



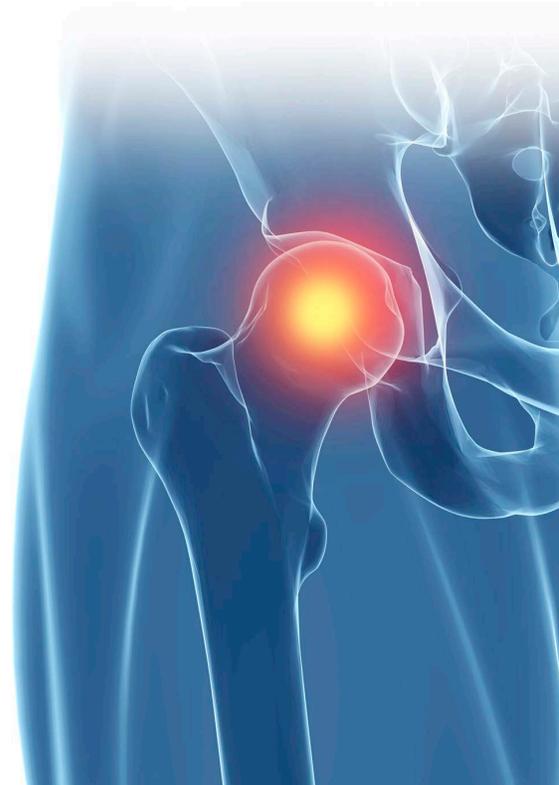
# Miniaturized Surgical Smart Tools

Intellijoint Surgical™ is a privately held Canadian medical technology company committed to assisting orthopaedic surgeons meet their surgical objectives. Focused first on hip surgery, Intellijoint Surgical's affordable Smart Tools have the potential to enhance surgeon accuracy, improve patient outcomes and increase hospital economic efficiencies.

## intellijoint HIP®



Your Smart Tool for...  
**Cup Position.**  
**Leg Length.**  
**Offset.**



**intellijoint HIP** is an affordable, easy to use Smart Tool that assists surgeons with accurate selection, positioning and alignment of implants during hip replacement surgery. The device uses a combination of hardware and software, and integrates miniature optical sensors and microelectronics.

Without altering surgical techniques or workflows, **intellijoint HIP** provides surgeons with quantitative intraoperative data regarding changes in cup position, leg length and offset. This data may expedite decision-making and improve accuracy in achieving preoperative planned targets, ultimately improving patient outcomes and reducing outliers. **intellijoint HIP** is quick to use and supports OR efficiency.

### Our Philosophy

- Design simple yet sophisticated Smart Tools that enable improved surgical techniques.
- Respect surgical approaches and workflows by offering tools that complement the surgeon's toolbox and allow them to practice the way they want to practice.
- Deliver value to the surgeon, hospital and patient through accurate and affordable Smart Tools that may reduce the risk of outliers.

#### Interested in a product demonstration?

Contact us today.  
sales@intellijointsurgical.com

Phone: 519-342-3178  
Web: [www.intellijointsurgical.com](http://www.intellijointsurgical.com)  
Twitter: @intellijoint



Photo by One For The Wall Photography

**Armen Bakirtzian, MHS**

Chief Executive Officer and Co-founder

**Andre Hladio, MASc**

Chief Technology Officer and Co-founder

**Richard Fanson, MASc**

Chief Science Officer and Co-founder

## Our Story

Our flagship product, **intellijoint HIP**, was initially born out of a final year university design project. Engineer Armen Bakirtzian came up with the idea for a product to make hip replacement surgeries more accurate after discussions with his orthopaedic surgeon father. Armen teamed up with colleagues Richard Fanson and Andre Hladio to pitch the idea at Next Top Young Entrepreneur Start-Up Pitch Competition in 2010. After winning the competition

and securing an initial round of investment, the three entrepreneurs co-founded Intellijoint Surgical and began the journey to bring **intellijoint HIP** to market. Today, **intellijoint HIP** has obtained both a Health Canada licence and has been cleared by the FDA. The product has been utilized by surgeons in over 300 procedures in the US and Canada. The company will continue to expand into other areas, including knee arthroplasty in the near future.

## Our Key Milestones



## Our Surgical Scientific-Medical Board of Advisors

### Dr. Allan Gross, MD, FRCSC, Chairman of SAB

Dr. Gross is an orthopaedic surgeon and Ghert Family Foundation Chair in Lower Extremity Reconstructive Surgery at Mount Sinai Hospital and a professor and former Division Chairman of Orthopaedic Surgery at the University of Toronto. Dr. Gross is a world-renowned leader and researcher in revision hip surgery, and a member of the International Hip Society.

### Dr. Javad Parvizi, MS, MD, FRCS

Dr. Parvizi is an orthopaedic surgeon, a professor and Vice Chairman of Research at Thomas Jefferson University Hospital in Philadelphia and the Director of the Clinical Research Division at the Rothman Institute. Dr. Parvizi is a member of the International Hip Society and one of the most published orthopaedic surgeons worldwide.

### Dr. Ran Schwarzkopf, MD, MSc

Dr. Schwarzkopf is an orthopaedic surgeon at NYU Hospital for Joint Disease and an assistant professor of Orthopaedic Surgery at New York University, Hospital For Joint Diseases, Langone Medical Center.

### Dr. Wayne Paprosky, MD, FACS

Dr. Paprosky is an orthopaedic surgeon at Rush University Medical Center in Chicago, a professor of Adult Joint Reconstruction Surgery at Rush University and the Learning Center Chair for the Association for Arthritic Hip and Knee Surgery. Dr. Paprosky developed the Paprosky Classification in revision hip replacement surgery used worldwide, and is a member of the International Hip Society.

### Dr. Michael Cross, MD

Dr. Cross is an orthopaedic surgeon and Assistant Scientist at Hospital for Special Surgery in New York and a Clinical Instructor of Orthopaedic Surgery at Weill Cornell Medical School. He is the recipient of the 2013 Frank Stinchfield Award from the Hip Society.

