English

GEMINUS® Volar Distal Radius Plating System

INSTRUCTIONS FOR USE

℞: For use by physicians only. Federal Law (USA) restricts this device to sale by or on order of a physician.

Failure to follow instructions may lead to patient injury.

This package insert is designed to provide Instructions for Use of the GEMINUS® Volar Plating System; it is not a reference to surgical techniques.

Description:

The Skeletal Dynamics GEMINUS® Volar Plating System contains bone plates for the repair of distal volar radial fractures. Included in the set are titanium bone screws, fixation pegs, fragment plates, and specialized instrumentation. Also included are a Hook Plate Extension to buttress a volar marginal fragment, and cannulated cobalt chrome polyaxial locking screws for trajectories different than those of the fixed angled bone plates.

The GEMINUS® Volar Plates are available in various sizes and are made of medical grade titanium alloy. Cortical screws affix the plate to the diaphysis and fixed angle pegs are used for distal bone fragments. The system is provided non- sterile and is sterilized in the user facility.

The GEMINUS® Volar Plating System is comprised of:

- Titanium alloy plates, washers and screws
- CoCr Cannulated Polyaxial Locking Screw (PLS)
- Stainless steel K-wires (for provisional fixation; not for implantation)
- System specific instrumentation

Indications:

The GEMINUS® Volar Plating System is intended for the fixation of fractures and osteotomies involving the distal radius.

Contraindications:

Prior to using the GEMINUS® Volar Plating System, ensure that none of the following patient conditions are present: active or latent infection, sepsis, insufficient quantity or quality of bone and/or soft tissue, material sensitivity, or patients who are unwilling or incapable of following postoperative care instructions.

⚠Warnings:

- All screws must be implanted and fully tightened into the plate to maintain the integrity and strength of the finished construct. If the screws are not attached and/or fully tightened, a non-union, delayed union or construct failure may occur.
- The use of power tools for the installation of the screws and pegs is not recommended and may lead to cross treading and damage to the screws and/or plates.
- The information in this document should be shared with the patient.
- The patient should be informed about the importance of following the post operative rehabilitation prescribed in order to fully understand the possible limitations in activities of daily living. The patient must be warned that failure to follow postoperative care instructions may cause the implant or treatment to fail.
- Potential GEMINUS® Volar Plating System construct failures such as stress fractures of the bones, loosening of the construct and/or fixation, delayed fusion, non-fusion, or incomplete healing may occur as a result of non- compliance to postoperative rehabilitation, excessive wrist activities or construct overloading.

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- DO NOT reuse any of the GEMINUS® Volar Plating System implantable components. Reuse may compromise the structural integrity of the construct and/or lead to failure or infection, which may result in patient injury.
- DO NOT open the volar capsule as it may devascularize fracture fragments and destabilize the volar wrist ligaments.
- Use only one 2.7mm Peg (High Compression or Fully Threaded, Non Locking) in each head of the GEMINUS® Volar Plate.
- Use only one 2.5mm PLS in each head of the GEMINUS® Volar Plate.
- DO NOT use the PLS in the most distal hole(s) on the lunate head of the GEMINUS® Volar Plate.
- GEMINUS® Drill Blocks are only compatible with GEMINUS® Volar Plates containing a Gold PDG in the shaft.

⇪Precautions:

- Protect the GEMINUS® Volar Plating System's implantable components against scratching or nicking. Such stress concentration can lead to implant failure.
- Before using the GEMINUS® Volar Plating System, inspect all implants and instruments for wear, disfiguration and physical damage. If evidence of wear, disfiguration or physical damage is found, DO NOT use and contact your local Skeletal Dynamics representative or the Skeletal Dynamics Customer Care Department.
- Assure Peg Driver tip does not show any signs of wear or distress such as rounded square edges, excessive depth marks from peg recess insertion, or deformed twisted tip. If such evidence is found for Peg Driver, DO NOT USE and contact your local Skeletal Dynamics representative or the Skeletal Dynamics Customer Care Department for replacement.
- DO NOT permanently implant the Skeletal Dynamics K-Wires; they are intended to be used during provisional fixation of the GEMINUS® Volar Plate.
- DO NOT permanently implant the pre-loaded Drill Guides, Drill Blocks, or A.I.M.ing Guides; they are intended to be removed prior to peg insertion
- DO NOT use peg/screw lengths that will excessively protrude through the far cortex as it may result in soft tissue irritation.
- The maximum angulation of the PLS should not exceed 10° from the trajectory of the respective hole.
- The Non-locking Threaded Pegs are NOT intended to provide subchondral support. Their use should be limited to capture remote bone fragments where partially or fully threaded pegs cannot be used.
- The Skeletal Dynamics GEMINUS® Volar Plating System is to be used only with Skeletal Dynamics instruments, implants and accessories.
- Dispose of contaminated implants and instruments per established facility guidelines and protocols.
- Accuracy of Depth, Gap and Screw Gauges are within ± 0.25mm.
- Caution should be taken for interference to pacemakers during electrocautery or by uncertified drills.
- Seek medical help immediately if implant malfunctions.
- To maintain traceability of the GEMINUS® Volar Plating System implantable components, you must record each of the respective components LOT numbers into the patient medical records post implantation.

