



# Rick F. Papandrea MD

## EDUCATION/TRAINING

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1998 - 1999	Adult Upper Extremity Reconstruction (Shoulder/Elbow) Fellowship Mayo Clinic Rochester, Minnesota
1997-1998	Harvard Hand and Upper Extremity Service Fellowship Brigham's and Women's Hospital / Children's Hospital Boston, Massachusetts
2006 –2010	Orthopaedic Surgery Residency The Mount Sinai Medical Center Cleveland, Ohio
2002 –2006	General Surgery Internship The Mount Sinai Medical Center Cleveland, Ohio
1988-1992	Doctor of Medicine University of Wisconsin School of Medicine Madison, Wisconsin
1985-1988	University of Wisconsin Madison, Wisconsin

## CERTIFICATION/LICENSURE

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ABOS board certified in Orthopaedic Surgery

ABOS board certified in Hand Surgery (Certificate of Added Qualification for Hand Surgery)

ABOS board certified in Sports Medicine

## ACADEMIC APPOINTMENTS

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2024-Present	Adjunct Professor of Orthopaedic Surgery, Medical College of Wisconsin, Milwaukee, WI
2016-2024	Associate Clinical Professor of Orthopaedic Surgery, Medical College of Wisconsin, Milwaukee WI
2006-2016	Assistant Clinical Professor of Orthopaedic Surgery, Medical College of Wisconsin, Milwaukee WI
2000-2006	Clinical Instructor of Orthopaedic Surgery, Medical College of Wisconsin, Milwaukee WI
1998-1999	Instructor in Orthopaedics, Mayo Medical School, Rochester MN
1997-1998	Clinical Fellow of Orthopaedic Surgery, Hand/Upper Extremity Services, Harvard Medical School, Boston MA

## HOSPITAL APPOINTMENTS

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2008-2009	Vice Chairman: Department of Surgery, Waukesha Memorial Hospital
2003-2006	Chairman: Division of Orthopaedic Surgery, Waukesha Memorial Hospital

## TEACHING RESPONSIBILITIES

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2003-2025 Fellowship: Milwaukee Upper Extremity Fellowship One of four primary staff for one fellow

## COMMITTEE AND GOVERNANCE POSITIONS

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2012–2024 Board Member ProHealth Solutions ACO, Waukesha, WI  
2014–2022 President Waukesha Elmbrook Health Care (IPA)  
2015–2017 Nominating Committee Member American Society for Surgery of the Hand  
2016–2023 Board Member La Casa de Esperanza Foundation  
2011–2015 Exhibit Committee Member American Academy of Orthopaedic Surgeons

## HONORS & AWARDS

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2014-2025 America's Top Doctors - Castle Connolly Medical LTD.  
2010-2025 Teladoc Medical Experts (Best Doctors)  
2015-2024 Milwaukee Magazine Top Doctor listing  
2014-2020 M Magazine's Best Doctors list  
2011 Milwaukee Super Doctors  
2005 Outstanding Clinical Instructor, Department of Orthopaedic Surgery, Medical College of Wisconsin  
2003 Fickle Finger of Fate Award, Carroll Hand Club  
2002 Outstanding Clinical Instructor, Outstanding Clinical Instructor, Department of Orthopaedic Surgery, Medical College of Wisconsin 1996 Best Presentation and Layout for a Scientific Exhibit. American Society for Surgery of the Hand, 51st Annual Meeting Nashville, TN  
1995 Residents Research Competition, First Place Cleveland Orthopaedic Society "Biomechanical, Cross-sectional, Clinical Analysis of the epitendon-first Technique for Flexor Tendon Repair."  
1992 Alpha Omega Alpha Honor Society, University of Wisconsin Medical School, Madison, Wisconsin  
1991 Sandoz Award for Clinical Excellence, University of Wisconsin Medical School, Madison, Wisconsin  
1988 Phi Beta Kappa Honor Society, Junior Induction  
1985-1988 Dean's List, University of Wisconsin – Madison  
1988 Phi Kappa Phi Honor Society  
1985 Phi Eta Sigma, Freshman Honor Society

## PUBLICATIONS - JOURNAL

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Guareschi, A.S, et al. Outcomes following humeral head autograft glenoid reconstruction in primary reverse total shoulder arthroplasty. J Shoulder Elbow, online August 2024. <https://doi.org/10.1016/j.jse.2024.06.031>

Simmons, C., et al. Initial clinical experience with a predictive clinical decision support tool for anatomic and reverse total shoulder arthroplasty. Eur J Orthop Surg Traumatol, Dec 2023.

Youderian AR, Green, AT, Polakovic AS, Davis NZ, Parsons M, Papandrea RF, Jones RB, Byram IR, Gobbato BB, Wright TW, Flurin PH, Zuckerman JD. Two-year clinical outcomes and complication rates in anatomic and reverse shoulder arthroplasty implanted with Exactech GPS intraoperative navigation. J Shoulder Elbow, online June 2023. <https://doi.org/10.1016/j.jse.2023.05.021>

McCadden A, Reid JJ, Kunkle B, Kothandaraman V, Oldenburg KS, Greene A, Schoch B, Papandrea R, Simovitch R, Wright T, Parsons I, Flurin PH, Friedman RJ, Eichinger JK. Assessing Glenoid Arthroplasty Component Positioning for Surgeons Utilizing Surgical Planning Software. Seminars in Arthroplasty: JSES. 2023 March. <https://doi.org/10.1053/j.sart.2022.08.004>.

