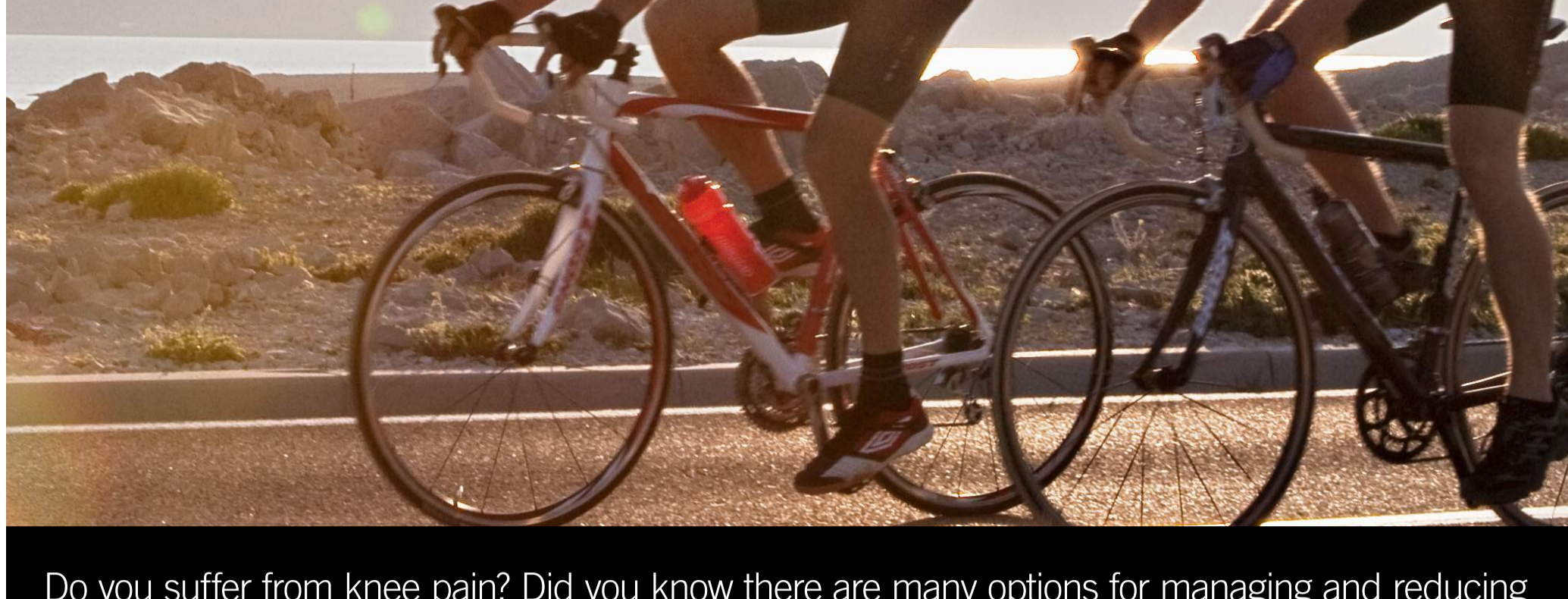


# KNEE PAIN? GET THE FACTS. GET RELIEF. GET BACK TO LIVING.



Do you suffer from knee pain? Did you know there are many options for managing and reducing your pain? Before you put up with discomfort and limited mobility any longer, take a moment to learn the facts about knee pain and what you can do about it.

A LEADING CAUSE OF CHRONIC KNEE PAIN:

## OSTEOARTHRITIS.

[os-tee-oh-ahr-thrah-y-tis] noun

A breakdown in the cartilage of joints. When this cushioning cartilage wears out, bones begin to rub, causing: pain, swelling, stiffness and damage.<sup>3</sup>

