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Surgeon Awarded Patent for Co-Invention of New Surgical Suture Anchor

ROCKFORD, IL August 21, 2020 ... Surgeon **Scott Trenhaile, MD** was one of four co-inventors recently awarded a United States Patent for an new surgical suture anchor to be produced and distributed by Smith & Nephew, Inc.

This all knotless anchor provides the advance technology of internal locking of the sutures for better fixation and less suture slippage. It works in conjunction with a biologically advanced material called REGENESORB. This combination of knotless suture technology and bioabsorbable material leads to bone growth that replaces the absorbable anchor. Older anchor designs utilize knot tying, which could allow for loose fixation and frequently are made of metal or plastic, which are left in place in the body, rendering that area unusable in the repair anchoring of any new tissue tear injuries. The new patented system eliminates these potentials limitations of other systems.

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 and has been the innovator of multiple surgical techniques and materials.

OrthoIllinois 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 and rheumatology. OrthoIllinois offers the ancillary services of physical therapy, MRI, and an out-patient surgery center. #

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