Le J, et. al. "Risk factors for instability after reverse shoulder arthroplasty". Seminars in Arthroplasty: JSES. Vol. 32, Issue 3, Pages 613-622, 2022.

Rohman, E, et. al. Factors associated with improvement or loss of internal rotation after reverse shoulder arthroplasty". J Shoulder Elbow, Vol 31, Issue 7, Pages e346-e358, 2022.

Parsons M, et. al. "Intersurgeon and Intrasurgeon variability in preoperative planning of anatomic total shoulder arthroplasty: a quantitative comparison of 49 cases planned by 9 surgeons" J Shoulder Elbow, Vol 29, Issue 12, Pages 2610-2618, 2020.

Parsons M, et. al. "Assessment of surgeon variability in preoperative planning of reverse total shoulder arthroplasty: a quantitative comparison of 49 cases planned by 9 surgeons" J Shoulder Elbow Vol 29, Issue 10, Pages 2080-2088, 2020.

Orbay JL, et. al. "Multicenter trial of an internal joint stabilizer for the elbow" J Shoulder Elbow Vol. 26, Pages 125-132, 2017.

Rangarajan, R, Papandrea, RF, and Cil, A. "Distal Humeral Hemiarthroplasty Versus Total Elbow Arthroplasty for Acute Distal Humeral Fractures" Orthopedics Vol 41, Issue 1, Pages 13-33, 2017.

Hoyen H and Papandrea, RF. "Exposures of the shoulder and upper humerus" Hand Clinics Vol 30, Issue 4, Pages 391-399, Nov 2014.

## PUBLICATIONS - JOURNAL

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- Papandrea, R and Chen, K. "New perspectives on treatment of both bone forearm malunions: three-dimensional (3D) modeling and printing" *Curr Ortho Practice* 25:5, Pages 439-445, Sept/Oct 2014.
- Kuzel BR, Grindel SI, Papandrea RF, Ziegler D. "Fatty infiltration and rotator cuff atrophy" *J Am Acad Orthop Surg* Vol. 21, Issue 10, Pages 613-23, Oct 2013
- Kuzel, BR and Papandrea, RF. "Partial distal humeral resurfacing of a trochlear defect after elbow fracture-dislocation." *J Shoulder Elbow* Vol. 22, Issue 2, Pages e7-e11, Feb 2013.
- Yoon MY, Koris MJ, Ortiz JA, Papandrea RF. Triceps avulsion, radial head fracture, and medial collateral ligament rupture about the elbow: a report of 4 cases. *J Shoulder Elbow* Vol. 21, Issue 2, Pages e12-e17, Feb 2012.
- Walter, FL Papandrea RF, A mini external fixator for hand and finger fractures constructed from readily available materials. *Tech Hand Upper Ext* 15(4) pp. 215-218, 2011.
- Papandrea RF, Fowler, T. Injury at the thumb UCL: Is there a Stener lesion? *J Hand Surg* 33A:10 pp.1882-4, 2008.
- Papandrea RF, Morrey BF, and O'Driscoll, SW. Reconstruction for Persistent Instability of the Elbow after Coronoid Fracture-Dislocation. *J Shoulder Elbow* Jan/Feb 16(1) pp.68-77, 2007.
- Papandrea RF and Waters PM. Posttraumatic Reconstruction of the Elbow in the Pediatric Patient. *Clin Orthop* Jan pp. 115., 2000.
- Papandrea RF. Fingertip injuries in children and adults. *Current Opinions in Orthopedics* 9:IV pp 27-31, 1998.
- Papandrea RF and Froimson MI. Total hip arthroplasty after acute displaced femoral neck fracture. *Amer J. Ortho* 15:2 pp 85-88, 1996.
- Papandrea RF, Seitz WH Jr., Shapiro PS, Borden BA. Biomechanical, cross sectional and clinical analysis of the epitendon-first technique for flexor tendon repair. *J. Hand Surg.* 20A: 2 pp. 261-66, 1995.

