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Total Knee Replacement  
Advancing: **Life**



Newton is the latest Advita  
GPS technology that digitizes  
your unique anatomy to help  
personalize a surgical plan  
based on the dynamic motion  
of your knee.

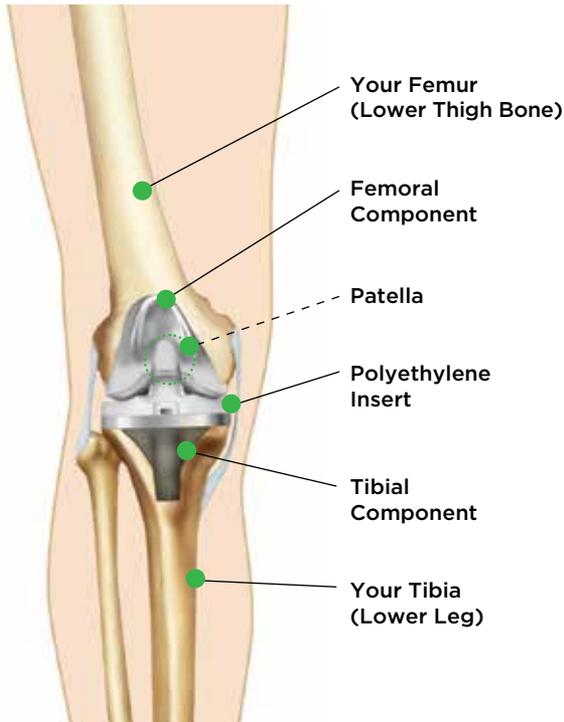
This interactive  
approach provides  
a knee personalized  
for you.



# 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.**

A total knee replacement, also known as total knee arthroplasty (TKA), is a widely performed surgical procedure that can allow you to experience reduced pain<sup>1-2</sup> and get back to your daily activities. Today, more than half a million knee replacement procedures are performed every year in the United States alone.<sup>3</sup>



PRE-SURGERY



POST SURGERY

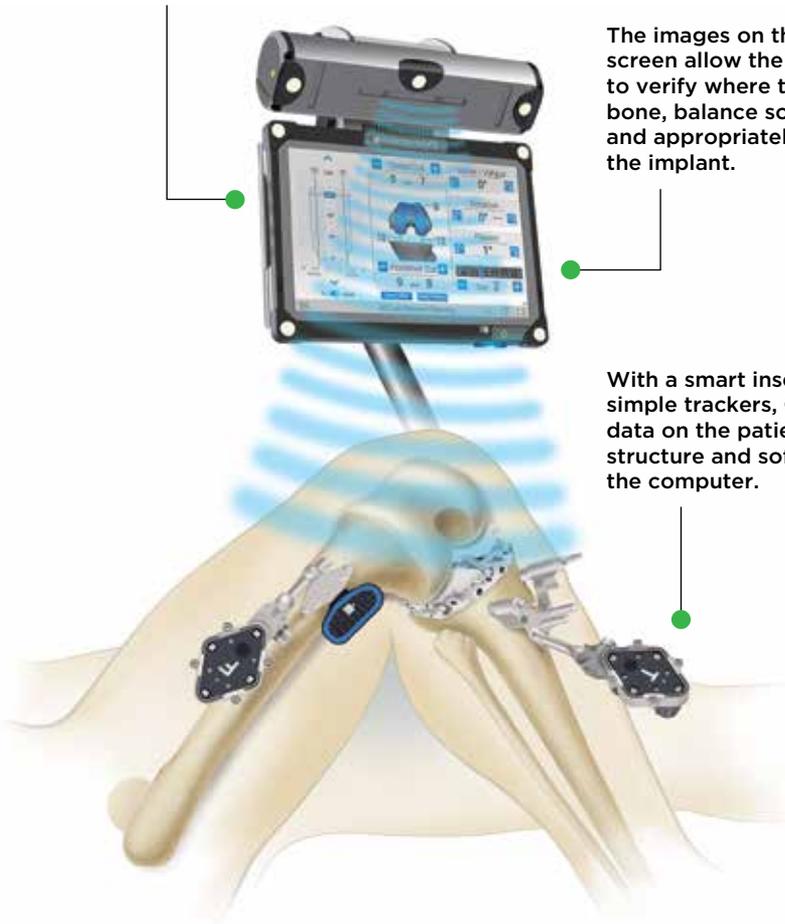
HOW DOES

# NEWTON Work?

GPS analyzes the patient's unique anatomy and displays it on the screen.

The images on the GPS screen allow the surgeon to verify where to remove bone, balance soft tissue and appropriately place the implant.

With a smart insert and simple trackers, GPS sends data on the patient's bone structure and soft tissue to the computer.



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## Newton Knee Surgery

Introducing the Newton® Knee, Advita's personalized ligament balancing procedure that provides surgeons with real-time visual guidance throughout your knee surgery. Harnessing the power of GPS, the Newton technology combines your surgeon's expertise with state-of-the-art 3D computer-aided balancing and minimally invasive techniques to provide a total knee aligned to your unique anatomy.



*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 of us, orthopedics is about more than advancing technology. It's about advancing life itself.*

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References: **1. Carr, Andrew J et al.** Knee replacement. *Lancet* (London, England) vol. 379,9823 (2012): 1331-40. **2. Giesinger, Johannes M., et al.** WOMAC, EQ-5D and knee society score thresholds for treatment success after total knee arthroplasty. *The Journal of Arthroplasty* 30.12 (2015): 2154-2158. **3. American Academy of Orthopedic Surgeons.** OrthoInfo website. Total Knee Replacement. <https://orthoinfo.aaos.org/en/treatment/total-knee-replacement/>

*GPS in manufactured by Blue Ortho SAS, an Advita Ortho subsidiary, and distributed by Advita Ortho, LLC.*

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