The formation of the DePuy Synthes Companies created an organization inspired to provide the broadest portfolio of patient care solutions worldwide. Our knee product offering provides a complete and robust continuum of care addressing the most demanding patient needs from sports medicine to revision knee replacement. As your practice continues to expand and evolve, DePuy Synthes Companies is pleased to offer a comprehensive breadth of products, services, and programs that provide knee solutions for your expanding practice.

Let us partner with you to meet the growing needs of your knee patients.
INTRODUCTION

DePuy Synthes Companies offers a comprehensive range of knee products and customized solutions that fit the needs of your evolving practice. The Knee Continuum of Care includes the major categories of sports medicine, early intervention, joint replacement, revision, and trauma.

RIGIDLOOP® Adjustable Cortical Fixation System

The RIGIDLOOP Adjustable Cortical Fixation System features an innovative implant design for cortical fixation used in Anterior Cruciate Ligament (ACL) reconstruction. The system has an exclusive one-way sliding, locking knot which allows for the lowest displacement vs. other adjustable cortical implants while allowing for graft to completely fill the femoral socket.¹ ² Unique one-handed tensioning and integrated graft prep/suture management system allows for improved ease of use.

• Features a titanium button
• Available in standard, long and extra long lengths

MILAGRO® ADVANCE Interference Screw

The MILAGRO ADVANCE Interference Screw improves ease of use compared to traditional interference screws. The unique distal-tip geometry requires up to 83% less effort to achieve bone engagement. ³ Insertion is twice as fast as traditional interference screws. ⁴ Ease of bone engagement and lower insertion torque allows for robust insertion in hard bone and reduced torque transmission to soft tissue grafts and tendons. Improved interdigitating of grafts and threads provides 25% more fixation strength. ⁵

• Available in sizes 7-10 x 23 mm, 7-12 x 30 mm, and 9-12 x 35 mm
• Made from BIOCRYL RAPIDE® Biocomposite Material that promotes bony ingrowth at the implant site

SPORTS MEDICINE

ORTHOVISC® and MONOVISC®
High Molecular Weight Hyaluronan

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EARLY INTERVENTION

ORTHOVISC® and MONOVISC® High Molecular Weight Hyaluronan

ORTHOVISC and MONOVISC High Molecular Weight Hyaluronan are indicated for the treatment of pain associated with knee Osteoarthritis (OA). ORTHOVISC Injections have proven efficacy with three or four injections in providing up to 6 months of pain relief for patients suffering from knee OA. MONOVISC Injections are the first non-avian single injection hyaluronan (in the US) to provide 6 months of pain relief. MONOVISC and ORTHOVISC Injections deliver the highest concentration of HA, 22 mg/ml in 4 ml formulation for MONOVISC Injection and 15 mg/ml in 2 ml formulation for ORTHOVISC Injection.

SIGMA® High Performance (HP) Partial Knee

Unicompartmental Knee Arthroplasty (UKA) has several proposed advantages including minimal bone stock loss, preservation of both cruciate ligaments, preservation of the patella-femoral joint (PFJ), potential for increased post-operative range of motion, and a decreased chance of infection. The SIGMA HP Partial Knee is a high flex Fixed Bearing Unicompartmental Knee that is designed to provide solutions for any area of the knee depending on the degree of arthritis damage and includes femoral, tibia and trochlea components.

- Features six femoral and tibial sizes for medial or lateral unicompartmental knee replacement
- Includes all-polyethylene and highly polished metal-backed tibial tray options
- Allows another UKA or PFJ to be added at a later stage

TOTAL JOINT REPLACEMENT

ATTUNE® Knee System

The ATTUNE Knee System delivers breakthrough discoveries in Total Knee Arthroplasty. The system encompasses implants and surgical instrumentation designed to work in harmony with the patient's anatomy to deliver stability and motion.