## PUBLICATIONS - TEXTBOOK CHAPTERS

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- Parsons M, Papandrea RF, Greene AT. Preoperative Planning and Plan Execution in Shoulder Arthroplasty. In *Shoulder Arthroplasty across the Life Span*. Mazzocca AD, Calvo E, Di Giacomo G, Eds. Springer, 2023
- Papandrea RF and Kilian DM. Arthroplasty for Postfracture Sequelae and Failed ORIF. In *Shoulder Arthroplasty: Principles and Practice*. Zuckerman Ed. Wolters Kluwer, 2022.
- Papandrea RF. Radiocapitellar Replacement. In *Operative Techniques: Shoulder and Elbow Surgery* 2nd Ed. Lee DH and Neviaser R., Eds. Saunders Elsevier, 2019.
- Papandrea, RF and King, JC. Persistent Elbow Instability. In *The Elbow and Its Disorders* Ed. 5th Ed. Morrey BF., Ed. Elsevier, 2018.
- Evanson, Brian J., Grindel, Steven I., and Papandrea, Rick, F. The Indications and Importance of Obtaining Electrical Studies. In *Carpal Tunnel Syndrome and Related Median Neuropathies* Duncan, Scott F.F. and Kakinoki, R., Eds. Springer, 2017
- Evanson, BJ and Papandrea, RF. Elbow Instability. In *Hand Surgery Update VI*. Ed. Hammert Warren. ASSH, 2016.
- Papandrea RF. Hemiarthroplasty of the Distal Humerus. In *Master Techniques in Orthopedic Surgery: The Elbow* Morrey BF., Ed. Wolters Kluwer, 2014.
- Papandrea RF and Foley J. Pearls: Use of Percutaneous, Intramedullary and External Fixation Techniques. In Seitz WH, Ed. *Fractures and Dislocations of the Hand and Fingers*. Chicago, IL: American Society for Surgery of the Hand, 2013
- King, Jeffrey C., Papandrea, Rick F. "Commentary on Sabo, et al, Osteochondral lesions of the capitellum do not affect elbow kinematics and stability with intact collateral ligaments". Hausman, M, Mallon, W., Eds. *JHS/JSES Select: An Expert Critique of 2011's Most Popular Articles*. ASSH publisher, Chicago IL, 2013
- Papandrea RF. Secondary Procedures and Surgical Treatment of Distal Humeral Fractures. In *Reoperative Hand Surgery*. Duncan, Scott F.M., Ed. Springer, 2012
- Papandrea RF. Hemiarthroplasty of the Distal Humerus. In *Operative Techniques: Shoulder and Elbow Surgery*. Lee DH and Neviaser R., Eds. Saunders Elsevier, 2011.
- Papandrea RF. Radiocapitellar Replacement. In *Operative Techniques: Shoulder and Elbow Surgery*. Lee DH and Neviaser R., Eds. Saunders Elsevier, 2011.
- Papandrea RF and Evans P. Resurfacing Elbow Replacement Arthroplasty. In *Arthritis & Arthroplasty: The Hand, Wrist and Elbow* Chhabra AB and Isaacs JE., Eds. Saunders Elsevier, 2010.
- Papandrea RF. Elbow Arthroplasty: Surgical Technique. In *Orthopaedic Surgery Essentials: Adult Reconstruction*. Berry DJ, Steinman SP., Eds. Lippincott Williams & Wilkins, 2007.
- Papandrea RF. Two-Incision Distal Biceps Repair. In *Advanced Reconstruction: Elbow* Yamaguchi K, King GJW, McKee MD, O'Driscoll SWM., Eds. AAOS, 2007.
- Seitz WH Jr and Papandrea RF: Fractures and Dislocations in the Wrist. In *Rockwood & Green's Fractures in Adults*, 5th Ed. Heckman JD, Bucholz RW, Eds. Philadelphia: Lippincott, Williams, and Wilkins, 2001.
- Seitz WF Jr and Papandrea RF. Limited open reduction of the distal radius. In *Hand Surgery, Current Practice*. Saffar, Foucher, Amadio., Eds. Martin Dunitz, London, 1997.

## GROUP AUTHORSHIP: AS PART OF THE SCIENCE OF VARIATION GROUP (SOVG)

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Carpal tunnel syndrome: assessment of surgeon and patient preferences and priorities for decision-making. J Hand Surg (Am), 39(9), pp 1799-1804, 2014, DOI: 10.1016/j.jhssa.2014.05.035.

Radiographic loss of contact between radial head fracture fragments is moderately reliable. CORR, 472(7), pp 2113-9, 2014, DOI: 10.1007/s11999-014-3592-z

Diagnosis of elbow fracture patterns on radiographs: interobserver reliability and diagnostic accuracy. CORR, 471(4), pp 1373-8, 2013, DOI: 10.1007/s11999-012-2742-4.

Interobserver reliability of classification and characterization of proximal humeral fractures: a comparison of two and three-dimensional CT. JBJS (Am), 95(17), pp 1600-4, 2013, DOI: 10.2106/JBJS.L00586

Interobserver reliability of computed tomography to diagnose scaphoid waist fracture union. J Hand Surg (Am), pp 250-4, 2012, DOI: 10.1016/j.jhssa.2011.10.051.

Inter-observer variation in the diagnosis of coronal articular fracture lines in the lunate facet of the distal radius. Hand, 7(3), pp 271-5, 2012, DOI: 10.1007/s11552-012-9421-5.

Interobserver reliability of radial head fracture classification: two-dimensional compared with three-dimensional CT. JBJS (Am), 93(21), pp 2015-21, 2011, DOI: 10.2106/JBJS.J.00711.

## PODIUM PRESENTATIONS

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Rotator Cuff: Managing the Chronic Tear. Current controversies in Shoulder and Elbow surgery. American Society for surgery of the Hand, 78th Meeting, Toronto, Canada, 2023.

Outcomes Following Humeral Head Autograft Glenoid Reconstruction in Primary Reverse Total Shoulder Arthroplasty. Rapid Fire Presentation at Southern Orthopaedic Association (SOA) Annual Meeting, Miramar Beach, FL, July 27, 2023.

Guareschi AS, Gannon ST, Welsh ME, Wright TW, Papandrea RF, Simovitch RW, Friedman RJ, Eichinger JK – authors (presented by Guareschi)

How to Set up Depending on the Case and when Not to Scope. What is REALLY at risk, and When? IC Elbow Arthroscopy is Actually Really Useful..How to get there (Safely). American Society for surgery of the Hand, 77th Meeting, Boston, MA, 2022.

