

Exactech Announces First Surgeries with the World's First Surgical Navigation for Total Ankle Replacement

GAINESVILLE, FL (Nov. 25, 2024) -- Exactech, a developer and producer of innovative implants, instrumentation and smart technologies for joint replacement surgery, announced first surgeries with its groundbreaking ExactechGPS® Ankle technology.

The first surgery was performed by one of GPS Ankle's design team surgeons Edward Haupt, MD, of Mayo Florida, in late November in Jacksonville, Fla.

"I am proud to be the first in the world to use GPS Ankle. This important new product is a tremendous accomplishment for our surgeon design team, Exactech and BlueOrtho," said Haupt. "It improves the accuracy to execute on a surgical plan¹⁻³ and it's exciting that it's now available for ankle replacement surgery because navigation allows a surgery that is already technically challenging to be more reproducible, helping both surgeons and patients."

"The launch of GPS Ankle highlights our ongoing commitment to providing innovative, industry-leading implants for surgeons and their patients," said Exactech President and CEO Darin Johnson. "GPS Ankle and our full suite of Active Intelligence® technologies reinforce our drive to provide transformative smart solutions to help surgeons perform complex procedures."

GPS Ankle connects the preoperative plan with real-time intraoperative instrument guidance and confirms that resections meet the surgical plan. Based on pre-clinical bench testing and sawbones studies, it reports an accuracy of 2mm and 2 degrees relative to the CT-surgical plan¹⁻³. Its integrated CT visibility may also reduce potential fluoroscopy time.

The system, developed by Exactech subsidiary BlueOrtho, uses proprietary active tracker technology and a compact touchscreen tablet in the sterile field to provide surgeons with dynamic intraoperative feedback throughout their cases.

GPS Ankle is compatible with Exactech's flagship [Vantage® Total Ankle System](#) and part of the company's Active Intelligence dynamic ecosystem of enabling technologies and smart solutions that empowers surgeons with data-rich, comparatively low-cost solutions to help improve patient outcomes.

"As one of GPS Ankle's design team surgeons and researchers, it's fulfilling to have confirmation that the product we're working on can make a surgical difference. The intraoperative flexibility to confirm resections, and alter implant size and degrees of varus, valgus, rotation, slope and medial/lateral makes this a gamechanger for me and my patients," said James Nunley, MD, of Duke Health.

"A product like this helps continue to move ankle surgery even further and allows us to envision a future where technology and surgeon expertise can hopefully yield even greater outcomes for patients."



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GPS Ankle will be available more extensively to hospitals and ASC centers without capital cost starting early next year. Learn more about GPS Ankle, contact your local Exactech rep or visit www.exac.com/gpsankle.

References:

1. Data on file.
2. Rueff M. et al. Accuracy and Precision Evaluation of Image-based Computer Assisted Surgical System for Total Ankle Arthroplasty. 2023. Accepted to ORS.
3. Rueff M. et al. Evaluation of error sources for an Image-based Computer Assisted Surgical System for Total Ankle Arthroplasty. 2023. Accepted to ORS.

About Exactech, Inc.

Exactech is a global medical device company that develops and markets orthopaedic implant devices, related surgical instruments and the Active Intelligence® platform of smart technologies to hospitals and physicians. Headquartered in Gainesville, Fla., Exactech markets its products in the United States, in addition to more than 30 markets in Europe, Latin America, Asia and the Pacific. Visit www.exac.com for more information and connect with us on [LinkedIn](#), [VuMedi](#), [YouTube](#), [Twitter](#) and [Instagram](#). *With Exactech by your side, you've got EXACTLY what you need.*

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