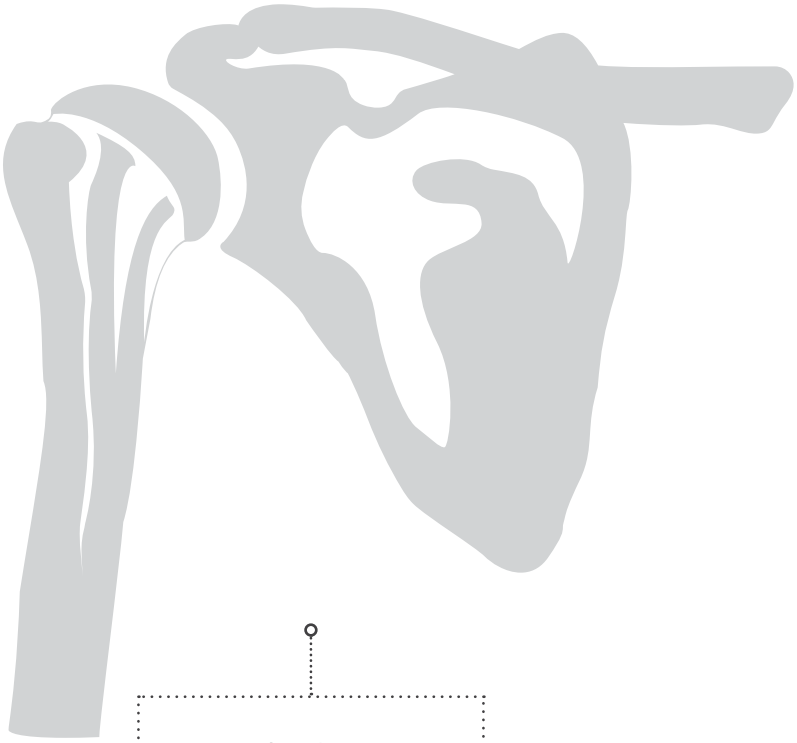
equinoxe®

STRENGTH

IN NUMBERS

Exactech®



In the beginning, there were **three** renowned surgeons.

A **handful** of employees.

And **one** pioneering idea.

Equinoxe® is a story of partnership by numbers, and **15+** years later, those same **three** surgeons are now **thousands** and our employees and products have increased **exponentially**. All of this has been accomplished in part through our culture of accessibility and listening to what surgeons have to say, and now we're investing even more in what we do best. We are always listening, always responding, always evolving to deliver the future faster.

We are **measurably** better together.

Equinoxe: Strength in Numbers.

FROM

[AND EVERYTHING

TO

IN BETWEEN]

From straightforward to challenging procedures and everything in between.

Our surgeon partners and engineers have together designed hundreds of clinical solutions that address the challenges you face as you help your patients return to what they love.

CAGE GLENOID

The cage glenoid is designed to improve fixation and reduce operating room time. It features a press-fit center bone cage and three cemented peripheral pegs. The center and peripheral pegs have internal threads designed for simplified removal, intended to preserve bone.

STEMLESS SHOULDER

A revision-friendly bone conserving prosthesis that provides intraoperative flexibility and a simplified technique in aTSA procedures.

RESURFACING HEAD

The resurfacing head provides modularity, anatomic sizing and low-profile instrumentation for both standard and rotator cuff sparing approaches.

REVERSE SYSTEM

The groundbreaking reverse system addresses a myriad of surgical challenges, such as glenoid fixation, scapular notching and instability.[1-3*]

PRIMARY SYSTEM

Our platform stem, patented replicator plate, anatomic humeral heads and various glenoid solutions replicate a patient's anatomy *in situ*.

Exactech is creating innovative tools and technologies that empower you to be your best, such as the first globally launched shoulder navigation and preoperative planning app, which can be used with the Equinoxe System.

GLENOID SOLUTIONS

First to offer a wide range of glenoid solutions designed for challenging bony defects.

Not all devices shown are available in every market.

HUMERAL RECONSTRUCTION PROSTHESIS

The first-to-market biomechanically designed humeral reconstruction system provides a unique and stable solution for complex and challenging cases with humeral bone loss.

