

# The advanced **surgical experience**

**HipMap, HipCheck and Pivot Guardian**

Establishing the  
**next frontier in FAI**





# The future of hip arthroscopy. Now.

**HipMap, HipCheck, and Pivot Guardian** create an advanced surgical experience for physicians and patients. This is a platform designed to advance FAI through enhanced workflow and improved patient-specific results.

# HipMap

**A pre-operative planning tool that delivers a patient-specific, interactive 3D representation of the hip designed to assist with clinical decision making.**

## Plan

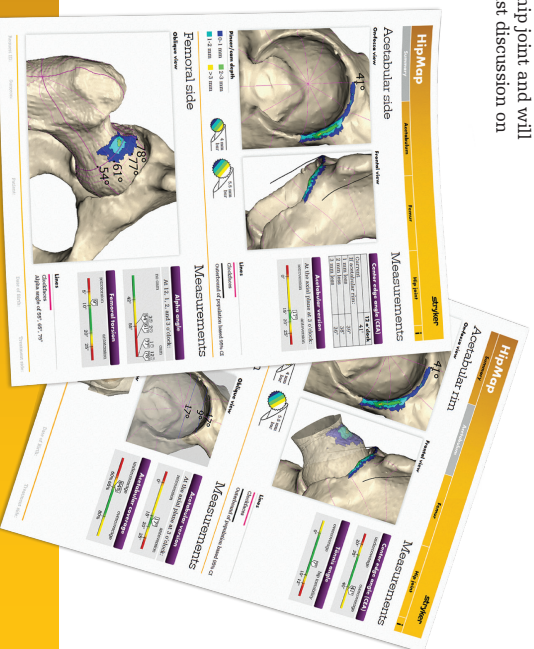
HipMap leverages advanced imaging to deliver a report with cam and pincer analysis, version/torsion measurements, indications for potential instability, 3D heat maps, measurement scales, and other visual tools.

HipMap utilizes complex analytics to provide surgeons with an advanced approach to pre-operative clinical decision making.



## Educate

HipMap will help patients understand the pathology affecting their hip joint and will contribute to a more robust discussion on the surgical approach.



# HipCheck

**An intra-operative resection planning and execution tool that allows surgeons to measure and resect cam lesions to a desired alpha angle.**



## Patient-specific cam pathology

Proprietary technology allows surgeons to localize and address cam pathology on a patient-specific basis.

## Advanced and reproducible approach to femoroplasty

Case review functionality allows surgeons to view a side-by-side comparison of pre-resection and post-resection fluoroscopy to verify the resection plan was executed. This checklist provides confidence that the full 3D volume of a cam lesion has been addressed.

## Improve workflow

Introduces a visualization tool to the sterile field to augment a surgeon's cam resection.

## Touchscreen

The touchscreen interface is designed to integrate into current workflow and put the surgeon in control.

## Post-Op communication

Pre-resection and post-resection comparison images demonstrate the cam was resected appropriately.



# Explore the innovative design

State-of-the-art design and manufacturing focused on improving the patient experience and operating room efficiency.



## A. Traction force gauge

The system includes a traction force gauge that estimates the amount of force on the patient.

## B. Fine and gross traction controls

Designed to provide precise control and better range-of-motion. The surgeon can easily make adduction, abduction, as well as extension and flexion hip adjustments. It also allows for internal and external rotation of the hip.

## C. Post-free

The Pivot Guardian Distraction System is designed to mitigate post-related complications.

## D. Carbon fiber construction

Radiolucent carbon fiber construction minimizes the amount of metal components surrounding the hip, allowing for full anterior and posterior visualization during surgery, a "true AP radiographic shot".

## OR turnover

The Pivot Guardian Distraction System is designed to minimize the time and effort required for transport, setup and takedown.

# Discover the next generation boot

Designed to mitigate heel slip for improved patient outcomes.?



## A. Boa System

Deliver precise fit and adjustment to distraction system boots, designed to enhance the comfort and safety of the patient.

## B. Achilles block

Designed to secure the patient's ankle during distraction.



## Sports Medicine

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1. Data on file, Stryker, DHD13364, "Hip Distractor, Evaluation of Distracted Space and Imaging"
2. Data on file, Stryker, DHD13315, "Hip Distractor Competitor Boot Heel Slip, Flame Deflection, and Table Top Pad Shear Detachment Force Benchmarking Report"

Literature Number: 1000903001 Rev A  
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