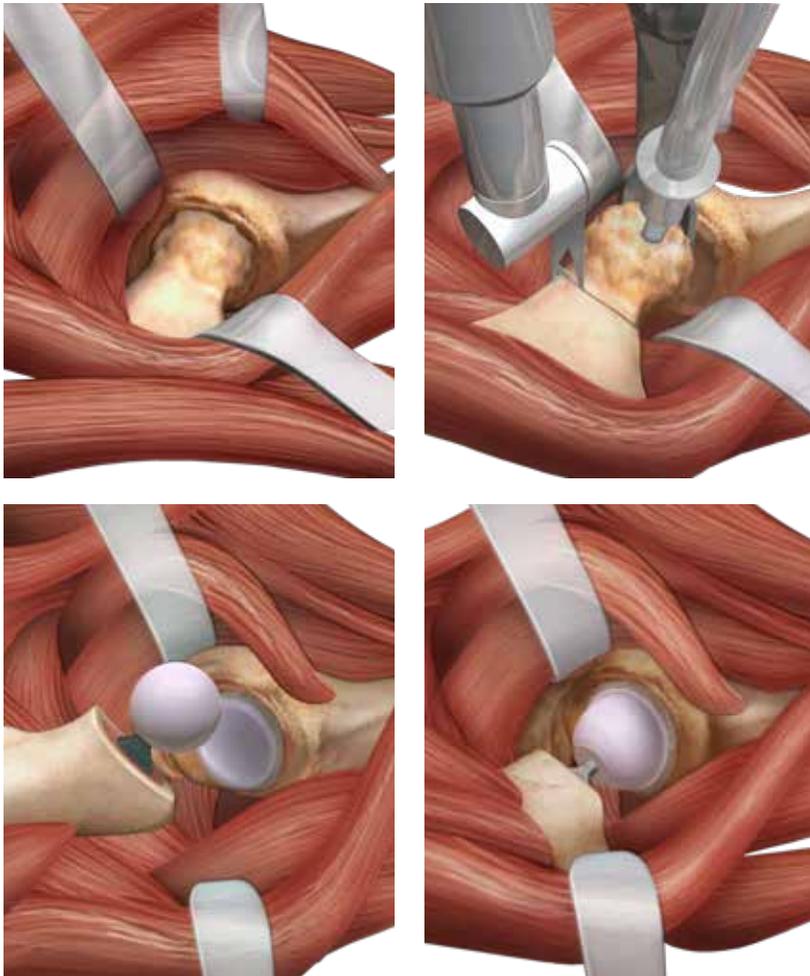


ANTERIOR MUSCLE SPARING APPROACH TO HIP REPLACEMENT

OVERVIEW

This surgery replaces diseased and damaged portions of the hip with implants designed to restore function to the hip joint. Dr. Johnson uses an incision on the anterolateral part of the hip, instead of a more traditional incision on the side or back of the joint.

The anterior incision allows Dr. Johnson to work between the major muscles of the hip instead of cutting through them or detaching them from the hip or femur. By preserving muscle tissue, the anterior approach has been proven to minimize recovery time.



PROCEDURE

After making a small incision and parting the leg muscles, Dr. Johnson removes the damaged cartilage and bone from your hip socket. He then inserts a metal cup, followed by a polyethylene liner, creating an artificial socket.

The special hana[®] table allows Dr. Johnson to rotate your femur and insert the titanium implant, attaching a ceramic ball to its stem, while monitoring real-time imaging to ensure an anatomical length and using computer-generated dimensions as well as a comparative image of your other leg.

After Dr. Johnson confirms the implant is precisely positioned, he removes his instruments and the parted muscle curtain returns naturally to a natural position and the incision is closed.

MAKO[®] ROBOTIC-ARM ASSISTED SURGERY

While used primarily for knee replacement, Mako Robotic-Arm Assisted Surgery is also an excellent tool where appropriate in anterior hip replacement. Mako maps a customize surgery to the patient's unique anatomy for precise alignment.

AFTER CARE

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