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Knee Technology  
Advancing: **Life**





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ADVITA GPS™

## Guided Personalized Surgery

Advita GPS Guided Personalized Surgery is the latest advancement in technology that provides surgeons with real-time visual guidance in total knee replacement surgery. This advanced platform combines surgeon expertise with a computer system to perform your knee surgery with a goal of advanced accuracy and precision, allowing for simple adjustments, minimally invasive techniques and implant alignment personalized to your unique anatomy.

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# Total Knee Replacement

**We don't have to tell you how debilitating joint pain can be, not to mention how it can make you feel.**

With so many components of your knee synchronized to perform in harmony, disease or injury can cause disruption and create painful joint problems. Thankfully, having a knee replaced after months or even years of suffering can allow you to experience reduced pain and get back to the activities you enjoy.

Total knee replacement, also called total knee arthroplasty (TKA), is a very common surgical procedure. Today, more than half a million knee replacement procedures are performed every year in the United States alone.<sup>1</sup>



**Before**



**After**



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YOUR KNEE REQUIRES

## A Unique Road Map

**Advita GPS has been shown to be accurate within less than one degree.**

When it comes to knee replacement, accurate placement and alignment of the implant components are critical to the overall longevity and function of the implant.

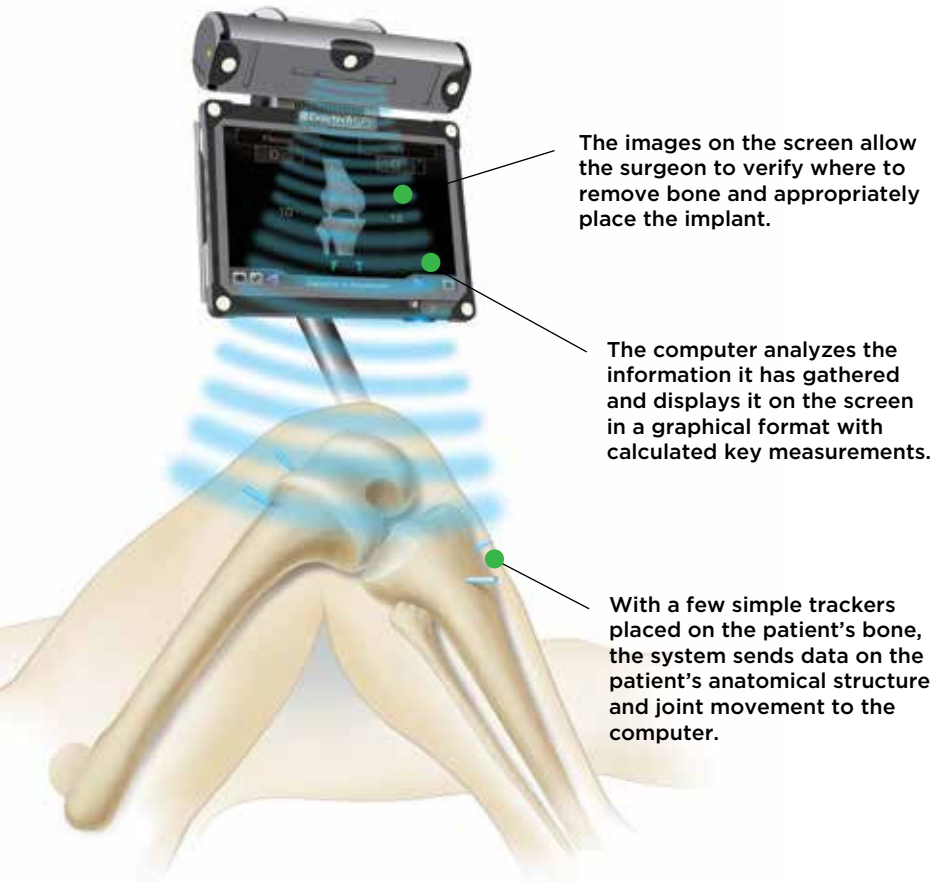
Traditionally, surgeons have used pre-operative X-rays, instrumentation and special techniques to plan the surgery and calculate the fit and positioning of the total knee implant. While this has worked well for many years, studies have shown the risk of implant failure increases substantially when the implant is outside of three degrees of alignment.<sup>2</sup>

