

Shoulder surgery pioneer, Dr. Steven Chudik, awarded seventh patent

Westmont, Illinois—October 4, 2022 — The United States Patent and Trademark Office granted Dr. Steven Chudik, partner at Hinsdale Orthopaedics, a Division of Illinois Bone and Joint Institute, and orthopaedic surgeon specializing in shoulder, knee and sports medicine, a seventh patent; US 11,406,505 B2, for a Glenoid Implant with Replaceable Articulating Portion.

Dr. Chudik's implant design addresses three of the biggest limitations with shoulder arthroplasty (shoulder replacement)—wear, loosening of the glenoid (shoulder socket) implant, and rotator cuff failure. Dr. Chudik's glenoid implant design allows for a long lasting implant fixation to the glenoid bone. It also has exchangeable parts to address glenoid wear and permit conversion to a reverse shoulder replacement if the rotator cuff wears out.

"This patent represents an exciting innovation that has the potential to dramatically improve the limitations of current shoulder replacement implants," Dr. Chudik explained.

In practice since 2002, Dr. Chudik earned his medical degree from the University of Chicago Pritzker School of Medicine, completed his residency at the University of North Carolina, and a fellowship in sports medicine and shoulder surgery at the Hospital for Special Surgery, the No. 1 ranked orthopaedic hospital by *US News & World Report* for ten out of the last 12 years.

To further his academic interests, Dr. Chudik is a clinical assistant professor in orthopaedics and research mentor for honors medical students at Loyola University, Chicago, a faculty member at the University of Illinois—Chicago department of orthopaedic sports medicine, and he conducts research at Argonne National Laboratory, Batavia, IL, and at the Hines VA Hospital Musculoskeletal Biomechanics Laboratory, Hines, IL. The author of countless papers and journal articles, Dr. Chudik is the founder of the nonprofit Orthopaedic Surgery and Sports Medicine Teaching and Research Foundation and serves as a team physician for USA Swimming Sports Medicine and Science Network High Performance Team, as well as several local club and high school sports teams.

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About the Orthopaedic Surgery and Sports Medicine Teaching and Research Foundation (OTRF)

Dr. Steven Chudik, orthopaedic surgeon and sports medicine physician founded the Orthopaedic Surgery and Sports Medicine Teaching and Research Foundation (OTRF) in 2007. OTRF is a nonprofit, 501 (c)(3) organization dedicated to funding research and education for the purpose of keeping people active and healthy. In an effort to prevent injury and remain active—especially for young athletes—Dr. Chudik saw a growing demand from patients, clinicians and other healthcare professionals for up-to-date medical information and unbiased research on injury prevention and wear and tear on the musculoskeletal systems—joints, cartilage, tendons, ligaments, etc. In response to these requests, OTRF produces and distributes a newsletter, shares information about health performance-related issues such as nutrition and fitness, hosts athletic training educational programs and conducts seminars for healthcare providers and the community. The Foundation also funds unbiased orthopaedic research and technologies in emerging areas such as arthroscopic and minimally invasive surgery for shoulder, knee and sports injuries including meniscus, labrum, rotator cuff, ACL and cartilage. For more information, or to learn about charitable donation opportunities, email Dr. Chudik at contactus@chudikmd.com/.

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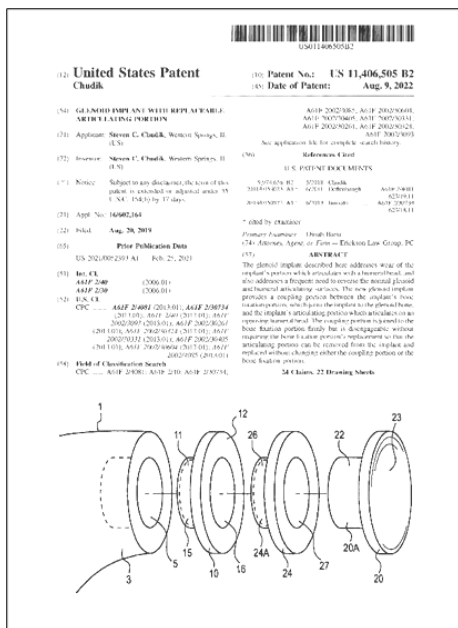


Photo caption: Shoulder pioneer, Dr. Steven Chudik, left, recently received a patent, far left, for a glenoid implant with replaceable articulating portion to solve three of the biggest limitations with shoulder arthroplasty (shoulder replacement)—wear, loosening of the glenoid (shoulder socket) implant, and rotator cuff failure. Dr. Chudik's glenoid implant design allows for a long lasting implant fixation to the glenoid bone. It also has exchangeable parts to address glenoid wear and permit conversion to a reverse shoulder replacement if the rotator cuff wears out.