

GONZALO BARINAGA, MD

Orthopedic Surgeon | Hand & Upper Extremity Specialist

3077 N Mayfair Rd, Suite 100, Wauwatosa, WI 53222

gbarinaga@momamke.com

ABOS Board Certified | CAQ Surgery of the Hand

EXECUTIVE SUMMARY

Board-Certified Orthopaedic Surgeon and fellowship-trained Hand and Microvascular Surgery specialist. Recognized as a Milwaukee Magazine Top Doctor (2022–2025). Physician leader serving in governance, marketing, board, and team physician roles while maintaining an active clinical practice focused on hand surgery, upper extremity reconstruction, orthopedic trauma, fracture care, sports medicine, peripheral nerve surgery, and microsurgery.

ORGANIZATIONAL LEADERSHIP

MOMA Clinical Governance Committee Member (2026–Present)

MOMA Marketing Committee Member (2023–2026)

Marquette University High School Board Member (2022–Present)

S.O.A.R. Outcomes and Analytical Research Group (2016–2018)

AOA Leadership Immersion Series (Chicago Booth) (2015–2016)

ATHLETIC MEDICINE LEADERSHIP

Marquette University High School

Team Physician | 2019–Present

PROFESSIONAL APPOINTMENTS

Midwest Orthopedic and Musculoskeletal Alliance (2024–Present)

Orthopedic Surgeon, Hand and Upper Extremity Specialist

Orthopedic Institute of Wisconsin (2019–2024)

Hand and Upper Extremity Surgeon

BOARD CERTIFICATION & LICENSURE

American Board of Orthopaedic Surgery (ABOS) – Board Certified

Certificate of Added Qualifications (CAQ) – Surgery of the Hand

Wisconsin Medical License (2019–Present)

CLINICAL EXPERTISE

Hand Surgery
Wrist Surgery
Elbow Surgery
Upper Extremity Reconstruction
Orthopedic Trauma
Fracture Care
Sports Medicine
Peripheral Nerve Surgery
Microsurgery
Tendon and Ligament Reconstruction
Arthritis Surgery
Orthobiologics and Regenerative Medicine

CLINICAL APPOINTMENTS

Midwest Orthopedic Specialty Hospital – Staff Orthopedic Surgeon | 2019–Present
The Surgery Center – Staff Orthopedic Surgeon | 2019–Present
Ascension All Saints Hospital – Staff Orthopedic Surgeon | 2019–Present
Ascension Franklin Hospital – Staff Orthopedic Surgeon | 2019–Present
Ascension St. Francis Hospital – Staff Orthopedic Surgeon | 2019–Present
Ascension St. Joseph Hospital – Staff Orthopedic Surgeon | 2019–Present

PROFESSIONAL RECOGNITION

Milwaukee Magazine Top Doctors (2022–2025)

HONORS & AWARDS

AOA C. McCollister Evarts Resident Leadership Forum (2017)
SIU Resident Research Day Best Clinical Study Award (2017)
SIU Resident Teacher of the Year Award (2016)

ATHLETIC & ACADEMIC HONORS

Mid-American Conference Scholar Athlete Scholarship (2008)
ESPN Academic All-District V Team (2008)
Mid-American Conference First-Team All-Academic (2008)
Graduated with Honors, Ball State University (2008)

PROFESSIONAL SOCIETY MEMBERSHIPS

American Society for Surgery of the Hand (ASSH)
American Academy of Orthopaedic Surgeons (AAOS)

ACADEMIC ACTIVITIES

Journal Reviewer – Techniques in Hand and Upper Extremity Surgery

Research Leadership
S.O.A.R. Outcomes and Analytical Research Group (2016–2018)

PROFESSIONAL SOCIETY MEMBERSHIPS

American Society for Surgery of the Hand (ASSH)
American Academy of Orthopaedic Surgeons (AAOS)

ACADEMIC ACTIVITIES

Journal Reviewer – Techniques in Hand and Upper Extremity Surgery

EDUCATION & TRAINING

University of Washington Combined Hand and Microvascular Surgery Fellowship (2018–2019)
Southern Illinois University School of Medicine Orthopaedic Surgery Residency (2013–2018)
University of Wisconsin School of Medicine and Public Health, MD (2009–2013)
Ball State University, BS Biology & Pre-Medicine (2004–2008)

PEER-REVIEWED PUBLICATIONS

1. Using a Comanagement Model to Develop a Hip Fracture Integrated Care Pathway. Journal of Healthcare Management.
2. ACOs and Bundle Payments: Total Joint Arthroplasty Review Article. Orthopedic Clinics of North America.
3. Effect of Time of Operation on Hip Fracture Outcomes—A Retrospective Analysis. JAAOS.
4. The Effect of Payer Type, Disposition, and Day of Surgery on Resource Consumption Following Hip Fracture Care. Journal of Hip Surgery.
5. A Novel Approach for Bone Transport Using an Intramedullary Limb Lengthening System: A Case Report. JAAOS.

6. The Effect of Forearm Shortening on Forearm Range of Motion. Journal of Hand Surgery.
7. Thrower's Fracture of the Humerus: An Investigation of Risk Factors Following an Unlikely Case. JBJS Case Connector.
8. Implementation of a Hip Fracture Care Pathway Using Six Sigma Methodology at a Level One Academic Center. Journal of Orthopaedic Trauma.

BOOK CHAPTER

Huang J, Barinaga G. Open Scapholunate Repair and Augmentation. Operative Techniques in Orthopaedic Surgery, 3rd Edition. Wolters Kluwer; 2022.

Podium Presentations

Thromboprophylaxis in Hip Fracture Patients: A Study Assessing Outcomes and Resource Utilization Trends.

Predictive Factors for Economic Outcomes in Patients with Hip Fractures.

Effect of Time of Operation on Hip Fracture Outcomes—A Retrospective Analysis.

Retrospective Analysis of the Impact of Day of Admission, Payer Type, and Disposition on Outcomes Following Hip Fracture Procedures.

Assessing Risk Factors for Thirty-day Readmission after Total Hip Arthroplasty.

Implementation of a Hip Fracture Care Pathway Using Lean Six Sigma Methodology in a Level 1 Trauma Center.

Poster Presentations

Implementation of a Hip Fracture Care Pathway Using Six Sigma Methodology at a Level One Academic Center.

Predictive Factors for Economic Outcomes in Patients with Hip Fractures.

Predictive Factors for Quality Measure Outcomes in Patients with Hip Fractures.

Assessing Risk Factors for Thirty-day Readmission after Total Knee Arthroplasty.

All Inside, Minimally Invasive Approach to Bone Transport Utilizing an Intramedullary Limb Lengthening System: A Case Report.

LANGUAGES

English – Native

Spanish – Fluent (including Medical Spanish)

ATHLETIC & LEADERSHIP DISTINCTIONS

Division I Football Student-Athlete, Ball State University (2004–2009)

PERSONAL INTERESTS

Athletics and fitness, travel, sports performance, mentorship, and educational leadership.