

Technology that May be Used During Your Joint Replacement Surgery

In an effort to improve surgical technique, implant placement and alignment, computer imaging and pre-operative planning may be used for your total joint surgery. Your surgeon will discuss if these patient-specific diagnostic tools will be utilized for planning and performing your surgery. If you have questions, please ask your provider.

HIP REPLACEMENT SURGERY	
<p><u>OPS - Primary Hip</u> Optimized Positioning System (“OPS”) is an innovative technology for use in total hip replacement procedures. OPS helps surgeons optimize component positioning by utilizing pre-operative functional simulation combined with a unique intra-operative positioning system. The OPS imaging process helps identify unique movement in patient's hips, pelvis, and lumbar spine. For More Information: https://bit.ly/3taq6BT</p>	
<p><u>OPSRerView - Revision Hip</u> Optimized Positioning System Review (“OPSRerView”) is a postoperative analysis tool which utilizes 3D biomechanical measurements and patient-specific functional inputs to help surgeons understand postoperative performance. It is used to help your surgeon investigate, analyze, and understand many of the main contributors of patient dissatisfaction and implant failure post-total hip arthroplasty prior to your revision surgery. It can be used to assess the outcomes of all major implants regardless of manufacturer, material, or size. OPSRerView Process: <ol style="list-style-type: none"> 1. Your surgeon will refer you for specialized imaging (CT Scan and lumbar radiograph) 2. You will be asked to follow a link to complete payment of \$250 to Corin Group for processing - https://bit.ly/2SmUXi6 3. Your surgeon will receive a detailed analysis <p><i>*OPSRerView is an advanced technology that may not be covered by your insurance.</i> For More Information: https://bit.ly/3vEI9lm</p> </p>	 
<p><u>IntelliJoint - Primary Hip</u> IntelliJoint is a navigation system that provides measurements down to the millimeter and a degree. The miniature camera is attached directly to your hip and communicates with a tracker within the sterile field providing your surgeon with the most accurate measurements. This gives your surgeon the most accurate and up to date information for implant positioning and precise measurements for cup position, leg length, and offset. You may notice small incisions (on your opposite hip) to accommodate this technology. For More Information: https://bit.ly/3CyWWld</p>	
KNEE REPLACEMENT SURGERY	
<p><u>OMNIBotics - Total Knee</u> OMNIBotics is a robotic-assisted system used by surgeons to accurately plan and perform total knee replacement. Computer guidance allows the surgeon to measure and track the knee anatomy and plan the implant placement to best fit the specific patient. For More Information: https://bit.ly/3eTEOYO</p>	
<p><u>THINK Surgical - Total Knee</u> The TSolution One Total Knee Application combines two exclusive innovations to advance total joint replacement surgery. The system consists of TPLAN, a 3D pre-surgical planning workstation and TCAT, an active robot. With sophisticated pre-planning, your surgeon selects an ideal implant and defines the optimal implant placement and alignment based on your unique anatomy. In the operating room, the autonomous robotic cutting tool brings surgical precision to the task of removing damaged bone and cartilage and preparing your joint surface to fit the implant in the correct position. For More Information: https://bit.ly/3eSRa3p</p>	
<p><u>OrthoSensor - Total Knee</u> OrthoSensor/VeraSense is a wireless sensor-assisted technology used in total knee replacements. The disposable sensor transmits data about your knee during surgery, which enables your surgeon to customize implant positioning and improve soft tissue balance. With OrthoSensor, your surgeon can make data-driven decisions, enhancing your recovery. For More Information: https://bit.ly/33dc73Y</p>	

Conformis - Total Knee

iTotal Identity, used in total knee replacements, is a system designed to restore the natural shape of the knee. The iTotal Identity knee system allows surgeons to have a patient specific surgical plan, instruments, and personalized implant for each patient by using proprietary advances imaging and design software.

For More Information: <https://bit.ly/3u1Kszr>



Bodycad – Partial / Unicompartmental Knee

Bodycad's Reflex Uni™ is a patient specific Unicompartmental knee with a design tailored for every individual patient with respect to their anatomy and biomechanics. The pursuit of perfection with Bodycad means less pain and earlier mobilization.

For More Information: <https://bit.ly/2SnSBzv>



ZUK – Partial / Unicompartmental Knee

The Unicompartmental High Flex Knee (ZUK) is designed to allow for high flexion of the knee following surgery. The ZUK System is indicated for restoring either affected compartment of the knee. This is achieved with an implant that does not require pre-operative advanced imaging (CT Scan).

For More Information: <https://bit.ly/3ufv6qd>

