



SENSOR-ASSISTED TKA

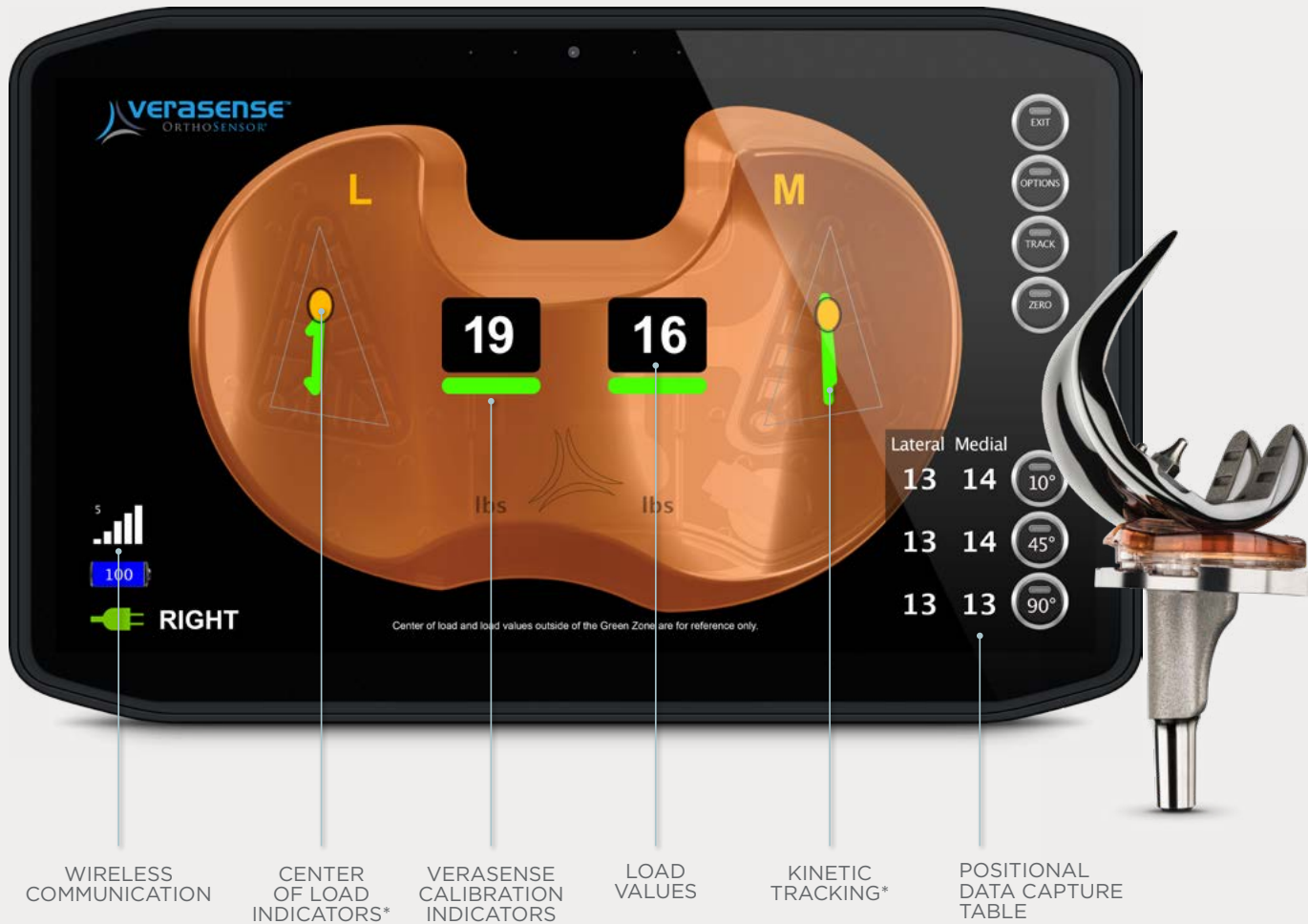


LEGION®  
JOURNEY® II

SIMPLIFYING SOFT TISSUE BALANCE

# VERASENSE SENSOR-ASSISTED TECHNOLOGY

VERASENSE™ Sensor-Assisted Total Knee Arthroplasty offers proven clinical and economic advantages for surgeons and hospitals.



WIRELESS COMMUNICATION

CENTER OF LOAD INDICATORS\*

VERASENSE CALIBRATION INDICATORS

LOAD VALUES

KINETIC TRACKING\*

POSITIONAL DATA CAPTURE TABLE



BALANCED



UNBALANCED



\*Center of load, kinetic tracking and load values outside of the Green Zone are for reference only.

OrthoSensor's VERASENSE™ sensor technology is a disposable instrument that delivers evidence-based data wirelessly to an intra-operative monitor, enabling surgeons to perform real-time, quantified soft tissue balancing and implant positioning during TKA. As a result, patients whose knees have been balanced through the use of VERASENSE show statistically significant improvements in joint function, pain, activity level and patient satisfaction.<sup>1,2</sup> VERASENSE is the next evolution in Total Knee Arthroplasty.

A MULTI-CENTER RANDOMIZED CONTROLLED TRIAL PROVED THAT - **WITHOUT VERASENSE** - TKAs ARE ONLY BALANCED APPROXIMATELY **50%** OF THE TIME<sup>3</sup>

## CLINICAL AND ECONOMIC ADVANTAGES

### PROVEN RESULTS:

**98%** OF BALANCED PATIENTS REPORT BEING SATISFIED TO VERY SATISFIED **3 YEARS POST-OP**<sup>4</sup> 

VERASENSE PATIENTS REQUIRE LESS PT AND **67%** FEWER MUAs POST-OP<sup>5-7</sup>

DECREASED THE NEED FOR **ALL-COMPONENT REVISION** BY **88%** FACILITATING IMPLANT COST MITIGATION<sup>8</sup>

ALMOST **75%** LOWER RATE OF SOFT TISSUE BALANCE-RELATED **EARLY REVISION TKA (<2 YEARS)** COMPARED TO NATIONAL AVERAGES<sup>4,9-13</sup>

**2.6%**  UNITED STATES AVERAGE **0.7%**  VERASENSE MULTICENTER STUDY

## VERASENSE SENSOR-ASSISTED TKA

REAL-TIME QUANTIFIED SOFT TISSUE BALANCING — CONSISTENT OUTCOMES<sup>14-15</sup>

Easy-to-adopt: minimal-to-no change to surgical technique or workflow

Cost-effective, sterile, one-time use disposable



## VERASENSE FOR SMITH & NEPHEW IS AVAILABLE FOR THESE KNEE SYSTEMS



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