

**J. MICHAEL WIATER, MD, FAOA, FAAOS**  
Oakland University William Beaumont School of Medicine  
Department of Orthopaedic Surgery  
J.Michael.Wiater@beaumont.edu

4 May 2021

**Hospital Address**

Beaumont Health System  
3601 West Thirteen Mile Road  
Royal Oak, MI 48073

**Medical Office Address**

Michigan Orthopedic Surgeons  
17877 West Fourteen Mile Road  
Beverly Hills, MI, 48025  
(248) 644-3920

**Orthopaedic Administration**

3535 West Thirteen Mile Road, Suite 744  
Royal Oak, MI 48073  
(248) 551-1852

**EDUCATION AND TRAINING**

1981 - 1985

**with honors**

Brother Rice High School  
Birmingham, MI  
August 1981-May 1985

1985 - 1989

**Bachelor of Arts, cum laude**

University of Notre Dame  
Notre Dame, IN  
Anthropology and Preprofessional Studies Majors  
August 1985 - May 1989

1989 - 1993

University of Michigan Medical School  
Ann Arbor, MI  
M.D. Degree  
August 1989-June 1993

## ***Postdoctoral Training***

- 1993 - 1994 Internship in General Surgery  
Department of Surgery  
University of Michigan  
Ann Arbor, MI  
Director: Lazar J. Greenfield, MD  
July 1, 1993 – June 30, 1994
- 1994 - 1997 Residency in Orthopaedic Surgery  
Section of Orthopaedic Surgery  
Department of Surgery  
University of Michigan  
Ann Arbor, MI  
Director: Robert N. Hensinger, MD  
July 1, 1994 – June 30, 1997
- 1997 - 1998 Chief Resident in Orthopaedic Surgery  
Section of Orthopaedic Surgery  
Department of Surgery  
University of Michigan  
Ann Arbor, MI  
Director: Robert N. Hensinger, MD  
July 1, 1997 – June 30, 1998
- 1998 - 1999 Charles S. Neer II Fellowship in Shoulder and Elbow  
Surgery  
Columbia University College of Physicians and Surgeons  
New York Orthopaedic Hospital  
New York Presbyterian Hospital  
New York, NY  
Director: Louis U. Bigliani, MD  
July 1, 1998 - June 30, 1999
- 1999 Visiting Clinician in Elbow Surgery  
Department of Orthopaedic Surgery  
Mayo Clinic  
Rochester, MN  
Directors: Bernard F. Morrey, MD and Shawn W. O'Driscoll  
MD  
August 23 – October 1, 1999

## LICENSURES AND CERTIFICATIONS

### *Medical Board Certification*

- 1991 NBME Comprehensive Part I  
Pass, 220, 83<sup>rd</sup> percentile  
June, 1991
- 1994 NBME Part III  
Pass, 480  
March, 1994
- 1994 Diplomate, National Board of Medical Examiners of the  
United States of America  
Certificate No. 433268

### *Orthopaedic Board Certification*

- 2001 Diplomate, American Board of Orthopaedic Surgery  
Part I (written) examination on July 17, 1998  
Pass  
Percentile Rank: 81  
Percent-Correct Score: 77.5  
Part II (oral) examination on July 12, 2001, Pass  
Certified 7/12/2001 – 12/31/2011
- 2007, 2016 Subspecialty Certificate in Orthopaedic Sports Medicine  
American Board of Orthopaedic Surgery  
Written examination  
Pass  
Valid 11/09/2007 to 12/31/2017  
Recertified Subspecialty Certification in Orthopaedic Sports  
Medicine 01/01/2018 through 12/31/2027
- 2009 Diplomate, American Board of Orthopaedic Surgery  
Passed, 2009 Oral Recertification Examination on July  
20, 2009  
Valid 01/01/2012 through 12/31/2021  
Recertified through 12/31/2021

## **ACADEMIC, ADMINISTRATIVE, CLINICAL, PROFESSIONAL POSITIONS**

### ***Academic Positions***

- 2009 – 2015 Associate Professor of Orthopaedic Surgery  
Oakland University-William Beaumont School of Medicine  
Rochester, MI
- 2015 – present Professor of Orthopaedic Surgery  
Oakland University-William Beaumont School of Medicine  
Rochester, MI

### ***Administrative Positions***

- 2004 – present Chief of Shoulder Surgery  
Department of Orthopaedic Surgery  
William Beaumont Hospital  
Royal Oak, MI  
Beaumont Health System
- 2009 – present Program Director, Fellowship in Shoulder and Elbow  
Surgery  
Department of Orthopaedic Surgery  
Beaumont Health System  
Royal Oak, MI
- 2012 – 2013 Associate Program Director  
Orthopaedic Surgery Residency  
Department of Orthopaedic Surgery  
Beaumont Health System  
Royal Oak, MI
- 2013 – 2020 Program Director  
Orthopaedic Surgery Residency  
Department of Orthopaedic Surgery  
Beaumont Health System  
Royal Oak, MI
- 2014 – present Vice Chairman  
Department of Orthopaedic Surgery  
Beaumont Health System  
Royal Oak, MI

2020 - present      Chair  
Committee on Appointments, Promotion, & Tenure (CAPT)  
Oakland University William Beaumont School of Medicine

***Clinical Positions***

1998 – 1999      Clinical Fellow, Shoulder Surgery  
Department of Orthopaedic Surgery  
New York Orthopaedic Hospital  
Columbia University College of Physicians and Surgeons  
New York, NY

1999 – 2003      Associate Attending Staff, Surgical Services  
Department of Orthopaedic Surgery  
William Beaumont Hospital  
Royal Oak, MI

2000 – 2002      Team Physician  
Birmingham Seaholm High School  
Birmingham, MI

2003 – present    Attending Staff, Surgical Services  
Department of Orthopaedic Surgery  
William Beaumont Hospital  
Royal Oak, MI  
Beaumont Health System

2004 – present    Chief of Shoulder Surgery  
Department of Orthopaedic Surgery  
William Beaumont Hospital  
Royal Oak, MI  
Beaumont Health System

2009 – present    Program Director, Fellowship in Shoulder and Elbow  
Surgery  
Department of Orthopaedic Surgery  
Beaumont Health System  
Royal Oak, MI

2012 – 2013      Associate Program Director  
Orthopaedic Surgery Residency  
Department of Orthopaedic Surgery

	Beaumont Health System Royal Oak, MI
2013 – 2020	Program Director Orthopaedic Surgery Residency Department of Orthopaedic Surgery Beaumont Health System Royal Oak, MI
2017 – present	Active medical staff Beaumont-Taylor Taylor, MI

***Professional Positions***

1994 – 1995	Resident Selection Committee Section of Orthopaedic Surgery Department of Surgery University of Michigan Ann Arbor, MI
1995 – 1996	Resident Selection Committee Section of Orthopaedic Surgery Department of Surgery University of Michigan Ann Arbor, MI
1999 – 2009	Resident Selection Committee Department of Orthopaedic Surgery William Beaumont Hospital Royal Oak, MI
2002 – 2003	Exhibitor Chair 2003 Annual Scientific Meeting Michigan Orthopaedic Society
2003	OR Block Time Committee Department of Orthopaedic Surgery William Beaumont Hospital Royal Oak, MI
2003 – 2004	Membership Chair Michigan Orthopaedic Society
2004 – 2005	Exhibitor Chair 2005 Annual Scientific Meeting, Michigan Orthopaedic Society

2005 – 2009	Resident Education Committee Department of Orthopaedic Surgery William Beaumont Hospital Royal Oak, MI
2005 – 2006	Contributor and Author American Academy of Orthopaedic Surgeons Patient Education Web Site Content Development Project Team <i>Your Orthopaedic Connection</i> “Shoulder Joint Replacement”
2005 – 2006	Program Chair Michigan Orthopaedic Society
2006 – 2007	Legislative Committee Chair Michigan Orthopaedic Society
2006 – 2014	Continuing Education Committee American Shoulder and Elbow Surgeons
2007 – 2009	South Tower OR Committee Surgical Services William Beaumont Hospital Royal Oak, MI
2007 – 2009	Steering Committee Beaumont Sports Medicine Center William Beaumont Hospital Royal Oak, MI
2007 – 2009	Board of managers Beaumont Sports Medicine Center William Beaumont Hospital Royal Oak, MI
2007 – present	Nominating Committee William Beaumont Hospital Royal Oak, MI
2007 – 2010	Antibiotic Committee William Beaumont Hospital Royal Oak, MI