Arthroscopic Capsular Release is the way to go. Precourse: The Gray zone in Hand Surgery: Innovations in Elbow Surgery. American Society for surgery of the Hand, 77th Meeting, Boston, MA, 2022.

The Coronoid is GONE! What to do.... Precourse: The Gray zone in Hand Surgery: Innovations in Elbow Surgery. American Society for surgery of the Hand, 77th Meeting, Boston, MA, 2022.

Clash of the Plans ICL. American Society of Shoulder and Elbow surgery. Virtual Annual Meeting, 2020.

Instability in Reverse Total Shoulder Arthroplasty. American Academy of Orthopaedic Surgeons. Virtual Annual Meeting, 2020 (Presented by coauthor Jason Le).

Multi-Center Trial of an Internal Joint Stabilizer of the Elbow. American Shoulder and Elbow Society Annual Meeting, Boston MA, 2016. (Presented by coauthor David Ring).

Intermediate Term Follow Up on Distal Humeral Hemiarthroplasty. American Academy of Orthopaedic Surgeons, Annual Meeting, Chicago, IL, 2013.

Cost Effective 3D Modeling Utilizing Standard CT Scan Data and Shareware Free Software. Scientific Exhibit. American Academy of Orthopaedic Surgeons, Annual Meeting, Chicago, IL, 2013.

Elbow Instability. Case Presentations. American Society for Surgery of the Hand, 65th Annual Meeting, Boston, MA, 2010.

10 in a Row: Experts' Results of 10 Consecutive Distal Radius Fracture Cases, as Judged by their Peers. American Society for Surgery of the Hand, 64th Annual Meeting, San Francisco, CA, 2009.

Prosthetic Hemiarthroplasty of the Distal Humerus. American Shoulder and Elbow Surgeons Biannual Meeting. Monterey, CA, October 2004.

Prosthetic Hemiarthroplasty of the Distal Humerus. American Society for Surgery of the Hand 59th Annual Meeting, New York, NY, September 2004.

Prosthetic Hemiarthroplasty of the Distal Humerus. American Shoulder and Elbow Surgeons Focus Meeting: Shoulder and Elbow Arthritis. Las Vegas, NV, November 2003.

Prosthetic Hemiarthroplasty of the Elbow. Fall Visiting Professor Lectureship (Bernard F. Morrey, MD – Visiting Professor). University of Wisconsin – Department of Orthopedics and Rehabilitation. Madison, WI, October 2003.

Prosthetic Hemiarthroplasty of the Elbow. Wisconsin Orthopaedic Society. Waukesha, WI, May 2003.

Hinged External Fixation of the Elbow. Wisconsin Orthopaedic Society. Waukesha, WI, May 2003.

Results of Two Incision Distal Biceps Repair with Home Therapy Protocol and Immediate Active Motion. Wisconsin Orthopaedic Society. Milwaukee, WI, September 2001.

Reconstruction for Persistent Instability of the Elbow after Fracture Dislocation. ASES 2nd Biennial Shoulder and Elbow Meeting Miami, FL May 4, 2000.

Reconstruction for Persistent Instability of the Elbow after Fracture Dislocation. AAOS 67th Annual Meeting Orlando, FL March 15, 2000.

## PODIUM PRESENTATIONS

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Is There a Role for In-Situ Decompression in the Treatment of Cubital Tunnel Syndrome? -A Retrospective Cohort Study. American Society for Surgery of the Hand 54th Annual Meeting, Boston, MA, September 1999 (Presented by A.J. Peljovich)

Minimum Ten Year Follow-up of 284 Capitellocondylar Total Elbows in Rheumatoid Arthritis. AAOS 66th Annual Meeting, February 8th, 1999. (Presented by Mark J. Koris).

Preliminary Clinical Experience and Evolution of Surgical Techniques Using Norian SRS in the Treatment of Unstable Distal Radius Fractures. American Society for Surgery of the Hand, 51st Annual Meeting, Nashville, TN, September 1996 (scientific exhibit).

A Retrospective Review of an Anatomic Repair for Lateral Epicondylitis. American Society for Surgery of the Hand, 51st Annual Meeting, Nashville, TN, September 1996 (poster exhibit).

## LECTURES

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Glenoid Revision with Bone Loss: What's Worked, What's Failed, and What We Need. Equinox Shoulder Clinician Meeting, Montreal, August 2024

Coronoid Based Diagnosis and Treatment of Complex Elbow Fractures. ASSH Webinar: Elbow Instability, A Global Perspective. February 2024.

Shoulder Instability. Upper Extremity Seminar. Ethiopian Society of Orthopaedics and Traumatology. ALERT Hospital, Addis Abbaba, Ethiopia. February 2024.

Rotator Cuff Injury. Upper Extremity Seminar. Ethiopian Society of Orthopaedics and Traumatology. ALERT Hospital, Addis Abbaba, Ethiopia. February 2024.

Terrible Triad Injury. Coronoid based treatment of complex elbow instability. Upper Extremity Seminar. Ethiopian Society of Orthopaedics and Traumatology. ALERT Hospital, Addis Abbaba, Ethiopia. February 2024.

Physical Exam of the Shoulder and Elbow. Upper Extremity Seminar. Ethiopian Society of Orthopaedics and Traumatology. ALERT Hospital, Addis Abbaba, Ethiopia. February 2024.

