OPTETRAK®

Operative Technique

OPTETRAK LOGIC® ROTATING BEARING KNEE (RBK®)

Addendum to the Optetrak Logic LPI Distal First Operative Technique

Exactech®

Not available for sale in the United States.

INTRODUCTION

Optetrak Logic® is an advanced approach to total knee replacement that includes modern design features and intuitive instrumentation while building on the wisdom of a strong design lineage. With Optetrak Logic RBK®, it's the best of both worlds – the benefits of a fixed and a mobile bearing knee in one unique system.

Figure 1
Place Femoral Trial

DESIGN SPECIFICATIONS

The fixed, proximal bearing surface increases flexion potential while maintaining Optetrak's proven optimized congruency. The lower bearing features a patented "wave" design for rotational freedom and predictable kinematics. These two articulating surfaces work together to maintain proper alignment and minimize contact stress.

Follow the Optetrak Logic LPI Distal First Technique for preparation of the femur, tibia and patella. Insert the appropriate Optetrak trials for the final prosthesis trial check.

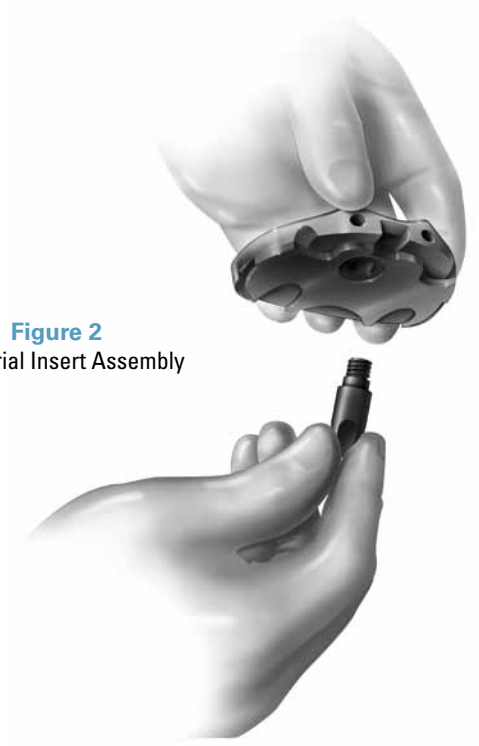

Figure 2
Tibial Trial Insert Assembly

Step 1: Place the Optetrak Logic PS femoral trial on the distal femur with the **LPI Locking Femoral Impactor** *(Figure 1)*. Ensure that the femoral component is properly positioned on the distal femoral condyles in the medial and lateral direction. Slight upward pressure should be applied to the impactor handle as the component is being impacted to prevent the femoral component from rotating into flexion. Once correct positioning is assured, the component should be fully seated by striking the Locking Femoral Impactor with a mallet.

Place the trial tibial tray and perform trial reduction to assess the stability of the RBK tibial trial insert. If the knee is loose in extension and flexion, proceed to exchange the insert trial with greater thickness and reassess stability.

Step 2: Complete the alignment, stability and patellar tracking checks. Proceed to implantation of final components.

Optional: For additional support, screw the **Trial Modular Peg** into the bottom side of the previously selected **RBK Tibial Trial Insert** *(Figure 2)*.

Step 3: After the final bone preparation, proceed to the Implantation of Modular Tibial Component, including cementation. Introduce the RBK tibial trays onto the prepared tibial surface and impact using the **Non-Locking RBK Tibial Impactor** *(Figure 3)*.

The extraneous cement must be removed from the borders of the tibial component, starting posteriorly and working around to the sides and front. All cement must be removed from the posterior capsular area of the knee. A Tibial Insert Trial should be used when pressurizing the cement during polymerization.

Step 4: Continue the final preparation of the femur and patella as described in the Logic LPI Distal First Technique. Place the RBK polyethylene insert into the previously implanted RBK tibial trial *(Figure 4)*. Ensure that the tibial insert is fully seated in the metal tibial tray and proceed to final check and closure.

