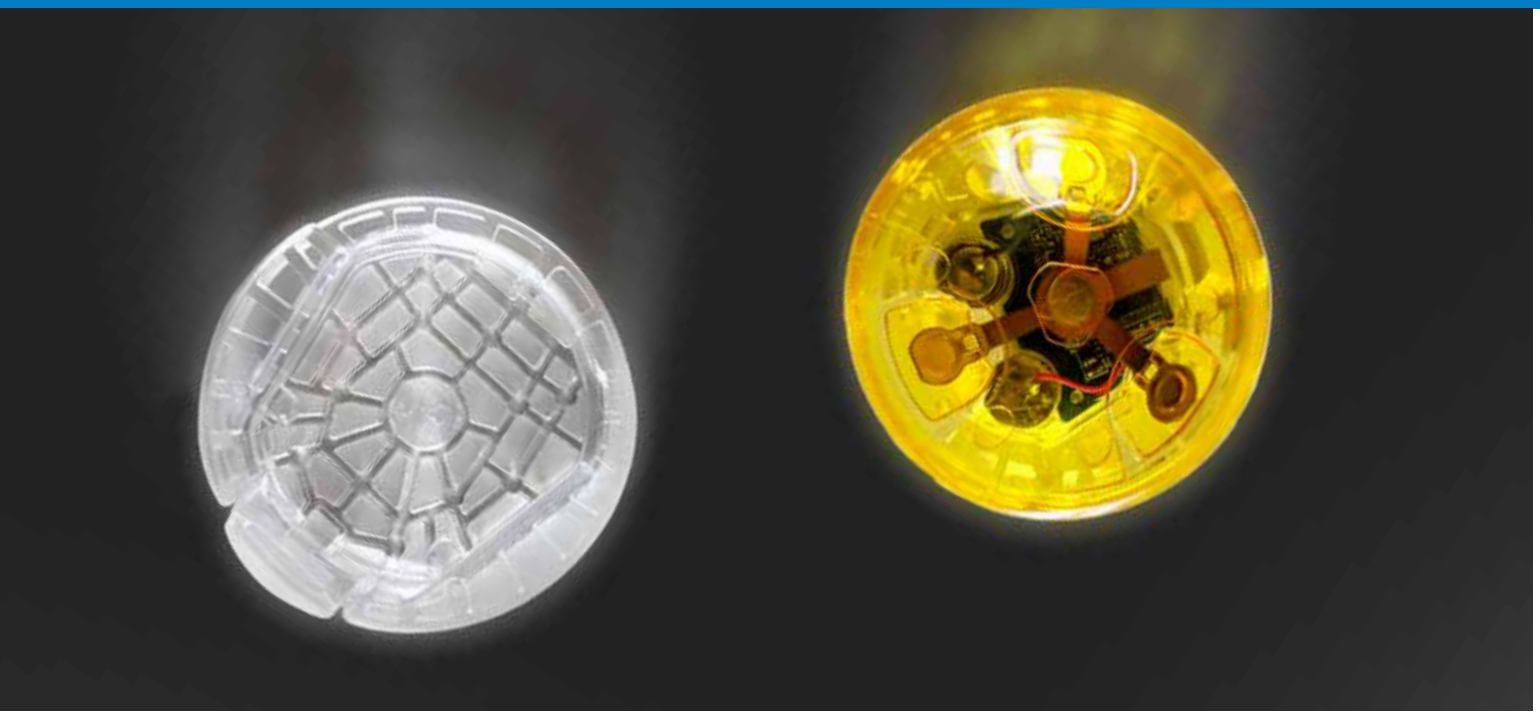
EXACTECH | **EXTREMITIES**

Operative Technique - United States



equinoxe®

Equinoxe® with VERASENSE™

Exactech®

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INTRODUCTION

Equinoxe® with VERASENSE® is the first and only technology that is a tool to quantify rTSA tension for each patient with no change to the surgical work flow. Based on clinical history of use in the knee, VERASENSE utilizes proprietary sensor technologies to transmit data wirelessly to an intraoperative monitor that enables surgeons to make informed decisions on joint tension and center of load location in real time. Additionally, it provides dynamic feedback on glenohumeral joint compressive load through the full ROM.

Figure 1
Sensor and Shim Components

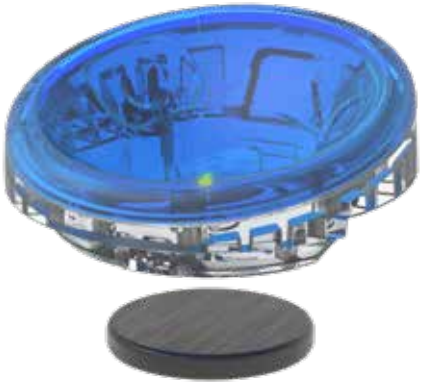

Figure 2
Magnetic Sensor Activation

Figure 3
Sensor and Shim Assembly

Figure 4
Sensor and Tray Trial Assembly

Open the box of the size of **Sensor** you wish to trial, leaving the sterile plastic packaging intact with the Sensor inside *(Figure 1)*.

