



Robotic-Assisted Solution

A total knee replacement is a procedure performed to treat arthritis and deformity of the knee with different types of implants. Advanced technology, like robotics, can help surgeons perform precise knee replacement surgery that is personalized for the patient's specific anatomy.

Knee Replacement Surgery Facts

- 90% of patients reported satisfaction with the overall functioning of their knee after total knee replacement
- Approximately 3 million total knee replacements are performed annually
- Knee pain dramatically reduced for most patients after surgery
- More than 90% of total knee replacements were still functioning well 15 years after the surgery
- Most people report a significant improvement in their ability to perform daily activities

Recovery After Knee Surgery

Typically, patients will be able to walk unaided just six weeks after surgery with the ability to return to work and everyday activities. After 12 weeks, patients may even perform low-impact activities such as golfing, yoga, and swimming.

VELYS™ Robotic-Assisted Knee Replacement

Every knee is different, as is every patient requiring a knee replacement procedure. That is why the VELYS™ Robotic-Assisted Solution was designed to help surgeons perform a knee replacement with the use of data that's tailored to each patient's anatomy, which may help provide predictable results to improve outcomes, increase mobility, and help patients recover faster.

This specific robotic-assisted device:

- Aids surgeons by initiating state-of-the-art technology to provide information for real-time decision making
- Helps remove the damaged bone with accuracy and precision
- Keeps surgeons in control during the procedure and doesn't move or operate on its own
- Uses an infrared camera and optical trackers to help achieve precise bone cuts

Get Back Sooner with the ATTUNE™ Knee System

Designed to help patients feel confident from their very first step, the ATTUNE™ Knee System for knee replacement has been provided to more than 1,000,000 people worldwide since 2011. ATTUNE™ Knee delivers greater flexion and a faster recovery that allows patients to get back to living the life they want to live.

According to two worldwide studies that compared the ATTUNE™ Knee System with other leading knee systems, ATTUNE™ Knee showed the following improved patient-reported outcomes after two years:

- Improved overall quality of life
- Increased confidence in knee performance
- Less pain in the front of your knee
- More confidence in performing everyday activities

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