Potential Adverse Events:

The following are potential risks that have been associated with wrist surgery: infection, nonunion, persistent pain, nerve or soft tissue damage, stiffness of the fingers, loosening or migration of the implants resulting in misalignment.

MRI Safety Information.

A person with the Geminus implant may be safely scanned under the following conditions. Failure to follow these conditions may result in injury.

Device Name	Geminus Implants
Static Magnetic Field Strength (B_0)	1.5T or 3.0T
Maximum Spatial Field Gradient	30 T/m (3,000 gauss/cm)
RF Excitation	Circularly Polarized (CP)
RF Transmit Coil Type	There are no Transmit Coil restrictions
Operating Mode	Normal Operating Mode
Maximum Whole-Body SAR	2 W/kg (Normal Operating Mode)
Maximum Head SAR	3.2 W/kg (Normal Operating Mode)
Scan duration	2 W/kg whole-body average SAR for 60 minutes of continuous RF (a sequence or back to back series/scan without breaks)
MR Image Artifact	The presence of this implant my produce an image artifact.

Directions for Use:

The GEMINUS® Volar Plating System should only be used by surgeons who have experience with this system. Each surgeon must evaluate the appropriateness for the use of the GEMINUS® Volar Plating System based on their clinical experiences.

Please refer to the GEMINUS® Volar Plating System's Surgical Technique Guide to review the surgical approach as described by Jorge L. Orbay, M.D. of the *Miami Hand and Upper Extremity Institute* located in Miami, Florida, USA.

Cleaning:

The GEMINUS® Volar Plating System instrumentation must be cleaned to achieve sterilization. The recommended manual cleaning instructions are set forth below. Other cleaning methods must be validated by the user.

Implant Cleaning:

Implanted plates, screws, or associated components should never be re-used. After each use, unused implants must be cleaned separately from contaminated instruments to prevent cross-contamination utilizing the cleaning instructions provided below.

Warnings & Precautions

- If the implant has been in contact with the patient, body fluids or tissues or is damaged, it may NOT be reprocessed and MUST be properly discarded.
- Users should wear appropriate personal protective equipment (PPE).
- Users should be qualified personnel with documented evidence of training and competency. Training should be inclusive of current applicable guidelines and standards and healthcare facility policies.

Instrument Cleaning

The GEMINUS® Volar Plating System instrumentation must be cleaned thoroughly before re-use to achieve sterilization.

⚠ Warnings & Precautions

- System instruments and accessories should be decontaminated immediately after completion of the surgical procedure. Contaminated instruments should not be allowed to dry prior to cleaning/reprocessing. Excess blood or debris should be wiped off to prevent it from drying.
- Only qualified personnel with documented evidence of training and competency should clean the instruments. Training should be inclusive of current applicable guidelines and standards and healthcare facility policies.
- Avoid the use of metal brushes or scouring pads during the cleaning process.
- Instruments should be rinsed of cleaning agents to prevent residue.
- Do not use mineral oil or silicone lubricants on instruments.
- Neutral pH enzymatic and cleaning agents are recommended for cleaning instruments. It is important that alkaline cleaning agents are thoroughly neutralized and rinsed from instruments.
- Prior to sterilization, instruments should be inspected for cleanliness of surfaces, joints, lumens, proper function, and wear and tear. If the product cannot be cleaned after repeated washing or if evidence of wear, disfiguration or physical damage is found, DO NOT use and contact your local Skeletal Dynamics representative or the Skeletal Dynamics Customer Care Department.

Cleaning Instructions

Cleaning should begin at the point of use prior to processing. Keep instruments moist after use to prevent soil from drying on them. An enzymatic detergent (Enzol) was used to validate the cleaning process.

1. Disassemble instrumentation, if applicable. Removal of PDG's prior to sterilization is not required.
2. Rinse components thoroughly under running cool tap water. While rinsing, use a soft bristle brush to loosen and remove as much visible soil as possible from components.
3. Soak components in a neutral enzymatic cleaner for a minimum of ten (10) minutes. Components must be fully immersed in the cleaner. Follow the cleaner manufacturer's instructions for cleaner preparation and exposure time.
4. Thoroughly rinse the components with cool water. While rinsing, use soft bristle brushes, pipettes or a water jet to clean out lumens, holes, and other challenging features.
5. Manually scrub the components thoroughly in newly made, clean, neutral pH enzymatic cleaner using soft bristle brushes or pipettes. All lumens, holes, hinged components, mating surfaces, and crevices, and challenging components should be thoroughly scrubbed. Actuate all moveable features and expose all areas to cleaner and to the brush or pipette. **Note:** When scrubbing rasps, a stiff bristle brush will be required.
6. Rinse components thoroughly with deionized or purified water; using pipettes or a water jet to clean out lumens, holes, and other hard to reach or challenging features. Actuate all movable features to fully irrigate all areas.
7. Visually inspect components for soil. Repeat the cleaning procedure until no visible soil remains on the components.
8. Perform a final rinse on the components using deionized water or purified water.
9. Dry the clean components using compressed air or a soft, lint free, clean cloth.

