HIPINSIGHT
SYSTEM

Personalized Planning, Predictive Imaging & Mixed Reality Guidance for Your Hip Replacement Surgery

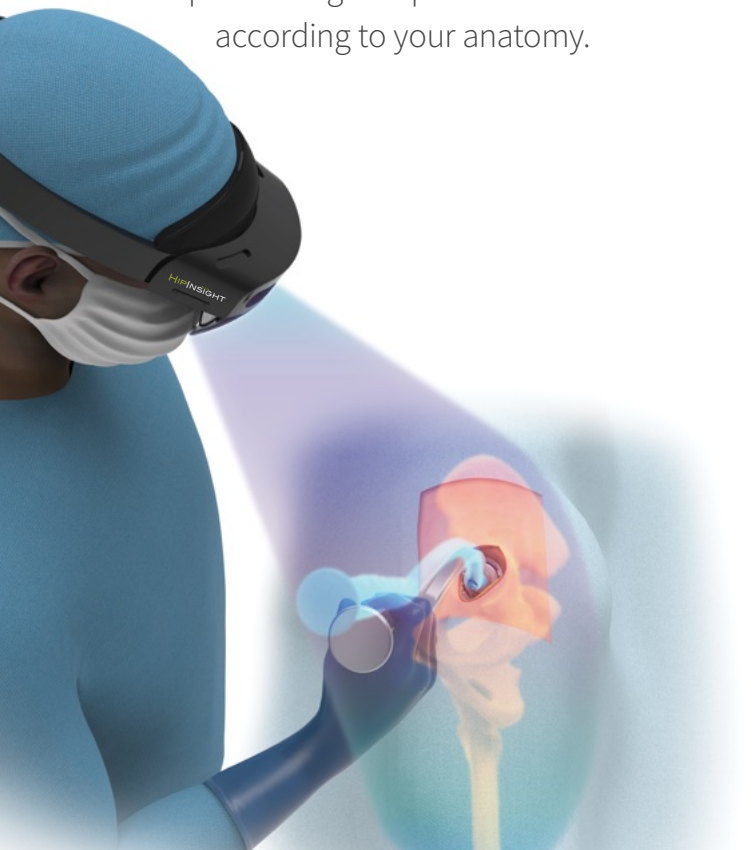
What is HipInsight?

The HipInsight™ system is the premier enabling technology platform for hip replacement surgery. HipInsight provides your surgeon with a powerful three dimensional (3D) pre-surgical plan to determine sizing and positioning of your implants. HipInsight enables effective execution of the plan during surgery both through predictive imaging and 3D visualization–effectively X-ray vision–to guide implant alignment[1] that is specific to you.

Why use HipInsight?

Imprecise implant placement is one of the leading causes of revision surgery.[2]

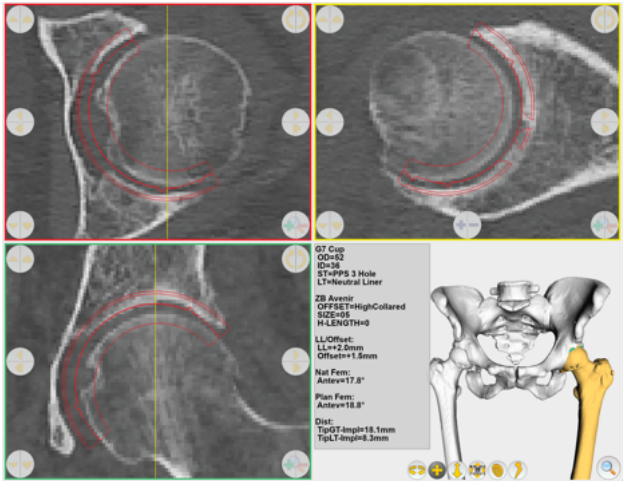
Surgeons have traditionally planned hip replacements using 2D x-rays. The HipInsight™ system relies instead on 3D CT imaging, which provides your surgeon with critical detail to help guide accurate implant sizing and placement according to your anatomy.



Before Surgery

We create a detailed plan for your surgery, tailored to you.

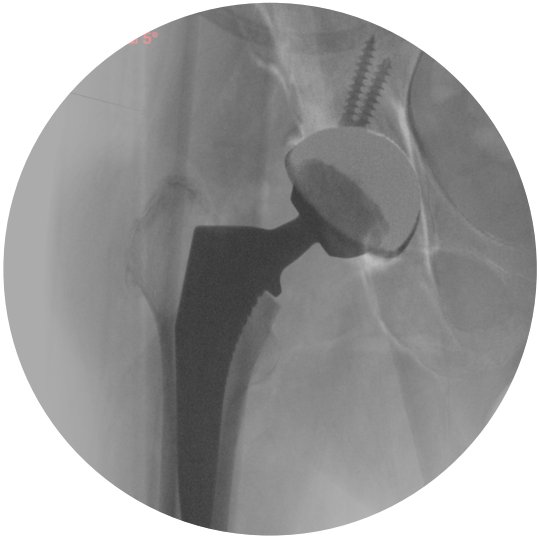
A CT scan is performed, which is used to design 3D models of your hip as well as a detailed surgical plan. This plan specifies the size, orientation, and position of your hip replacement and is available to your surgeon before and during your surgery. Your surgeon is able to review and further tailor your surgery plan in advance.



During Surgery

Your surgeon can leverage HipInsight predictive imaging and mixed reality guidance.

During surgery, if your surgeon uses imaging, these images can be compared to the preoperatively generated images of the surgery plan. Further, your surgeon can display a sequence of 3D images of your surgery plan in and around your body using mixed reality guidance.



Predictive image overlayed on imaging taken during suregery.

To learn more about the HipInsight™ system, visit www.HipInsight.com

REFERENCES

[1]Dilbone ES, Heimann AF, Leal J, Ryan SP, Wellman SS. Evaluating the Accuracy of a Computed Tomography-Based Mixed-Reality Navigation Tool for Acetabular Component Positioning in Total Hip Arthroplasty. Journal of Arthroplasty. doi: 10.1016/j.arth.2025.02.003

[2]Ulrich SD, Seyler TM, Bennett D, et al. Total hip arthroplasties: what are the reasons for revision?. Int Orthop. 2008;32(5):597-604. doi:10.1007/s00264-007-0364-3

The HipInsight system is FDA cleared for use in the United States.

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