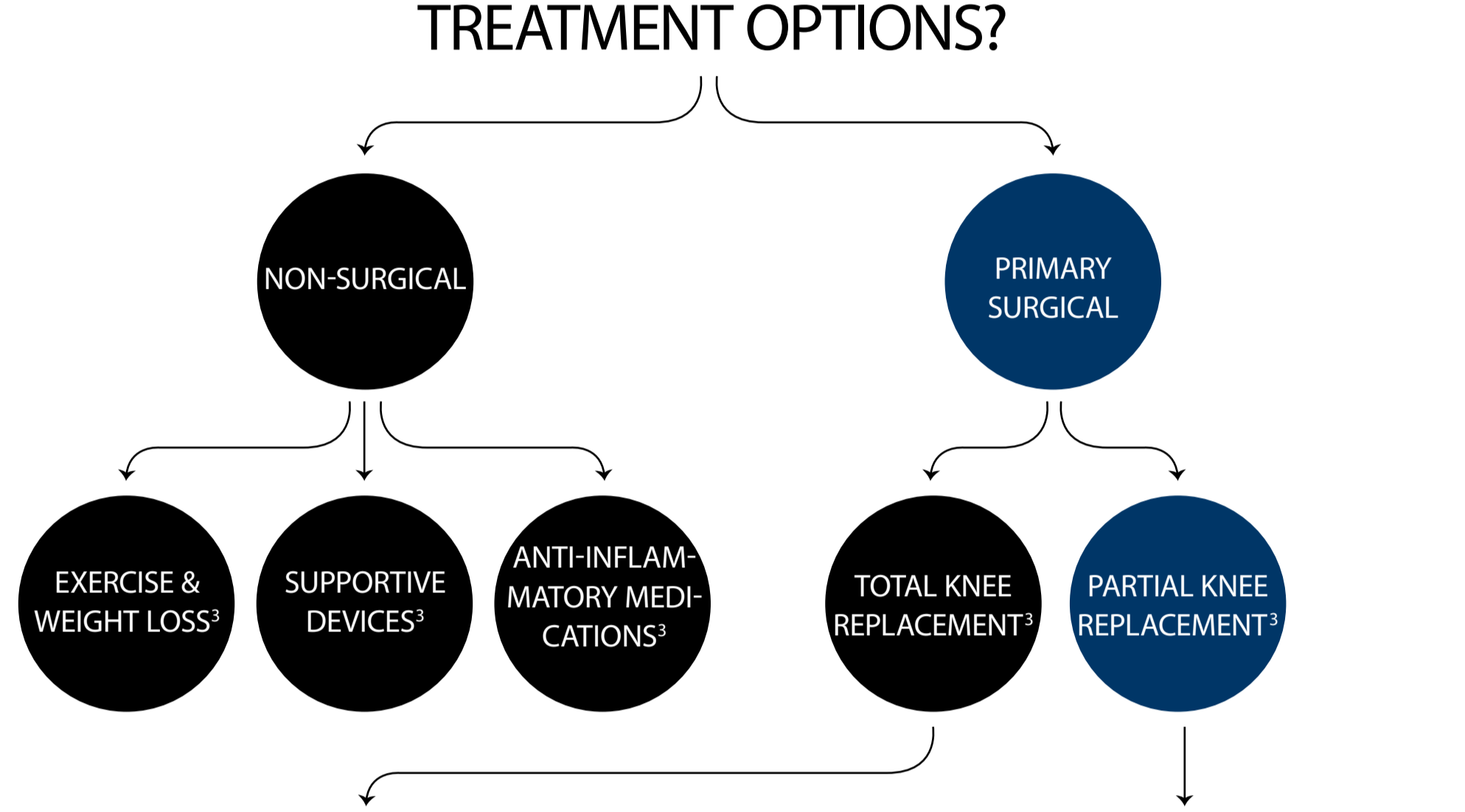
NUMBER OF AMERICANS WHO SUFFER FROM OSTEOARTHRITIS OF THE KNEE:

# 19 MILLION.

(THAT'S 1 OUT OF EVERY 16 AMERICANS.)



