Ensure Success

Intellijoint HIP is a surgeon-controlled, smart navigation tool for total hip replacements. It provides your surgeon with real-time measurements during surgery to ensure your implants are positioned exactly as planned.

Ask your family doctor or surgeon about Intellijoint HIP and the added accuracy it can bring to your total hip replacement.

For more information, contact **info@intellijointsurgical.com** or visit **www.intellijointsurgical.com**

Full references located intellijointsurgical.com/references
1) Xu, 2014 2) Gausden, 2018 3) Barrack, 2013 4) Ellapparadia, 2016

The information provided in this brochure is for educational purposes only. Please consult with your doctor to determine if total joint replacement is right for you.

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intellijoint surgical™
Smart. Simple. Sophisticated.

Enhance your total hip replacement.

intellijoint HIP®

What is a total hip replacement?

A total hip replacement (THR) is generally a successful and effective surgery that can eliminate hip pain and restore mobility in patients suffering from osteoarthritis, hip dysplasia, or other conditions.

It involves removing the damaged bone and cartilage. Then the surgeon replaces the acetabulum (socket) and head of the femur (thighbone) with artificial implants.

During a traditional THR, your surgeon relies on manual techniques to select and position implants, including:

- Professional judgement to assess the feel of the joint
- Expert eyes to gauge the position of the component

CAUTION!

If the implants are not correctly positioned, painful and costly complications can occur!

How does Intellijoint HIP help?

With Intellijoint HIP, your surgeon has the most accurate and up-to-date information for implant positioning. It enhances your THR outcomes by showing your surgeon precise measurements for cup position, leg length and offset.

Intellijoint HIP can be used in a primary or revision THR and with any surgical approach recommended by your surgeon.

Intellijoint HIP can help in the prevention of complications like:[1,2]

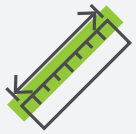
- Uneven leg lengths
- Hip instability/dislocation
- Hospital readmission
- Revision surgery

During a THR there are three measurements that your surgeon must accurately determine to ensure your new implants are positioned just right for you.

Cup position

The angle that the new cup is positioned within your pelvis.

Using manual techniques, up to 62% of cups are not placed within a target range.[3]



Leg length

The length that your operative leg needs to be lengthened or shortened

Leg length discrepancy of five millimeters or greater can occur in up to 49% of all manual THR.[4]

Offset

The distance from your pelvis to your greater trochanter.

Intellijoint HIP provides measurements right down to the millimeter. To achieve this level of accuracy, the miniature camera is attached directly to your hip.
It communicates with a tracker within the sterile field providing your surgeon with the most accurate measurements.