

Hip Replacement Surgery - What You Need to Know About



Hip fractures are among the most severe orthopedic injuries that are often seen in the elderly. They are also seen in young adults but, the causes of fracture may be different according to age. The common causes of hip fractures in the elderly are osteoporosis and unexpected falls. While on the other hand, traumatic injuries like automobile accidents and contact sports injuries are the causes of hip fractures in young adults.

Depending upon the severity of the fracture, hip replacement surgery may be recommended for the treatment. The surgery requires the use of [Orthopedic Implant & Instruments](#) along with a hip prosthesis. In this post, we are going to discuss hip replacement surgery in detail.

What is Hip Replacement?

Hip replacement is a surgical procedure that involves the removal of the damaged/diseased portion of the hip joint and the application of the prosthesis in its place to make the joint work again. The hip prosthesis is generally made up of a combination of metal, hard plastic, and ceramic, and this helps improve pain and joint function. Non-surgical treatment options are not known to be helpful for the treatment of hip fractures in the long run.

Why is Hip Replacement Required?

Hip replacement surgery is often required for the treatment of conditions that damages the hip joint and they cannot be fixed using non-surgical treatment methods. There are certain conditions in which the hip joint is damaged and hip replacement surgery is required for the treatment:

Osteoarthritis

It is an orthopedic condition that affects the joints by damaging the rubbery cartilages that serve as cushions between the joints and help their smooth movement. Severe cases of osteoarthritis require hip replacement surgery.

Rheumatoid Arthritis

Rheumatoid arthritis is a condition that occurs as a result of an overactive immune system. This is an inflammatory condition in which cartilages that are present between the joints damage, and this results in pain and swelling. RA may require hip replacement surgery if it affects the hip joint.

Osteonecrosis

This is a condition characterized by a lack of blood supply to the ball portion of the hip joint. This increases the chances of damage or dislocation of the bone. To fix such conditions, hip replacement surgery will be required.

How Hip Replacement Surgery is Performed?

Hip replacement is performed after giving general anesthesia so that the patient doesn't feel any pain.

At first, the surgeon will clean the area where the cut is being made and then make an incision to expose the damaged part of the joint.

Now, the surgeon will remove the damaged/diseased portion of the joint.

After this, an artificial joint (Hip Prosthesis) is placed in the gap formed.

Before closing the joint, the surgeon will confirm the correct placement of the prosthesis.

To get a world-class quality hip prosthesis and other orthopedic implants, contact Siora Surgicals Pvt. Ltd. The company is an expert in manufacturing an extensive range of CE-certified trauma implants in stainless steel and titanium. The implants produced by Siora are exported to clients based in other countries. Siora is also looking to become one of the best [Orthopedic Equipment Suppliers in Greece](#) to expand its business.

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