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Scott Trenhaile, MD Coauthors Article on Use of Predictive Modeling as Clinical Support Tool

ROCKFORD, IL December 20, 2023 ... Surgeon **Scott Trenhaile, MD** has co-authored an article published in the December edition of the *European Journal of Orthopaedic Surgery & Traumatology*. The paper is titled “Initial clinical experience with a predictive clinical decision support tool for anatomic and reverse total shoulder arthroplasty.” The article explores the use of AI and data-driven machine learning to predict how patients will do after shoulder arthroscopy. The predictive modeling is utilized with the patient prior to treatment and utilizes a database of past patient data and outcomes.

Dr. Trenhaile’s practice at OrthoIllinois focuses on arthroscopic surgery of the shoulder, elbow, and knee, and treatment of sports- or activity-related injuries. He serves as team physician to many local sports teams at the high school, college and professional levels and as Clinical Assistant Professor at the University of Illinois College of Medicine and Assistant Professor, Rush Medical College, Rush University in Chicago, Illinois. Dr. Trenhaile is a frequent speaker and instructor at orthopedic conferences throughout the world and has hosted dozens of international surgeons in Rockford seeking instruction on his advanced arthroscopic surgical techniques. Dr. Trenhaile has been honored with the prestigious peer designation “Best Doctors” over multiple years.

OrthoIllinois, a division of OrthoMidwest, serves the Northern Illinois region in multi-specialty orthopedics from offices in Rockford, Elgin, McHenry, and Algonquin, Illinois and offers a full range of bone and joint care including the additional specialties of podiatry, physical medicine and rehabilitation, occupational health, rheumatology, and chiropractic. OrthoIllinois offers the ancillary services of physical therapy, MRI, and three out-patient surgery centers. #

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