



## 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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2016-Present	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

## HONORS & AWARDS

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2014-2017	America's Top Doctors - Castle Connolly Medical LTD.
2015-2017	Milwaukee Magazine Top Doctor listing
2014-2017	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 epitenon-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 JOURNALS

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- 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.
- 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 epitenon-first technique for flexor tendon repair. J. Hand Surg. 20A: 2 pp. 261-66, 1995.

## PUBLICATIONS TEXTBOOK CHAPTERS

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- Papandrea, RF and King, JC. Persistent Elbow Instability. In The Elbow and Its Disorders Ed. Morrey BF. 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 Eds. Duncan, Scott F.F. and Kakinoki, R. 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 Ed. Morrey BF. 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". Ed Hausman, M, Mallon, W., 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 Ed. Duncan, Scott F.M. Springer, 2012
- Papandrea RF. Hemiarthroplasty of the Distal Humerus. In Operative Techniques: Shoulder and Elbow Surgery Eds. Lee DH and Neviaser R. Saunders Elsevier, 2011.
- Papandrea RF. Radiocapitellar Replacement. In Operative Techniques: Shoulder and Elbow Surgery Eds. Lee DH and Neviaser R. Saunders Elsevier, 2011.
- Papandrea RF and Evans P. Resurfacing Elbow Replacement Arthroplasty. In Arthritis & Arthroplasty: The Hand, Wrist and Elbow Eds. Chhabra AB and Isaacs JE. Saunders Elsevier, 2010.
- Papandrea RF. Elbow Arthroplasty: Surgical Technique. In Orthopaedic Surgery Essentials: Adult Reconstruction Eds. Berry DJ, Steinman SP. Lippincott Williams & Wilkins, 2007.
- Papandrea RF. Two-Incision Distal Biceps Repair. In Advanced Reconstruction: Elbow Eds. Yamaguchi K, King GJW, McKee MD, O'Driscoll SWM. AAOS, 2007.
- Seitz WH Jr and Papandrea RF: Fractures and Dislocations in the Wrist. In Rockwood & Green's Fractures in Adults, 5<sup>th</sup> 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. Ed. Saffar, Foucher, Amadio. Martin Dunitz, London, 1997.

## GROUP AUTHORSHIP SCIENCE OF VARIATION GROUP (SVOG)

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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.jhsa.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.L.00586
- Interobserver reliability of computed tomography to diagnose scaphoid waist fracture union. J Hand Surg (Am), pp 250-4, 2012, DOI: 10.1016/j.jhsa.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.
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## PRESENTATIONS

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- 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.
- 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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- 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 Tendonopathies. 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.

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. Exactec Surgeon Meeting. Minneapolis, MN. May, 2013.

Advances in Reverse Total Shoulders: Outcomes, Complications and Surgical Pearls. Exactec 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. Exactec Surgeon Meeting. Salt Lake City, UT, January, 2012.

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

Proximal Humeral Fracture Treatment. United Kingdom Exactec 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.

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, "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.

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