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Orthollinois' Dr. John Daniels Now Offering Robot-Assisted Joint Replacement Surgery

ALGONQUIN, Ill. (Feb. 19, 2020) – [Dr. John Daniels](#), a board-certified joint replacement surgeon at Orthollinois, a leading bone and joint health care provider in northern Illinois, has incorporated robotic arm-assisted total knee, partial knee and total hip replacements into his practice.

The Stryker Mako System that Dr. Daniels uses at Northwestern Medicine Huntley Hospital is a highly advanced tool for surgeons that improves surgical precision and accuracy and the overall patient experience.

“What the robot does is make sure patients have a custom fit every time,” said Dr. Daniels, who is also director of Northwestern Huntley’s total joint program. “It makes us even more precise for pre-surgical and intraoperative planning and treatment. The technology provides real-time feedback during surgery using a 3D scan of the entire leg, allowing us to more easily modify the surgical plan if needed. There are processes that protect the soft tissue (ligaments and tendons) balance, and the robot has safety measures in place that protect the body’s vital structures during surgery.”

The Mako system has three applications for individuals needing total knee, partial knee and total hip replacements. The technology ultimately benefits patients through better-fitting implants, smaller incisions and faster recovery times.

Patients in good overall health are the best candidates for robotic arm-assisted joint replacement procedures. Individuals with severe joint deformities and bone conditions may be better suited for more traditional joint replacement methods.

“Many patients embrace technology in their everyday lives and have come to expect the same of medicine,” Dr. Daniels said. “We are proud to further advance subspecialized orthopedic care for this community.”

Dr. Daniels specializes in hip and knee replacements and sees patients at the Orthollinois Algonquin Clinic, Northwestern Medicine hospitals in Huntley and McHenry, and AMITA Health St. Alexius Medical Center. He has completed advanced training to stay current with new, minimally invasive procedures and the most advanced technology. Dr. Daniels is an area leader in the advanced direct anterior approach hip procedure. With more than 20 years of experience, he has performed nearly 4,000 total joint procedures for area residents.

About OrthoIllinois

Established in 1967, OrthoIllinois serves the northern Illinois region in multi-specialty orthopedics from offices in Rockford, Elgin and Algonquin, and offers a full range of bone and joint care, including the specialties of neurosurgery, podiatry, physical medicine and rehabilitation, occupational health, and rheumatology. OrthoIllinois offers the ancillary services of physical therapy, MRI and custom orthotics, and an outpatient surgery center. Visits are available with no appointments at the two Injury Express urgent care locations in Rockford and Algonquin. Visit www.orthoillinois.com for more information.

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