OMNIPlasty™

TOTAL KNEE REPLACEMENT WITH NAVIGATED ROBOTICS
About Total Knee Replacement

The goal of total knee replacement is to replace the damaged cartilage and bone with an implant system to replicate the normal human motion. Successful knee replacement is dependent on many factors, including leg alignment and implant fit.

Before & After Total Knee Replacement

*If total knee replacement is recommended, ask your surgeon about the latest advancement, the OMNIPlasty™ Robotic Procedure.*

About OMNIPlasty

The OMNIPlasty procedure uses computer navigation to plan implant fit and position during the surgery. A robotic cutting guide is used to guide the surgeon to accurately perform his bone preparation.
OMNINAV surgical navigation empowers surgeons to place your knee implant with increased precision during an OMNIPlasty procedure.

Much like we rely on GPS computers to help us get to our destination, navigated knee surgery helps the surgeon get to his intended results.

How does OMNIPlasty work?
By using specialized tools along with computer navigation, surgeons can achieve more consistent results with greater accuracy. This means a better chance of an improved alignment of the knee implant which may extend the life of the implant as well as improve its functionality.

Why OMNIPlasty?
- Less invasive procedure promotes quicker recovery
- Accurate implant placement for improved function and longevity
- No MRI or CAT scan required, reducing potential risk of additional radiation exposure
- Advanced software creates an individualized surgical plan for every patient
Patient Specific Surgery

Using patented Bone Morphing™ technology, surgeons can quickly produce a 3D model of the patient’s knee during surgery. Then he/she is able to plan bone resections and implant position, within accuracy that has been shown to be significantly better than other knee replacement procedures available.³

The final implant alignment is confirmed at the end of surgery, verifying a successful result.
Knee Pain FAQ:

What Causes Osteoarthritis?
Although the root cause of osteoarthritis is unknown, the risk of developing symptomatic knee osteoarthritis is influenced by a number of factors such as age, gender, and inherited traits that may affect the stability of your joints. Other factors may include:

- Being overweight
- Previous injuries
- Improper joint alignment
- Repetitive strain

What are the Symptoms of Osteoarthritis?
Some common symptoms include:

- Pain with activities
- Limited range of motion
- Joint stiffness
- Swelling of the knee
- Tenderness
- Feeling the joint may “Give Out”

Am I a Good Candidate for OMNIPlasty?
Almost all candidates for total knee replacement are able to benefit from an OMNIPlasty, which may improve your chances of a better outcome and restore your quality of life.

Please speak to your physician if your symptoms are not responding to non-surgical solutions or if your pain may no longer be controlled by medication. You may be a candidate for surgery.