- Available in Rotating Platform (RP) and Fixed Bearing (FB) options
- Cruciate Retaining (CR) and Posterior Stabilized (PS) implant variants designed to accommodate Posterior Stabilized, Cruciate Retaining and Cruciate Sacrificing (CS) techniques
- Offers ten standard and four narrow femoral sizes
- Ten tibial sizes, 1 mm tibial insert increments for most commonly used thicknesses and 2 mm for remainder
- Medialized Dome and Medialized Anatomic patella options with 0.5 mm patella thickness increments
- Gap Balancing and Measured Resection techniques
- Advanced materials: AOX™ Antioxidant Polyethylene for all patella components and tibial inserts
Knee Revision Portfolio

The Knee Revision Portfolio offers a comprehensive array of implant options for cases that require varying levels of constraint. From moderate soft tissue laxity and minor bone defects through end-stage revision, each system promotes successful patient outcomes through the following:

- Reduce loosening forces with Rotating Platform
- Address instability from bone loss with metaphyseal sleeves
- Provide seamless surgical integration
- System options include P.F.C. SIGMA TC3 RP Knee, S-ROM NOILES™ Hinge Knee, and LPS™ Limb Preservation System
Choosing to partner with the DePuy Synthes Companies can help achieve your Triple Aim goals of minimizing costs, improving outcomes, and increasing patient satisfaction. As your practice evolves, this portfolio can continue to assist you in meeting the needs of your patients.

**TRAUMA**

**4.5 mm VA LCP® Curved Condylar Plate**
The 4.5 mm VA LCP Curved Condylar Plate merges variable angle locking screw technology with conventional plating techniques.
- Accommodates fracture patterns that include shaft fractures with articular fragments
- Axial compression or variable angle locking options
- Screws can be angled anywhere within a 30 degree cone around the central axis of the plate hole
- Aiming arm for Minimally Invasive insertion of screws

**3.5 mm VA LCP® Proximal Tibia Plate System**
The 3.5 mm VA LCP Proximal Tibia Plate System merges variable angle locking screw technology with conventional plating techniques to treat various proximal tibia fractures.
- Two rows of rafting screws allow placement of screws to capture posterior medial fragments and provide the ability to avoid or abut proximal tibia components in periprosthetic fracture treatment
- Two bends (small and large) accommodate varying tibial anatomies
- Axial compression or variable angle locking options
- Screws can be angled anywhere within a 30 degree cone around the central axis of the plate hole
- Permits use of Minimally Invasive surgical technique
COMPLETE ORTHOPAEDIC SURGERY SOLUTIONS TO HELP YOU ACHIEVE BETTER OUTCOMES, EFFICIENCIES, AND PATIENT SATISFACTION.

Offering customized measurable solutions that help achieve Triple Aim performance. Here are just a few of the many Knee Continuum of Care solutions available from DEPUY SYNTHES ADVANTAGE™:

COMMUNITY EDUCATION PROGRAMS

Educational Seminars:
- Designed to inform community physicians and patients about today’s solutions for joint pain

PATIENT ATHLETE™ PROGRAM*

Self-guided, Video Based Training Program:
- Designed to help patients preparing for surgery, taking their experience beyond merely reducing pain.
  To order visit: https://depuyestore.worksmartsuite.com

CARESENSE®

Mobile Digital Tracking System:
- This program provides real-time clinical data and patient experience information that may lead to improved outcomes, increased patient satisfaction, and reduced costs.
  To learn more visit: www.caresense.com

OR DATA TRACKER

iPad® Application:
- An evaluation of operating room (OR) productivity that identifies opportunities in your OR via graphic comparisons and actual/optimized operative times

TRAY AND INSTRUMENT OPTIMIZATION*

Efficiencies through Standardization, Digital Templating, and TRUMATCH® Personalized Solutions:
- Consolidation using Digital Templating on TRUMATCH® Personalized Solutions provides efficiencies for surgeons and hospitals through size specific trays and instrument optimization

*Costs associated
Important Safety Information:

High Molecular Weight Hyaluronan is indicated in the treatment of pain in Osteoarthritis (OA) of the knee in patients who have failed to respond adequately to conservative nonpharmacologic therapy and to simple analgesics, e.g. Acetaminophen. In clinical studies, the most commonly reported adverse events for ORTHOVISC® were arthralgia, back pain, and headache. Other side effects included local injection site adverse events. In clinical studies, the most commonly reported adverse events for MONOVISC® were arthralgia, joint swelling and injection site pain. ORTHOVISC® and MONOVISC® are contraindicated in patients with known hypersensitivity to hyaluronate formulations or known hypersensitivity (allergy) to gram positive bacterial proteins. ORTHOVISC® and MONOVISC® should not be injected in patients with infections or skin diseases in the area of the injection site or joint. MONOVISC® should not be administered to patients with known bleeding disorders.

References:

1. Data on file at DePuy Orthopaedics, Inc. 103085451.
2. Data on file at DePuy Orthopaedics, Inc. 103041504.
3. Data on file at DePuy Orthopaedics, Inc. DVE-002536-DVR.
5. ORTHOVISC® manufacturer’s full prescribing information.

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