Hold the **Magnet** up to the Sensor inside the plastic packaging until you see the red LED light inside the Sensor turn on and back off, and the prompt appears on the **LinkStation MINI Evaluation Kit** to connect the Sensor. Click "OK" on the LinkStation to pair the Sensor *(Figure 2)*.

Open the sterile packaging containing the Sensor and **Shims**. Snap the desired plastic Shim (+0mm and +2.5mm) for the liner trial that you wish to assess to the back of the Sensor *(Figure 3)*.

Snap the Sensor into the **Humeral Tray** trial *(Figure 4)*.

Note: *To optimize battery life, do not activate VERASENSE for Exactech Equinoxe until just before it is required in the surgical workflow. VERASENSE for Exactech Equinoxe has a 40-minute battery life.*

DETAILED OPERATIVE TECHNIQUE

SURGICAL APPROACH

Reduce the **Joint** and follow the on-screen instructions to collect load data via the LinkStation MINI Evaluation Kit *(Figure 5)*.

When manipulating the arm with the sensor, be sure to hold and support the forearm of the patient without providing additional force across the joint.

Under the "Motions" tab on the LinkStation MINI Evaluation Kit, collect and record all four dynamic ranges of motion and all three static load conditions.

Dynamic Range of Motion Assessments:

1) Maximum internal to external rotation at 0 degrees of adbuction

2) Maximum internal to external rotation at 45 degrees of adbuction

3) Maximum internal to external rotation at 90 degrees of adbuction

4) Maximum flexion and extension at 0 degrees of abduction

Static Load Conditions:

1) Arm overhead (OH)

2) Arm behind back (BB)

3) Arm cross body (CB)

Dislocate the joint and use the **Humeral Liner Removal Tool** to remove the Sensor from the Humeral Tray trial. Dispose of the Sensor in an appropriate fashion *(Figure 6)*.

Finish the procedure per **Equinoxe Platform Shoulder System Operative Technique** 718-01-30.

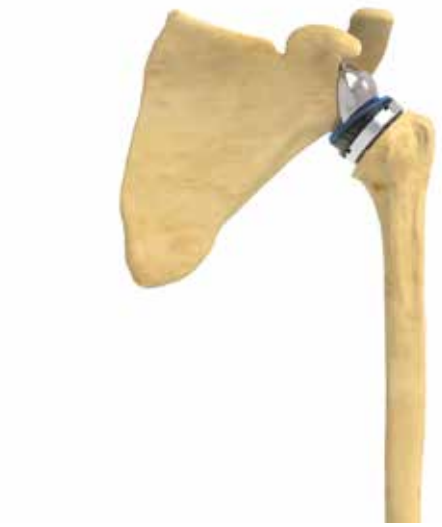

Figure 5
Joint Reduction

Figure 6
Sensor Removal

SENSORS

EXC-EQRV38-US	Equinoxe with VERASENSE Reverse, Size 38mm
EXC-EQRV42-US	Equinoxe with VERASENSE Reverse, Size 42mm

LINKSTATION MINI EVALUATION KIT

05000-500

SOFTWARE

05000-VRSES

INDICATIONS FOR USE

The VERASENSE for Exactech Equinoxe is for any medical condition in which reverse Total Shoulder Arthroplasty (rTSA) would be indicated.

For use as a tool for measuring load magnitude and displaying center of load location of the humeral component on the glenosphere component. The device does not make a diagnosis and is not intended to replace a surgeon's clinical judgement.

The VERASENSE for Exactech Equinoxe is sterile, for single patient use.

CONTRAINDICATIONS FOR USE

- Any active or suspected latent infection in or about the shoulder joint.
- Refer to Implant Shoulder System IFU for additional contraindications.

VERASENSE is manufactured by OrthoSensor, Inc. and distributed by Exactech, Inc.

Exactech, Inc. is proud to have offices and distributors around the globe. For more information about Exactech products available in your country, please visit www.exac.com

For additional device information, refer to the Equinoxe Shoulder System–Instructions for Use for a device description, indications, contraindications, precautions and warnings. For further product information, please contact Customer Service, Exactech,
2320 NW 66th Court, Gainesville, Florida 32653-1630, USA. (352) 377-1140, (800) 392-2832 or FAX (352) 378-2617.

Exactech, as the distributor of this device, does not practice medicine, and is not responsible for recommending the appropriate surgical technique for use on a particular patient. These guidelines are intended to be solely informational and each surgeon must evaluate the appropriateness of these guidelines based on his or her personal medical training and experience. Prior to use of this system, the surgeon should refer to the product package insert for comprehensive warnings, precautions, indications for use, contraindications and adverse effects.

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