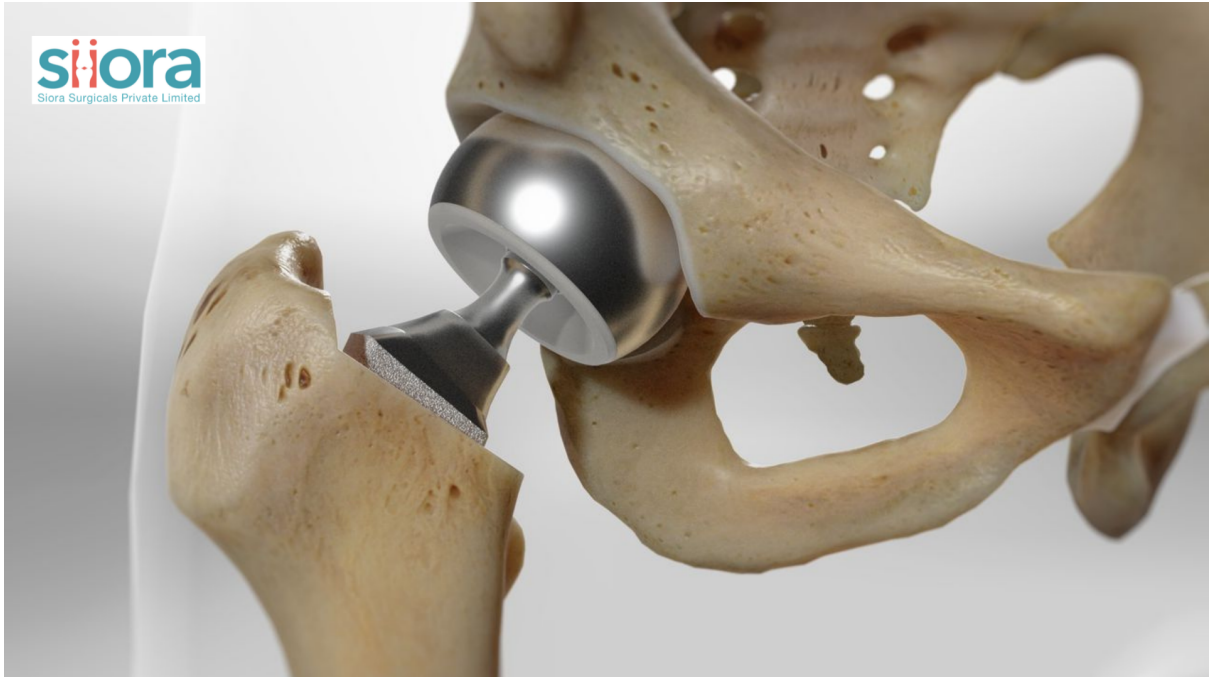


Partial Hip Replacement Surgery - Important Things to Know



Hip replacement is often carried out to treat hip fractures that do not respond to conventional methods like physical therapy and medication. Hip fractures are mostly seen in the elderly as they are at a high risk of falling while moving around. Besides this, adults can also experience hip fractures but, the cause is generally traumatic injuries like automobile accidents.

Severe cases always require surgical intervention but the type of surgery performed will depend on several parameters including the severity and the age of the patient. In cases where only the femoral neck is fractured, partial hip replacement surgery is recommended. This requires the application of a hip prosthesis.

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In this post, we will talk about partial hip replacement in detail. Let us first have a brief look at it.

Introduction to Partial Hip Replacement Surgery

Also known as hip hemiarthroplasty, partial hip replacement surgery is performed to fix femoral neck fractures that cannot be treated with non-surgical methods. This surgery involves the removal of the damaged ball portion of the femur and replacing it with a prosthesis.

Indications for Partial Hip Replacement Surgery

Hip hemiarthroplasty is performed to treat displaced subcapital femoral neck fractures that may result in femoral head avascular necrosis. This technique is known to be the best in older people and those who are less active. When it comes to younger patients suffering from hip fractures, complete hip replacement surgery is known to be the best procedure.

Conditions that may Increase the Chances of Hip Replacement Surgery

Here are certain conditions that may damage the hip joint and arise the need for hip replacement surgery:

Osteoarthritis

Rheumatoid and psoriatic arthritis

Hip fracture or dislocation

Developmental hip dysplasia

Neoplasms

Osteonecrosis

Childhood hip disorders like slipped capital femoral epiphysis and Legg-Calvé-Perthes disease

The procedure of Partial Hip Replacement Surgery

Hip replacement surgery is performed in the operation theatre and the patient is given anesthesia so that he/she does not feel pain during surgery.

Hip hemiarthroplasty aims at removing the broken femoral head, trimming the fractured neck end, and placing a prosthesis in its place.

Most partial hip replacement surgeries can be performed in less than an hour. Depending upon the situation of the patient, the surgeon can choose to either perform open surgery or a computer-assisted procedure that is less invasive.

Complications Associated with the Procedure

All types of surgeries have some minor or major complications, and the same is the case with partial hip replacement surgery. Here are the complications that may be seen after hip hemiarthroplasty:

Hematoma

Infection

Loosening

Dislocation

Osteolysis

Implant failure

Non-union or malunion

Periprosthetic fracture

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