### TREATMENT OPTIONS?

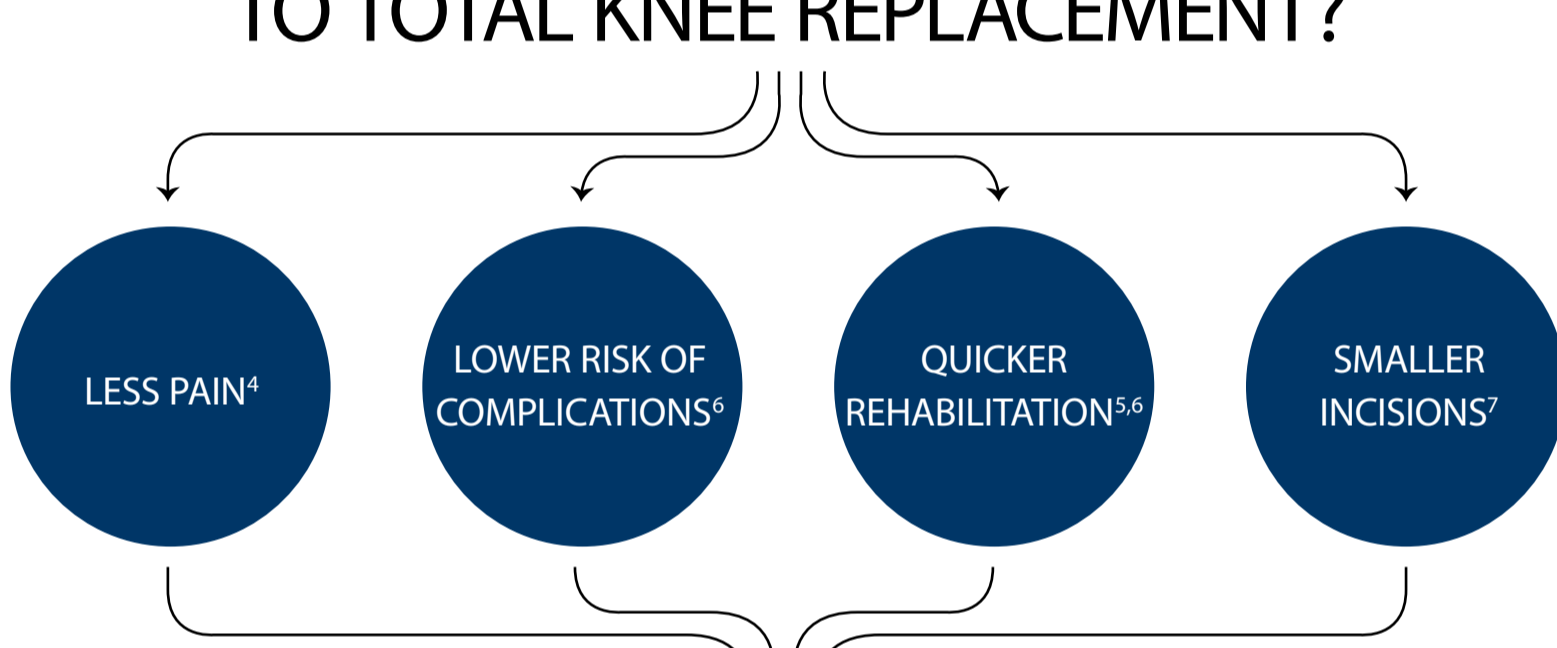


Total knee replacement is the MOST COMMON SURGICAL ANTHROPLASTY OPTION.

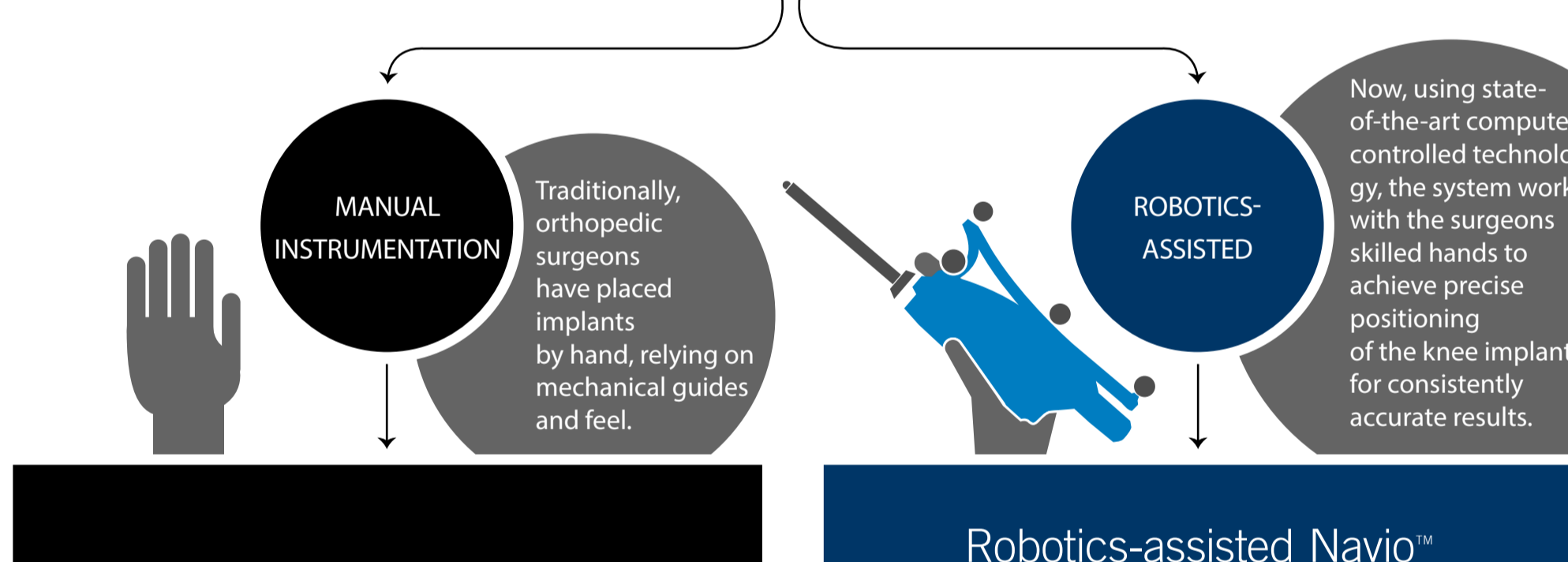
Not all patients require total knee replacement, and many could be helped by MINIMALLY INVASIVE PARTIAL KNEE REPLACEMENT.

