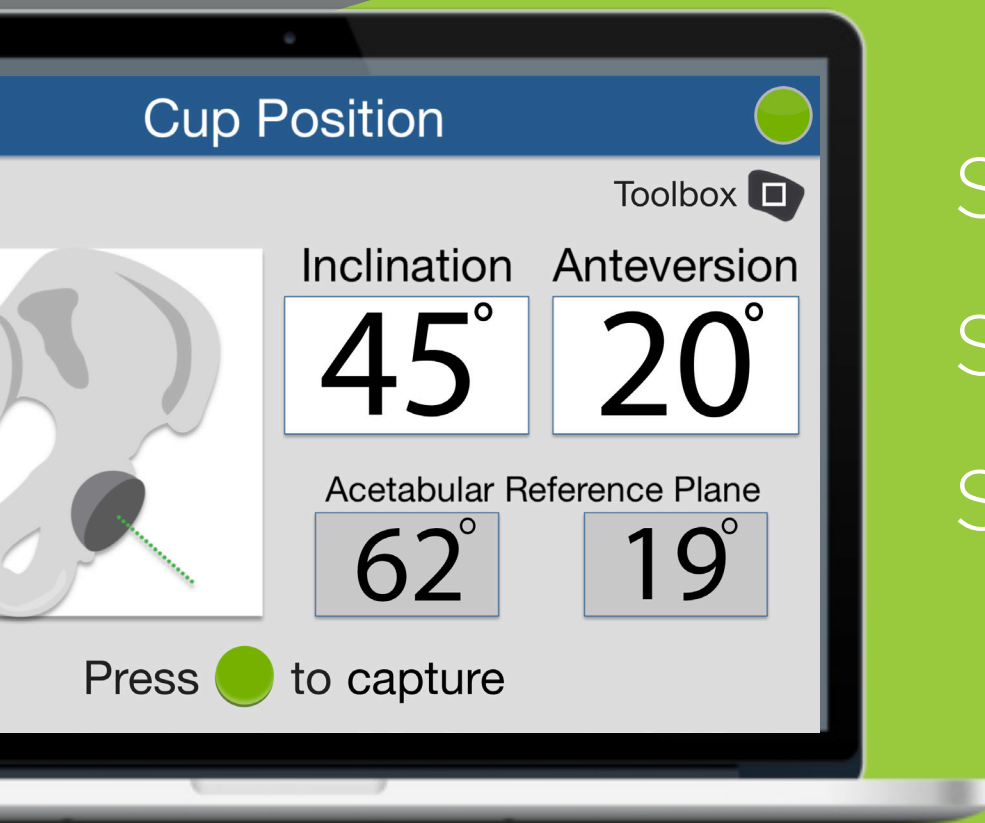


intellijoint **HIP**[®]

Setting the new standard.



Smart.

Simple.

Sophisticated.

intellijoint **HIP**[®]

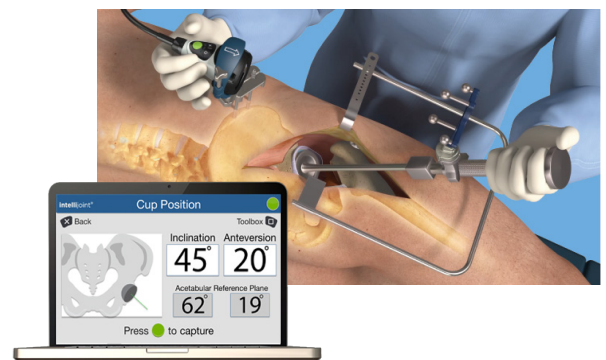
intellijoint **HIP** is a 3D mini-optical navigation system that provides surgeons with intraoperative measurements to ensure proper size selection and positioning of artificial implants during Total Hip Arthroplasty (THA).

SMART

- Intraoperative measurements for cup position, leg length, offset, and hip center of rotation
- Quantitative measurements are not affected by patient movement or anatomical variations
- Reduces surgical outliers¹

SIMPLE

- Surgeon controlled from within the sterile field
- Seamlessly integrates into any standard surgical workflow



SOPHISTICATED

- Only imageless navigation system FDA cleared and Health Canada licensed for primary and revision THA
- Suitable for Anterior, Lateral, and Posterior surgical approaches
- Compatible with ANY major implant vendor

