NAVISWISS

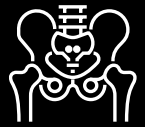
SMART ASSISTED SURGERY

Miniaturized Navigation

NAVISWISS SYSTEM

NAVISWISS SYSTEM
MULTIPLE SOLUTIONS
OPEN PLATFORM

Unlock the power of precision medicine:
Utilize a universal platform, for a range of arthroplasty applications.

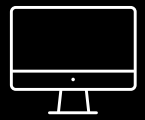


Naviswiss Hip

Gain simplicity and speed with imageless hip navigation for primary and revision indications.

Naviswiss Hip CT

Benefit from comprehensive information with image-based registration and delivery workflow options.



Naviplan

Drive efficiency with automated 3D functional planning.

Naviswiss Knee

Simplify and streamline primary knee arthroplasty with imageless knee navigation.

MINIATURIZED TECHNOLOGY
SWISS PRECISION
STREAMLINED WORKFLOW

Take full control: The handheld camera and NAVItag technology work in tandem to create unparalleled accuracy.

SMART
Simplify surgical navigation with intuitive design and patented technology.

SMALL
Reduce complexity and optimize efficiency by incorporating miniaturized navigation.

ACCURATE
Deliver accurate and reliable results when degrees and millimeters matter.

IMAGELESS NAVIGATION
NAVISWISS HIP
SIMPLICITY AND SPEED

Support all surgical approaches with accurate real-time navigation in primary and revision hip arthroplasty. Minimize fluoroscopy while maintaining efficiency and a short learning curve.[1]

01 CUP ORIENTATION

Reduce the risk of instability with accurate cup navigation. [2]

02 LEG LENGTH AND OFFSET

Achieve a reliable and documented outcome for your patient.

AUTOMATED 3D PLANNING
NAVISWISS HIP CT
STATE OF THE ART

Advance hip replacement with unmatched accuracy. Couple Naviplan's automated 3D planning software with the precision of the image based intra-operative workflow.

Load
Efficiency in 3D Planning: 30-minute automated planning functionality.

Plan
Comprehensive and personalized: Advanced features including spinopelvic analysis, bony and prosthetic impingement simulations.

Navigate
Seamless execution: Efficient intra-operative registration paired with unmatched delivery accuracy.[3]

FINGERTIP CONTROL
NAVISWISS KNEE
REAL TIME KINEMATICS

Understand patient-specific kinematics. Utilize imageless navigation, providing real time data to plan and execute any TKA philosophy.

Evaluate and Document
Assess pre- and post-operative range of motion to address each patient's soft-tissue kinematics.

Speed Up
Drive efficiency with a streamlined workflow and auto-capture function.

Optimize Results
Fine-tune the implant position with intuitive, adjustable instrumentation.

DESIGNED FOR EFFICIENCY
VALUE-DRIVEN
MINIMAL FOOTPRINT

The Naviswiss system is an economical, efficient & effective technology for total joint replacement tailored to the ambulatory surgery center setting.

QUALITY

"Naviswiss has been a game changer for me and my patients. The small footprint, efficient set up and small instrument set is amazing. The level of accuracy has allowed me to make this operation extremely predictable. "

Stefan Kreuzer, MD | INOV8 Surgical | Houston, TX

COST

"Naviswiss has allowed us to keep our cost reasonable with a technology that is useful for the entire group."

Michael Bradley, MD | Ortho Rhode Island | Warwick, RI

VALUE

"Naviswiss was a wise investment for our ASC, where multiple surgeons can use Naviswiss with their choice of implant."

Eric Slotkin, DO | Surgical Institute of Reading | Reading, PA

1 Ong et al, 2021. Use of a novel imageless navigation system reduced fuoroscopy exposure and improved acetabular positioning in anterior approach total hip arthroplasty: a case–control study. Archives of Orthopaedic and Trauma Surgery. Archives of Orthopaedic and Trauma Surgery. https://doi.org/10.1007/s00402-022-04520-3

2 Agarwal S, Eckhard L, Walter WL, Peng A, Hatton A, Donnelly B, de Steiger R. The Use of Computer Navigation in Total Hip Arthroplasty Is Associated with a Reduced Rate of Revision for Dislocation: A Study of 6,912 Navigated THA Procedures from the Australian Orthopaedic Association National Joint Replacement Registry. J Bone Joint Surg Am. 2021 Oct 20;103(20):1900-1905. doi: 10.2106/JBJS.20.00950. PMID: 34143758.

3 Slotkin et al, 2023. Accuracy of acetabular cup placement in DA THA: A handheld portable image-based navigation system may outperform a robotic platform. ISTA 2023 (New York, NY). Podium presentation.k

Made in Switzerland

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