2008 – 2010	American Academy of Orthopaedic Surgeons Total Shoulder Arthroplasty Guideline Development Work Group, #6511-5851
2009 – 2015	American Academy of Orthopaedic Surgeons <i>OrthoInfo</i> Liaison <i>OrthoInfo</i> Ad Hoc Committee Continuing Education Committee American Shoulder and Elbow Surgeons
2009 – 2010	Education Committee Michigan Orthopaedic Society
2009 – present	Graduate Medical Education Committee Beaumont Health System
2009 – present	Program Evaluation Committee Orthopaedic Surgery Residency Program Department of Orthopaedic Surgery Beaumont Health System Royal Oak, MI
2010 – 2013	Scientific Advisory Board Eleven Blade Solutions, Inc. Acquired by ArthroCare January 2013
2010 – present	Program Evaluation Committee Orthopaedic Surgery Fellowship Programs Department of Orthopaedic Surgery Beaumont Health System Royal Oak, MI
2010 – 2014	Oral Examiner American Board of Orthopaedic Surgery
2011	Abstract review committee 41 <sup>st</sup> Annual William Beaumont Hospital 2011 Residents' and Fellows' Research Forum. Troy, MI, June 8, 2011.
2011 – 2012	American Shoulder and Elbow Surgeons 2012 Open Meeting Program Committee
2012	Program committee 42 <sup>nd</sup> Annual Beaumont Health System Research Institute 2012 Residents' and Fellows' Research Forum



2012 – 2015	Departmental Committee on Appointments, Promotion, & Tenure (D-CAPT) Department of Orthopaedic Surgery Oakland University William Beaumont School of Medicine
2013 – 2017	Multimedia Education Committee American Academy of Orthopaedic Surgery
2013 – present	Clinical Competency Committee Orthopaedic Surgery Residency Program Department of Orthopaedic Surgery Beaumont Health System Royal Oak, MI
2014 – present	Vice Chairman Department of Orthopaedic Surgery Beaumont Health System Royal Oak, MI
2014 – 2017	Committee on Committees Oakland University William Beaumont School of Medicine 3-year Term
2014 – 2015	Medical Technology / Device Committee Surgical Services Beaumont Health System Royal Oak, MI
2014 – 2015	Chair Departmental Committee on Appointments, Promotion, & Tenure (D-CAPT) Department of Orthopaedic Surgery Oakland University William Beaumont School of Medicine
2015- 2018	Research Committee American Shoulder and Elbow Surgeons
2015 – 2021	Committee on Appointments, Promotion, & Tenure (CAPT) Oakland University William Beaumont School of Medicine
2016	Orthopaedic & Spine Service Ad Hoc Task Force Department of Orthopaedic Surgery Beaumont Health
2017 – 2020	Committee on Committees

	Oakland University William Beaumont School of Medicine 3-year Term
2017 – present	Fellowship Program Review Committee American Shoulder and Elbow Surgeons
2018 – present	Vice Chair Beaumont Health – Royal Oak, Department of Orthopedic Surgery research protocol review committee

***Employment***

1987 – 1988	Physical therapy aide Physical Therapy Specialists, PC, Troy, MI
1996 – 1998	Orthopaedic surgery consultant University of Michigan Student Health Services, Ann Arbor, MI
1997 – 1998	Orthopaedic surgery independent contractor Emergency Physicians Medical Group, PC, 2000 Green Road, Ann Arbor, MI 48105-1571
2008 – present	Medical Director Team Rehabilitation SF, LLC Royal Oak, MI
2009 – present	Medical Director Orthopaedic Manual Physical Therapy, Inc. Troy, MI
2010 – 2011	Medical Director Physical Therapy Specialists, PC Troy, MI
2012-2013	Medical Director Complete Fitness Rehabilitation, Inc. Clinton Township, MI

## PROFESSIONAL MEMBERSHIPS

1989 – present	Phi Rho Sigma Medical Fraternity
1995 – 2003	Candidate Member American Academy of Orthopaedic Surgeons Rosemont, IL
1995 – present	Active member University of Notre Dame Orthopaedic Society Notre Dame, IN
1998 – present	Active member University of Michigan Orthopaedic Society Ann Arbor, MI June 30, 1998
1999 – 2009	Medical Advisory Board Beverly Hills Club Beverly Hills, MI
1999 – present	Active member Beaumont Physicians Group Royal Oak, Inc. Royal Oak, MI May 14, 1999
1999 – present	Active member New York Orthopaedic Hospital Alumni Association New York, NY June 30, 1999
1999 – present	Active member Oakland County Medical Society Birmingham, MI August 16, 1999
1999 – present	Active Member Michigan State Medical Society Lansing, MI August 16, 1999
1999 – present	Active Member Columbia Shoulder Society New York, NY June 30, 1999

2000 – present	Inaugural Member Mayo Elbow Club Rochester, MN June 8, 2000
2000 – present	Active Member Michigan Orthopaedic Society
2001 – present	Active Member Beaumont Society
2001 – 2002	Program Director Detroit Academy of Orthopaedic Surgeons Detroit, MI
2002 – present	Board of Directors Michigan Orthopaedic Society
2002 – 2004	Secretary Detroit Academy of Orthopaedic Surgeons Detroit, MI
2002 – 2013	Founder and Moderator Shoulder Study Group Michigan Orthopaedic Society
2003 – present	Fellow American Academy of Orthopaedic Surgeons Rosemont, IL February 5, 2003
2004 – 2005	Vice President Detroit Academy of Orthopaedic Surgeons Detroit, MI
2005 – 2006	President Detroit Academy of Orthopaedic Surgeons Detroit, MI
2005 – 2006	2 <sup>nd</sup> Vice President Michigan Orthopaedic Society
2005 – 2008	Associate Member American Shoulder and Elbow Surgeons

2006 – 2007	1 <sup>st</sup> Vice President Michigan Orthopaedic Society
2007 – 2008	President Michigan Orthopaedic Society
2007 – present	Active Member American Orthopaedic Association
2008 – present	Active Member American Shoulder and Elbow Surgeons
2010 – present	Oral Examiner American Board of Orthopaedic Surgery
2012 - present	Founding Member Visionary Research Society Orthopaedic Research and Education Foundation

## **AWARDS AND HONORS**

### ***Professional Awards and Honors***

1999	Finalist for 1999 Richard O'Connor Research Award for excellence in clinical research: Miller MD, Acherboim M, <b>Wiater JM</b> , Levine WN, Pollock RG, Flatow EL, Bigliani LU. Arthroscopic treatment of anterosuperior shoulder pain in teenage athletes. Arthroscopy Association of North America 18 <sup>th</sup> Annual Meeting, Vancouver BC, Canada, April 15-18, 1999.
2007	Fellow of the American Orthopaedic Association
2008	Elected 2008 President of the Alumni Society of the University of Michigan Department of Orthopaedic Surgery.
2008	Second place award Best Resident research, 38 <sup>th</sup> Annual William Beaumont Hospital 2008 Annual Residents' and Fellows' Research Forum: Kempton L, <b>Wiater JM</b> . A prospective study comparing scapular notching in reverse total shoulder arthroplasty with glenospheres placed in

neutral alignment vs. inferior tilt. William Beaumont Hospital, Royal Oak, MI, June 11, 2008.

