Lag Screws
<i>Proximal Diameter</i>	3.5mm	4.0mm
<i>Thread</i>	Partially Threaded	Partially Threaded
<i>Locking Option</i>	Headless Compression	Non-Locking
<i>Length</i>	20-60mm	10-70mm
<i>Screw Type</i>	2.4mm Cortical Screw	Product Not Available
<i>Screw Type</i>	2.7mm Cortical Screw	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw	Product Not Available
<i>Screw Type</i>	2.7mm Cortical Screw	Product Not Available

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	Specialty Plates	ALPS Distal Fibula Plating System
<i>Plate Type</i>	Lateral Distal Fibula Plates	Anatomic Fibula Locking Plate
<i>Size (Holes)</i>	4 Hole, 6-15 Hole	3, 4, 6, 8, 10 Holes
<i>Size Increments</i>	3 Hole Increments	N/A
<i>Thickness</i>	2.3mm	2.8mm
<i>Length</i>	74-164mm (164-198mm Special Request Only)	N/A
<i>Contouring Highlights</i>	Yes	Yes
<i>Side Specific</i>	Right & Left	Yes
<i>Material</i>	Titanium Alloy	Type 2 Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	Low Profile Locking

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	Universal Plates	ALPS Distal Fibula Plating System
<i>Plate Type</i>	Straight Plates	Fibula Composite Locking Plate
<i>Size (Holes)</i>	3-21 Holes	6, 7, 8, 10, 12, 14 Holes
<i>Size Increments</i>	2 Hole Increments	N/A
<i>Thickness</i>	2.3mm	2.8mm
<i>Length</i>	3.7-20.3mm	N/A
<i>Contouring Highlights</i>	No	No
<i>Side Specific</i>	No	No
<i>Material</i>	Titanium Alloy	Type 2 Anodized Titanium Alloy
<i>Locking Mechanism</i>	Low Profile Locking	Low Profile Locking

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	AOS Screws	ALPS Distal Fibula Plating System Screws
<i>Screw Type</i>	Cortical Screw	Low Profile Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Non-Locking
<i>Length</i>	10-60mm	10-70mm
<i>Screw Type</i>	4.0mm Cancellous Screw	Product Not Available
<i>Screw Type</i>	Cancellous Screw	Cancellous Screws
<i>Proximal Diameter</i>	4.0mm	4.0mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Locking
<i>Length</i>	18-60mm	10-70mm
<i>Screw Type</i>	Cortical Screw	Cortical Screws
<i>Proximal Diameter</i>	2.7mm	2.7mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Locking
<i>Length</i>	10-50mm	10-50mm
<i>Screw Type</i>	Cortical Screw	Cortical Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Locking
<i>Length</i>	10-60mm	10-70mm
<i>Screw Type</i>	2.4mm Cortical Screw	Product Not Available
<i>Screw Type</i>	2.7mm Cortical Screw	Product Not Available
<i>Screw Type</i>	3.5mm Cannulated Screw	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw PT	Product Not Available

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	Fibonacci Calcaneal Plating System Screws	ALPS Minimally-Invasive and Mesh Calcaneus Plating System
<i>Plate Type</i>	Perimeter Calcaneal Plates	Mesh Perimeter Plate
<i>Size (Holes)</i>	15-Hole	16-20 Holes
<i>Thickness</i>	1.4mm	2mm
<i>Length</i>	63.3-75.6mm	75-89mm
<i>Contouring Highlights</i>	Yes	No
<i>Side Specific</i>	Yes	Yes
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	Locking

<i>Plate Type</i>	Sinus Tarsi Calcaneal Plates	
<i>Size (Holes)</i>	9-Hole	
<i>Size Increments</i>		
<i>Thickness</i>	1.4mm	
<i>Length</i>	60.2-80.2mm	
<i>Contouring Highlights</i>	Yes	
<i>Side Specific</i>	Yes	
<i>Material</i>	Titanium Alloy	
<i>Locking Mechanism</i>	Low Profile Locking	

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	Fibonacci Calcaneal Plating System Screws	ALPS Minimally-Invasive and Mesh Calcaneus Plating System Screws
<i>Screw Type</i>	Cortical Screw	Low Profile Cortical Screw
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Non-Locking
<i>Length</i>	10-60mm	N/A