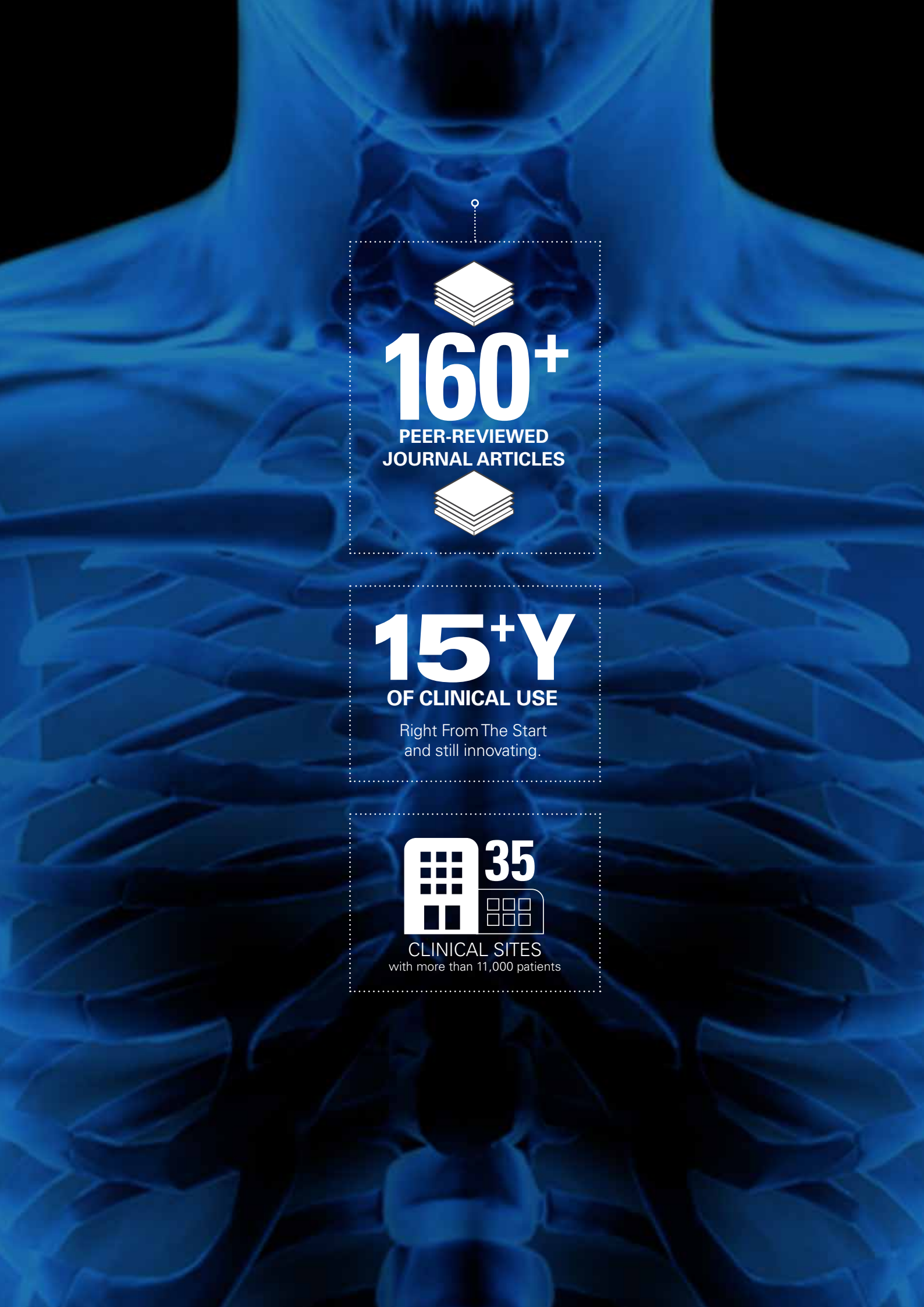
FRACTURE SYSTEM

The platform fracture stem features a patented anterior-lateral fin and asymmetric tuberosity beds for anatomic greater and lesser tuberosity reconstruction.

Right From The Start.

With hundreds of Equinoxe-related publications, the Equinoxe is the most studied and published system in the industry.

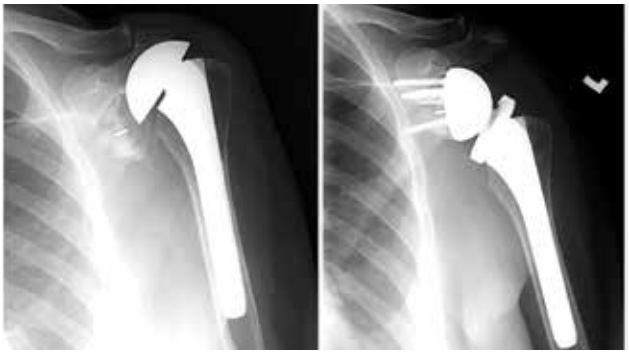
Unmatched. Unchallenged.


