Corentec America Launches New Lospa Knee System

Corentec America

Lospa Knee® System Features Shape for a Cruciate Retaining (CR) to a Posterior Stabilized (PS) Knee Within a Single System

Corentec America, Inc., a wholly-owned subsidiary of Seoul-based Corentec Co., Ltd., has announced that the Company has received FDA clearance to market the its novel Lospa Knee System® in the United States. The innovative Knee Joint Replacement System is available now, along with the currently available Total Hip Replacement System, and a Pedicle Screw System for spine. Product extensions for the Company's already cleared Bencox THR® System and Spinal Implants are in the process of FDA clearance, or in the development pipeline for the U.S. market.

"Corentec America has successfully completed a number of cases in the U.S. using the Lospa Knee System," said Michael Y. Son, vice president, Corentec America, Inc. "The feedback from leading surgeons has been outstanding, exactly as we expected. Surgeons have commented on the positive attributes of the Lospa Knee System, including the wide range of options allowing for patient variables, and in particular, surgeons have made affirmative comments as to the ease-of-use, and intuitiveness of our instrumentation." Mr. Son added, "Corentec is now poised to enter the next roll-out phase for the Lospa Knee System by reaching more distributors and surgeons." The Lospa Knee System is available with a robust catalog of instruments designed to ensure ease-of-use in the OR, and a more efficient surgical procedure."

State of the Art Design
Manufactured in state-of-the-art facilities located in South Korea, the Lospa Knee System offers an anatomically featured shape for both a cruciate retaining (CR) and a posterior stabilized (PS) knee within a single system. This ensures successful patient outcomes with natural knee range of motion and increased longevity of the implant.

Femoral Component
The Femoral Component of the Lospa Knee System is designed with a single axis concept for articular stability with flexion for improved range of motion. The anterior flange shape and dimension provides optimal patella tracking. The intercondylar cam design of the PS type is to prevent dislocation in deep flexion. The sphere-shaped articular surface design ensures reduced contact stress and improved stability.

Tibial Insert (Fixed Type)
A Curved on Curved Tibial Insert is designed to provide high conformity at the frontal plane to maximize contact area. Double radius at the sagittal plane ensures

anterior stability and deep flexion. The Rotated articular track for CR and PS versions allows optimal rotation of the femoral component. In the case of PS type, the tibial post is designed to reduce edge loading. The Tibial insert also allows for improved anterior relief for deep flexion.

Tibial Baseplate
The Tibial Baseplate, for fixed-CR and Fixed-PS, features a stem with a keel for improved initial implant stability. The stem has a posterior slope to avoid anterior cortex impingement. A precision ground finish on the Tibial Baseplate allows for full peripheral capture to reduce micromotion. The ground finish of the Tibial Baseplate insert mating plane is designed for decreased backside wear.

Patellar Component
The 30mm Patellar Component Dome is available in six sizes (26mm, 28mm, 30mm, 32mm, and 34mm). Three fixation pegs are uniform for all sizes. Cement pockets provide an optimal condition for cemented fixation. The cement pocket is 1mm in depth, but is not deep enough to compromise the strength of the component. There is reinforcement in the center of the pocket and peripheral rim, also with a 1mm thickness.

Size Combinations
Corentec offers six Tibial inset sizes (Fixed Bearing Couple), in combination with 16 Femoral component sizes. There are six CR Type, and six PS Fixed Type size combinations. For additional information, visit http://www.corentec.com [1].

Corentec will unveil the Lospa Knee System, and the Company's portfolio of Hip and Knee Joint Implants at the North American Spine Society (NASS) Annual Meeting in Dallas, October 24-27 and at the American Association of Hip and Knee Surgeons (AAHKS) Meeting, in Dallas, November 2-4, 2012, as well as the Company's innovative solutions at the American Academy of Orthopaedic Surgeons Meeting, in Chicago, March 19-23, 2013.

"Corentec is continuing our program to establish a network of highly successful distributors who possess deep relationships with leading surgeons," said Mr. Son. "As we move forward with distribution of Corentec's advanced solutions for Knee, Hip, and Spine, we will be offering highly competitive commission rates to high-producing distributors throughout the U.S. We are also interested in stocking distributor proposals."

About Corentec America, Inc.
With international headquarters located in Seoul, South Korea, Corentec Co., Ltd., was founded in 2000, by Dr. Doo Hoon Sun, and other renowned orthopedic surgeons affiliated with leading university hospitals. In the spirit of collaboration, Corentec's founders have been stead-fast in developing a growing portfolio of advanced artificial Hip and Knee Joint Replacement products, and Spine Implants, which are rapidly becoming recognized around the World. Based in Irvine, CA, Corentec America, Inc., is a wholly-owned subsidiary of Corentec Co., Ltd. The Company markets products for Hip and Knee Joint Replacements, Spine Implants, as well as Instruments used in orthopedic surgeries. Corentec's products will be

available through authorized commission-based and stocking distributors. For additional information contact Michael Son at 949.290.9885.

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