Complex elbow case discussions. Upper Extremity Seminar. Ethiopian Society of Orthopaedics and Traumatology. ALERT Hospital, Addis Abbaba, Ethiopia. February 2024.

Surgical Approaches to the elbow. Upper Extremity Seminar. Ethiopian Society of Orthopaedics and Traumatology. ALERT Hospital, Addis Abbaba, Ethiopia. February 2024.

Wrist Instability, including Peri Lunate Dislocations. Upper Extremity Seminar. Ethiopian Society of Orthopaedics and Traumatology. ALERT Hospital, Addis Abbaba, Ethiopia. February 2024.

Hand and Wrist Examination. Upper Extremity Seminar. Ethiopian Society of Orthopaedics and Traumatology. ALERT Hospital, Addis Abbaba, Ethiopia. February 2024.

Elbow Instability: Coronoid fracture pattern recognition. Hand Conference. Medical College of Wisconsin, Milwaukee, WI. November, 2022.

Current Concepts in Complex Elbow Instability: Treatment based on pattern recognition. Elbow Instability Webinar. Colombian Society of Shoulder and Elbow. August 2022.

Wrist Instability. Resident teaching conference. St. Paul Hospital. Addis Ababa, Ethiopia. August 2022.

WALANT. Resident teaching conference. St. Paul Hospital. Addis Ababa, Ethiopia. August 2022.

Complex elbow instability: Coronoid fracture pattern recognition. Resident teaching conference. Soddo Christian Hospital, Soddo, Ethiopia. August 2022.

Rotator cuff fatty infiltration: Impact on aTSA and rTSA outcomes and complications. Exactech Masters Course, New York, NY. June 2022

Proximal humerus fractures. Virtual Sign meeting. April 2022.

Finger fractures, WALANT and Reduced Resource Needs for Hand Surgery. Virtual Sign meeting. January 2022.

Complex elbow instability. Virtual Sign meeting. November 2021.

Elbow Instability. Treatment of difficult upper extremity injuries. Tikur Anbessa Specialized Hospital. Addis Ababa, Ethiopia. February 2020.

Physical examination of the Wrist. Treatment of difficult upper extremity injuries. Tikur Anbessa Specialized Hospital. Addis Ababa, Ethiopia. February 2020.

WALANT surgery for the upper extremity. Treatment of difficult upper extremity injuries. Tikur Anbessa Specialized Hospital. Addis Ababa, Ethiopia. February 2020.

Update on Shoulder Arthroplasty. Waukesha Memorial Hospital Staff Rounds. Waukesha, WI. September 2019.

Mentoring. Medical College of Wisconsin, Orthopaedic Grand Rounds. Milwaukee, WI. September 2019.

Computer Navigation in Shoulder Arthroplasty. The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH. June 2019.

Elbow Arthritis. Hand and Upper Extremity Core Conference. Medical College of Wisconsin Residency Program. Milwaukee, WI. November 2018.

Current Concepts in Complex Elbow Instability. Wisconsin Orthopaedic Society. Madison, WI. October 2018.

Advances in Shoulder Arthroplasty. Association of Surgical Technologists Meeting. Waukesha, WI. October 2018.

Mentorship: A Mid-Career Perspective. American Society for Surgery of the Hand Annual meeting. Instructional Course. Boston, MA. September 2018.

Insights into Computer Assisted Surgery. Exactech Shoulder Medical Education Meeting. Milwaukee, WI. June 2018.

Comparison of Anesthetics after Shoulder Arthroplasty. Exactech User Group Meeting. New Orleans, LA. March 2018.

Advances in Shoulder Surgery. Milwaukee Surgical Society. Milwaukee, WI. March 2018.

Arthroscopic Fixation of the Distal Humerus. AAOS Wrist and Elbow Arthroscopy and Related Procedures. OLC. Rosemont, IL. November 2017.

Arthroscopic Elbow Fracture Fixation. The Cutting Edge. The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH. June 2017.

Embrace the Glenoid/Treating Glenoid Deficiency in Shoulder Arthroplasty. Exactech Surgeon Meeting. Detroit, MI. June 2017.

Elbow Tendonopathy. Hand Conference. Medical College of WI. Milwaukee, WI. April 2017

Elbow Arthritis: Maximizing outcome with prevention, arthroscopy, partial replacements, and total elbow replacement. Orthopedic Grand Rounds, Carilion Roanoke Memorial Hospital, Roanoke, VA. June 2016

Elbow Arthritis: Maximizing outcome with arthroscopy, partial replacements, and total elbow replacement. The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH. June 2016.

Trends in Elbow Surgery. Hand Conference. Medical College of WI. Milwaukee, WI. May 2016.

Complications of Elbow Arthroscopy. Identifying the Cause(s) Gaining an Acceptable Result. Recourse 03: 70th meeting ASSH. Seattle, WA. September 2015.

Lateral Epicondylitis. Hand Conference. Medical College of WI. Milwaukee, WI. April 2015.

Elbow Fracture-Dislocations. Hand Conference. Medical College of WI. Milwaukee, WI. March 2015

Elbow Arthritis in the Young Active Patient: Partial Resurfacing. The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH. May 2014.

5 Minute Drill: Dealing with Trauma Sequelae: Total Wrist Arthroplasty. The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH. May 2014.

5 Minute Drill: Tennis Elbow. The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH. May 2014.

Total Shoulder Arthroplasty in a 23hr Facility. The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH. May 2014.