BUT  
**90%**  
OF CANDIDATES  
AVOID IT.<sup>4</sup>

### HOW DOES PARTIAL KNEE REPLACEMENT COMPARE TO TOTAL KNEE REPLACEMENT?



### PARTIAL KNEE REPLACEMENT OPTIONS?

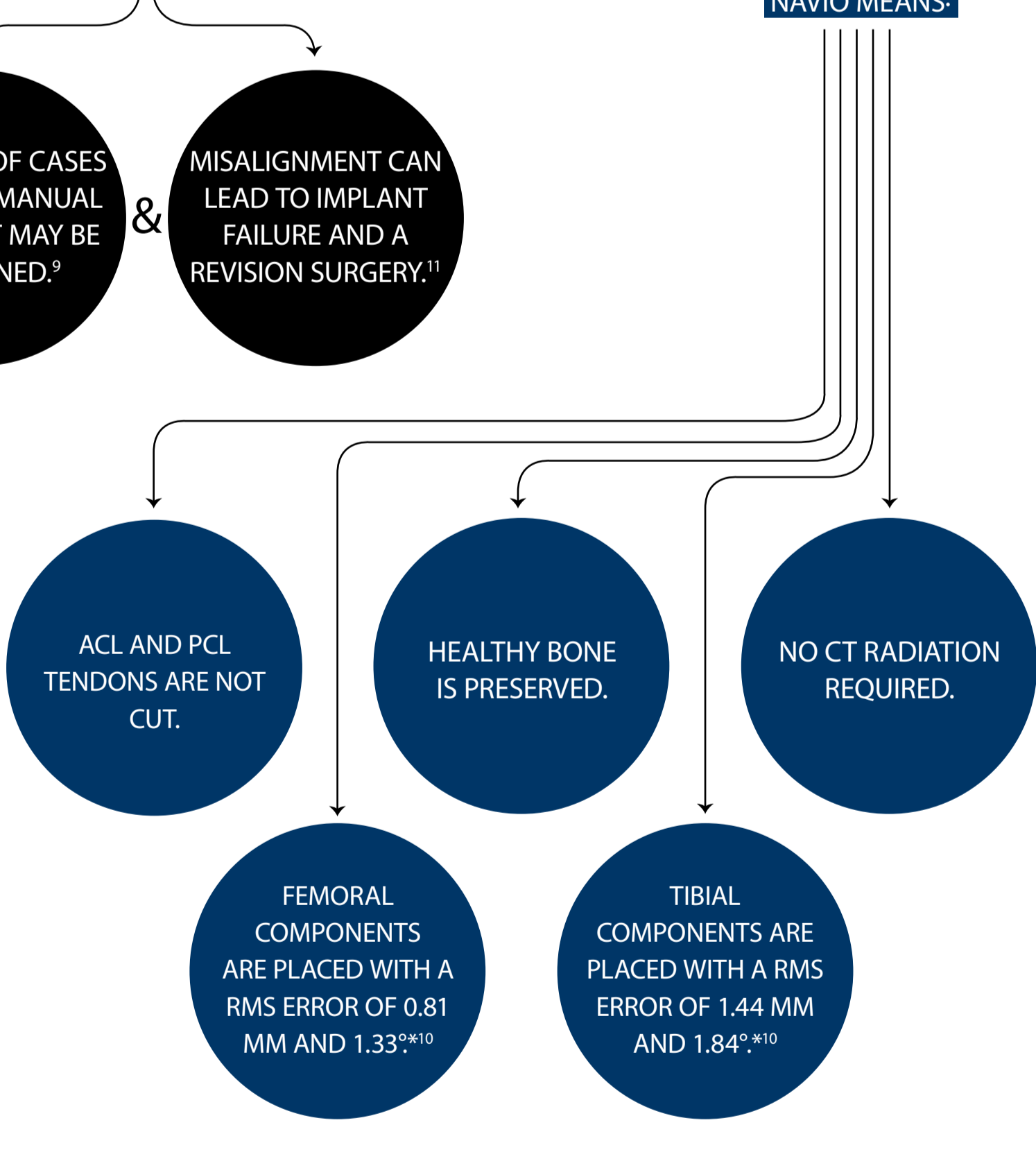


