Designed with Versatility in Mind

OrthoMap® Versatile Hip Navigation Software
OrthoMap Versatile Hip Navigation Software makes it easier than ever to incorporate navigation into total hip arthroplasty procedures regardless of surgical approach, implant use, or patient positioning. This user-friendly system enables surgeons to achieve consistent results in cup and stem positioning and leg length and femoral offset determinations, while offering real-time intraoperative assessments of stability and range of motion.

**Multiple Registration Options:** The user is able to decide which positioning technique and registration method is appropriate for their surgical approach. The system is designed to register patients in both the supine and lateral positions as well as utilize functional referencing, anatomical referencing, or both.

**Navigate Direct Anterior Approaches:** Features include customizable surgical workflows to accommodate individual surgeon preferences, multiple patient positions and various surgical approaches. The software allows for the placement of the pelvic tracker on the contra-lateral side. This supports the direct anterior approach because it places the tracker out of the surgical site, preventing potential collisions.

**Register Patients in the Lateral Position:** Stryker’s Hip Navigation platform is the first software designed to efficiently register patients in the lateral position through patient/OR table referencing. Integrating the longitudinal body axis compensates for a possible patient-specific pelvic tilt. This results in a cup functionally aligned with the true coronal plane of the patient in the standing position. Lateral patient table registration completely removes the need to digitize the downside ASIS, maintaining surgical sterility throughout the registration process.

**Pin-less Leg Length Determination:** The user is able to analyze pre-operative leg length in comparison with the leg length observed in the final reduction for both trial implants and final implants, without fixating a tracker on the femur.
Trusted Accuracy
Proven Results

Stryker — the market leader in orthopaedic navigation — is committed to delivering unparalleled accuracy and control. Stryker’s proprietary tracking technology has produced the most accurate optical navigation camera on the market. When such industry-leading accuracy is combined with Stryker Navigation’s smart instruments, the result is confidence in the OR, where the surgeon is able to completely control the software from the sterile field.

Acetabular component positioning is an extremely important determinant for successful total hip arthroplasty procedures. Navigation has proven to increase consistency and reproducibility in positioning the acetabular component for total hip arthroplasty procedures. This in turn has proven to reduce the potential for outliers in the inclination and anteversion planes.