"Privademics": Blending successful private practice, while contributing academically. Reich Lecture, Cleveland Orthopaedic Society, Cleveland, OH. March 2014.

3D Modeling in Orthopaedics. Hand conference. Medical College of WI. Milwaukee, WI. March 2014.

Elbow fracture-dislocation patterns and treatment. Hand Conference. Medical College of WI. Milwaukee, WI. February 2014.

3D Modeling in Orthopedics. Wisconsin Orthopaedic Society. Milwaukee, WI. October 2013.

Elbow Instability after Fracture Dislocation: Treatment Based on Pattern Recognition. Minnesota Orthopaedic Society Annual Meeting. Minneapolis, MN. May 2013.

A Comprehensive Approach to Glenoid Exposure. Exactech Surgeon Meeting. Minneapolis, MN. May 2013.

Advances in Reverse Total Shoulders: Outcomes, Complications and Surgical Pearls. Exactech Surgeon Meeting. Minneapolis, MN. May 2013.

Making the Jump to WALANT surgery. New Technology in Upper Extremity Surgery: The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH. May 2013.

Minimum 3 year follow up on Distal Humeral Hemiarthroplasty. New Technology in Upper Extremity Surgery: The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH. May 2013.

Reverse TSA in glenoid deficiency. New Technology in Upper Extremity Surgery: The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH. May 2013.

Elbow Arthroscopy. Hand Conference. Medical College of WI, Milwaukee, WI. March 2013.

Hemiarthroplasty and Partial Resurfacing in acute Elbow Trauma. Orthopaedic Trauma Association, Annual Meeting, Minneapolis, MN, October 2012.

Utilizing the iPhone and iPad in a Hand Surgery Practice. American Society for Surgery of the Hand, 67th Annual Meeting, Chicago, IL, September 2012.

Partial Elbow Resurfacing. New Technology in Upper Extremity Surgery: The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH, June 2012.

Arthroscopic Assisted Fracture Fixation. First Korean University Elbow Symposium. Seoul, Korea, June 2012.

Elbow Fracture. Updated with Innovative Implants. First Korean University Elbow Symposium. Seoul, Korea, June 2012.

Failure of Metallic Radial Head Replacement. First Korean University Elbow Symposium. Seoul, Korea, June 2012.

Reverse Shoulder Rationale. Exactech Surgeon Meeting. Salt Lake City, UT, January 2012.

Overcoming the Challenging Shoulder. Exactech Surgeon Meeting. Salt Lake City, UT, January 2012.

Proximal Humeral Fracture Treatment. United Kingdom Exactech User Group. Newcastle, UK, June 2011.

3-Dimensional Modeling in a Cost-Conscious Environment. New Technology in Upper Extremity Surgery: The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH, June 2011.

The Terrible Triad and the Unstable Elbow. Acumed Las Vegas Upper Extremity Course, Las Vegas, 2011.

Forearm and Elbow Review: AAOS Review Course. AAOS Annual Meeting, San Diego, 2011.

Wrist Arthroscopy Complications. Wrist and Elbow Arthroscopy and Associated Methodologies: Techniques and Innovations, OLC, Rosemont, IL, August 2010.

Arthroscopic treatment for OCD of the Elbow. Wrist and Elbow Arthroscopy and Associated Methodologies: Techniques and Innovations, OLC, Rosemont, IL, August 2010.

Forearm and Elbow Review: AAOS Review Course. AAOS Annual Meeting, New Orleans, 2010.

Capitellar Replacement. ASSH Specialty Day, AAOS Annual Meeting, New Orleans, 2010.

Osteochondritis Dissecans of the Capitellum. Elbow and Wrist Arthroscopy and Reconstruction, OLC, Rosemont, IL, November 2009.

Managing the Olecranon and Coronoid in Unstable Fracture-subluxation. Acumed Meeting, Las Vegas, November 2009.

Radial Head Fractures. Advanced Techniques in Reconstructive Elbow Surgery. OLC, Rosemont, IL, June 2009.

Radial Head Fracture and the Terrible Triad. Elbow Reconstruction: Arthroscopy, Instability and Arthroplasty. OLC, Rosemont, IL, December 2008.

Arthroscopic Contracture Release. Wrist & Elbow Arthroscopy: Techniques and Innovations. OLC, Rosemont, IL, August. 2008.

Partial vs. Total Elbow Replacement: New Approaches to Old Problems. New Technology in Upper Extremity Surgery: The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH, May 2008.

Advanced Shoulder and Elbow Arthroplasty. Wisconsin State Assembly of Surgical Technicians Annual Meeting. Waukesha Memorial Hospital, April 2008.

Partial Elbow Replacement (Radial head, Capitellum, and Hemiarthroplasty). New Technology in Upper Extremity Surgery: The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH, June 2007.

The Role of Open Rotator Cuff Repair in 2007. New Technology in Upper Extremity Surgery: The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH, June 2007.

Medial Elbow Instability: Anatomy, Indications, and Results. Advanced Techniques in Elbow Surgery. OLC, Rosemont, IL, April 2007.

Management of Missed Complex Instability: Is there a Good Solution to Chronic Subluxation of the Elbow? 21st Annual Vail Orthopaedic Symposium. Vail, CO, January 2007.

Coronoid Fractures. Acumed meeting, San Francisco, CA, November 2006.