- 2010 First place award as best shoulder research poster. Nolan EM, Baker E, **Wiater JM**. Radiographic and damage mode analyses of retrieved reverse total shoulder arthroplasty systems. Orthopaedic Research Society 56th Annual Meeting, New Orleans, LA, March 6-9, 2010.
- 2010 First place award, Detroit Academy of Orthopaedic Surgeons Annual Resident Research Day, Troy, MI, May 10, 2010. Vaupel Z, Mangla J, Baker KC, **Wiater JM**. A preliminary report on the influence of glenosphere design features on the polyethylene wear of reverse total shoulder arthroplasty systems: An in vitro wear simulation.
- 2010 Third place award Best Resident Research, 40<sup>th</sup> Annual William Beaumont Hospital 2010 Annual Residents' and Fellows' Research Forum: Vaupel Z, Mangla J, Baker KC, **Wiater JM**. A preliminary report on the influence of glenosphere design features on the polyethylene wear of reverse total shoulder arthroplasty systems: An in vitro wear simulation. Troy, MI, June 9, 2010.
- 2011 For best presentation by a fellow: The Norman H. Horowitz Award. Budge MD, Kurdziel MD, Baker KC, **Wiater JM**. Biomechanical comparison of three fixation methods of porous tantalum backed glenoid components. 41<sup>st</sup> Annual William Beaumont Hospital 2011 Residents' and Fellows' Research Forum. Troy, MI, June 8, 2011.
- 2012 2012 recipient of Stanko Stanisavljevic, MD **Teacher of the Year Award**, as selected by the graduating orthopaedic surgery residents of the Beaumont Health System Orthopaedic Surgery Residency, Birmingham, MI, June 1, 2012.
- 2012 Second Place Award, Fellows' Platform Presentation. Moravek J, Baker K, Kurziel M, **Wiater JM**. Biomechanic characterization of an all-polyethylene anchor peg glenoid component loosening. 42<sup>nd</sup> Annual Beaumont Health System Research Institute 2012 Residents' and Fellows' Research Forum, Royal Oak, MI, June 13, 2012.

- 2012 Castle Connelly Top Doctor
- 2013 Voted one of Top 40 “Emerging Leaders in Total Joint Replacement: Generation Next”, in recognition of being selected as a promising surgeon in the field of joint replacement, by Orthopedics Today, sponsored by DePuy-Synthes Joint Reconstruction, Chicago, IL, March 20, 2013
- 2013 Second Place Residents Podium Presentation Award. Ackerman J, Sharma V, Kurdziel M, Baker KC, **Wiater JM**, Sabesan VJ. Glenohumeral mismatch affects micromotion of cemented glenoid components in total shoulder arthroplasty. Beaumont Health System Research Institute 43<sup>rd</sup> Annual Residents’ and Fellows’ Research Forum, Royal Oak, MI, June 5, 2013.
- 2013 Castle Connelly Top Doctor
- 2014 Nominated for the Neer Award for Best Clinical Research. Wiater BP, Moravek JE, Baker EA, Salisbury MR, Koueiter D, Pinkas D, Wiater JM. Elucidating trends in revision reverse total shoulder arthroplasty: A retrieval study evaluating clinical, radiographic, and functional outcomes data. American Shoulder and Elbow Surgeons Open Meeting, New Orleans, LA, March 15, 2014.
- 2014 Second Place Poster Presentation Award. Carpenter S, Wiater BP, Koueiter D, Marcantonio D, **Wiater JM**. Influence of Body Mass Index on Clinical Outcomes in Reverse Total Shoulder Arthroplasty. Southeast Michigan Center for Continuing Medical Education Research Forum and Meadowbrook Lecture, Rochester, MI. May 28, 2014.
- 2014 Castle Connelly Top Doctor
- 2015 *Hour Detroit* magazine’s **Top Docs**
- 2015 Castle Connelly Top Doctor
- 2016 *First place poster award.* Vara A, Koueiter D, Wiater BP, **Wiater JM**. Intravenous tranexamic acid reduces blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. Beaumont

Health 46<sup>th</sup> Annual Resident/Fellow Research Forum,  
Royal Oak , MI. 24 May 2016.

- 2016 *First place poster award.* Vara A, Kouierter D, Wiater BP, **Wiater JM.** Intravenous tranexamic acid reduces blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. 2016 SEMCME Research Forum & Meadowbrook Lecture, Rochester, MI. 25 May 2016.
- 2016 Journal of Bone and Joint Surgery Elite Reviewers Program, awarded in recognition of outstanding quality of reviews, low invitation-decline rate, and exceptional turnaround time.
- 2016 Castle Connolly Top Doctor
- 2016 *Hour Detroit* magazine's **Top Docs**
- 2017 *Senior Achievement Award*  
In recognition of continued outstanding contributions to the profession of orthopaedic surgery.  
American Academy of Orthopaedic Surgeons
- 2017 *Neer Award.* Basic science category. Haggart JR, Newton MD, Ho A, Hartner S, Baker KC, Kurdziel MD, **Wiater JM.** Wear rates of 32 mm and 40 mm glenospheres in a reverse total shoulder arthroplasty in vitro wear simulation model. American Shoulder and Elbow Surgeons 2017 Specialty Day Meeting, San Diego, CA, March 18, 2017.
- 2017 *Dallas B. Phemister, MD Physician-in-Training Award.* \$1000. Vara A, Kouierter D, Wiater BP, **Wiater JM.** Intravenous tranexamic acid reduces blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. 2017 Mid-America Orthopaedic Association 35<sup>th</sup> Annual Meeting, Amelia Island, FL, April 19-23, 2017.
- 2017 *Best Resident Paper Award.* Shields EJ, Kouierter D, Maerz T, Schwark A, **Wiater JM:** Previous rotator cuff repair is associated with inferior outcomes after reverse total shoulder arthroplasty. Michigan Orthopaedic Society



Annual Scientific Meeting, Mackinac Island, MI, June 16-18, 2017.

- 2017 Castle Connelly Top Doctor
- 2018 *2018 Charles Townley, MD Endowed Resident Research First Place Award.* Vara A, Kouierter D, Wiater BP, **Wiater JM.** Intravenous tranexamic acid reduces blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. Dr. Harold M. Frost Memorial Lecture, Henry Ford Health System, Department of Orthopaedic Surgery, Detroit, MI, June 18, 2019.
- 2018 Castle Connelly Top Doctor
- 2019 Castle Connelly Top Doctor
- 2020 Castle Connelly Top Doctor
- 2021 Castle Connelly Top Doctor

### ***Medical School Awards and Honors***

Basic Science Honors in: Gross Human Anatomy, Introduction to Clinical Sciences, Histology, Human Genetics, Neural and Behavioral Sciences 500, Physiology, Microbiology, Neural and Behavioral Sciences 600

Clinical Honors in: Orthopaedic Surgery, General Surgery, Plastic Surgery, Anesthesiology, Dermatology, Radiology

### ***Undergraduate Awards and Honors***

Alpha Epsilon Delta Premedical Honor Society  
1988-89 Historian of the Indiana Gamma Chapter

Lambda Alpha Anthropology Honor Society

Dean's List Fall '86, Spring '87, Fall '87, Spring '88, Fall '88, Spring '89

1985 Notre Dame Scholar

University of Notre Dame Boxing Club undefeated cruiserweight 1987-88

### ***High School Awards and Honors***

Phi Beta Kappa

National Honor Society

1985 Track Scholar-Athlete Award

1984 Soccer Scholar-Athlete Award

1985 Operation Friendship Detroit Public School League-Catholic School League Soccer Award

## **PROFESSIONAL/FACULTY DEVELOPMENT**

American Shoulder and Elbow Surgeons Annual Fellowship Directors Meeting, New Orleans, March 13, 2010.

Southeast Michigan Center for Medical Education Faculty Development Series, *Knowledge organization, diagnostic reasoning, and constructing an environment that values handoffs*. Bordage G, Lypton M. Providence Hospital, Southfield MI, October 1, 2010.

Beaumont Development Series, *Crossing the quality chasm: The art and science of quality improvement and patient safety*. Flander S. Troy, MI, December 9, 2010.

American Academy of Orthopaedic Surgeons 2011 Annual Meeting, Instructional Course Lecture, *CME faculty development: Developing teaching skills to enhance learning*. San Diego, CA, February 15, 2011.

American Academy of Orthopaedic Surgeons 2011 Annual Meeting, Instructional Course Lecture, *Statistics made easy! Practical tips for critical evaluation and conduct of clinical research*, San Diego, CA, February 16, 2011.

American Shoulder and Elbow Surgeons Annual Fellowship Directors Meeting, San Diego, February 19, 2011.

American Orthopaedic Association Council of Orthopaedic Residency Directors Annual Member Conference, Boston, MA, June 24, 2011.

JM Wiater, MD

4 May 2021

18

Completed On-line American Orthopaedic Association Council of Orthopaedic Residency Directors Mentorship Course.

[http://www.aoassn.org/programs/council-of-orthopaedic-residency-directors-\(cord\)/cord-members-only/mentorship-course.aspx](http://www.aoassn.org/programs/council-of-orthopaedic-residency-directors-(cord)/cord-members-only/mentorship-course.aspx), October 1, 2011.

