



HIPXPERT

CUSTOMIZED PLANNING AND INSTRUMENTS
FOR YOUR HIP REPLACEMENT SURGERY

Successful Surgery Begins with Precision

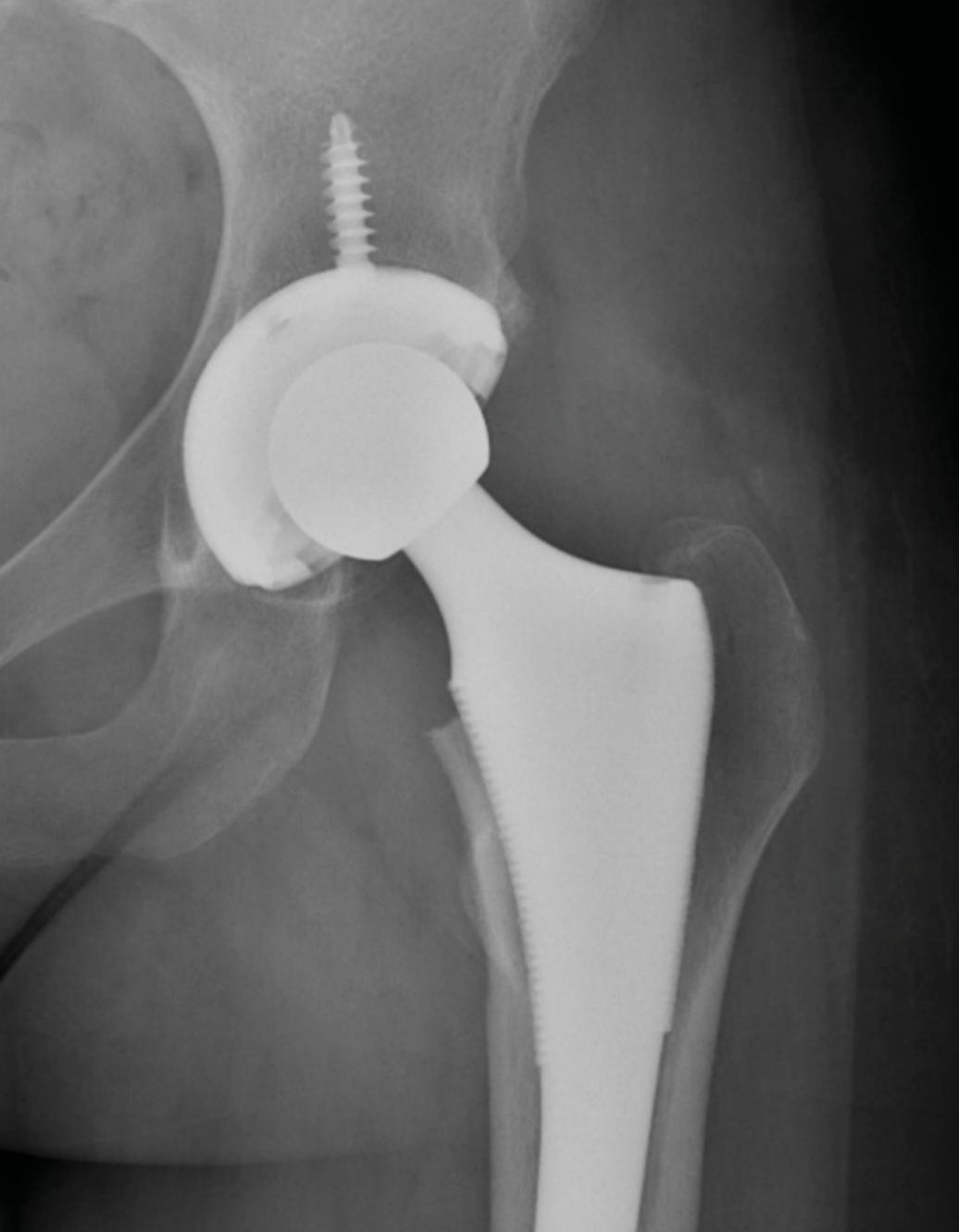


Despite all of the advances in hip replacement surgery in recent years, traditional surgery instruments do not provide sufficient information for your surgeon to precisely align the socket component of your hip replacement.

This is because traditional surgery instruments do not “know” the precise position of the pelvis at the time that the cup component is inserted.

Studies show that imprecise positioning of the socket occurs in more than 50% of hip replacement cases. Such malpositioning can lead to repeat surgery, due either to dislocation of the hip implant or loosening caused by increased wear of the bearing surfaces that line the cup. Surgical imprecision is the leading reason for revision hip surgery.

You expect excellent clinical results and a successful, long-lasting hip replacement. The HipXpert system is proven technology that gives surgeons the information and instruments to better achieve those goals.



With the HipXpert system, you will head into surgery knowing that your surgeon has the information and customized instrument needed to plan your surgery and align your cup properly. Proper cup alignment—as seen in the x-ray above—is an important key to the long-term success of your surgery.

What is the HipXpert system?

The HipXpert system is a unique and patented technology that provides your surgeon with a customized plan and instrument for your surgery.

The two key components are:

- 1.** A detailed, software-based 3D plan for your surgery that your surgeon will review, edit and reference during your procedure. This plan is unique to your individual anatomy and takes into account the shape and position of your pelvis.
- 2.** A precision surgical instrument adjusted to your pelvis and based on your 3D plan. It allows your surgeon to correctly align the socket component during surgery.

The HipXpert system effectively addresses the largest unsolved problem in hip replacement surgery: the need for repeat surgery due to improper positioning of the artificial socket.

For more information, visit www.HipXpert.com.

How does the HipXpert system work?

- 1.** Your surgeon will arrange for you to have a CT scan before surgery. These images are uploaded to the HipXpert website and used to create a 3D model of your pelvis.
- 2.** The necessary custom adjustments are made for the HipXpert mechanical instrument to precisely dock on your pelvis and indicate the desired direction of cup implantation.
- 3.** A 3D model of the hip implant is then placed into the computer model of your hip socket. This allows the surgeon to see the artificial cup within your bone to further facilitate optimal positioning during surgery.
- 4.** Your customized hip surgery plan is then uploaded for your surgeon to access prior to surgery. Your surgeon can review and modify the plan in detail as desired before, or even during your surgery, as needed.

The system is successful because it knows the size and shape of your pelvis and how the instrument will dock there. It has been proven in multiple research studies, including an independent study, to place the socket within the desired target range in 98-100% of procedures.

Why should my surgeon use the HipXpert system?

The HipXpert system effectively addresses the largest unsolved problem in hip replacement surgery: the need for repeat surgery due to improper positioning of the artificial socket. Even the most skilled and experienced surgeon needs precise information on where your pelvis is in space and how the cup should be aligned.

How can I ensure that the HipXpert system is used for my hip replacement surgery?

Ask your surgeon.

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Contact us at 617-277-4434.
For more information, please visit
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