160+
PEER-REVIEWED
JOURNAL ARTICLES
15+Y
OF CLINICAL USE
Right From The Start
and still innovating.
35
CLINICAL SITES
with more than 11,000 patients

EQUINOXE BY THE NUMBERS.

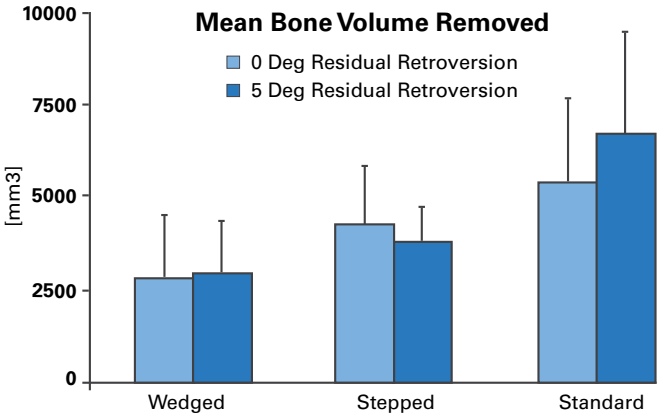
78% RETAINMENT + CONVERTIBILITY DURING REVISION CASES

Our convertible platform has 78% stem retainment. Stem retainment is associated with significantly reduced intraoperative blood loss, decreased operative time, and fewer intraoperative complications and reoperations.[4]



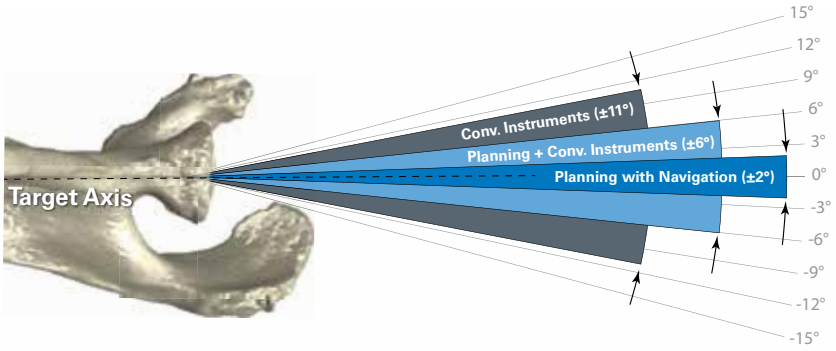
aTSA WEDGE AUGMENT PRESERVES 89% MORE BONE

Compared against competitive Walch B2 glenoids, our aTSA augmented wedge glenoid preserved 89% more bone than a standard glenoid and 51% more bone than a step design.[5]



GLENOID ACCURACY WITHIN 2° + 2MM

Surgeons using ExactechGPS® were guided within 2mm of implant placement and 2° of version/inclination compared to their plan.[6*]

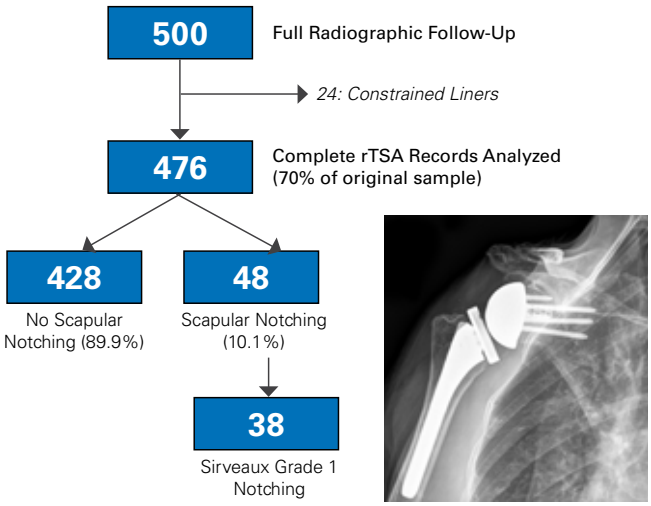


98% AND 85% IMPROVEMENT IN INITIAL FIXATION

The Equinoxe reverse shoulder system showed significant improvement in initial fixation compared to competitive systems in two separate studies.[2*,7]

10% SCAPULAR NOTCHING

In this study, the Equinoxe System demonstrates significantly lower scapular notching rates compared to similar competitive prostheses with 35 to 96% notching.[1]



TO BE SUCCESSFUL in orthopaedics, of course, we had to develop a superior and innovative product. But the single, most important factor driving our success with the Equinoxe Shoulder System is the relationships that developed from that first day till now.

—JOSEPH ZUCKERMAN, MD
NYU Langone Orthopaedic Hospital

It all started with the replicator plate and a quaint château in the south of France.

