



Tibial Osteotomy (Closed Wedge Method)



Overview

With this surgery, we treat a knee that has early-stage arthritis on only one side. We shift your body's weight to the healthier side of your knee. This relieves pain and improves your knee's function.

Preparation

To begin, we give you medicine to put you to sleep. We make an incision to reach the tibia. That's the large bone of your lower leg. We make two cuts in this bone below the healthy side of the knee joint, freeing a wedge of bone. This creates a gap.

Shifting the knee's weight

Now we remove the wedge of bone and bring the upper and lower parts of the tibia together to close the gap. This changes how your lower leg lines up with your knee. It shifts your body's weight from the bad side of your knee to the healthy side. Finally, we secure the upper and lower parts of the tibia. Over time, the cut in the bone will heal.

End of procedure

When we're done, we close and bandage your skin. You're watched for a brief time as you wake up. Follow your surgeon's instructions for a safe recovery.