CLINICAL ACCURACY

CUP POSITION



Angles measured to within less than one degree.*²

LEG LENGTH



Measurements accurate to within 0.3 - 0.8 mm.**²⁻⁴

OFFSET



Measurements accurate to within 0.5 mm of set targets.*⁴

* When compared to CT scans

** When compared to radiographic measurements

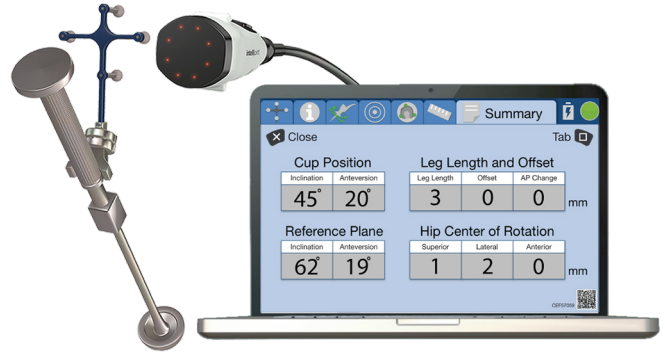
Applications:

Lateral & Posterior

Simply, high tech.

Designed for surgeons with surgeons, this navigation system can seamlessly integrate into any operating room.

- Surgeons are efficient users in five procedures or less⁵
- Added average OR time is less than three minutes⁴



Anterior

Reduced radiation exposure without compromising accuracy.

intellijoint HIP Anterior provides highly accurate implant position measurements while keeping the procedure minimally invasive for everyone.

- No fluoroscopy required for cup position, leg length, or offset verification
- No interruption of the standard surgical work flow



DID YOU KNOW?

High radiation exposure can have dire, long-term effects. High volume surgeons (>189 cases/year) specializing in Direct Anterior Approach far exceed the maximum radiation exposure recommended annually.^{6,7}

Revision

Informed intraoperative decision making.

intellijoint HIP for revision is a flexible navigation system for all revision cases.

- Provides accurate measurements despite anatomical landmarks having been damaged or removed
- Assists in determining when preservation of the primary acetabular cup is possible

FACT

intellijoint HIP for revision can reduce the risk of re-revision caused by dislocation.⁸

Surgeon Testimonial

“ **intellijoint HIP** provides offset, leg length determination, in conjunction with acetabular positioning and allows you to fine tune these rather than guessing and using different landmarks. I see this as a potential game changer as you can use the information provided by intellijoint HIP to combine reducing leg length discrepancy as well as prevent dislocation. ”

Dr. Wayne G. Paprosky,

Hip & Knee Reconstruction and Replacement Orthopaedic Surgeon, Professor, Rush University Medical Center

Cost-effective and cutting edge.

Accessible with an affordable and flexible payment model, **intellijoint HIP** offers hospitals, clinics, and physicians an opportunity to enhance and promote their clinical excellence.



Smart. Simple. Sophisticated.

www.intellijointsurgical.com



Intellijoint Surgical develops and commercializes surgical navigation solutions.

We are committed to developing solutions that are accessible, fast, and easy to use while driving excellent clinical results.

Interested in more?

Email: sales@intellijointsurgical.com

Phone: 1-888-232-2634

1. Li Y, et al. Evidence-based computer-navigated total hip arthroplasty: an updated analysis of randomized controlled trials. *Eur J Orthop Surg Traumatol* 2014; 24;4:531-8. **2.** Vigdorichik JM, et al. A cadaver study to evaluate the accuracy of a new 3D mini-optical navigation tool for THA. *Surg Technol Int.* 2017 Jul 25;30:447-454. **3.** Paprosky WG, et al. Intellijoint HIP®: a 3D mini-optical navigation tool for improving intraoperative accuracy during total hip arthroplasty. *Med Devices (Auckl)*. 2016 Nov 18;9:401-408. **4.** IJS data on file. **5.** Muir, JM. The learning curve for a new surgical smart tool in traditional hip arthroplasty - a review of cases using Intellijoint HIP. Waterloo, Ontario: Intellijoint Surgical, Inc.; 2016. **6.** Singer, G. Occupational radiation exposure to the surgeon. *J Am Acad Orthop Surg.* 2005 Jan; 13(1): 69-76. **7.** Masonis J, Thompson C, Odum S. Safe and accurate: learning the direct anterior total hip arthroplasty. *Orthopedics.* 2008 Dec; 31(12 Suppl 2). **8.** Elbuluk et al. Computer navigation for revision total hip arthroplasty reduces dislocation rates. Poster presented at CAOS Annual Meeting, June 2018, Beijing, China.

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