Unfortunately, conventional approaches can yield INCONSISTENT RESULTS.<sup>8</sup>

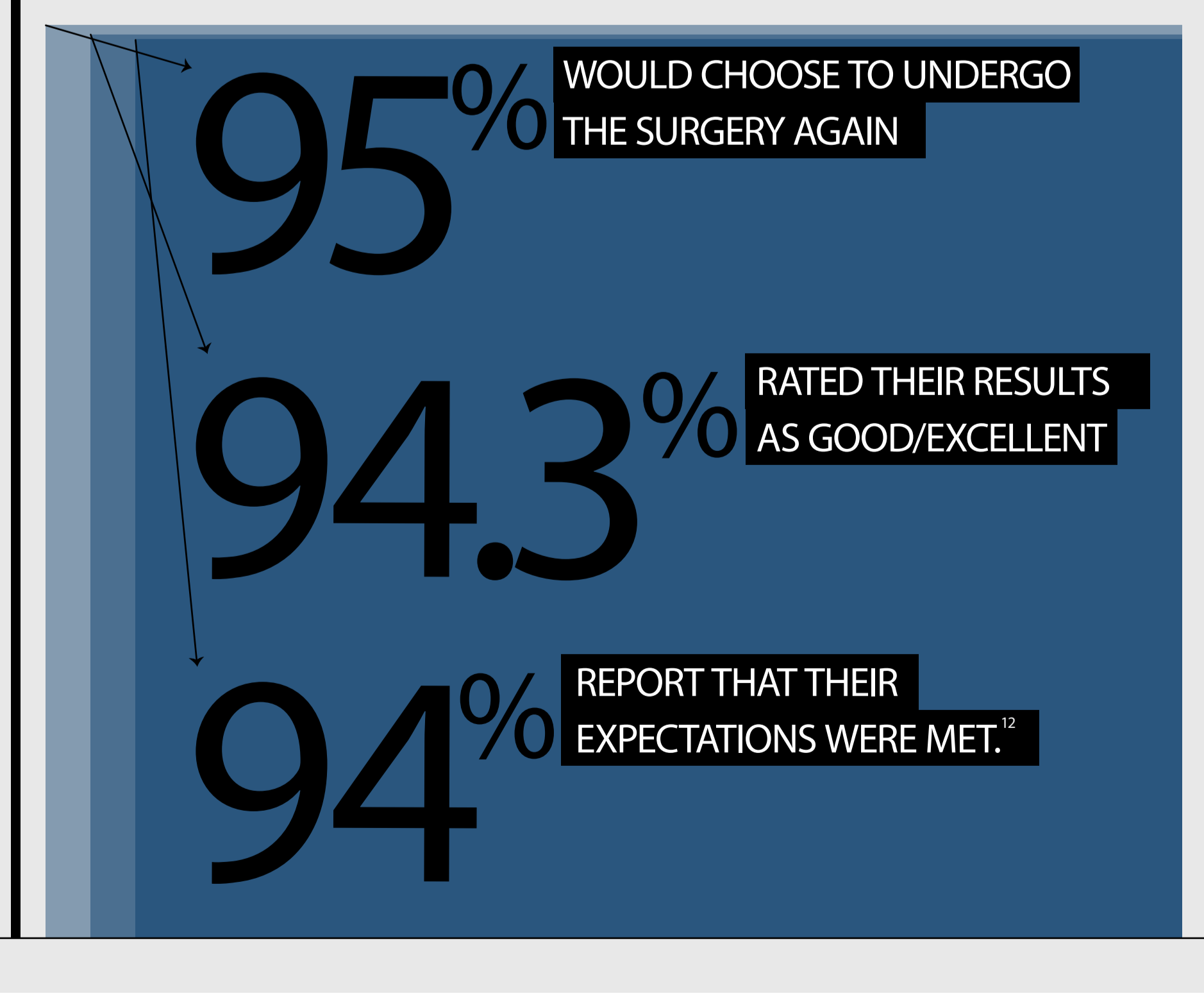
Robotics-assisted Navio™ partial knee replacement allows surgeons to CUSTOM PLAN FOR EACH PATIENT and CONSISTENTLY PLACE IMPLANTS ACCURATELY.