Functional Checks should be performed where possible:

1. Mating devices should be checked for proper assembly.
2. Reusable devices with moving parts should be operated to check correct operation (medical grade lubricant suitable for steam sterilization can be applied as required).
3. Rotating instruments (e.g. drill bits, reamers) should be checked for straightness. This can be achieved by rolling the instrument on a flat surface.

Note: The useful life of these devices is dependent on many factors including, but not limited to the method and duration of each use and the handling of the devices between uses. Routine and careful inspection and functional testing of the device is the best method of determining the serviceable life span for the medical device.

Sterilization:

The Skeletal Dynamics GEMINUS® Volar Plating System is provided nonsterile. This system is intended for steam sterilization at the healthcare facility.

1. Place all components and accessories into the designated areas of the sterilization tray
2. Steam sterilization may be accomplished using one of the cycles shown below:

Cycle Type	Temperature	Duration	Drying Time
Pre-Vacuum Autoclave	270°F (132°C)	4 minutes (wrapped)	40 minutes
Pre-Vacuum Autoclave	273°F (134°C)	3 minutes (wrapped)	40 minutes

- Follow ANSI/AAMI ST79:2006 - Comprehensive guide to steam sterilization and sterility assurance in health care facilities.
- Immediate-Use Steam Sterilization (IUSS) not recommended.
- Usage of an FDA approved wrap is required.
- Subsequent instrument sterilization needs to be performed in the tray system provided. For reuse and sterilization, instruments should be arranged within the tray system in the manner supplied by the company.

Handling and Storage:

When not in use, store the clean and disinfected GEMINUS Volar Plating System within the Sterilization Tray. Prior to use, inspect the instrumentation for serviceability.

Disclaimer of Warranty and Limited Remedies:

Skeletal Dynamics, Inc makes no express or implied warranty, including any implied warranty of merchantability or fitness for a particular purpose, on the product(s) described in this publication. Skeletal Dynamics, Inc shall not be liable under any circumstances for any direct, incidental or consequential damages other than as expressly provided by specific law. No person has authority to bind Skeletal Dynamics, Inc to any representation or warranty except as specifically set forth in this publication. Descriptions or specifications provided by Skeletal Dynamics, Inc in any publication are only included to generally describe the product when manufactured and do not constitute any express warranties

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GEMINUS® Volar Plating System Ordering Information: GMN-FSP-SYS

Catalog #	Nomenclature
Volar Distal Radius Plates (Ti)	
GMN-RTN-3HL	GEMINUS Volar Distal Radius Plate, Narrow, 3 Hole, Right
GMN-LTN-3HL	GEMINUS Volar Distal Radius Plate, Narrow, 3 Hole, Left
GMN-RTN-4HL	GEMINUS Volar Distal Radius Plate, Narrow, 4 Hole, Right
GMN-LTN-4HL	GEMINUS Volar Distal Radius Plate, Narrow, 4 Hole, Left
GMN-RTS-3HL	GEMINUS Volar Distal Radius Plate, Standard, 3 Hole, Right
GMN-LTS-3HL	GEMINUS Volar Distal Radius Plate, Standard, 3 Hole, Left
GMN-RTS-4HL	GEMINUS Volar Distal Radius Plate, Standard, 4 Hole, Right
GMN-LTS-4HL	GEMINUS Volar Distal Radius Plate, Standard, 4 Hole, Left
GMN-RTS-7HL	GEMINUS Volar Distal Radius Plate, Standard, 7 Hole, Right
GMN-LTS-7HL	GEMINUS Volar Distal Radius Plate, Standard, 7 Hole, Left
GMN-RTW-4HL	GEMINUS Volar Distal Radius Plate, Wide, 4 Hole, Right
GMN-LTW-4HL	GEMINUS Volar Distal Radius Plate, Wide, 4 Hole, Left
GMN-HP	GEMINUS Hook Plate
GMN-HP-SCRW	GEMINUS Hook Plate, Screw
WBTN-2750-T	Washer, Button, Inside 2.7mm x Outside 5.0mm, Ti
PROTEAN Fragment Plates (Ti)	
PRT-RCP-RT	PROTEAN Fragment Plate, Radial Column Plate, Right
PRT-RCP-LT	PROTEAN Fragment Plate, Radial Column Plate, Left
PRT-CCP-RT	PROTEAN Fragment Plate, Central Column Plate, Right
PRT-CCP-LT	PROTEAN Fragment Plate, Central Column Plate, Left
PRT-FSP-DU	PROTEAN Fragment Plate, Distal Ulna
PRT-FSP-LR	PROTEAN Fragment Plate, Double Hockey Stick
PRT-FSP-YS	PROTEAN Fragment Plate, Y
Smooth Pegs, Locking (Ti)	
SPLS-20100-TS	Smooth Peg, Locking, 2.0mm x 10mm
SPLS-20120-TS	Smooth Peg, Locking, 2.0mm x 12mm
SPLS-20140-TS	Smooth Peg, Locking, 2.0mm x 14mm
SPLS-20160-TS	Smooth Peg, Locking, 2.0mm x 16mm
SPLS-20170-TS	Smooth Peg, Locking, 2.0mm x 17mm
SPLS-20180-TS	Smooth Peg, Locking, 2.0mm x 18mm
SPLS-20190-TS	Smooth Peg, Locking, 2.0mm x 19mm
SPLS-20200-TS	Smooth Peg, Locking, 2.0mm x 20mm
SPLS-20210-TS	Smooth Peg, Locking, 2.0mm x 21mm
SPLS-20220-TS	Smooth Peg, Locking, 2.0mm x 22mm
SPLS-20230-TS	Smooth Peg, Locking, 2.0mm x 23mm
SPLS-20240-TS	Smooth Peg, Locking, 2.0mm x 24mm
SPLS-20260-TS	Smooth Peg, Locking, 2.0mm x 26mm
SPLS-20280-TS	Smooth Peg, Locking, 2.0mm x 28mm
SPLS-20300-TS	Smooth Peg, Locking, 2.0mm x 30mm
SPLS-20320-TS	Smooth Peg, Locking, 2.0mm x 32mm
Threaded Peg, Locking (Ti)	
TPLS-23100-TS	Threaded Peg, Locking, 2.3mm x 10mm
TPLS-23120-TS	Threaded Peg, Locking, 2.3mm x 12mm
TPLS-23140-TS	Threaded Peg, Locking, 2.3mm x 14mm
TPLS-23160-TS	Threaded Peg, Locking, 2.3mm x 16mm
TPLS-23170-TS	Threaded Peg, Locking, 2.3mm x 17mm
TPLS-23180-TS	Threaded Peg, Locking, 2.3mm x 18mm
TPLS-23190-TS	Threaded Peg, Locking, 2.3mm x 19mm
TPLS-23200-TS	Threaded Peg, Locking, 2.3mm x 20mm
TPLS-23210-TS	Threaded Peg, Locking, 2.3mm x 21mm
TPLS-23220-TS	Threaded Peg, Locking, 2.3mm x 22mm