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	Fibonacci Calcaneal Plating System Screws	ALPS Minimally-Invasive and Mesh Calcaneus Plating System Screws
<i>Screw Type</i>	Cancellous Screw	Cancellous Screws
<i>Proximal Diameter</i>	4.0mm	4.0mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Non-Locking	Locking
<i>Length</i>	18-60mm	N/A
<i>Screw Type</i>	Cortical Screw	Cortical Screws
<i>Proximal Diameter</i>	2.7mm	2.7mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Locking
<i>Length</i>	10-50mm	N/A
<i>Screw Type</i>	Cortical Screw	Cortical Screws
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Locking
<i>Length</i>	10-60mm	N/A
<i>Screw Type</i>	2.4mm Cortical Screw	Product Not Available
<i>Screw Type</i>	2.7mm Cortical Screw	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw PT	Product Not Available
<i>Screw Type</i>	3.5mm Cannulated Screw	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw, Partially Threaded	Product Not Available

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	Universal Plates	ALPS Small Fragment Plating System
<i>Plate Type</i>	Semi-Tubular Plates	Compression Plate
<i>Size (Holes)</i>	3-21 Holes	5-14 Holes
<i>Size Increments</i>	2 Hole Increments	1-Hole Increments (10-14 at 2-Hole Increments)
<i>Thickness</i>	2.3mm	3.7mm
<i>Length</i>	3.7-20.3mm	72.6-189.6mm
<i>Contouring Highlights</i>	No	No
<i>Side Specific</i>	No	N/A
<i>Material</i>	Titanium Alloy	N/A
<i>Locking Mechanism</i>	Low Profile Locking	Locking

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	AOS Screws	ALPS Small Fragment Plating System Screws
<i>Screw Type</i>	2.4mm Cortical Screw	Product Not Available
<i>Proximal Diameter</i>	3.5mm	3.5mm
<i>Thread</i>	Fully Threaded	Fully Threaded
<i>Locking Option</i>	Variable Angle Locking (30°)	Locking
<i>Length</i>	10-60mm	10-70mm

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	AOS Screws	ALPS Small Fragment Plating System Screws
<i>Screw Type</i>	2.7mm Cortical Screw	Product Not Available
<i>Screw Type</i>	3.5mm Cortical Screw	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw, PT, 14-60mm	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw, FT, 18-60mm	Product Not Available
<i>Screw Type</i>	2.7mm Cortical Screw, Variable Angle Locking (30°)	Product Not Available
<i>Screw Type</i>	Cortical Screw	Cortical Screws
<i>Screw Type</i>	3.5mm Cannulated Screw	Product Not Available
<i>Screw Type</i>	4.0mm Cancellous Screw	Product Not Available

	<i>AOS Fibonacci Plating System Breakdown</i>	<i>Zimmer Biomet Plating System Breakdown</i>
	Other Plates	Other Plates
<i>Plate Type</i>	Distal Posterior Fibula Plates	Product Not Available
<i>Plate Type</i>	L-Plates	Product Not Available
<i>Plate Type</i>	Medial Pilon Plates	Product Not Available
<i>Plate Type</i>	Oblique T-Plate	Product Not Available
<i>Plate Type</i>	Posterior Tibia Plates	Product Not Available
<i>Plate Type</i>	Anterior Cortical Rim Plate	Product Not Available
<i>Plate Type</i>	Distal Hook Plates	Product Not Available
<i>Plate Type</i>	Lite Distal Hook Plates	Product Not Available
<i>Plate Type</i>	Lite Semi-Tubular Plates	Product Not Available
<i>Plate Type</i>	Lite Straight Plates	Product Not Available
<i>Plate Type</i>	T-Plates	Product Not Available
<i>Plate Type</i>	Lite T-Plates	Product Not Available



Food and Drug Administration
10903 New Hampshire Avenue

Document Control Center - WO66-G609
Silver Spring, MD 20993-0002

Advanced Orthopaedic Solutions, Inc. (AOS)
Mr. Mark Steinhauer
Product Development Engineer
3203 Kashiwa St.
Torrance, California 90505

January 24, 2017

Re: K152732

Trade/Device Name: AOS Small Fragment Plating System
Regulation Number: 21 CFR 888.3030
Regulation Name: Single/multiple component metallic bone fixation appliances
and accessories

Regulatory Class: Class II
Product Code: HRS, HWC, HTN
Dated: October 2, 2015
Received: October 5, 2015

Dear Mr. Steinhauer:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code

of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); good manufacturing practice requirements as set Page 2 – Mr. Mark Steinhauer

forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Division of Industry and Consumer Education at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address:

<http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to:

<http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Industry and Consumer Education at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address:

<http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>.

Sincerely yours, 

Mark N. Melkerson -S

Mark N. Melkerson

Director

Division of Orthopedic Devices

Office of Device Evaluation

Center for Devices and Radiological Health

Enclosure

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