UP TO 60% OF CASES INVOLVING MANUAL PLACEMENT MAY BE MISALIGNED.<sup>9</sup> & MISALIGNMENT CAN LEAD TO IMPLANT FAILURE AND A REVISION SURGERY.<sup>11</sup>

#### NAVIO MEANS:



### FOR PATIENTS WHO ELECT TO HAVE PARTIAL KNEE REPLACEMENT:



If you suffer from knee pain, talk to your doctor. Partial knee replacement and the consistent accuracy of Navio could be the answer to getting back to an active life without pain.

REFERENCES  
<sup>1</sup>Center for Disease Control and Prevention. September 1, 2011. Accessed October 24, 2013. <http://www.cdc.gov/arthritis/basics/osteoarthritis.htm>  
<sup>2</sup>U.S. Census Bureau. Age and Sex Composition: 2010 Census Briefs. Issued May 2011. Accessed October 24, 2013. <http://www.census.gov/prod/cen2010/briefs/c2010br-03.pdf>  
<sup>3</sup>American Association of Orthopaedic Surgeons (2013). AAOS.org. "Phase I Final Report (Part C): Effects of Advanced Medical Technologies – Musculoskeletal Diseases. Medical Technology Assessment Working Group: Assessing the Impact of Medical Technology Innovations on Human Capital. Duke University Center for Demographic Studies, Prepared for the Institute for Medical Technology Innovation, January 31, 2006.  
<sup>4</sup>Hall et al., "Unicompartmental Knee Arthroplasty (Alias Uni-Knee): An Overview With Nursing Implications," Orthopaedic Nursing, 2004; 23(3): 163-171.  
<sup>5</sup>Brown, NM, et al., "Total Knee Arthroplasty Has Higher Postoperative Morbidity Than Unicompartmental Knee Arthroplasty: A Multicenter Analysis," The Journal of Arthroplasty, 2012.  
<sup>6</sup>Repicci, JA, et al., "Minimally invasive surgical technique for unicompartmental knee arthroplasty," J South Orthopaedic Association, 1999 Spring; 8(1): 20-7.  
<sup>7</sup>Lonner, J., "Indications for Unicompartmental Knee Arthroplasty and Rationale for Robotic Arm-Assisted Technology," Supplement to the American Journal of Orthopedics, February, 2009; 3-6.  
<sup>8</sup>Keene G, Simpson D, Kalairajah Y. Limb alignment in computer-assisted minimally-invasive unicompartmental knee replacement. J Bone Joint Surg Br. 2006;88(1):44-48.  
<sup>9</sup>Data on file.  
<sup>10</sup>National Joint Registry for England, Wales and Northern Ireland. 10th Annual Report. 2013. Table 3.22. 175.  
<sup>11</sup>Von Keudell A, et al, Patient satisfaction after primary total and unicompartmental knee arthroplasty: An age-dependent analysis, Knee (2013).  
<sup>12</sup>Individual errors are measured as a difference from intended placement along any single axis.  
 Carefully consider the risks and benefits of any surgical procedure. The Navio procedure is not intended for everyone. Children, pregnant women, patients who have mental or neuro-muscular disorders that do not allow control of the knee joint, and morbidly obese patients should not undergo a Navio procedure. Consult with your physician for more information and to determine if Navio surgery is right for you. Be sure to ask any questions that you have and that all of your questions are answered. Results of surgery can never be guaranteed, so it is important that you understand the risks as well as the benefits of the Navio procedure.