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TPLS-23230-TS	Threaded Peg, Locking, 2.3mm x 23mm
TPLS-23240-TS	Threaded Peg, Locking, 2.3mm x 24mm
TPLS-23260-TS	Threaded Peg, Locking, 2.3mm x 26mm
TPLS-23280-TS	Threaded Peg, Locking, 2.3mm x 28mm
TPLS-23300-TS	Threaded Peg, Locking, 2.3mm x 30mm
TPLS-23320-TS	Threaded Peg, Locking, 2.3mm x 32mm
High Compression Pegs, Locking (Ti)	
HCLP-27100-TS	High Compression Locking Peg, 2.7mm x 10mm
HCLP-27120-TS	High Compression Locking Peg, 2.7mm x 12mm
HCLP-27140-TS	High Compression Locking Peg, 2.7mm x 14mm
HCLP-27160-TS	High Compression Locking Peg, 2.7mm x 16mm
HCLP-27180-TS	High Compression Locking Peg, 2.7mm x 18mm
HCLP-27190-TS	High Compression Locking Peg, 2.7mm x 19mm
HCLP-27200-TS	High Compression Locking Peg, 2.7mm x 20mm
HCLP-27210-TS	High Compression Locking Peg, 2.7mm x 21mm
HCLP-27220-TS	High Compression Locking Peg, 2.7mm x 22mm
HCLP-27230-TS	High Compression Locking Peg, 2.7mm x 23mm
HCLP-27240-TS	High Compression Locking Peg, 2.7mm x 24mm
HCLP-27260-TS	High Compression Locking Peg, 2.7mm x 26mm
HCLP-27280-TS	High Compression Locking Peg, 2.7mm x 28mm
HCLP-27300-TS	High Compression Locking Peg, 2.7mm x 30mm
HCLP-27320-TS	High Compression Locking Peg, 2.7mm x 32mm
Threaded Pegs, Non-Locking (Ti)	
TPNL-27100-TS	Threaded Peg, Non-Locking, 2.7mm x 10mm
TPNL-27120-TS	Threaded Peg, Non-Locking, 2.7mm x 12mm
TPNL-27140-TS	Threaded Peg, Non-Locking, 2.7mm x 14mm
TPNL-27160-TS	Threaded Peg, Non-Locking, 2.7mm x 16mm
TPNL-27180-TS	Threaded Peg, Non-Locking, 2.7mm x 18mm
TPNL-27200-TS	Threaded Peg, Non-Locking, 2.7mm x 20mm
TPNL-27220-TS	Threaded Peg, Non-Locking, 2.7mm x 22mm
TPNL-27240-TS	Threaded Peg, Non-Locking, 2.7mm x 24mm
TPNL-27260-TS	Threaded Peg, Non-Locking, 2.7mm x 26mm
TPNL-27280-TS	Threaded Peg, Non-Locking, 2.7mm x 28mm
TPNL-27300-TS	Threaded Peg, Non-Locking, 2.7mm x 30mm
TPNL-27320-TS	Threaded Peg, Non-Locking, 2.7mm x 32mm
Polyaxial Screws, Locking (CoCr)	
PALS-25100-CC	Screw, Cannulated Polyaxial Locking, 2.5mm x 10mm
PALS-25120-CC	Screw, Cannulated Polyaxial Locking, 2.5mm x 12mm
PALS-25140-CC	Screw, Cannulated Polyaxial Locking, 2.5mm x 14mm
PALS-25160-CC	Screw, Cannulated Polyaxial Locking, 2.5mm x 16mm
PALS-25180-CC	Screw, Cannulated Polyaxial Locking, 2.5mm x 18mm
PALS-25200-CC	Screw, Cannulated Polyaxial Locking, 2.5mm x 20mm
PALS-25220-CC	Screw, Cannulated Polyaxial Locking, 2.5mm x 22mm
PALS-25240-CC	Screw, Cannulated Polyaxial Locking, 2.5mm x 24mm
PALS-25260-CC	Screw, Cannulated Polyaxial Locking, 2.5mm x 26mm
PALS-25280-CC	Screw, Cannulated Polyaxial Locking, 2.5mm x 28mm
PALS-25300-CC	Screw, Cannulated Polyaxial Locking, 2.5mm x 30mm
Cortical Screws, Non-Locking (Ti)	
PANL-35080-TS	Screw, Cortical, Non-Locking, 3.5mm x 8mm
PANL-35090-TS	Screw, Cortical, Non-Locking, 3.5mm x 9mm
PANL-35100-TS	Screw, Cortical, Non-Locking, 3.5mm x 10mm
PANL-35110-TS	Screw, Cortical, Non-Locking, 3.5mm x 11mm
PANL-35120-TS	Screw, Cortical, Non-Locking, 3.5mm x 12mm
PANL-35130-TS	Screw, Cortical, Non-Locking, 3.5mm x 13mm

