



NEWTON
KNOWS
YOUR •
KNEE

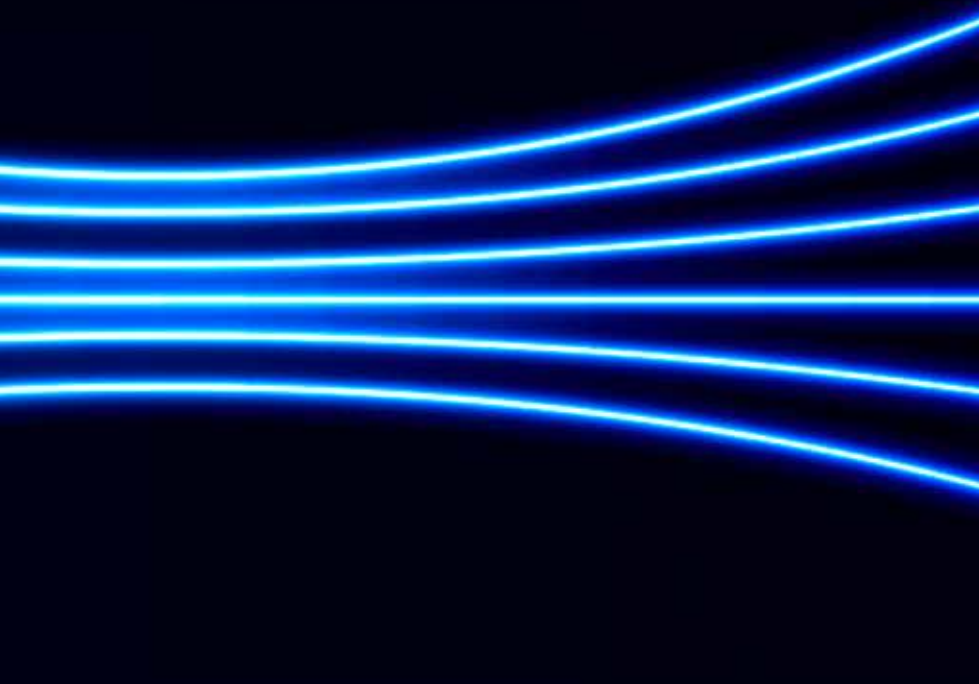
Total Knee Replacement Surgery



exactech

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

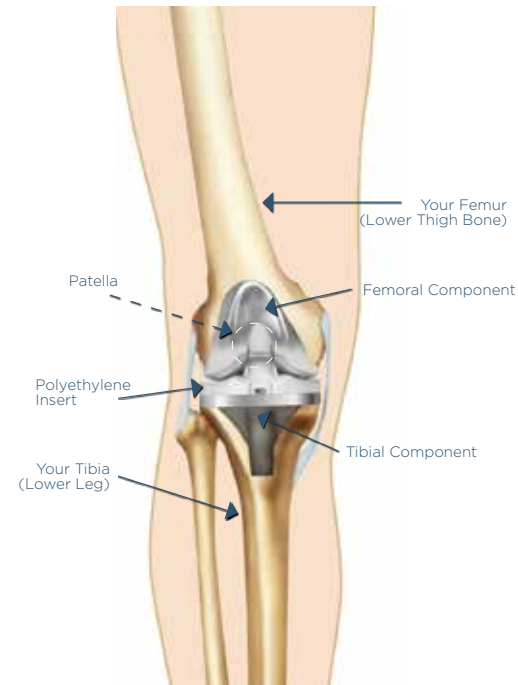
**THIS INTERACTIVE
APPROACH PROVIDES
A KNEE PERSONALIZED
FOR YOU.**

The bottom half of the image features several horizontal, glowing blue light streaks that curve slightly upwards from left to right, creating a sense of motion and depth against the black background.

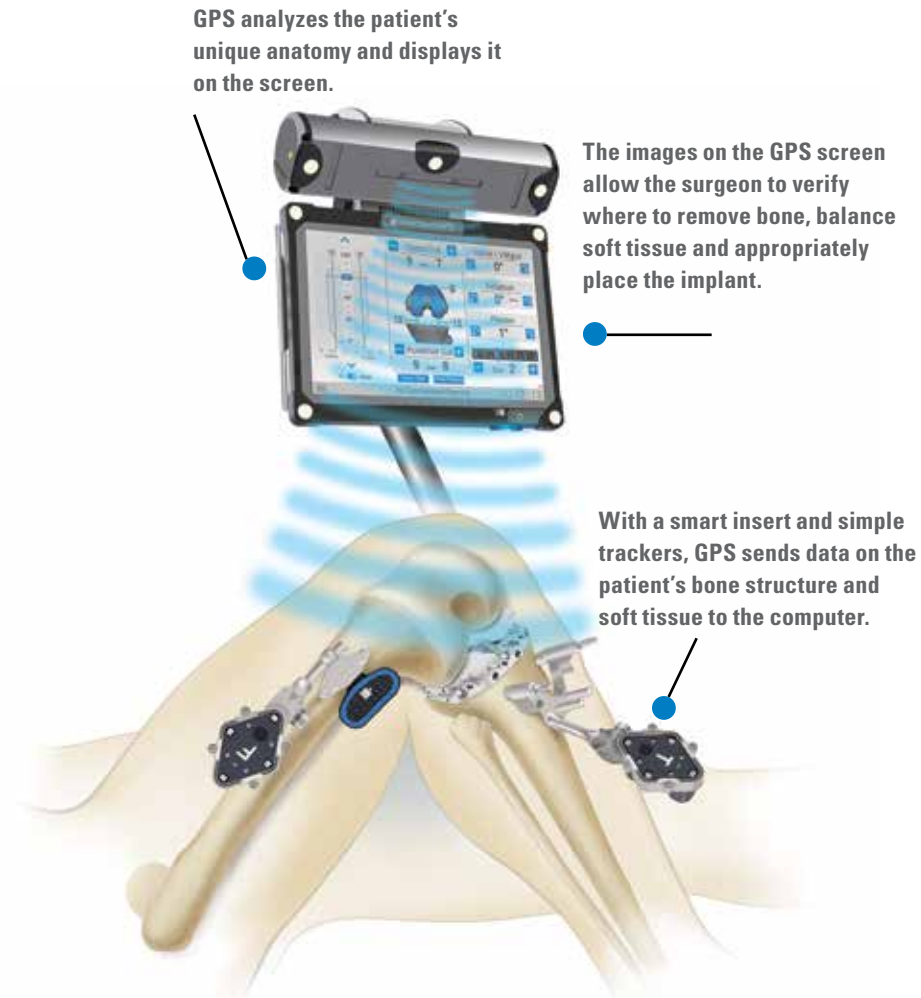
TOTAL KNEE REPLACEMENT

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 pain¹⁻² 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.³



HOW DOES NEWTON WORK?



NEWTON KNEE SURGERY

Introducing the Newton[®] Knee, Exactech'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.



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/>