

Press Release

FOR IMMEDIATE RELEASE:

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Steindler Orthopedic Clinic Announces Robotic-Assisted Knee Surgery

Iowa City, Iowa (August 2, 2021) — Steindler Orthopedic Clinic is excited to announce the latest advancement in joint replacement surgery – robotic-assisted partial and total knee replacement procedures – is coming to Southeast Iowa, beginning with Mercy Iowa City in September. Robotic-assisted surgery is an advanced approach to joint replacement that offers the potential for a higher level of patient-specific implant alignment and positioning and a lower risk for complications.

A primary benefit is precision. A plan is customized for each patient’s anatomy through the combination of dynamic imaging and modeling of the knee and the surgeon’s physical assessment of its range of motion. The technology allows Steindler’s orthopedic surgeons to use a surgeon-controlled robotic-assist platform to execute the procedure while making detailed adjustments during a procedure. The accuracy aids recovery and pain reduction, advancing patient care.

“We are thrilled to introduce this state-of-the-art robotic technology available where we perform orthopedic procedures,” says Dr. Taylor Dennison. “Through the use of live imaging, the robotic-assisted system allows me to personalize each patient’s surgical plan pre-operatively, so there is a clear plan for how we will position the implant before entering the operating room. Then, during surgery, I can validate that plan and make any necessary adjustments.”

The robotic assist allows me to execute a case with a greater level of accuracy and predictability,” added Dr. Brent Whited, Steindler Board Chair. “There is a clear need for advances in this area as total knee replacements in the United States are estimated to increase by 673% by 2030, while primary total hip replacements are estimated to increase by 174% over the same period. As a result, we believe robotic-assisted joint surgery is the standard of care in the future, and we plan to make it available wherever we perform surgical cases,” Whited continued.

“Steindler is proud to bring this innovative technology to Southeast Iowa and reflects Steindler’s ongoing commitment to providing innovative technologies that build on Steindler’s reputation of exceptional patient outcomes and patient satisfaction,” said Steindler, President and Chief Executive Officer Patrick Magallanes.

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Steindler Orthopedic Clinic is one of the largest independent orthopedic practices in Iowa. It has provided exceptional patient care and outcomes to patients suffering from bone, joint, and muscle injuries and conditions since 1950. Our physicians are board-certified or board-eligible and fellowship-trained in many subspecialties, including not only the accuracy of robot-assisted surgery, but also specialized care for injuries and conditions of the ankle, back, elbow, foot, hand, hip, knee, neck, shoulder, spine, and wrist as well as fracture care, joint replacement and revision, pain management, and physical medicine and rehabilitation. With this breadth of knowledge and expertise, we have you covered from head to toe. We provide orthopedic surgical and medical services when and where you need us through our primary location in Iowa City and six outreach clinics in Burlington, Fairfield, Keosauqua, Muscatine, Washington, and Williamsburg. In addition, our onsite capabilities include digital X-rays and MRIs, SteindlerStat walk-in clinic, physical and occupational therapy, and pain management. For more information, please visit steindler.com