GPS was developed to help surgeons meet their goals of precision and accuracy in total joint replacements. It has been shown to be accurate within less than one degree.<sup>3</sup>

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HOW DOES

## Guided Personalized Surgery Work?



**Advita GPS provides surgeons with a comprehensive view of your knee joint and bone structure personalized for your unique anatomy, which allows your surgeon to make adjustments to ensure accurate and precise placement of the knee implant.**

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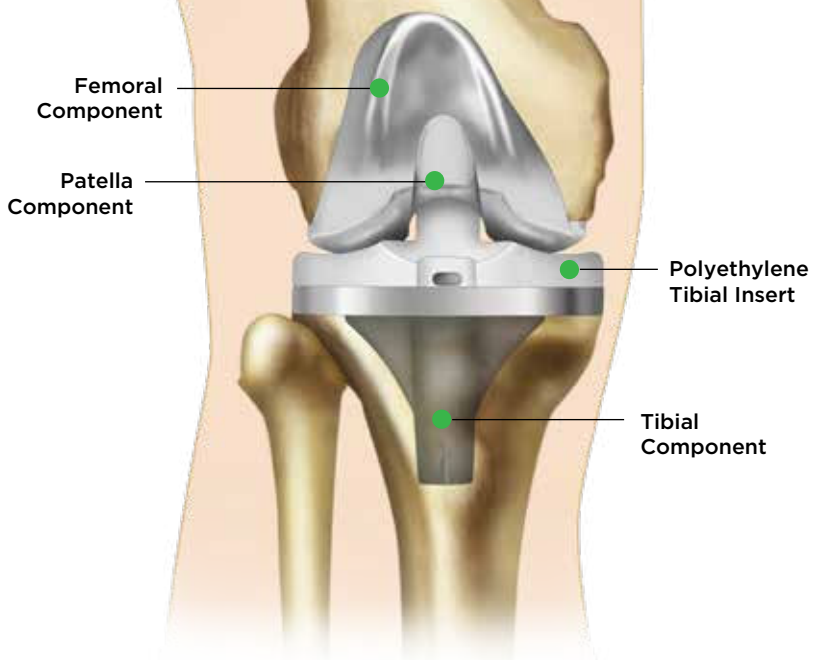
## WHAT IMPLANT

# Will My Surgeon Use?

Advita's knee system has a unique story that began more than 40 years ago at the Hospital for Special Surgery in New York, one of the world's leading orthopaedic research and treatment institutions. Founded on a rich design history, Advita's lineage of knee systems have helped thousands of patients around the world regain their mobility.<sup>3-6</sup>



**TRULIANT®**









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WHY THE ADVITA KNEE

## May Be Right for You.

Your surgeon will consider a number of variables when selecting the knee implant that's right for you. Your age, height, weight, lifestyle and your general health are among the most important factors.

This information is for educational purposes only and is not intended to replace the expert guidance of your orthopaedic surgeon. Please direct any questions or concerns you may have to your doctor.



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References: **1.** American Academy of Orthopedic Surgeons. OrthoInfo website. Total Knee Replacement. <https://orthoinfo.aaos.org/en/treatment/total-knee-replacement/>  
**2. Ritter MA, Faris PM, Keating EM, Meding JB.** Postoperative alignment of total knee replacement: its effect on survival. *Clin Orthop Relat Res.* 1994; 299:153-156. **3.** Data available upon request.\*

*At Advita Ortho, we don't innovate for innovation's sake. We innovate to enhance human life. Our intelligent orthopedic solutions help people live healthier, more active lives — allowing them to regain their mobility and their freedom. By utilizing new technologies in revolutionary ways, dreaming up game-changing solutions and empowering surgeons to achieve greater success, we are working to restore function and reignite possibility. Because to us, orthopedics is about more than advancing technology. It's about advancing life itself.*

*Advita GPS™ is manufactured by Blue Ortho SAS, an Advita Ortho subsidiary, and distributed by Advita Ortho, LLC. Truliant is manufactured by Exactech, Inc. and distributed by Advita Ortho, LLC.*

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