Patient-Specific Bicompartmental Knee Resurfacing System

ConforMIS [1] announces the availability of the iDuo® G2 [2], the next generation of its bicompartmental knee resurfacing system. The iDuo G2 combines the best of both worlds by incorporating proven principles for patella treatment from traditional total knee replacement with the unique advantages of the ConforMIS partial knee system.

It is estimated that about a third of patients treated for knee osteoarthritis (OA) have disease involving just two out of the three compartments of the knee. The traditional treatment for this bicompartmental disease pattern has been a total knee replacement that removes bone from all three compartments and sacrifices one or both of the anterior cruciate ligament (ACL) and posterior cruciate ligament (PCL), the major stabilizing ligaments of the knee.

The iDuo G2 provides a less invasive alternative to total knee replacement for patients suffering from disease in the medial (inner) or lateral (outer) compartment of the knee, along with the patellofemoral joint (the area behind the kneecap). By targeting just the diseased portions of the joint, the iDuo G2 enables appropriately selected patients to preserve all of their ligaments and far more bone than a traditional total knee replacement.

The iDuo G2 provides physicians and patients with significant key benefits including an engineered patellofemoral joint to correct deformity, a wear optimized implant design, and improved surgical instrumentation and iView™ planning images for an efficient surgical technique. Many of these enhancements have already received positive surgeon feedback as a part of the iDuo G2 limited release evaluation.

ConforMIS' patient-specific approach [3] offers an array of advantages to patients, surgeons and hospitals, including a personalized fit and the potential for more natural kinematics, a less traumatic procedure that preserves bone relative to a total knee replacement, a simple and reproducible surgical technique and greater operating room efficiencies.

For more information, visit www.conformis.com [1]

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Links:
[1] http://www.conformis.com/
[2] http://www.conformis.com/Patients/ConforMIS-Patient-Specific-Implants/iDuo-Biocompartmental-Knee-Resurfacing-Device
[3] http://www.conformis.com/Patients/A-Personalized-Approach