SENSOR-ASSISTED TKA

SIMPLIFYING SOFT TISSUE BALANCE

ZIMMER BIOMET
VANGUARD®
NEXGEN®
AND INTRODUCING
PERSONA®
VERASENSE™ Sensor-Assisted Total Knee Arthroplasty offers proven clinical and economic advantages for surgeons and hospitals.

VERASENSE SENSOR-ASSISTED TECHNOLOGY

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.1-3 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**

**CLINICAL AND ECONOMIC ADVANTAGES**

**PROVEN RESULTS:**

- **98%** OF BALANCED PATIENTS REPORT BEING SATISFIED TO VERY SATISFIED 3 YEARS POST-OP

- SIGNIFICANTLY HIGHER FORGOTTEN JOINT SCORES COMPARED TO UNBALANCED PATIENTS

- DECREASED THE NEED FOR ALL-COMPONENT REVISION BY **88%** FACILITATING IMPLANT COST MITIGATION

- ALMOST **75%** LOWER RATE OF SOFT TISSUE BALANCE-RELATED EARLY REVISION TKA (<2 YEARS) COMPARED TO NATIONAL AVERAGES

- VERASENSE PATIENTS REQUIRE LESS PT AND **67%** FEWER MUAs POST-OP

**VERASENSE SENSOR-ASSISTED TKA**

REAL-TIME QUANTIFIED SOFT TISSUE BALANCING  —  CONSISTENT OUTCOMES

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

- Cost-effective, sterile, one-time use disposable
VERASENSE FOR ZIMMER BIOMET IS AVAILABLE FOR THESE KNEE SYSTEMS


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