Figure 3
Place RBK Tibial Prosthesis

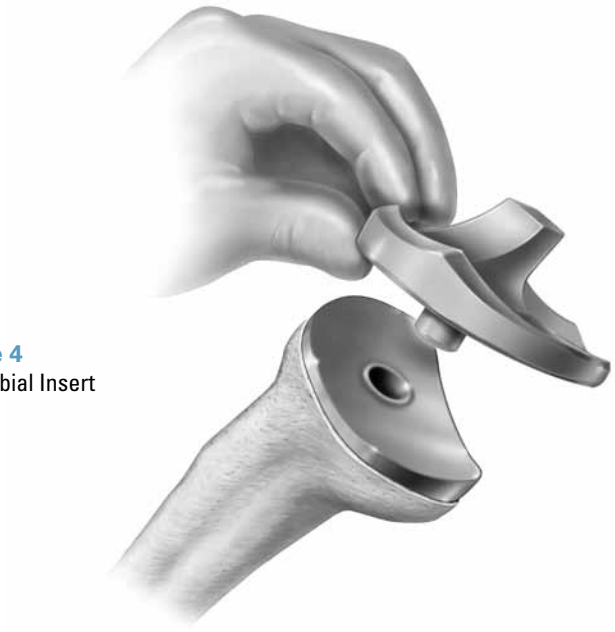

Figure 4
Implant RBK Tibial Insert

INSTRUMENT LISTING

Catalog Number	Part Description
213-65-06	Logic RBK Tibial Impactor
02-013-38-0000	Logic RBK Insert Modular Trial Peg
02-013-38-1009	Logic Tibial Insert Trial, RBK, Size 1, 9mm
02-013-38-1011	Logic Tibial Insert Trial, RBK, Size 1, 11mm
02-013-38-1013	Logic Tibial Insert Trial, RBK, Size 1, 13mm
02-013-38-1015	Logic Tibial Insert Trial, RBK, Size 1, 15mm
02-013-38-1509	Logic Tibial Insert Trial, RBK, Size 1.5, 9mm
02-013-38-1511	Logic Tibial Insert Trial, RBK, Size 1.5, 11mm
02-013-38-1513	Logic Tibial Insert Trial, RBK, Size 1.5, 13mm
02-013-38-1515	Logic Tibial Insert Trial, RBK, Size 1.5, 15mm
02-013-38-2009	Logic Tibial Insert Trial, RBK, Size 2, 9mm
02-013-38-2011	Logic Tibial Insert Trial, RBK, Size 2, 11mm
02-013-38-2013	Logic Tibial Insert Trial, RBK, Size 2,13mm
02-013-38-2015	Logic Tibial Insert Trial, RBK, Size 2, 15mm
02-013-38-2509	Logic Tibial Insert Trial, RBK, Size 2.5, 9mm
02-013-38-2511	Logic Tibial Insert Trial, RBK, Size 2.5, 11mm
02-013-38-2513	Logic Tibial Insert Trial, RBK, Size 2.5, 13mm
02-013-38-2515	Logic Tibial Insert Trial, RBK, Size 2.5, 15mm
02-013-38-3009	Logic Tibial Insert Trial, RBK, Size 3, 9mm
02-013-38-3011	Logic Tibial Insert Trial, RBK, Size 3, 11mm
02-013-38-3013	Logic Tibial Insert Trial, RBK, Size 3, 13mm
02-013-38-3015	Logic Tibial Insert Trial, RBK, Size 3, 15mm
02-013-38-3509	Logic Tibial Insert Trial, RBK, Size 3.5, 9mm
02-013-38-3511	Logic Tibial Insert Trial, RBK, Size 3.5, 11mm
02-013-38-3513	Logic Tibial Insert Trial, RBK, Size 3.5, 13mm
02-013-38-3515	Logic Tibial Insert Trial, RBK, Size 3.5, 15mm
02-013-38-4009	Logic Tibial Insert Trial, RBK, Size 4, 9mm
02-013-38-4011	Logic Tibial Insert Trial, RBK, Size 4, 11mm
02-013-38-4013	Logic Tibial Insert Trial, RBK, Size 4,13mm
02-013-38-4015	Logic Tibial Insert Trial, RBK, Size 4, 15mm
02-013-38-5009	Logic Tibial Insert Trial, RBK, Size 5, 9mm
02-013-38-5011	Logic Tibial Insert Trial, RBK, Size 5, 11mm
02-013-38-5013	Logic Tibial Insert Trial, RBK, Size 5,13mm
02-013-38-5015	Logic Tibial Insert Trial, RBK, Size 5, 15mm

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For additional device information, refer to the Exactech Optetrak Knee System–Instructions for Use for a device description, indications, contraindications, precautions and warnings. • For further product information, please contact Customer Service, Exactech, Inc., 2320 NW 66th Court, Gainesville, Florida 32653-1630, USA. (352) 377-1140, (800) 392-2832 or FAX (352) 378-2617.

This Logic RBK Operative Technique has been developed in cooperation with Michele Brax, MD, Haguenau, France.

Exactech, as the manufacturer of this device, does not practice medicine, and is not responsible for recommending the appropriate surgical technique for use on a particular patient. These guidelines are intended to be solely informational and each surgeon must evaluate the appropriateness of these guidelines based on his or her personal medical training and experience. Prior to use of this system, the surgeon should refer to the product package insert for comprehensive warnings, precautions, indications for use, contraindications and adverse effects.

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