

Shoulder Joint Replacement Surgery... Is it for You?

Understanding How the Shoulder Works: Shoulder Anatomy and Function:

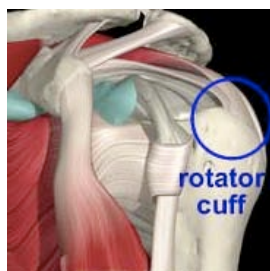
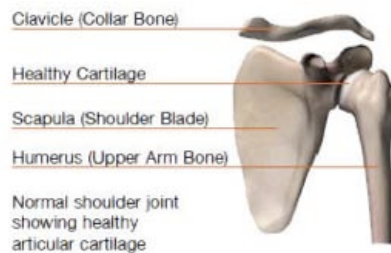
The shoulder is the most moveable joint in the body. It is made up of three bones: the collar bone (clavicle), the shoulder blade (scapula) and the upper arm bone (humerus), as well as two important joints that allow for movement. The *glenohumeral joint*, also known as the shoulder joint, is a ball-and-socket that connects the humerus to the shoulder blade. This joint allows free movement of the arm so that it can rotate in a circular fashion.

A smooth substance called *articular cartilage* covers the surface of the bones where they touch each other within a joint.

This cartilage acts as a cushion between the bones.

The *rotator cuff* is made up of four muscles and their tendons, which act to hold the upper arm (humerus) to the socket of the shoulder (glenoid fossa). The rotator cuff enables you to get your arm up over your head, as well as rotate it in and out.

That's why rotator cuff injuries usually result in weakness, especially in trying to raise your arm overhead. The rotator cuff also provides mobility and strength to the shoulder joint. Finally, there's the "O-ring" around the shoulder socket, called the *labrum* which helps keep your shoulder in socket and causes pain and popping when it's torn.

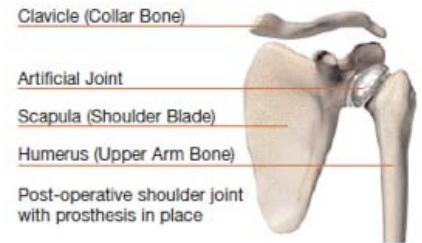


Shoulder Joint Replacement: What does it Involve?

In shoulder replacement surgery, the artificial shoulder joint can have

either two or three parts, depending on the type of surgery required. In the most serious cases both the upper part of the arm bone (humerus) and the shoulder socket (glenoid) are replaced with prosthetic implants. This is known as a Total Shoulder Replacement. In

less serious cases only the humeral head is removed and replaced with a prosthetic humeral head and stem. This is called a *hemiarthroplasty*



Advancements in Shoulder Replacement:

Over the years, shoulder replacement has been proven to relieve se-

vere shoulder pain and restore function in the vast majority of patients. Recent advances in shoulder prosthesis design have allowed for the potential for patients to achieve more fully restored range of motion. The new design of Stryker's™ Solar Total Shoulder System allows patients a more "natural" feel throughout their range of motion.

"This implant design more closely replicates the natural anatomy of my patients and helps provide them with maximum range of motion, enabling my patients to get back to the activities they enjoy."
John Kagan, MD



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How Long Will an Artificial Shoulder Joint Last?

How long a joint replacement will last is impossible to predict. Individual results vary.

As successful as these procedures are, over the years the artificial joints can become loose and/or just wear out, requiring a revision surgery. Many factors determine the outcome of Shoulder Joint Replacement Surgery including age, activity level, bone strength, bone quality and disease progression.

New improvements in technology can increase both the function and the longevity of today's joint replacement implants.

"I believe that I owe it to my patients to be on the cutting-edge of orthopaedic technologies. Recent advances in both technique and technology have enabled me to offer my patients the potential for increased longevity and a better quality of life." John Kagan, MD

Having an Orthopaedic Evaluation...

While every orthopaedic evaluation is different, there are many commonly used tests that an Orthopaedic Specialist may consider in evaluating a patient's condition.

The orthopaedic evaluation usually consists of:

A thorough review of your medical history

A physical examination

X-Rays

The Bottom Line: You don't have to live with severe shoulder pain and the functional limitations it causes.

If you have not experienced adequate results with medication and other conservative treatments, shoulder replacement may provide the pain relief you long for... and help you to return to the lifestyle and activities you enjoy!

We Accept Most Insurances, LOP's & PIP's

**For more information or to schedule an appointment, please call:
239-936-6778**