PANL-35140-TS	Screw, Cortical, Non-Locking, 3.5mm x 14mm
PANL-35150-TS	Screw, Cortical, Non-Locking, 3.5mm x 15mm
PANL-35160-TS	Screw, Cortical, Non-Locking, 3.5mm x 16mm
PANL-35180-TS	Screw, Cortical, Non-Locking, 3.5mm x 18mm
Cortical Screws, Locking (Ti)	
COLS-35080-TS	Screw, Cortical Locking, 3.5mm x 8mm
COLS-35090-TS	Screw, Cortical Locking, 3.5mm x 9mm
COLS-35100-TS	Screw, Cortical Locking, 3.5mm x 10mm
COLS-35110-TS	Screw, Cortical Locking, 3.5mm x 11mm
COLS-35120-TS	Screw, Cortical Locking, 3.5mm x 12mm
COLS-35130-TS	Screw, Cortical Locking, 3.5mm x 13mm
COLS-35140-TS	Screw, Cortical Locking, 3.5mm x 14mm
COLS-35150-TS	Screw, Cortical Locking, 3.5mm x 15mm
COLS-35160-TS	Screw, Cortical Locking, 3.5mm x 16mm
COLS-35180-TS	Screw, Cortical Locking, 3.5mm x 18mm

System Instrumentation	
DPGA-SMS-030 or DPGA-UNV-030	Depth Gauge, Sm. Standard, 30m or Depth Gauge, Universal, 30mm
DRLL-SSC-20040	Drill, Solid Side Cutting, 2.0mm x 40mm
DRLL-SSC-25040	Drill, Solid Side Cutting, 2.5mm x 40mm
DRLL-PLS-20	Drill, Cannulated Polyaxial Locking Screw, 2.0mm x 40mm
DRVR-AOS-S20	Driver, Peg, Torque Limiting
DRVR-UQC-T10	Driver, Universal Quick Connect, T10
DRVR-AOS-PLS	Driver, AO Connection, Polyaxial Locking Screw
HNDL-UQC-FXD or HNDL-AQC-FXD	Handle, Universal Quick Connect, Fixed or Handle, AO QC, Fixed
HNDL-SQC-FXD	Handle, Small Quick Connect, Fixed
FRCP-BHM-RTC	Forceps, Bone Holding Medium, Ratcheting
TPDG-THD-DG20	Thread-in Drill Guide, 2.0mm
TPDG-THD-DG25	Thread-in Drill Guide, 2.5mm
TPDG-DSD-2025	Tissue Protector / Drill Guide, Dual Sided, 2.0mm x 2.5mm
GMN-ID-PLS	Initial Driver, Polyaxial Locking Screw
GMN-CDG-PLS	Cannulated Depth Gauge, Polyaxial Locking Screw
GMN-FSP-PLB	GEMINUS Plate Bender
GMN-FSP-PLH	GEMINUS Plate Holder
PDG-AIM-015	AIMing Guides, 1.6mm
PLS-AIM-0910	PLS AIMing Guide
KWIR-STD-09152	K-wire, Standard Tip, .9mm x 152mm
KWIR-STD-15127	K-wire, Standard Tip, 1.6mm x 127mm
GMN-HP-DG15	GEMINUS Hook Plate, Reduction Tool
Sterilization Trays	
GMN-FSP-TRAY	GEMINUS Volar Distal Radius Plate System Sterilization Tray
GMN-ACC-MOD1	GEMINUS Volar Distal Radius Plate System Accessory Module 1
GMN-TRAY-SST	GEMINUS Volar Distal Radius Plate System Sterilization Tray, 304
GMN-MOD1-SST	GEMINUS Volar Distal Radius Plate System Accessory Module 1, 304
Optional Drill Block System (U.S. ONLY)	
GMN-DBK-RTS	GEMINUS Drill Block, Right, Standard
GMN-DBK-LTS	GEMINUS Drill Block, Left, Standard
GMN-DBK-RTW	GEMINUS Drill Block, Right, Wide
GMN-DBK-LTW	GEMINUS Drill Block, Left, Wide
GMN-DBK-RTN	GEMINUS Drill Block, Right, Narrow
GMN-DBK-LTN	GEMINUS Drill Block, Left, Narrow
TPDG-DBK-DG20	GEMINUS Drill Block, Drill Guide, 2.0mm
DBK-AIM-015	GEMINUS Drill Block, AIMing Guide, 1.5mm
GMN-DBK-MOD	GEMINUS Drill Block, Sterilization Module

