



## Total Hip Replacement (Smith & Nephew)

**DAMAGED  
HIP JOINT**



**REPAIRED  
HIP JOINT**



### Overview

This surgery fixes a damaged or diseased hip. It replaces your hip with implants that restore function to your joint.

### Preparation

To begin, you are put to sleep. The surgeon makes an incision to reach your hip joint. Then, the large leg bone, or "femur," is separated from the socket. The head of the femur is removed.

### Socket

To fix the socket, the surgeon removes damaged tissue and bone from the pelvis. Then, a shell is secured into the bone. A liner is locked into the shell. The liner creates a smooth surface that will allow the joint to move freely.

### Femur

The surgeon now focuses on the femur implant. The end of the femur is hollowed out. A long, narrow implant called a "stem" is placed into the femur. The top of the stem is fitted with a ball. The ball is placed into the socket, and the joint is tested. Finally, your incision is closed and bandaged.

### End of procedure

After the surgery, you are watched in a recovery room as you wake up. Your surgeon will tell you when you can go home. Follow your surgeon's advice for a safe recovery.