

HonorHealth Thompson Peak Medical Center Implements CT-free Robotic Orthopedic Surgery

Less pain and swelling post-operatively than traditional total joint replacement methods

SCOTTSDALE, Ariz. (January 22, 2016) – HonorHealth Scottsdale Thompson Peak Medical Center announced today the addition of a Navio orthopedic surgical system to help surgeons perform precise and accurate partial knee replacement surgeries. This technology for partial knee replacements uses a CT-free intra-operative registration, planning and navigation platform to assist the surgeon in building patient-specific surgical plans. The Navio robotic-controlled hand piece assists the surgeon in preparing the bone with the precision of robotics in a hand-held, freehand sculpting technique.

“Robotic-controlled smart instrumentation allows us to very precisely place an implant that has been selected for the patient's knee,” said orthopedic surgeon Bertrand Kaper, MD. “The benefits to the patient is a much faster rehabilitation including shorter hospitalization, quicker recovery time than a total knee replacement and a more natural feeling knee since less bone is removed and there is less trauma to soft tissue.”

With no pre-operative CT-scan required, Navio patients receive the benefits of robotic assistance without additional time spent for pre-operative procedures. Instead, the surgeon collects anatomical data during the procedure to build a 3D model of the patient's knee. This information helps the surgeon place the implant and balance the knee's ligaments for optimal alignment and a well-balanced knee.

“Partial knee replacements are a minimally invasive surgery that allows patients to have less pain and swelling post-operatively than traditional total joint replacement methods,” said Dr. Bertrand.

To learn more about who may benefit from a Navio knee surgical procedure, call 480-324-7541.

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About HonorHealth:

HonorHealth is a non-profit health system serving an area of 1.6 million people in the greater Phoenix area. The network encompasses five acute-care hospitals, an extensive medical group, outpatient surgery centers, a cancer center, clinical research, medical education, a foundation and community services with approximately 10,500 employees, 3,700 affiliated physicians and 3,100 volunteers. HonorHealth was formed by a merger between Scottsdale Healthcare and John C. Lincoln Health Network. HonorHealth's mission is to improve the health and well-being of those we serve. Learn more at HonorHealth.com.

About Blue Belt Technologies, Inc.

Blue Belt Technologies, Inc. develops next generation, smart surgical instruments for use in orthopedic procedures. We develop advanced technologies that address the needs of surgeons, hospitals and surgery centers. Our solutions are small, smart and simple. And they deliver consistently precise results. We are passionate about creating technologies that enhance a surgeon's skills and elevate the field of orthopedics. The solutions we deliver empower surgeons to perform precise procedures tailored to each patient for consistently positive outcomes.

Corporate Office

8125 N. Hayden Road ■ Scottsdale, AZ 85258 ■ 480-882-4000



HonorHealth.com

Media Contact:

Alice Giedraitis

Media Relations Manager

480-323-1950

alice.giedraitis@honorhealth.com

Corporate Office

8125 N. Hayden Road ■ Scottsdale, AZ 85258 ■ 480-882-4000