GEMINUS™

Volar Plating System

GEMINUS Volar Distal Radius Plates	
GEMINUS Plate, Narrow, 3 Hole, Right GMN-RTN-3HL (01)00841506101620 (01)00841506101620	GEMINUS Plate, Narrow, 3 Hole, Left GMN-LTN-3HL (01)00841506101569 (01)00841506101569
GEMINUS Plate, Narrow, 4 Hole, Right GMN-RTN-4HL (01)00841506101637 (01)00841506101637	GEMINUS Plate, Narrow, 4 Hole, Left GMN-LTN-4HL (01)00841506101576 (01)00841506101576
GEMINUS Plate, Standard, 3 Hole, Right GMN-RTS-3HL (01)00841506101644 (01)00841506101644	GEMINUS Plate, Standard, 3 Hole, Left GMN-LTS-3HL (01)00841506101583 (01)00841506101583
GEMINUS Plate, Standard, 4 Hole, Right GMN-RTS-4HL (01)00841506101651 (01)00841506101651	GEMINUS Plate, Standard, 4 Hole, Left GMN-LTS-4HL (01)00841506101590 (01)00841506101590
GEMINUS Plate, Standard, 7 Hole, Right GMN-RTS-7HL (01)00841506101668 (01)00841506101668	GEMINUS Plate, Standard, 7 Hole, Left GMN-LTS-7HL (01)00841506101606 (01)00841506101606
GEMINUS Plate, Wide, 4 Hole, Right GMN-RTW-4HL (01)00841506101675 (01)00841506101675	GEMINUS Plate, Wide, 4 Hole, Left GMN-LTW-4HL (01)00841506101613 (01)00841506101613
PROTEAN Fragment Plates	
PROTEAN Fragment Plate, Radial Column Plate, Right PRT-RCP-RT (01)00841506109923 (01)00841506109923	PROTEAN Fragment Plate, Radial Column Plate, Left PRT-RCP-LT (01)00841506109930 (01)00841506109930
PROTEAN Fragment Plate, Central Column Plate, Right PRT-CCP-RT (01)00841506109947 (01)00841506109947	PROTEAN Fragment Plate, Central Column Plate, Left PRT-CCP-LT (01)00841506109954 (01)00841506109954
PROTEAN Fragment Plate, Distal Ulna PRT-FSP-DU (01)00841506102900 (01)00841506102900	PROTEAN Fragment Plate, Double Hockey Stick PRT-FSP-LR (01)00841506102917 (01)00841506102917
PROTEAN Fragment Plate, Y PRT-FSP-YS (01)00841506102931 (01)00841506102931	

Hook Plate	
GEMINUS Hook Plate GMN-HP (01)00841506101514	GEMINUS Hook Plate, Screw GMN-HP-SCRW (01)00841506101545
General Single Use (Disposable) Instruments	
K-Wire, Standard Tip, 0.9mm x 152mm KWIR-STD-09152 (01)00841506102498	K-Wire, Standard Tip, 1.6mm x 127mm KWIR-STD-15127 (01)00841506102504
AIMing Guides, 1.5mm PDG-AIM-015 (01)00841506102870	PLS AIMing Guides PLS-AIM-0910 (01)00841506102887
Smooth Peg, Locking	
Smooth Peg, Locking, 2.0mm x 10mm, Ti SPLS-20140-TS (01)00841506102948	Smooth Peg, Locking, 2.0mm x 20mm, Ti SPLS-20200-TS (01)00841506103013
Smooth Peg, Locking, 2.0mm x 12mm, Ti SPLS-20160-TS (01)00841506102955	Smooth Peg, Locking, 2.0mm x 21mm, Ti SPLS-20210-TS (01)00841506103020
Smooth Peg, Locking, 2.0mm x 14mm, Ti SPLS-20140-TS (01)00841506102962	Smooth Peg, Locking, 2.0mm x 22mm, Ti SPLS-20220-TS (01)00841506103037
Smooth Peg, Locking, 2.0mm x 16mm, Ti SPLS-20160-TS (01)00841506102979	Smooth Peg, Locking, 2.0mm x 23mm, Ti SPLS-20230-TS (01)00841506103044
Smooth Peg, Locking, 2.0mm x 17mm, Ti SPLS-20170-TS (01)00841506102986	Smooth Peg, Locking, 2.0mm x 24mm, Ti SPLS-20240-TS (01)00841506103051
Smooth Peg, Locking, 2.0mm x 18mm, Ti SPLS-20180-TS (01)00841506102993	Smooth Peg, Locking, 2.0mm x 26mm, Ti SPLS-20260-TS (01)00841506103068
Smooth Peg, Locking, 2.0mm x 19mm, Ti SPLS-20190-TS (01)00841506103006	Smooth Peg, Locking, 2.0mm x 28mm, Ti SPLS-20280-TS (01)00841506103075
Threaded Peg, Locking	
Threaded Peg, Locking, 2.3mm x 10mm, Ti TPLS-23100-TS (01)00841506103358	Threaded Peg, Locking, 2.3mm x 21mm, Ti TPLS-23210-TS (01)00841506103433