American Academy of Orthopaedic Surgeons 2012 Annual Meeting, Symposium, *Orthopaedic resident education 2012: It's a whole new ballgame*, San Francisco, CA, February 7-11, 2012.

American Academy of Orthopaedic Surgeons 2012 Annual Meeting, Instructional Course Lecture, *Orthopaedic residency education: A practical guide to selection, training, and evaluation*, San Francisco, CA, February 7-11, 2012.

The Next Accreditation System of the ACGME and the Sponsor Site Visit Program: Clinical Learning Environment Review (CLER). Nasca TJ. William M. Davidson Lecture in Medical Education, Oakland University William Beaumont School of Medicine, Royal Oak, MI, May 23, 2012.

Professionalism, Social Contracts, and the Responsibilities of America's Medical Educators and the ACGME. Nasca TJ. William M. Davidson Lecture in Medical Education, Oakland University William Beaumont School of Medicine, Birmingham, MI, May 23, 2012.

Educating 21<sup>st</sup> Century Physicians: The Mandate to Teach Professionalism. Skeff, K. William M. Davidson Lecture in Medical Education, Oakland University William Beaumont School of Medicine, Birmingham, MI, May 23, 2012.

The Next Accreditation System: Ready or Not Here It Comes! Musich JR, Joyce B, Shreve M. Southeast Michigan Center for Medical Education 2012-13 Faculty Development Series, Navigating Your Way Through the Upcoming Changes in Medical Education, Grosse Pointe Farms, MI, November 9, 2012.

Competenglish: Making Sense of Competency-Based Medical Education, Milestones, and the Next Accreditation System. Baker-Genaw K, Caverzagie K. Southeast Michigan Center for Medical Education 2012-13 Faculty Development Series, Navigating Your Way through the Upcoming Changes in Medical Education, Grosse Pointe Farms, MI, January 25, 2013.

Changing the surgical education paradigm: How do you teach someone to have the skills of an orthopaedic surgeon? Symposium, American Academy of Orthopaedic Surgeons 2013 Annual Meeting, Chicago, IL, March 22, 2013.

American Orthopaedic Association Council of Orthopaedic Residency Directors 2013 Annual Member Conference, Chicago, IL, March 22, 2013.

American Orthopaedic Association Leadership Immersion Series: Power, Influence & Persuasion. University of Chicago Booth School of Business, Chicago, IL. February 7-8, 2014.

Promoting Professional Accountability: Dealing with Behaviors that Undermine a Culture of Safety. Oakland University William Beaumont School of Medicine. Birmingham, MI. May 5, 2015.

Enacting leadership: For mid-career and new faculty leaders in academic medicine. Fourth annual William Davidson Medical Education Week. Royal Oak, MI. May 18, 2015.

Professionalism, Entitlement Mentality, and Millennial Learners: The Good, The Bad, and The Challenge. Medio FJ, Misra S. Southeast Michigan Center for Medical Education 2016 Faculty Development Series. *Strengthening Your Inner Teacher: Taking What You Do Daily to the Aspirational Level*. Dearborn, MI, September 23, 2016.

American Orthopaedic Association, Council of Orthopaedic Residency Directors, 2017 Spring Conference, San Diego, CA, March 17, 2017.

American Orthopaedic Association, Council of Orthopaedic Residency Directors, 2017 Spring eConference, March 24, 2020.

Pearls for fellowship programs on virtual interviewing webinar, American Academy of Orthopaedic Surgeons Board of Specialties Societies Fellowship Committee, October 5, 2020.

## **PUBLICATIONS**

### ***Scientific Peer-Reviewed Print and Online Open Access Publications***

**Wiater JM**, King JC, Louis DS, Smith J. Melorheostosis of the hand: A comprehensive review. *Hand Surgery*, 3(1):127-130, 1998.

**Wiater JM**, Farley FA. Popliteal pseudoaneurysm caused by an adjacent osteochondroma: A case report and review of the literature. *Am J Orthop*, 28: 412-416, 1999.

**Wiater JM**, Flatow EL. Long thoracic nerve injury. *Clin Orthop*, 368:5-16, 1999.

**Wiater JM**, Bigliani LU. Spinal accessory nerve injury. *Clin Orthop*, 368:17-27, 1999.

Zawadsky M, Marra G, **Wiater JM**, Levine WN, Pollock RG, Flatow EL, Bigliani LU. Osteolysis of the distal clavicle: Long term results of arthroscopic resection. *Arthroscopy*, 16: 600-605, 2000.

**Wiater JM**, Flatow EL. Posttraumatic arthritis. *Orthop Clin North Am*, 31:63-76, 2000.

Stein BE, **Wiater JM**, Pfaff HC, Bigliani LU, Levine WN. Detection of acromioclavicular joint pathology in asymptomatic shoulders with magnetic resonance imaging. *J Shoulder Elbow Surg*, 10:204-208, 2001.

Sugalski MT, **Wiater JM**, Bigliani LU, Levine WN. Coracobrachialis brevis: Anatomic anomaly. *J Shoulder Elbow Surg*, 12:306-307, 2003.

Placzek, JD, Roubal PJ, Kulig K, Pagett BT, **Wiater JM**. Theory and technique of translational manipulation for adhesive capsulitis. *Am J Orthop*, 33:173-179, 2004

Placzek JD, Lukens SC, Badalamenti S, Roubal PJ, Freeman DC, Walleman KM, Parrott A, **Wiater JM**. Shoulder outcome measures: A comparison of six functional tests. *Am J Sports Med*, 32:1270-7, 2004.

Placzek JD, Freeman DC, Lukens SC, Badalamenti S, Roubal PJ, **Wiater JM**. Predicting shoulder strength using allometry: Implications for shoulder outcomes assessments. *J Orthop Res*, 22:884-8, 2004.

Sobol G, **Wiater JM**. Nonprosthetic management of elbow arthritis. *Curr Opin Orthop*, 15:295-299, 2004.

Sugalski MT, **Wiater JM**, Levine WN, Bigliani LU. An anatomic study of the humeral insertion of the inferior glenohumeral capsule. *J Shoulder Elbow Surg*, 14:91-95, 2005.

**Wiater JM**, Vibert B. Glenohumeral joint volume reduction with progressive release and shift of the inferior shoulder capsule. *J Shoulder Elbow Surg*, 16:810-814, 2008.

**Wiater JM**, Fabing MH: Shoulder arthroplasty: Options and indications. *J Amer Acad Orthop Surg*, 17:415-425, 2009.

Izquierdo R, Voloshin I, Edwards S, Freehill M, Stanwood W, **Wiater JM**, Watters WC III, Goldberg MJ, Keith M, Turkelson CM, Wies JL, Anderson S, Boyer K, Raymond L, Sluka P. American Academy of Orthopaedic Surgeons

JM Wiater, MD

4 May 2021

21

clinical practice guideline summary: Treatment of glenohumeral osteoarthritis. *J Amer Acad Orthop Surg*, 18:375-382, 2010.

Nolan EM, Ankerson E, **Wiater JM**. Reverse total shoulder arthroplasty improves function in cuff tear arthropathy. *Clin Orthop Relat Res*, 469:2476-2482, 2011.

Budge M, Nolan EM, **Wiater JM**. Lesser tuberosity osteotomy versus subscapularis tenotomy: Technique and rationale. In "Shoulder Arthroplasty - Lots of Choices in 2011," Ahmad CS, Levine WN, eds. *Operative Techniques in Orthopaedics*, 21:39-43, 2011.

Kempton LB, Balasubramaniam M, Ankerson E, **Wiater JM**. A radiographic analysis of the effects of prosthesis design on scapular notching following reverse total shoulder arthroplasty. *J Shoulder Elbow Surg*, 20:571-576, 2011. Epub 2010 Dec 16.

Izquierdo R, Voloshin I, Edwards S, Freehill MQ, Stanwood W, **Wiater JM**, Watters WC III, Goldberg MJ, Keith M, Turkelson CM, Wies JL, Anderson S, Boyer K, Raymond L, Sluka P, Hitchcock K. American Academy of Orthopaedic Surgeons clinical practice guideline on: The treatment of glenohumeral osteoarthritis. *J Bone Joint Surg*, 93A; 203-205, 2011.

