

*Medtronic Navigation enables
your SURGEON TO PROVIDE THE BEST
POSSIBLE CARE FOR YOU, whether you are
undergoing knee or hip surgery.*

Beyond Technology to Lifelong Functionality



Medtronic

When Life Depends on Medical Technology

Medtronic Navigation

826 Coal Creek Circle
Louisville, CO 80027 USA
(888) 580-8860

www.stealthstation.com



Medtronic

Navigated
JOINT REPLACEMENT
SURGERY



Beyond Technology to Lifelong Functionality

Your surgery will take several hours and you will be under general anesthesia to prevent any pain during the procedure. You will likely experience pain while recovering, but medications will relieve the discomfort.

Your average hospital stay will be several days; after which you will be able to go home and continue recuperation. It is likely that your orthopaedist will encourage you to use your "new" joint shortly after your operation. Initially, you will use a walker, crutches, or a cane.

You will need to limit your activities and refrain from jogging and other high-impact exercise. Within a few weeks, you should be able to resume normal light activities and enjoy walking, golfing, and dancing. To speed your recovery and protect future joint function, follow the activity and rehabilitation program you have developed with your surgeon, primary care physician, and therapist.

As with any medical treatment, individual results may vary. It is important that you discuss the potential risks, complications, and benefits of these procedures with your doctor prior to receiving treatment, and that you rely on your physician's judgment. Only your doctor can determine whether you are a suitable candidate for this treatment.



Benefits of navigated joint surgery

On-screen images of your anatomy that give your surgeon landmarks for accuracy

Real-time data that helps your surgeon accurately align and place your implant

Useful measurement of the kinematic characteristics of your joint before and after surgery



Living with chronic joint pain and limited range of motion is no longer an option for you. You have tried other therapies but the pain and stiffness of your joint has begun to truly limit your normal activities and routine.

You've chosen your orthopaedic surgeon with care and forethought. Now, as a team, you and your surgeon have decided on, and are preparing for, surgical intervention.

Joint replacement surgery, whether knee or hip, is a major commitment that requires advanced, well-informed preparation.

When Life Depends on Medical Technology

Your concerns about RECOVERY TIME, RANGE OF MOTION AND IMPLANT LONGEVITY are alleviated by the fact that your surgeon has chosen to conduct a "navigated" procedure

The Medtronic Navigation Solution used by your surgeon is advanced computer technology that provides a surgical road map allowing your doctor to more thoroughly prepare for the ideal placement of your implant. What does this mean to you? You may experience a shorter hospital stay, faster recovery, and ultimately, improved longevity for your new joint.

Accurate and verifiable. Computer-assisted navigation lets your surgeon know, before finishing the operation, that your new joint is precisely where it should be and that your range of motion and flexibility are maximized.

Medtronic Navigation enables your surgeon to provide the best possible care for you, whether you are undergoing knee or hip surgery. By using this advanced technology, your doctor can make more informed decisions throughout your surgery. Use of computer-assisted navigation may lead to a smaller incision, less blood loss, and a better outcome for the long term. The key to this powerful technology is the delivery of critical information during each phase of your surgical experience.

Studies show that navigated orthopaedic surgeries are safe and provide useful measurement tools for accurate determination of ideal limb and implant alignment.¹

1. Taken from The Journal of Bone and Joint Surgery article "Computer Assisted Navigation in Total Knee Replacement: Results of an Initial Experience in 35 Patients."