Options for the Painful Post Traumatic Elbow. Wrist & Elbow Arthroscopy: Techniques and Innovations. OLC, Rosemont, IL, June 2006.

Elbow Arthroplasty for Fractures. Harvard Hand and Upper Extremity Fellowship 25th Anniversary Symposia. Boston, MA, May 2006.

Total Elbow Arthroplasty – Implant Choices (Advantages and Disadvantages). 20th Annual Vail Orthopaedic Symposium. Vail, CO, January 2006.

Diagnosis and Classification of Elbow Arthritis. 20th Annual Vail Orthopaedic Symposium. Vail, CO, January 2006.

Hemiarthroplasty for the Fractured Elbow. Current Concepts: Shoulder and Elbow Surgery. Tampa, FL, January 2006.

Design Rationale of Total Elbow Arthroplasty. Current Concepts: Shoulder and Elbow Surgery. Tampa, January 2006.

ORIF vs. TEA for Acute Fractures. Zimmer Elbow and Shoulder Cadaver Skills Course. OLC, Rosemont, IL, December 2005.

Treatment of Coronoid Fractures with an Emphasis on Elbow Instability. Wisconsin Orthopaedic Society Conference. Waukesha, WI, June 2005.

Tripod Screw Fixation for Radial Head Fractures. New Technology in Upper Extremity Surgery: The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH, June 2005.

Shoulder Reconstruction – The Role of Tendon Transfer. New Technology in Upper Extremity Surgery: The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH, June 2005.

Making Sense of Elbow Instability. Medical College of Wisconsin, Dept. of Orthopaedics Grand Rounds. Milwaukee, WI, April 2005.

Fractures of the Distal Humerus. University of Illinois – Chicago, Saturday Morning Grand Rounds, Department of Orthopaedics, February 2005.

## LECTURES

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Coronoid Fractures. Acumed meeting, Las Vegas, NV, November 2004.

Distal Humeral Fractures. "Elbow Reconstruction: Arthroscopy, Instability and Arthroplasty", OLC, Rosemont, IL, October 2004.

New Concepts in Elbow Reconstruction – The Hemiarthroplasty. New Technology in Upper Extremity Surgery: The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH, July 2004.

Hemiarthroplasty – Indications & Pearls for Managing CTA. New Technology in Upper Extremity Surgery: The Cutting Edge. Cleveland Orthopaedic and Spine Hospital/Cleveland Clinic, Cleveland, OH, July 2004.

Principle Based Treatment of Olecranon Fractures. Acumed meeting, Las Vegas, NV, December 2003.

Anatomy of the Elbow. Shoulder and Elbow: The Essentials. OLC, Rosemont, IL, October 2003.

The Spectrum of Elbow Instability: Indications & Treatment for Medial/Lateral Elbow Instability. Becoming a Giant: Mastering Advanced Techniques in the Upper Limb. American Society for Surgery of the Hand 58th Annual Meeting. Rosemont, IL, September 2003.

Orthopaedic Applications for Autologous Derived Platelet Concentrates. Wisconsin Perfusion Society 10th Annual Spring Meeting, Wisconsin Dells, Wisconsin, April 2003.

Fracture Healing and Treatment. Current Trends in Hand Fractures and Tendon Care. American Society of Hand Therapists, Milwaukee, Wisconsin, April 2002.

Total Elbow Arthroplasty. Zimmer-Thomson Associates, Annual Meeting. Menomonee Falls, WI, December 2001.

Elbow Instability. Medical College of Wisconsin, Dept. of Orthopaedics Grand Rounds. Milwaukee, WI, November 2001.

Distal Biceps Repair. Summer Institute 2001. Course #504: Reconstructive Surgery of the Elbow: A Technique Based Perspective. American Academy of Orthopedic Surgeons. San Diego, California, September 2001.

Management of Complex Elbow Trauma. Challenging Upper Extremity Injuries: Acute to Chronic. American Society of Hand Therapists, Milwaukee Wisconsin, May 2001.

Wrist Fracture Fixation with the TriMed System. Waukesha Wisconsin, May 2001.

Wrist Fracture Fixation with the TriMed System. Cincinnati, Ohio, May 2001.

Wrist Fracture Fixation with the TriMed System. University of Michigan, Ann Arbor Michigan 2000.

Elbow Instability. Wisconsin Hand Therapy Society. Waukesha, Wisconsin, May 20th, 2000.

Difficult Elbow Problems. All Staff conference, Waukesha Memorial Hospital. April 18, 2000.

Elbow Instability. Medical College of Wisconsin, Dept. of Orthopaedics Grand Rounds. Milwaukee, WI, December, 1999.

Pediatric Hand Injuries. Medical College of Wisconsin, Hand Conference. October 15, 1999.

Elbow Instability. Mayo Clinic Fracture Conference. Rochester, MN, October 1998.

Traumatic Indications for Total Elbow Arthroplasty. Mayo Clinic Orthopaedic Tuesday Night Conference. Rochester, MN, November 1988.

Hand Injuries in Children. Injuries to Children: From Minor to Major and Multiple Trauma. Children's Hospital, Boston, MA, March 1998.

## LAB—INSTRUCTORSHIP

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Advanced Surgical Skills, "Elbow Instability". Mayo Clinic, Rochester, Minnesota, June 2022.