Kempton LD, Ankerson E, **Wiater JM**. A complication-based learning curve from 200 reverse shoulder arthroplasties. *Clin Orthop Rel Res*, 469:2496-2504, 2011.

Kempton LB, Balasubramaniam M, Ankerson E, **Wiater JM**. A radiographic analysis of the effect of glenosphere position on scapular notching following reverse total shoulder arthroplasty. *J Shoulder Elbow Surg*, 20(6):968-974, 2011. Doi 10.1016/j.jse.2010.11.026. Epub 2011 Mar 12.

Nolan EM, Kippe MA, **Wiater JM**, Nowinski GP. Surgical treatment of displaced proximal humerus fractures with a short intramedullary nail. *J Shoulder Elbow Surg*, 20:1241-1247, 2011 Mar 17. Epub 2011 Mar 21.

Vaupel ZM, Baker KC, Kurdziel MD, **Wiater JM**. Wear simulation of reverse total shoulder arthroplasty systems: Effect of glenosphere design. *J Shoulder Elbow Surg*. 2012 Oct;21(10):1422-9. doi: 10.1016/j.jse.2011.10.024. Epub 2012 Feb 24.

Moravek J, Budge MD, **Wiater JM**. Current concepts in subacromial impingement and the role of acromioplasty. *Shoulder & Elbow*. Volume 4, Issue 4, October 2012; 4: 244-254. DOI: 10.1111/j.1758-5740.2012.00205.x. Epub 14 Aug 2012.

Budge MD, Moravek J, Nolan EM, Zimel M, **Wiater JM**. Reverse total shoulder arthroplasty for the management of failed shoulder arthroplasty with proximal humeral bone loss. Is allograft augmentation necessary? *J Shoulder Elbow Surg*. 2013 Jun;22(6):739-44. doi: 10.1016/j.jse.2012.08.008. Epub 2012 Sep 28.

Budge MD, Nolan EM, Heisey MH, Baker K, **Wiater JM**. Results of total shoulder arthroplasty with a monoblock porous tantalum glenoid component: A prospective minimum 2-year follow-up study. *J Shoulder Elbow Surg*. 2013 Apr;22(4):535-41. doi: 10.1016/j.jse.2012.06.001. Epub 2012 Sep 6.wi

Budge MD, Kurdziel MD, Baker KC, **Wiater JM**. A biomechanical analysis of initial fixation options for porous tantalum-backed glenoid components. *J Shoulder Elbow Surg*. 2013 May;22(5):709-15. doi: 10.1016/j.jse.2012.07.001. Epub 2012 Sep 21.

Bogle A, Budge MD, Richman A, Miller RJ, **Wiater JM**, Voloshin I. Radiographic results of fully uncemented trabecular metal reverse shoulder system at one and two years follow-up. *J Shoulder Elbow Surg*. 2013 Apr; 22: e20-5. doi: 10.1016/j.jse.2012.08.019. [Epub 2012 Dec 12].

Osterman A, Spoor AB, van der Zwan AL, Shrivastava A, Wahegaonkar AL, Aida E, Aita MA, Castillo AP, Marcus A, Ladd A, Terrono AL, Gutow AP, Schmidt A, Wang AA, Eschler A, Miller AN, Wikerøy AK, Barquet A, Armstrong AD, van Vugt AB, Bedi A, Shyam AK, Mazzocca AD, Jubel A, Babst RH, Nolan BM, Arciero B, Bremer V, Bamberger B, Peterson BC, Crist BD, Cross BJ, Badman BL, Henley C, Ekholm C, Swigart C, Manke C, Zalavras C, Goldfarb CA, Cassidy C, Cornell C, Getz CL, Metzger C, Wilson C, Heiss C, Perrotto CJ, Wall CJ, Walsh CJ, Garnavos C, Jiang C, Lomita C, Torosian CM, Rikli DA, Whelan DB, Wascher DC, Hernandez D, Polatsch D, Beingessner D, Drosdowech D, Tate DE Jr, Hak D, Rowland DJ, Kalainov DM, Nelson D, Weiss D, McKee DM, van Deurzen DF, Endrizzi D, Erol K, Overbeck JP, Baer W, Schwab E, Maza ER, Harvey E, Rodriguez EK, Prelogger E, Schemitsch EH, Shin EK, Hofmeister EP, Kaplan TD, Beeres FJ, Suarez F, Fernandes CH, Cayón FE, Dolatowski FC, Martin F, Sierra FJ, Lopez-Gonzalez F, Walter F, Seibert FJ, Baumgaertel F, Frihagen F, Fuchs PC, Huemer GM, Kontakis G, Athwal GS, Dyer GS, Thomas G, Kohut G, Williams G, Hernandez GR, Caro GC, Garrigues G, Merrell G, DeSilva G, Della Rocca GJ, Regazzi G, de Azevedo GB, Ruggiero GM, Helling HJ, MccUtchan H, Goost H, Kreder HJ, Hasenboehler PM, Routman HD, van der Heide H, Kleinlugtenbelt I, McGraw I, Harris I, Ibrahim IM, Lin IC, Iossifidis A, Andrew J, Trenholm I, Goslings J, **Wiater JM**, Choueka J, Ahn J, Kellam J, Biert J, Pomerance J, Johnson JW, Greenberg JA, Yao J, Watson JT, Giuffre JL, Hall J, Park JY, Fischer J, Murachovsky J, Howlett J, McAuliffe J, Evans JP, Taras J, Braman J, Hobby JL, Rosenfeld J, Boretto J, Orbay J, Rubio J, Ortiz JA Jr, Abboud J, Conflitti JM, Vroemen JP, Adams J, Clarke JV, Kabir K, Chivers K, Prommersberger KJ, Segalman K, Lee K, Eng K, Chhor KS, Ponsen KJ, Jeray K,

JM Wiater, MD

4 May 2021

23

Marsh L, Poelhekke LM, Mica L, Borris LC, Halperin L, Weiss L, Benson L, Elmans L, de Mendonca LA Jr, Rocha L, Katolik L, Lattanza L, Taitsman L, Guenter L, Catalano L 3rd, Buendia LA, Austin LS, Palmer M, de Vries MR, Bronkhorst MW, Abdel-Ghany MI, Van de Sande MA, Swiontkowski M, Rizzo M, Lehnhardt M, Pirpiris M, Baratz M, Lazarus MD, Boyer M, Richardson M, Kastelec M, Mormino M, Budge MD, Turina M, Wood MM, Baskies M, Baumgaertner M, Behrman M, Hausman M, Jones M, LeCroy M, Moskal M, Nancollas M, Prayson M, Grafe MW, Kessler MW, Van den Bekerom MP, Mckee M, Merchant M, Tyllianakis M, Felipe NE, Chen NC, Saran N, Wilson N, Shortt NL, Schep N, Rossiter N, Lasanianos NG, Kanakaris N, Weiss ND, Harvey NM, van Eerten PV, Melvanki P, McCulloch PT, Martineau PA, Appleton P, Guidera P, Levin P, Giannoudis P, Evans PJ, Jebson P, Kloen P, Krause P, Brink PR, Peters JH, Blazar P, Streubel PN, Inna P, Prashanth S, Solanki PV, Wang Q, Quell M, Benafield R Jr, Haverlag R, Peters RW, Varma R, Nyszkiewicz R, Costanzo RM, de Bedout R, Ranade AS, Smith RM, Abrams R, Fricker RM, Omid R, Barth R, Buckley R, Jenkinson R, Gilbert RS, Page RS, Wallensten R, Zura RD, Feibel RJ, Gray RR, Tashijan R, Wagenmakers R, Pesantez R, van Riet R, Norlin R, Pfeifer R, Liem R, Kulick RG, Poolman RW, Shatford R, Klinefelter R, Calfee RP, Moghtaderi S, Sodha S, Sprujt S, Kakar S, Kaplan S, Duncan S, Kluge S, Rodriguez-Elizalde S, Checchia SL, Rowinski S, Dodds S, Hurwit S, Sprengel K, van der Stappen WA, Kronlage S, Belded S, Morgan SJ, Rhemrev SJ, Hilliard S, Gosens T, Sasaki T, Taleb C, Pritsch T, Tosounidis T, Wyrick T, DeCoster T, Dienstknecht T, Stackhouse TG, Hughes T, Wright T, Ly TV, Havenhill TG, Omara T, Siff T, McLaurin TM, Wanich T, Rueger JM, Vallim FC, Sabesan VJ, Nikolaou VS, Knoll VD, Telang V, Iyer VM, Jokhi V, Batson W, Willems W, Smith WR, Belangero WD, Wolkenfelt J, Weil Y. How surgeons make decisions when the evidence is inconclusive. *J Hand Surg Am.* 2013 Jun;38(6):1202-8. doi: 10.1016/j.jhsa.2013.02.032. Epub 2013 May 4.