Threaded Peg, Locking, 2.3mm x 12mm, Ti TPLS-23120-TS (01)00841506103365 (01)00841506103365	Threaded Peg, Locking, 2.3mm x 22mm, Ti TPLS-23220-TS (01)00841506103440 (01)00841506103440
Threaded Peg, Locking, 2.3mm x 14mm, Ti TPLS-23140-TS (01)00841506103372 (01)00841506103372	Threaded Peg, Locking, 2.3mm x 23mm, Ti TPLS-23230-TS (01)00841506103457 (01)00841506103457
Threaded Peg, Locking, 2.3mm x 16mm, Ti TPLS-23160-TS (01)00841506103389 (01)00841506103389	Threaded Peg, Locking, 2.3mm x 24mm, Ti TPLS-23240-TS (01)00841506103464 (01)00841506103464
Threaded Peg, Locking, 2.3mm x 17mm, Ti TPLS-23170-TS (01)00841506103396 (01)00841506103396	Threaded Peg, Locking, 2.3mm x 26mm, Ti TPLS-23260-TS (01)00841506103471 (01)00841506103471
Threaded Peg, Locking, 2.3mm x 18mm, Ti TPLS-23180-TS (01)00841506103402 (01)00841506103402	Threaded Peg, Locking, 2.3mm x 28mm, Ti TPLS-23280-TS (01)00841506103488 (01)00841506103488
Threaded Peg, Locking, 2.3mm x 19mm, Ti TPLS-23190-TS (01)00841506103419 (01)00841506103419	Threaded Peg, Locking, 2.3mm x 30mm, Ti TPLS-23300-TS (01)00841506103495 (01)00841506103495
Threaded Peg, Locking, 2.3mm x 20mm, Ti TPLS-23200-TS (01)00841506103426 (01)00841506103426	
High Compression Locking Peg	
High Compression Locking Peg, 2.7mm x 10mm, Ti HCLP-27100-TS (01)00841506101682 (01)00841506101682	High Compression Locking Peg, 2.7mm x 21mm, Ti HCLP-27210-TS (01)00841506101750 (01)00841506101750
High Compression Locking Peg, 2.7mm x 12mm, Ti HCLP-27120-TS (01)00841506101699 (01)00841506101699	High Compression Locking Peg, 2.7mm x 22mm, Ti HCLP-27220-TS (01)00841506101767 (01)00841506101767
High Compression Locking Peg, 2.7mm x 14mm, Ti HCLP-27140-TS (01)00841506101705 (01)00841506101705	High Compression Locking Peg, 2.7mm x 23mm, Ti HCLP-27230-TS (01)00841506101774 (01)00841506101774
High Compression Locking Peg, 2.7mm x 16mm, Ti HCLP-27160-TS (01)00841506101712 (01)00841506101712	High Compression Locking Peg, 2.7mm x 24mm, Ti HCLP-27240-TS (01)00841506101781 (01)00841506101781
High Compression Locking Peg, 2.7mm x 18mm, Ti HCLP-27180-TS (01)00841506101729 (01)00841506101729	High Compression Locking Peg, 2.7mm x 26mm, Ti HCLP-27260-TS (01)00841506101798 (01)00841506101798

