



[INSERT FACILITY LETTERHEAD]

VELYS™ Robotic-Assisted Solution for Knee Replacement

Fact Sheet

About Knee Osteoarthritis

Osteoarthritis (OA) is the most common form of arthritis, affecting more than 32.5 million US adults.¹ Although OA becomes more common with age, it can affect adults of all ages, usually as the result of a joint injury or inherited joint defect. With this condition, the normal smooth joint surfaces are worn away, and over time this may result in bone-on-bone contact, pain and stiffness. OA typically affects only certain joints, particularly the knees, hips, hands, low back and neck. Knee OA is a particular concern, as one in two adults will develop symptoms of knee OA during the course of their lives.² More than 20 million people in the US suffer from knee osteoarthritis (OA).²

Knee OA is a progressive condition that worsens over time. Medication, injections, water therapy (ice/hot packs), physical therapy and other conservative methods can help manage the pain and stiffness associated with OA. Once the pain begins to interfere with everyday activities (walking, climbing stairs, getting in and out of a car), or once OA has progressed to the point where bone is rubbing against bone, joint replacement surgery may be an effective treatment option to repair the damaged bone and cartilage.

A total knee replacement is a procedure performed to fix the damaged parts of a knee with different types of implants.¹ Advanced technology like robotics can help the surgeon perform a precise knee replacement surgery personalized for the patient's specific anatomy.²

Knee Replacement Surgery Fast Facts

- In 2019, approximately 3 million total knee replacements were performed globally.³
- 90 percent of patients reported satisfaction with the overall functioning of their knee after total knee replacement.⁴
- Most people who had total knee replacement surgery experienced a dramatic reduction of knee pain and a significant improvement in their ability to perform daily activities.⁵
- More than 90 percent of modern total knee replacements were still functioning well 15 years after the surgery.⁵

Getting Back from Knee Surgery

A patient will typically be able to walk unaided, just six weeks after surgery and return to work and everyday activities. After 12 weeks, patients may even perform low-impact activities such as golfing, yoga and swimming. When it comes to knee replacement, patients have options, such as the implant and technologies like robotics, which are designed to enhance the overall patient experience.

VELYS™ Robotic-Assisted Solution Designed for Digital Precision in 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.

The VELYS™ Robotic-Assisted Solution is designed for digital precision, which is essential for improving comfort and the overall experience of total knee replacement surgery.^{6,7} This specific robotic-assisted device:

- Helps the surgeon optimize the outcome with the use of data that's unique to the patient's anatomy
- Keeps the surgeon in control during the procedure and doesn't move or operate on its own

The VELYS Robotic-Assisted Solution uses a variety of advanced technologies to ensure the surgeon has the information they need and the tools to perform a highly accurate and precise knee replacement.⁶

How it works:

- Aids the surgeon by accessing state-of-the-art technology to provide insights for real-time decision making
- Helps the surgeon remove the damaged bone with accuracy
- Uses an infrared camera and optical trackers to help the surgeon achieve a high precision level

The VELYS Robotic-Assisted Solution works in tandem with the ATTUNE™ Knee System, which is an innovative knee implant designed to work more closely with an individual patient's anatomy.

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 2011.⁸ ATTUNE Knee delivers greater flexion and a faster recovery that allows patients to get back to living the life they want to live.^{9, 10}

While knee replacement surgery is a common and successful procedure, it's important to have confidence in the knee system you choose. 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.¹¹

- More confidence in knee performance¹¹
- Less pain in the front of your knee¹²⁻¹⁵
- More confidence in performing everyday activities¹¹
- Improved overall quality of life¹¹

The VELYS™ Robotic-Assisted Solution with the ATTUNE™ Knee may be an option for patients who are seeking the latest technology designed to provide digital precision in knee replacement.

Both the VELYS Robotic-Assisted Solution and the ATTUNE Knee System are brought to you by DePuy Synthes, The Orthopaedics Company of Johnson & Johnson. DePuy Synthes provides one of the most comprehensive Orthopaedics portfolios in the world and is designed to keep people moving.

About [Name of Hospital]

[INSERT DESCRIPTIVE INFORMATION ABOUT THE FACILITY]

More Information

To learn more about knee replacement surgery provided by [facility name], visit [facility website].
[INCLUDE A LINK TO THE WEBSITE WHERE MORE INFORMATION MAY BE OBTAINED ABOUT ROBOTIC-ASSISTED KNEE REPLACEMENT SURGERY.]

Important Safety Information

As with any medical treatment, individual results may vary. The performance of knee replacement depends on age, weight, activity level and other factors. There are potential risks and recovery takes time. People with conditions limiting rehabilitation should not have knee replacement surgery. Only an orthopaedic surgeon can determine if knee replacement is right for you.

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