Wiater BP, **Wiater JM**. Massive rotator cuff tears in young patients. *Minerva Ortopedica e Traumatologica.* 2013 August;64(4):395-409.

Wiater BP, Boone CR, Kempton LB, Koueiter DM, **Wiater JM**. Early outcomes of staged bilateral reverse total shoulder arthroplasty: A case-control study. *Bone Joint J.* 2013 Sep; 95-B (9):1232-8. doi: 10.1302/0301-620X.95B9.31445. PMID: 23997138[PubMed – indexed for MEDLINE].

**Wiater JM**, Moravek JE II, Budge MD, Koueiter D, Marcantonio D, Wiater BP. Clinical and radiographic results of cementless reverse total shoulder arthroplasty: A comparative study with two to five year follow-up. *J Shoulder Elbow Surg.* 2014 Aug;23(8):1208-14. Doi: 10.1016/j.jse.2013.11.032. Epub 2014 Feb 20. PMID: 24561176.

Neuhaus V, Bot AG, Guitton TG, Ring DC; Science of Variation Group, Abdel-Ghany MI, Abrams J, Abzug JM, Adolfsson LE, Balfour GW, Bamberger HB, Barquet A, Baskies M, Batson WA, Baxamusa T, Bayne GJ, Begue T, Behrman

JM Wiater, MD

4 May 2021

24



M, Beingessner D, Biert J, Bishop J, Alves MB, Boyer M, Brilej D, Brink PR, Brunton LM, Buckley R, Cagnone JC, Calfee RP, Campinhos LA, Cassidy C, Catalano L 3rd, Chivers K, Choudhari P, Cimerman M, Conflitti JM, Costanzo RM, Crist BD, Cross BJ, Dantuluri P, Darowish M, de Bedout R, DeCoster T, Dennison DG, DeNoble PH, DeSilva G, Dienstknecht T, Duncan SF, Duralde XA, Durchholz H, Egol K, Ekholm C, Elias N, Erickson JM, Esparza JD, Fernandes CH, Fischer TJ, Fischmeister M, Forigua Jaime E, Getz CL, Gilbert RS, Giordano V, Glaser DL, Gosens T, Grafe MW, Filho JE, Gray RR, Gulotta LV, Gummerson NW, Hammerberg EM, Harvey E, Haverlag R, Henry PD, Hobby JL, Hofmeister EP, Hughes T, Itamura J, Jebson P, Jenkinson R, Jeray K, Jones CM, Jones J, Jubel A, Kaar SG, Kabir K, Kaplan FT, Kennedy SA, Kessler MW, Kimball HL, Kloen P, Klostermann C, Kohut G, Kraan GA, Kristan A, Loebenberg MI, Malone KJ, Marsh L, Martineau PA, McAuliffe J, McGraw I, Mehta S, Merchant M, Metzger C, Meylaerts SA, Miller AN, Wolf JM, Murachovsky J, Murthi A, Nancollas M, Nolan BM, Omara T, Omara T, Ortiz JA, Overbeck JP, Castillo AP, Pesantez R, Polatsch D, Porcellini G, Prayson M, Quell M, Ragsdell MM, Reid JG, Reuver JM, Richard MJ, Richardson M, Rizzo M, Rowinski S, Rubio J, Guerrero CG, Satora W, Schandelmaier P, Scheer JH, Schmidt A, Schubkegel TA, Schulte LM, Schumer ED, Sears BW, Shafritz AB, Shortt NL, Siff T, Silva DM, Smith RM, Spruijt S, Stein JA, Pemovska ES, Streubel PN, Swigart C, Swiontkowski M, Thomas G, Tolo ET, Turina M, Tyllianakis M, van den Bekerom MP, van der Heide H, van de Sande MA, van Eerten PV, Verbeek DO, Hoffmann DV, Vochteloo AJ, Wagenmakers R, Wall CJ, Wallensten R, Wascher DC, Weiss L, **Wiater JM**, Wills BP, Wint J, Wright T, Young JP, Zalavras C, Zura RD, Zyto K. Scapula fractures: Interobserver reliability of classification and treatment. *J Orthop Trauma*. 2014 Mar;28(3):124-9. doi: 10.1097/BOT.0b013e31829673e2. PMID: 23629469 [PubMed - in process].

Wiater BP, Moravek JE, **Wiater JM**. The evaluation of the failed shoulder arthroplasty. *J Shoulder Elbow Surg*. 2014 May;23(5):745-58. doi: 10.1016/j.jse.2013.12.003. Epub 2014 Mar 4. Review. PMID: 24618199 .

Fishman MP, Budge MD, Moravek JE, Mayer M, Kurdziel MD, Baker KC, **Wiater JM**. Biomechanical testing of small versus large lesser tuberosity osteotomies: Effect on gap formation and ultimate failure load. *J Shoulder Elbow Surg*. 2014 Apr;23(4):470-6. doi: 10.1016/j.jse.2013.06.024. Epub 2013 Sep. PMID: 24090982.

Pinkas DE, Wiater BP, **Wiater JM**. The glenoid component in anatomic total shoulder arthroplasty. *J Am Acad Orthop Surg*. 2015 May;23(5):317-326. Epub 2015 Mar 31. Review. PMID: 25829449.

Sabesan VJ, Ackerman J, Sharma V, Baker KC, Kurdziel MD, **Wiater JM**. Glenohumeral mismatch affects micromotion of cemented glenoid components in total shoulder arthroplasty. *J Shoulder Elbow Surg*. 2015 May;24(5):814-22. doi: 10.1016/j.jse.2014.10.004. Epub 2014 Dec 2. PMID: 25487898.

JM Wiater, MD

4 May 2021

25

Peers S, Moravek JE Jr, Budge MD, Newton MD, Kurdziel MD, Baker KC, **Wiater JM**. Wear rates of highly cross-linked polyethylene humeral liners subjected to alternating cycles of glenohumeral flexion and abduction. *J Shoulder Elbow Surg*. 2015 Jan;24(1):143-9. doi: 10.1016/j.jse.2014.05.001. Epub 2014 Jul 16. PMID:25037062.

Wiater BP, Koueiter DM, Maerz T, Moravek JE Jr, Yonan S, Marcantonio DR, **Wiater JM**. Preoperative deltoid size and fatty infiltration of the deltoid and rotator cuff correlate to outcomes after reverse total shoulder arthroplasty. *Clin Orthop Relat Res*. 2015 Feb;473(2):663-73. doi: 10.1007/s11999-014-4047-2. Epub 2014 Nov 12. PMID: 25388633.

Gowda A, Pinkas DR, **Wiater JM**. Treatment of glenoid bone deficiency in total shoulder arthroplasty: A critical analysis review. *J Bone Joint Surg Reviews*. 2015 Jul 14;3(7). pii: 01874474-201503070-00002.doi:10.2106/JBJS.RVW.N.00097. No abstract available. PMID:27490143.

Busse E, **Wiater JM**. Perioperative Takotsubo cardiomyopathy: A rare complication following orthopaedic surgery. *J Bone Joint Surg Case Connector*. 2015 Jul 22;5(3):e64. <http://dx.doi.org/10.2106/JBJS.CC.N.00215>.

Carpenter S, Pinkas D, Newton M, Kurdziel MD, Baker KC, **Wiater JM**. Wear rates of retentive and nonretentive reverse total shoulder arthroplasty liners in an in vitro wear simulation. *J Shoulder Elbow Surg*. 2015 Sep;24(9):1372-9. doi: 10.1016/j.jse.2015.02.016. Epub 2015 Apr 1. PMID: 25842031.