Advanced Surgical Skills, "Elbow Arthroplasty". Mayo Clinic, Rochester, Minnesota, June 2019.

Advanced Surgical Skills, "Teach the Teachers". Mayo Clinic, Rochester, Minnesota, June 2018.

AAOS Wrist and Elbow Arthroscopy and Related Procedures. OLC. Rosemont, IL. November 2017.

Advanced Surgical Skills, "The Stiff Elbow". Mayo Clinic, Rochester, Minnesota, May 2017.

Advanced Surgical Skills, "Sequelae of Elbow Fractures". Mayo Clinic, Rochester, Minnesota, May 2016.

Advanced Surgical Skills, "Elbow Instability". Mayo Clinic, Rochester, Minnesota, May 2014.

Advanced Surgical Skills, "Elbow Arthroplasty". Mayo Clinic, Rochester, Minnesota, May 2013.

Advanced Surgical Skills, "Elbow Arthroscopy". Mayo Clinic, Rochester, Minnesota, May 2012.

Advanced Surgical Skills, "Elbow Contractures: Understanding, Prevention, & Treatment". Mayo Clinic, Rochester, Minnesota, May 2011.

Wrist Arthroscopy Complications. Wrist and Elbow Arthroscopy and Associated Methodologies: Techniques and Innovations, OLC, Rosemont, IL, August 2010.

Advanced Surgical Skills. "Elbow Trauma" Mayo Clinic, Rochester, Minnesota, May 2010.

Elbow and Wrist Arthroscopy and Reconstruction, OLC, Rosemont, IL, November 2009.

Advanced Techniques in Reconstructive Elbow Surgery, OLC, Rosemont, IL, June 2009.

Advanced Surgical Skills. "The Unstable Elbow" Mayo Clinic, Rochester, Minnesota, May 2009.



Elbow Reconstruction: Arthroscopy, Instability and Arthroplasty. OLC, Rosemont, IL, December 2008.

Wrist and Elbow Arthroscopy: Techniques and Innovations, OLC, Rosemont, IL, August 2008.

Advanced Surgical Skills, "Elbow Arthritis-Total Elbow Arthroplasty". Mayo Clinic, Rochester, Minnesota, May 2008.

Advanced Surgical Skills, "Elbow Arthroscopy". Mayo Clinic, Rochester, Minnesota, May 2007.

Anatomy, Indications, and Results. Advanced Techniques in Elbow Surgery. OLC, Rosemont, IL, April 2007.

Elbow Reconstruction: Arthroscopy, Instability, and Arthroplasty, OLC, Rosemont, IL, September 2006.

Wrist & Elbow Arthroscopy: Techniques and Innovations, OLC, Rosemont, IL, June 2006.

Advanced Surgical Skills, "The Stiff Elbow". Mayo Clinic, Rochester, Minnesota, May 2006.

Zimmer Elbow and Shoulder Cadaver Skills Course, OLC, Rosemont, IL, December 2005.

"Advanced Techniques in Elbow Surgery", OLC, Rosemont, IL, October 2005.

Advanced Surgical Skills. "Elbow Trauma" Mayo Clinic, Rochester, Minnesota, May 2005.

Hemiarthroplasty for elbow fracture demonstration

"Elbow Reconstruction: Arthroscopy, Instability and Arthroplasty", OLC, Rosemont, IL, October 2004.

Advanced Surgical Skills. "The Unstable Elbow" Mayo Clinic, Rochester, Minnesota, May 2004.

"Shoulder and Elbow: The Essentials" OLC, Rosemont, IL, October 2003.

Becoming a Giant: Mastering Advanced Techniques in the Upper Limb. American Society for Surgery of the Hand 58th Annual Meeting. Rosemont, IL, September 2003.

Advanced Surgical Skills, "Elbow Arthritis-Total Elbow Arthroplasty". Mayo Clinic, Rochester, Minnesota, May 2003.

"Elbow Arthroscopy, Fractures, Instability, and Stiffness", OLC, Rosemont, IL, December 2002.

Shoulder and Elbow Cadaver Instruction, OLC, Rosemont, IL, October 2002

Advanced Surgical Skills, "Elbow Arthroscopy". Mayo Clinic, Rochester, Minnesota, May 2002.

Summer Institute 2001. Course #504: "Reconstructive Surgery of the Elbow: A Technique Based Perspective." American Academy of Orthopedic Surgeons. San Diego, California, September 2001.

Advanced Surgical Skills, "The Stiff Elbow". Mayo Clinic, Rochester, Minnesota, May 2001.

"The Elbow: Reconstruction, Fixation and Trauma Management." OLC, Rosemont IL, November 2000.

Advanced Surgical Skills. "Elbow Trauma", Mayo Clinic, Rochester, Minnesota, May 2000.

Advanced Surgical Skills. "The Unstable Elbow" Mayo Clinic, Rochester, Minnesota, May 1999.

Academy of Orthopedic Surgeons. San Diego, California, September 2001.

Management of Complex Elbow Trauma. Challenging Upper Extremity Injuries: Acute to Chronic. American Society of Hand Therapists, Milwaukee Wisconsin, May 2001.

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## MEMBERSHIP

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American Academy of Orthopaedic Surgeons

American Shoulder and Elbow Society

American Society for Surgery of the Hand

Wisconsin Orthopedic Society

Wisconsin Medical Society

Mayo Elbow Club

Carroll Hand Club