



## Brandon S. Smetana, M.D.

Indiana Hand to Shoulder Center

### Dr. Smetana office locations:

Indianapolis-Northside

Indianapolis-Downtown

Kokomo

Terre Haute

Dr. Brandon S. Smetana is a hand and upper extremity surgeon at the Indiana Hand to Shoulder Center and has affiliations with both St. Vincent and Indiana University Hospitals. Dr. Smetana specializes in the treatment of all disorders of the upper extremity including shoulder, elbow, wrist, and hand pathology in both adults and children. He is trained in arthroscopy, minimally invasive surgical approaches, and microvascular surgery. He has particular interests in peripheral nerve surgery, arthritis surgery, shoulder surgery, trauma surgery, and upper extremity reconstruction utilizing nerve transfers and tendon transfers. Dr. Smetana adopts a personal approach to each patient, taking time to understand their unique circumstances, in order to develop a collaborative treatment plan that addresses their individual goals.

Dr. Smetana grew up in San Francisco, CA where he attended the French American International School, passing the French Baccalaureate examination with a Science Major and a Specialization in Mathematics Magna Cum Laude honors. He then earned a BA degree in Biology with a concentration in Nutritional Sciences at Cornell University in Ithaca, NY, where he was a Pauline and Irving Tanner Dean's Scholar.

Dr. Smetana received his medical degree from the Pennsylvania State University College of Medicine in Hershey, PA, graduating in the top 5% of his graduating class. He was a junior class inductee into the Alpha Omega Alpha Honors Medical Society and received numerous accolades including multiple named academic scholarships as well as the Mellinger Medical Student Research Scholarship.

Dr. Smetana then completed his Orthopaedic Surgery residency training at the University of North Carolina in Chapel Hill, NC, where he was elected the Administrative Senior and Chief Resident. Following residency, he completed his fellowship training in hand, upper extremity, and microvascular surgery at the Indiana Hand to Shoulder Center, one of the most prestigious fellowships in the country. While in fellowship, he was the recipient of the Best Research Paper and Presentation Award at the The Mary S. Stern, Christine M. Kleinert, and Indiana Hand to Shoulder Center Tri-State Annual Meeting.

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Dr. Smetana is actively engaged in the education of the next generation of hand and upper extremity surgeons, focusing on mentorship at all levels of training including medical students, residents, and fellows, both locally throughout the state of Indiana and nationwide. In addition to publishing clinical and basic science research papers, Dr. Smetana has also contributed chapters for multiple textbooks. He is a reviewer for the prestigious Journal of Bone and Joint Surgery. He is a frequent presenter at national meetings and has recently traveled to Nicaragua as part of a pediatric hand surgery outreach project. Dr. Smetana is an active candidate member in the American Society for Surgery of the Hand, American Association for Hand Surgery, and the American Academy of Orthopaedic Surgeons. Dr. Smetana has also been recognized by the American Orthopaedic Association as an Emerging Leader.

In addition to spending time with his family, Dr. Smetana enjoys playing soccer, hiking the National Parks, watching Big Ten sports, and continuing to train as a classical pianist.

Dr. Smetana sees patients at the following locations: Indianapolis-Northside, Kokomo, and Indianapolis – Downtown.

## Brandon S. Smetana, M.D. Associations

American Society for Surgery of the Hand, Candidate Member 2016 – Present  
American Association for Hand Surgery, Candidate Member 2016 – Present  
American Orthopaedic Association Emerging Leaders Program, Member 2016 – Present  
American Academy of Orthopaedic Surgeons, Candidate Member 2011 – Present

# Brandon S. Smetana. Publications

## Articles

1. Smetana BS, Jernigan EW, Rummings Jr. WA, Weinhold PS, Draeger RW, Patterson JM. Submuscular versus Subcutaneous Ulnar Nerve Transposition: A Cadaveric Study Evaluating their Utility in Primary Ulnar Nerve Repair at the Elbow. *Journal of Hand Surgery*. 2017 Jul;42(7):571.e1–571.e7. PMID: 28434831
2. Jernigan EW, Smetana BS, Patterson JM. Pediatric Scaphoid Proximal Pole Nonunion With Avascular Necrosis. *Journal of Hand Surgery*. 2017 Apr;42(4):299.e1-299.e4. PMID:28027846
3. Smetana BS, Zhou X, Hurwitz S, Kamath GV, Patterson JM. Effects of Hand Fellowship Training on Rates of Endoscopic and Open Carpal Tunnel Release. *Journal of Hand Surgery*. 2016 (4): e53-e58. PMID: 26832310
4. Gallo RA, Silvis ML, Smetana BS, Stuck D, Lynch SA, Mosher TJ, Black KP Asymptomatic Hip/Groin Pathology Identified on Magnetic Resonance Imaging of Professional Hockey Players: Outcomes and Playing Status at 4 Years' Follow-Up. *Arthroscopy*. 2014 (10): 1222-1228. PMID: 24996873
5. Silvis ML, Mosher TJ, Smetana BS, Chinchilli VM, Flemming DJ, Walker EA, Black KP. High Prevalence of Pelvic and Hip MRI Findings in Asymptomatic Collegiate and Professional Hockey Players. *American Journal of Sports Medicine*, 2011 39: 715-721. PMID: 21233405

## Book Chapters

1. Smetana BS, Draeger RW. Dorsal Fracture Dislocations: Biomechanics and Management Principles. *PIP Joint Fracture Dislocations: A Clinical Casebook*. Julie E. Adams. 2016
2. Smetana BS, Patterson JM. Nerve Transfers for the Reconstruction of Hand function after Spinal Cord Injury: A Case Report. *50 Studies Every Plastic Surgeon Should Know*. Hultman CS. 2014