Kurdziel MD, Moravek JE, Wiater BP, Davidson A, Seta J, Maerz T, Baker KC, **Wiater JM**. The impact of rotator cuff deficiency on structure, mechanical properties, and gene expression profiles of the long head of the biceps tendon (LHBT): Implications for management of the LHBT during primary shoulder arthroplasty. *J Orthop Res*. 2015 Aug;33(8):1158-64. doi: 10.1002/jor.22895. Epub 2015 May 13. PMID: 25877256.

Sabesan V, Callanan M, Sharma V, **Wiater JM**. Assessment of scapular morphology and surgical technique as predictors of notching in reverse shoulder replacements. *Am J Orthop (Belle Mead NJ)*. 2015 May;44(5):E148-52. PMID: 25950544.

Sabesan V, Lombardo DJ, Khan J, **Wiater JM**. Assessment of the optimal shoulder outcome score for reverse shoulder arthroplasty. *J Shoulder Elbow Surg*. 2015 Oct;24(10):1653-9. doi: 10.1016/j.jse.2015.03.030. Epub 2015 Jun 25. PMID: 26119632.

Wiater BP, Baker EA, Salisbury MR, Koueiter DM, Baker KC, Nolan BM, **Wiater JM**. Elucidating trends in revision reverse total shoulder arthroplasty procedures: a retrieval study evaluating clinical, radiographic, and functional outcomes data. *J Shoulder Elbow Surg*. 2015 Jul 23. pii: S1058-2746(15)00307-9. doi: 10.1016/j.jse.2015.06.004. [Epub ahead of print] PMID: 26212759.

Dhanota H, Pinkas D, Josserand D, Wiater BP, Koueiter DM, **Wiater JM**. Use of a topical thrombin-based hemostatic agent in shoulder arthroplasty. *Am J Orthop (Belle Mead NJ)*. 44(8):E262-7, 2015. PMID26251940.

Osborne JD, Gowda AL, Wiater B, **Wiater JM**. Rotator cuff rehabilitation: Current theories and practice. *Phys Sportsmed*. Nov 7:1-8, 2015. DOI: 10.1080/00913847.2016.1108883. Epub 2015 Nov 7.

Wiater BP, Kurdziel M, Moravek JM, Baker KC, **Wiater JM**. Biomechanical evaluation of all-polyethylene pegged bone in-growth glenoid fixation techniques on implant micromotion. *Am J Orthop (Belle Mead NJ)*. 2016 May-Jun;45(4):E211-6. PMID: 27327928.

Sabesan VJ, Lombardo DJ, Shahriar R, Petersen-Fitts GR, **Wiater JM**. The effect of glenosphere size on functional outcome for reverse shoulder arthroplasty. *Musculoskeletal Surg*. 2016 Feb 9. [Epub ahead of print]. PMID 26861683.

Sabesan VJ, Lombardo D, Josserand D, Buzas D, Jelsema T, Petersen-Fitts GR, **Wiater JM**. The effect of deltoid lengthening on functional outcome for reverse shoulder arthroplasty. *Musculoskeletal Surg*. 2016 Aug;100(2):127-32. doi: 10.1007/s12306-016-0400-9. Epub 2016 Mar 30. PMID 27025707.

Churchill RS, Chuinard C, **Wiater JM**, Friedman R, Freehill M, Jacobson S, Spencer E Jr, Holloway GB, Wittstein J, Lassiter T, Smith M, Blaine T, Nicholson GP. Clinical and radiographic outcomes of the Simpliciti canal-sparing shoulder arthroplasty system: A prospective two-year multicenter study. *J Bone Joint Surg Am*. 2016 Apr 6;98(7):552-60. Doi: 10.2106/JBJS.15.00181. PMID: 27053583.

Ho AG, Gowda AL, **Wiater JM**. Evaluation and treatment of failed shoulder instability procedures. *J Orthopaed Traumatol* (2016) 17: 187. doi:10.1007/s10195-016-0409-8.

Claessen FM, Stoop N, Doornberg JN, Guitton TG, van den Bekerom MP, Ring D; Science of Variation Group. The Science of Variation Group members include: A.B. Spoor; A. Chauhan; A.L. Wahegaonkar; A.B. Shafritz, A.E. Garcia G, A.N. Miller; A. Barquet; A. Kristan; T. Apar; A.D. Armstrong; A. Berner; A. Jubel; B.E. Kreis; C.G. Babis; B. Sutker; B.W. Sears; B.M. Nolan; B.D. Crist; B.J. Cross; B.P. Wills; C.J. Barreto; C. Ekholm; C. Swigart; C.D. Oliveira Miranda; C. Manke; C.

JM Wiater, MD

4 May 2021

27

Zalavras; C.A. Goldfarb; C. Cassidy; C.J. Walsh; C.M. Jones; C. Garnavos; C. Young; C.L. Moreno-Serrano; C. Lomita; C. Klostermann; D.F. van Deurzen; D.A. Rikli; D. Polatsch; D. Beingessner; D. Drosdowech; D. Eygendaal; M. Patel; D. Brilej; E.T. Walbeehm; E.G. Ballas; E.F. Ibrahim; E. Melamed; E. Stojkovska Pemovska; E. Hofmeister; E.M. Hammerberg; F.T. Kaplan; F. Suarez, C.H. Fernandes; F. Lopez-Gonzalez; F.L. Walter; F. Frihagen; G.A. Kraan; G. Kontakis; G.S. Dyer; G. Kohut; G. Panagopoulos; G.R. Hernandez; G. Porcellini; G.J. Bayne; G. Merrell; G. DeSilva; G.J. Della Rocca; H.B. Bamberger; H. Broekhuysse; H. Durchholz; I.F. Kodde; I. McGraw; I. Harris; I. Pountos; **J.M. Wiater**; J. Choueka; J.E. Kazanjian; J.A. Gillespie; J. Biert; J.C. Fanuele; J.W. Johnson; J.A. Greenberg; J. Abrams; J. Hall; J. Fischer; J.H. Scheer; J. Itamura; J.T. Capo; J. Braman; J. Rubio; J.A. Ortiz; J.E. Filho; J. Nolla; J. Abboud; J.M. Conflitti; J.M. Abzug; J.M. Patiño; J.M. Rodriguez Roiz; J. Adams; J. Bishop; K. Kabir; K. Chivers; K. Prommersberger; K. Egol; K.M. Rumball; K. Dickson; K. Jeray; L.M. Poelhekke; L.A. Campinhos; L. Mica; L.C. Borris; L.E. Adolfsson; L.M. Schulte; L. Elmans; L.B. Lane; L. Paz; L. Taitsman; L. Guenter; L.S. Austin; M. Waseem; M.J. Palmer; M.I. Abdel-Ghany; M.J. Richard; M. Rizzo; M. Pirpiris; M. Di Micoli; M. Bonczar; M.I. Loebenberg; M. Richardson; M. Mormino; M. Menon; M. Soong; M.M. Wood, S.A. Meylaerts; M. Darowish; M. Nancollas; M. Prayson; M.W. Grafe; M.W. Kessler; M.D. Kaminaris; M.A. Pirela-Cruz; M. Mckee; M. Merchant; M. Tyllianakis; M. Shafi; A.J. Powell; N.L. Shortt; N.E. Felipe; N. Parnes; N. Bijlani; N. Elias; N.M. Akabudike; N. Rossiter; N.G. Lasanianos; N.K. Kanakaris; O. Brink; P.V. van Eerten; P. Paladini; P.A. Martineau; P. Appleton; P. Levin; P. Althausen; P.J. Evans; P. Jebson; P. Krause; P. Schandelmaier; A. Peters; P. Dantuluri; P. Blazar; P. Andreas; P. Inna; M. Quell; R.M. Ramli; R. de Bedout; A.B. Ranade, S. Ashish; R.M. Smith; R.H. Babst; R. Omid; R. Buckley; R. Jenkinson; R.S. Gilbert; R.S. Page; R. Papandrea; R.D. Zura; R.L Gray; R. Wagenmakers; R. Pesantez; R. van Riet; R.P. Calfee; S.H. van Helden; S. Bouaicha; S. Kakar; S. Kaplan; F.D. Scott; S.G. Kaar; S. Mitchell; S. Rowinski; S. Dodds; S.A. Kennedy; S. Beldner; T. Schepers; T.G. Guitton; T. Gosens; T. Baxamusa; C. Taleb; T. Tosounidis; T. Wyrick; T. Begue; T. DeCoster; T. Dienstknecht; T.F. Varecka; T. Mittlmeier; T.J. Fischer; T. Chesser; T. Omara; T. Bafus; T. Siff; T. Havlicek; V.J. Sabesan; V.S. Nikolaou; V. Philippe; V. Giordano; A.J. Vochteloo; W.A. Batson; W.C. Hammert; W. Satora; Y. Weil; D. Ruch; L. Marsh; M. Swionkowski; and S. Hurwit.