When Bill Petty, MD, and Gary Miller, PhD, started Exactech, they wanted to do things differently, and in 2002, they saw an opportunity to make Exactech's mark in the shoulder industry through a patented replicator plate.

That replicator plate spurred on the creation of our original design team, Pierre-Henri Flurin, MD, Thomas Wright, MD, and Joseph Zuckerman, MD, who along with our engineers, laid the foundation of the Equinoxe System at a second design team meeting in Bordeaux, France.

Since then our product portfolio has grown exponentially and provides a full continuum of care, made possible through our close relationships with our surgeons.

Surgeons say there's something different about us-- that we really listen. We are always listening, always responding and always evolving.

"Innovation Distinguishes Between a Leader and a Follower."

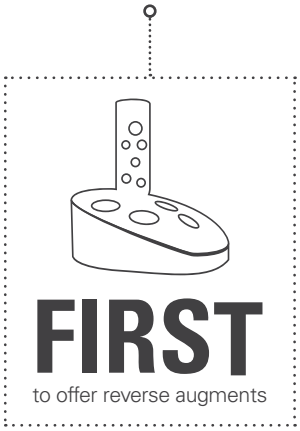
—STEVE JOBS

FIRST AND ONLY

orthopaedic company to globally launch navigation for shoulder

The Equinoxe Planning App software immediately reconstructs the scapula in 3D, enabling implant selection and placement prior to surgery. The ExactechGPS® Shoulder Application is designed to reproduce the preoperative plan with precise execution intraoperatively.

We take a lot of pride in looking at clinical issues through the eyes of surgeons. Their unique perspective, coupled by Exactech's talented group of engineers and visionaries, allow us to continuously innovate and provide relevant and differentiated solutions needed in shoulder replacement. One example is the cage design, which is now a flagship feature throughout the Equinoxe System.



FIRST

to offer reverse augments

ExactechGPS
accuracy
surgeons guided within 2mm of implant placement and 2° of version/inclination compared to their plan[1]
Fracture Stem
83%
healing rate of the greater tuberosity[2]
160+
PEER-REVIEWED JOURNAL ARTICLES
11,000 PATIENTS
35
CLINICAL SITES
1.5%
combined scapular and acromial fractures[4]
10%
notching[3]
Reverse
0.5%
instability[5]
78%
convertibility
Platform Stem[6]
3X
IMPROVEMENT
in external rotation post-op[7]
aTSA wedge
augment preserves[8]
89%
more bone than a standard glenoid
51%
more bone than a step design
98% & 85%
improvement in initial fixation[10]
@4Y
4X
reduction in aTSA glenoid radiolucent lines (cage vs all-poly)[9]

References.

1. **Mollon B., et al.** Impact of scapular notching on clinical outcomes after reverse total shoulder arthroplasty: an analysis of 476 shoulders. *Journal of Shoulder Elbow.* 2017. 26:1253-1261.

2. **Stroud N., et al.** Reverse shoulder glenoid loosening: an evaluation of the initial fixation associated with six different reverse shoulder designs. *Bulletin of the Hospital for Joint Diseases*. 2013. 71 (Suppl 2): S12-7.*

3. **Roche, C. et al.** Biomechanical analysis of 3 commercially available reverse shoulder designs in a normal and medially eroded scapula.Trans. of the 59th Annual ORS Meeting. 2013.*

4. **Crosby L., et al.** Conversion to reverse total shoulder arthroplasty with and without humeral stem retention: the role of a convertible-platform stem. *Journal of Bone and Joint*. 2017. 99 (9):736-742.

5. **Kersten A., Flores-Hernandez C., Hoenecke H., D'Lima D.** Posterior augmented glenoid designs preserve more bone in biconcave glenoids. *Journal of Shoulder and Elbow Surgery*. 2015. 24: 1135-1141.

6. **Jones R., et al.** Accuracy of rTSA baseplate implantation using a computer assisted surgery navigation system versus a non-navigated technique in cadaveric shoulders. Presented at ISTA 2018.*

7. **Stroud N., et al.** Initial glenoid fixation using two different reverse shoulder designs with an equivalent center of rotation in a low-density and high-density bone substitute. *Journal of Shoulder and Elbow Surgery.* 2013. 22:1753-1579.*

* *In Vitro* (bench) test results may not neccessarily be indicative of clinical performance.

GLOBAL HEADQUARTERS
2320 NW 66TH COURT
GAINESVILLE, FL 32653 USA

+1 352.377.1140
+1 800.EXACTECH
+1 352.378.2617
EquinoxeNumbers.com

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