

Technology Assisted Hip Replacement

Intra-operative Analysis and Digital Templating for Hip Replacement

Actionable, real-time data designed to help increase accuracy and surgical reproducibility, reduce OR time, and improve patient outcomes.



VELYS
Hip Navigation

Step 17 of 17: OneTrial Analysis Finished →

← Previous
STEP MENU

PREOP ANALYSIS



OBJECTS

INTRA-OPERATIVE ANALYSIS

Cup: 54mm		Stem: Size 12 Std Offset	
Head Length: 1.5			
	Std Offset Leg Length, Offset	Coxa Vara Leg Length, Offset	
-2	1mm, 1mm	-3mm, 7mm	
1	3mm, 3mm	-1mm, 10mm	
1.5	4mm, 3mm	-1mm, 10mm	
5	6mm, 6mm	1mm, 13mm	
8.5	8mm, 8mm	3mm, 16mm	
9	9mm, 8mm	4mm, 16mm	
12	11mm, 11mm	5mm, 18mm	

Offset: Total/Femoral

Analyze New Image

Formerly known as JOINTPOINT® Hip Navigation System



Innovation in Navigation

ONETRIAL® Efficiency

ONETRIAL® efficiencies combine data with a visual overlay to provide actionable data and the potential to reduce OR time and fluoroscopy usage.

Next Generation Navigation

Non-invasive navigation with the potential to improve outcomes and reduce surgical outliers.

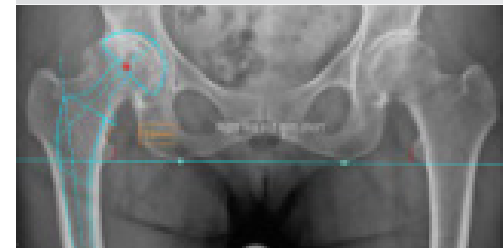
Surgical Flexibility

Fits seamlessly into existing ANTERIOR ADVANTAGE™ Hip Replacement workflow.

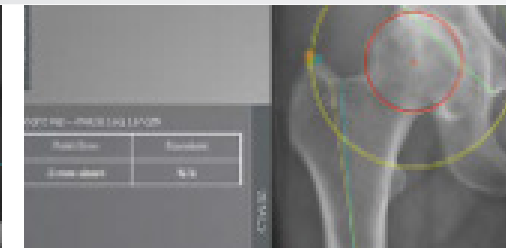
Pre-op Functionality

Pre-operative planning, analysis, and templating for hips and knees

Hip Templating provides portability and rescaling technology, allows you to dynamically update or create templates in the OR.



Innovative Leg Length Analysis tool incorporates pelvic rotation and femoral positioning.



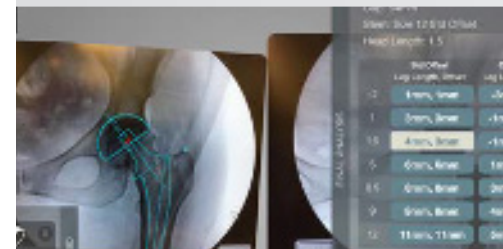
Knee Templating capabilities are also available as part of the technology.



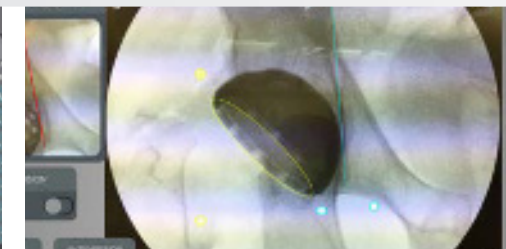
Intra-op Navigation

Software-enhanced intra-operative feedback and confirmatory implant positioning data prior to closure

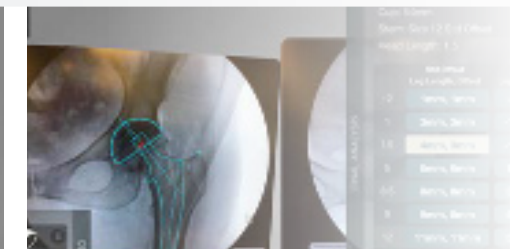
Analyze Cup Anteversion and Abduction Angle Intra-operatively to offset and leg length using intra-operative fluoroscopy.



Cup Position Analysis helps to analyze cup anteversion and abduction angle intra-operatively.



ONETRIAL® Analysis provides optimal implant combination and selection with just two images, potentially reducing retrialing and radiation exposure (reduced use of fluoroscopy) to the surgeon, OR staff, and patient.



Post-op Follow-up

AP pelvis X-ray confirms intra-operative data analysis

Fully Integrated Solutions

VELYS™ Hip Navigation is designed to work seamlessly with ANTERIOR ADVANTAGE™ Hip Replacement solutions including KINCISE™ Surgical Automated System and ACTIS® Total Hip System.

Real-Time Data. A Real Advance in Hip Navigation.

Intra-operative Analysis and Digital Templating

Pre-operative Features

- Digital Templating for Hips
- Digital Templating for Knees

Intra-operative Navigation

- Offset & Leg Length Analysis
- Acetabular Component Position Guidance
- ONETRIAL® Provides Optimal Implant Selection
- Template Rescaling

Communication Tools

- Seamless Collaboration Between Surgeon & Rep
- Streamline Case Planning Using the VELYS™ Hip Navigation Calendar

Technical Features

- Cloud-Based Case Management
- No Additional Hardware or Devices Required

Seamless Compatibility

- ANTERIOR ADVANTAGE™ Hip Replacement for the Anterior Approach



Contact your DePuy Synthes sales representative for more information on VELYS™ Hip Navigation System.