High Compression Locking Peg, 2.7mm x 19mm, Ti HCLP-27190-TS (01)00841506101736 (01)00841506101736	High Compression Locking Peg, 2.7mm x 28mm, Ti HCLP-27280-TS (01)00841506101804 (01)00841506101804
High Compression Locking Peg, 2.7mm x 20mm, Ti HCLP-27200-TS (01)00841506101743 (01)00841506101743	High Compression Locking Peg, 2.7mm x 30mm, Ti HCLP-27300-TS (01)00841506101811 (01)00841506101811
Threaded Peg, Non-Locking	
Threaded Peg, Non-Locking, 2.7mm x 10mm, Ti TPNL-27100-TS (01)00841506103518 (01)00841506103518	Threaded Peg, Non-Locking, 2.7mm x 22mm, Ti TPNL-27220-TS (01)00841506103570 (01)00841506103570
Threaded Peg, Non-Locking, 2.7mm x 12mm, Ti TPNL-27120-TS (01)00841506103525 (01)00841506103525	Threaded Peg, Non-Locking, 2.7mm x 24mm, Ti TPNL-27240-TS (01)00841506103587 (01)00841506103587
Threaded Peg, Non-Locking, 2.7mm x 14mm, Ti TPNL-27140-TS (01)00841506103532 (01)00841506103532	Threaded Peg, Non-Locking, 2.7mm x 26mm, Ti TPNL-27260-TS (01)00841506103594 (01)00841506103594
Threaded Peg, Non-Locking, 2.7mm x 16mm, Ti TPNL-27160-TS (01)00841506103549 (01)00841506103549	Threaded Peg, Non-Locking, 2.7mm x 28mm, Ti TPNL-27280-TS (01)00841506103600 (01)00841506103600
Threaded Peg, Non-Locking, 2.7mm x 18mm, Ti TPNL-27180-TS (01)00841506103556 (01)00841506103556	Threaded Peg, Non-Locking, 2.7mm x 30mm, Ti TPNL-27300-TS (01)00841506103617 (01)00841506103617
Threaded Peg, Non-Locking, 2.7mm x 20mm, Ti TPNL-27200-TS (01)00841506103563 (01)00841506103563	
Cortical Screw, Non-Locking	**Cortical Screw, Locking**
Screw, Cortical Non-Locking, 3.5mm x 8mm, Ti PANL-35080-TS (01)00841506102771 (01)00841506102771	Screw, Cortical, Locking, 3.5mm x 8mm, Ti COLS-35080-TS (01)00841506101071 (01)00841506101071
Screw, Cortical Non-Locking, 3.5mm x 9mm, Ti PANL-35090-TS (01)00841506102788 (01)00841506102788	Screw, Cortical, Locking, 3.5mm x 9mm, Ti COLS-35090-TS (01)00841506101088 (01)00841506101088
Screw, Cortical Non-Locking, 3.5mm x 10mm, Ti PANL-35100-TS (01)00841506102795 (01)00841506102795	Screw, Cortical, Locking, 3.5mm x 10mm, Ti COLS-35100-TS (01)00841506101095 (01)00841506101095

(01)00841506101101

Screw, Cortical Non-Locking, 3.5mm x 11mm, Ti PANL-35110-TS (01)00841506102801	Screw, Cortical, Locking, 3.5mm x 11mm, Ti COLS-35110-TS (01)00841506101101
Screw, Cortical Non-Locking, 3.5mm x 12mm, Ti PANL-35120-TS (01)00841506102818	Screw, Cortical, Locking, 3.5mm x 12mm, Ti COLS-35120-TS (01)00841506101118
Screw, Cortical Non-Locking, 3.5mm x 13mm, Ti PANL-35130-TS (01)00841506102825	Screw, Cortical, Locking, 3.5mm x 13mm, Ti COLS-35130-TS (01)00841506101125
Screw, Cortical Non-Locking, 3.5mm x 14mm, Ti PANL-35140-TS (01)00841506102832	Screw, Cortical, Locking, 3.5mm x 14mm, Ti COLS-35140-TS (01)00841506101132
Screw, Cortical Non-Locking, 3.5mm x 15mm, Ti PANL-35150-TS (01)00841506102849	Screw, Cortical, Locking, 3.5mm x 15mm, Ti COLS-35150-TS (01)00841506101149
Screw, Cortical Non-Locking, 3.5mm x 16mm, Ti PANL-35160-TS (01)00841506102856	Screw, Cortical, Locking, 3.5mm x 16mm, Ti COLS-35160-TS (01)00841506101156
Screw, Cortical Non-Locking, 3.5mm x 18mm, Ti PANL-35180-TS (01)00841506102863	Screw, Cortical, Locking, 3.5mm x 18mm, Ti COLS-35180-TS (01)00841506101163
Washer	
Washer, Button (Blue) WBTN-2750-T (01)00841506103730	
Hook Plate – Polyaxial Screw, Locking (Cannulated)	
Screw, Polyaxial Locking, 2.5mm x 10mm Cannulated PALS-25100-CC (01)00841506102665	Screw, Polyaxial Locking, 2.5mm x 22mm Cannulated PALS-25220-CC (01)00841506102726
Screw, Polyaxial Locking, 2.5mm x 12mm Cannulated PALS-25120-CC (01)00841506102672	Screw, Polyaxial Locking, 2.5mm x 24mm Cannulated PALS-25240-CC (01)00841506102733
Screw, Polyaxial Locking, 2.5mm x 14mm Cannulated PALS-25140-CC (01)00841506102689	Screw, Polyaxial Locking, 2.5mm x 26mm Cannulated PALS-25260-CC (01)00841506102740

Screw, Polyaxial Locking, 2.5mm x 16mm Cannulated PALS-25160-CC (01)00841506102696 (01)00841506102696	Screw, Polyaxial Locking, 2.5mm x 28mm Cannulated PALS-25280-CC (01)00841506102757 (01)00841506102757
Screw, Polyaxial Locking, 2.5mm x 18mm Cannulated PALS-25180-CC (01)00841506102702 (01)00841506102702	Screw, Polyaxial Locking, 2.5mm x 30mm Cannulated PALS-25280-CC (01)00841506102764 (01)00841506102764
Screw, Polyaxial Locking, 2.5mm x 20mm Cannulated PALS-25200-CC (01)00841506102719 (01)00841506102719	

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