

Precision partial knee replacement through robotic assistance



The NAVIO Surgical System is a CT-free robotics-assisted platform that delivers accurate and precise results! Compared to total knee replacement, partial knee replacement has been shown to offer patients less pain; smaller incisions; quicker rehabilitation<sup>2</sup> and a more normal feeling knee?

Visit www.cmis-robotic-assisted.com to learn more.



### CENTER FOR MINIMALLY INVASIVE SURGERY

an affiliate of SCA

"Individual results may vary. The NAVIO system is not for everyone. Children, pregnant women, patients who have mental or neuromuscular disorders that do not allow control of the knee joint, and morbidly obese patients should not undergo a NAVIO procedure. Knee replacement surgery is intended to relieve knee pain and improve knee functions. However, implants may not produce the same feel or function as your original knee. There are potential risks with knee replacement surgery such as loosening, fracture, dislocation, wear and infection that may result in the need for additional surgery. Longevity of implants depends on many factors, such as types of activities and weight. This information is for educational purposes only and is not intended as medical advice. Consult your physician for details to determine if Navio robotics-assisted procedure is right for you.

The NAVIO system is intended to assist the surgeon in providing software-defined spatial boundaries for orientation and reference information to anatomical structures during orthopedic procedures.

The NAVIO system is indicated for use in surgical knee procedures, in which the use of stereotactic surgery may be appropriate, and where reference to rigid anatomical bony structures can be determined. These procedures include unicondylar knee replacement (UKR), patellofemoral arthroplasty (PFA), and total knee arthroplasty (TKA). The NAVIO system is indicated for use with cemented implants only.





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1 Lonner J., Smith J., et al., High Degree of Accuracy of a Novel Image-free Handheld Robot for Unicondylar Knee Arthroplasty in a Cadaveric Study. Clin Orthop Relat Res 2014 Jul 8. Epub 2014 Jul 8. 2 Hall et al., "Unicompartmental Knee Arthroplasty (Alias Uni-Knee): An Overview With Nursing Implications," Orthopaedic Nursing, 2004; 23(3): 163-171. 3 Repicci, JA, et al., "Minimally invasive surgical technique for unicondylar knee arthroplasty," J South Orthopedic Association, 1999 Spring; 8(1): 20-7.

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