

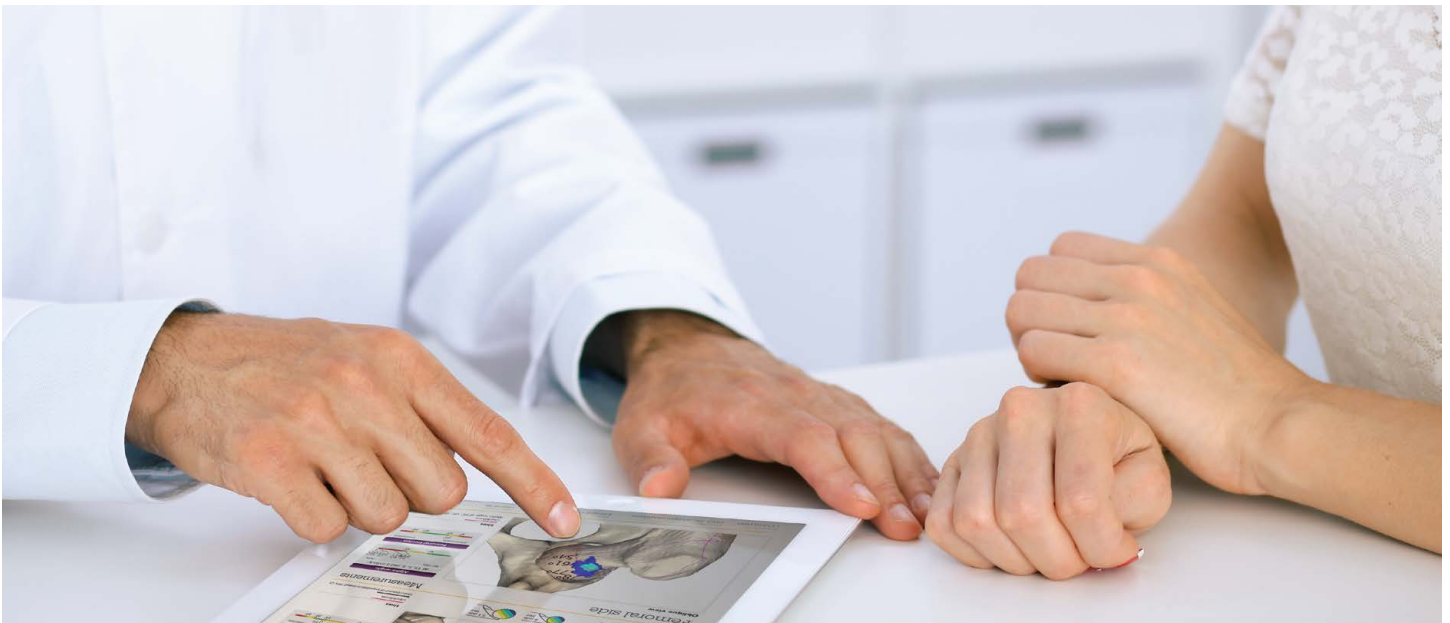
# The advanced **surgical experience**

**HipMap, HipCheck and Pivot Guardian**

Establishing the **next frontier in FAI**



## Advanced approach to pre-operative clinical decision making.



### Plan

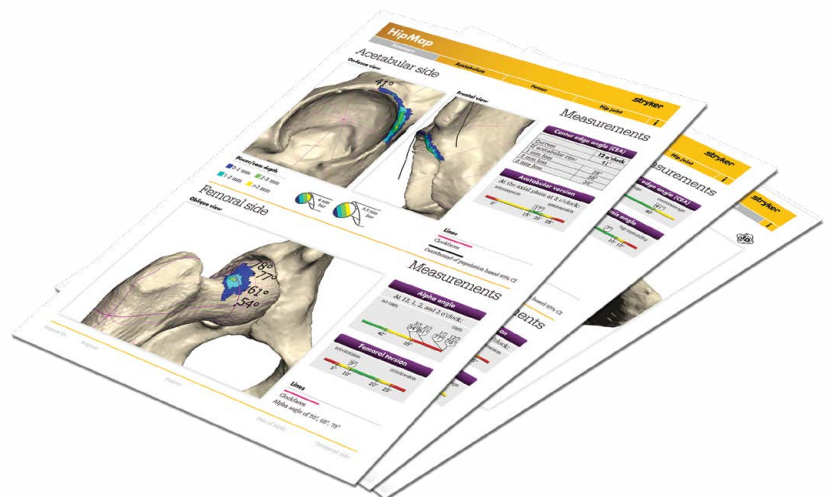
HipMap leverages advanced imaging to create a patient-specific, interactive 3D representation of the hip. The full report is delivered in a consumable format complete with cam and pincer analysis, version/torsion measurements, indications for potential instability, 3D heat maps, measurement scales and other visual tools.

### Execute

Promotes a better understanding of pathology and may aid in portal placement, capsulotomy and positioning decisions that traditionally have been difficult to plan or have been done intra-operatively. HipMap may also facilitate early identification of complex morphology in order to streamline case planning and scheduling.

### Educate

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



## Freedom to operate.



### Patient-specific cam pathology

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

### Resection checklist

Helps surgeons address the full 3D volume of a cam lesion using 2D imagery.

### 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 workflows and puts the surgeon in control.

### A. Post-free

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

### B. Traction force gauge

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

### C. 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.



# Post-Op

Improve patient education and communication.



## Improve post-op patient conversations

Leave patients with confidence that the cam pathology was addressed in accordance with the pre-operative plan. Pre-resection and post-resection comparison images demonstrate resection execution.

HipMap and HipCheck both contribute to more robust communication with patients.



# The future of hip arthroscopy. Now.

## **HipMap, HipCheck, and Pivot Guardian**

offer an advanced surgical experience with a vertically integrated platform that impacts patients across multiple touchpoints.



### **HipMap**

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

### **HipCheck**

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



### **Pivot Guardian**

Post-free hip distraction designed to mitigate groin complications and heel slip while enhancing range of motion.





## Sports Medicine

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Stryker  
Sports Medicine  
5670 Greenwood Plaza Blvd, Ste 200  
Greenwood Village, CO 80111

[www.stryker.com](http://www.stryker.com)