

stryker

## OrthoMap

precision knee  
navigation software

Experience  
the **accuracy**



# Navigate with confidence

When you bring navigation technology into your OR, it's done to enhance the surgical experience and improve patient outcomes. Through interactive monitoring, our OrthoMap precision knee navigation software provides essential data that may help improve the performance and outcome of your total knee replacements. Operate confidently with the system that helps inform more accurate decisions when aligning and orientating instruments, trials and implants, and balancing soft tissue.

**Fit analysis** displays graphically and numerically, in real time, prior to resections

**Automatic implant sizing and positioning** for enhanced visualization based on each patient's unique anatomy



**Customizable workflow options** adapt to your specific operative technique

**Implant downsize options** facilitate virtually downsizing the calculated implant to the next smaller one if soft tissue constraints require

**Reactive workflow** maneuvers through kinematic and resection screens based on tracker positions, eliminating the need for user interaction

**Open platform software and cutting guides** allow for navigation of primary femoral and tibial resections as well as kinematic analysis for your preferred implant system

**Support for minimally invasive techniques** enables intramedullary rod elimination, which has been found to significantly decrease fat emboli.<sup>1</sup>



**Gap balancing and analysis** provides a preview of the flexion/extension gaps for all implant systems



**Pre- and post-operative comparisons** of maximum flexion/extension and varus/valgus values provide intra-operative range of motion analysis

## Your **total** knee solution

OrthoMap precision knee navigation software runs seamlessly on the **Stryker NAV3 platform**. With its sleek design and small footprint, this fully equipped mobile unit integrates seamlessly into the operating room and brings you the ultimate navigation experience. Our proprietary tracking technology has produced the most accurate optical navigation camera on the market.<sup>2</sup> Combine this industry-leading accuracy with our smart instruments, and the result is total software control within the sterile field for enhanced OR confidence in every procedure.



# Experience our commitment to you

As the market leader in orthopaedic navigation<sup>3</sup>, we're committed to bringing you unparalleled accuracy and control in total knee replacements. We focus on anticipating your needs with innovative products and services that exceed your needs and get your patients back to doing what they love.

Part number	Product description
<b>Software</b>	
6003-655-000	OrthoMap precision knee navigation 5.0 software
<b>Navigation system</b>	
7700-700-000	Stryker NAV3 platform

1. Kalairajah Y, Cossey AJ, Verrall GM, Ludbrook G, Spriggins AJ. Are systemic emboli reduced in computer-assisted knee surgery?: A prospective, randomized, clinical trial. *J Bone Joint Surg Br.* 2006 Feb; 88(2):198-202.
2. Elfring R, de la Fuente M, Radermacher K. Assessment of optical localizer accuracy for computer-aided surgery systems. *Comput Aided Surg.* 2010;15(1-3):1-12.
3. US Markets for Surgical Navigation Systems 2012, Millennium Research Group, May 2012.

## Orthopaedic Instruments – AGT

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