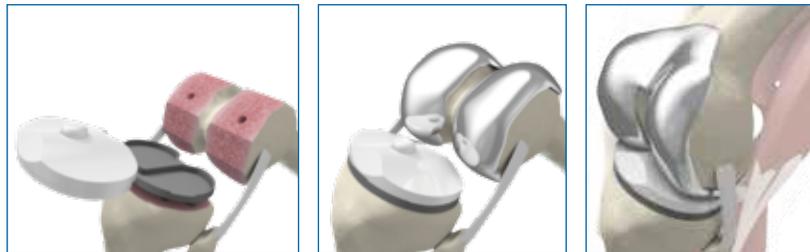


## MAKO® ROBOTIC-ARM ASSISTED KNEE REPLACEMENT

### OVERVIEW

Knee replacement is a fairly common yet specialized surgical procedure in which a diseased or damaged joint is replaced with an artificial joint called an implant. If you know someone who had a knee replaced even 5 years ago, the surgical procedure used today is likely to be quite different...with better outcomes.

### FULL KNEE REPLACEMENT



### PARTIAL KNEE REPLACEMENT



### PRE-SURGERY

Your knee replacement begins with a CT scan of your knee joint which is used to generate a 3D virtual model of your unique anatomy. This virtual model is loaded into the Mako software, where Dr. Johnson refines the data to better suit your specific anatomy.

### PROCEDURE

In the operating room, Dr. Johnson uses the Mako system to assist in performing your surgery, guided by the robotic-arm within the pre-defined area. The Mako System assures that your knee is prepared according to the planned boundaries defined in your personalized pre-operative plan.

### FULL AND PARTIAL KNEE REPLACEMENT

If the osteoarthritis in your knee is limited to a single area, you may only need a partial knee replacement. Your knee is divided into three compartments: the medial compartment inside, outside, and front.

With a partial knee replacement, only the damaged compartment is replaced. The healthy cartilage and bone in the rest of the knee is left untouched.

### AFTER SURGERY

We will take you to a recovery room where you'll stay until you are breathing well and your blood pressure and pulse are stable. We will begin pain control at this time.

After that, you will be moved to a private patient room specially designed for the unique needs of joint patients.

A knee replacement may require a short hospital stay. Your care coordinator will help to set up any care you need once you return home.