Interpretation of post-operative distal humerus radiographs after internal fixation: Prediction of later loss of fixation. *J Hand Surg Am.* 2016 Oct;41(10):e337-e341. doi: 10.1016/j.jhsa.2016.07.094. Epub 2016 Aug 10. PMID: 27522299.

Vara AD, Koueiter DM, Pinkas DE, Gowda A, Wiater BP, **Wiater JM**. Intravenous tranexamic acid reduces total blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. *J Shoulder Elbow Surg.* 2017 Aug;26(8):1383-1389. Doi: 10.1016/j.jse.2017.01.005. Epub 2017 feb 3. PMID: 28162887.

Shields E, Ho A, **Wiater JM**. Management of the subscapularis tendon during total shoulder arthroplasty. *J Shoulder Elbow Surg*. 2017 Apr;26(4):723-731. Doi: 10.106/j.jse.2016.11.006. Epub 2017 Jan 19. Review. PMID: 28111182.

Moore DD, Moravek JE, Baker EA, Salisbury MR, Baker KC, **Wiater JM**. Exploring failure of total shoulder arthroplasty systems through implant retrieval, radiographic, and clinical data analyses. *J Shoulder Elbow Arthrop*. 2017 Mar ; 1:1-10. Doi: 10.1177/2471549217705322.

Shields EJ, **Wiater JM**. Subscapularis tendon management during anatomic and reverse total shoulder arthroplasty. *Minerva Ortopedica e Traumatologica*. 2017 September;68(3):168-78. DOI: 10.23736/S0394-3410.17.03824-3.

Kirsch JM, Bedi A, Horner N, **Wiater JM**, Pautzenberger L, Kouierter DM, Miller BS, Bhandari M, Khan M. Tranexamic acid in shoulder arthroplasty: A systematic review and meta-analysis. *J Bone Joint Surg Reviews*. 2017 Sep;5(9):e3. Doi: 10.2106/JBJS.RVW.17.00021. PMID: 28902659.

**Wiater JM**, Carpenter S, Kouierter D, Marcantonio D, Wiater BP. Influence of body mass index on clinical outcomes in reverse total shoulder arthroplasty. *J Surg Orthop Advances*. 2017, 26(3):134-142. DOI: 10.3113/JSOA.2017.0134.

Shields EJ, Kouierter D, Maerz T, Schwark A, **Wiater JM**: Previous rotator cuff repair is associated with inferior clinical outcomes after reverse total shoulder arthroplasty. *Orthop J Sports Med*. 2017 Oct 5;5(10):2325967117730311. Doi: 10.1177/2325967117730311. eCollection 2017 Oct. PMID: 29051900.

Haggart JR, Newton MD, Ho A, Hartner S, Baker KC, Kurdziel MD, **Wiater JM**. Neer Award 2017: Wear rates of 32 mm and 40 mm glenospheres in a reverse total shoulder arthroplasty in vitro wear simulation model. *J Shoulder Elbow Surg*. 2017 Nov;26(11):2029-2037. Doi: 10.1016/j.jse.2017.06.036. Epub 2017 Sep 8. PMID: 28893545.

Ho A, Kurdziel MD, Kouierter DM, **Wiater JM**. 3D computed tomography measurement accuracy of varying Hill-Sachs lesion size. *J Shoulder Elbow Surg*. 2018 Feb;27(2):350-356. doi: 10.1016/j.jse.2017.09.007. Epub 2017 Dec 1. PMID:29198939.

Kurdziel MD, Newton MD, Hartner S, Baker KC, **Wiater JM**. Quantitative evaluation of retrieved reverse total shoulder arthroplasty liner surface deviation and volumetric wear. *J Orthop Res*. 2018 Jul;36(7):2007-2014. doi: 10.1002/jor.23849. PMID: 29314184.

Chae J, Siljander M, **Wiater JM**. Instability in reverse total shoulder arthroplasty. *J Am Acad Orthop Surg*. 2018 Sep 1;26(17):587-596. doi: 10.5435/JAAOS-D-16-00408. Review. PMID:30074512.

Simha S, Shields EJW, **Wiater JM**. Periprosthetic infections of the shoulder. *J Bone Joint Surg Rev*. 2018 Sep;6(9):e6. doi: 10.2106/JBJS.RVW.17.00191. No abstract available. PMID: 30234597.

Osborne JD, Bush CJ, Koueiter DM, **Wiater JM**. Length of stay in total shoulder arthroplasty: Does day of surgery matter? *J Shoulder Elbow Arthroplasty*. <https://doi.org/10.1177/2471549219832151>. February 2019.

Shields EJ, **Wiater JM**. Patient outcomes after revision of anatomic total shoulder arthroplasty to reverse total shoulder arthroplasty for rotator cuff failure or component loosening: A matched cohort study. *J Am Acad Orthop Surg*. 2019 Feb 15;27(4):e193-e198. doi: 10.5435/JAAOS-D-17-00350. PMID: 30216243.

Wright JO, Ho A, Kalma J, Koueiter D, Esterle J, Marcantonio D, **Wiater JM**, Wiater B. Uncemented reverse total shoulder arthroplasty as initial treatment for comminuted proximal humerus fractures. *J Orthop Trauma*. 2019 Feb 26. doi: 10.1097/BOT.0000000000001465. [Epub ahead of print]. PMID: 30844960.

Rapp CM, Shields EJ, Wiater BP, **Wiater JM**. Venous thromboembolism after shoulder arthroplasty and arthroscopy. *J Am Acad Orthop Surg*. 2019 Apr 15;27(8):265-274. doi: 10.5435/JAAOS-D-17-00763. PMID: 30480588.

Wright JO, Ho A, Kalma J, Koueiter D, Esterle J, Marcantonio D, **Wiater JM**, Wiater B. Uncemented reverse total shoulder arthroplasty as initial treatment for comminuted proximal humerus fractures. *J Orthop Trauma*. 2019 Jul;33(7):e263-e269. Doi: 10.1097/BOT.0000000000001465. PMID: 30844960.

Shields E, Koueiter DM, **Wiater JM**. Rate of improvement in outcomes measures after reverse total shoulder arthroplasty: A longitudinal study with 2-year follow-up. *J Shoulder Elbow Arthroplasty*. <https://doi.org/10.1177/2471549219861446>. July 2019.

Linkous N, Wright JO, Koueiter DM, Marcantonio D, **Wiater JM**, Wiater BP. Outcomes for reverse total shoulder arthroplasty after failed open reduction and internal fixation versus reverse total shoulder arthroplasty for proximal humerus fractures. *Seminars in Arthroplasty: JSES*, 30(2), p. 111-116. <https://doi.org/10.1053/j.sart.2020.06.005>.

Mourad W, **Wiater JM**, Wiater BP, Martusiewicz. Baseplate options for reverse total shoulder arthroplasty. *Curr Rev Musculoskelat Med. Curr Rev Musculoskelet Med*. 2020 Dec;13(6):769-775. doi: 10.1007/s12178-020-09677-1. PMID: 33034820.

**Wiater JM**, Levy JC, Wright SA, Brockmeier SF, Duquin TR, Wright JO, Codd TP. Prospective, Blinded, Randomized Controlled Trial of Stemless Versus

Stemmed Humeral Components in Anatomic Total Shoulder Arthroplasty: Results at Short-Term Follow-up. *J Bone Joint Surg Am.* 2020 Nov 18;102(22):1974-1984. doi: 10.2106/JBJS.19.01478. PMID: 33208640 Clinical Trial.

### ***Invited Print Publications***

**Wiater JM.** Operative management of acute proximal humeral fractures. *The Resident Reporter*, 2(6): 31-37, 1997.

**Wiater JM,** Warner JP, Millett P, Ahmad CS, Levine WN. Surgeons offer pearls for the care of shoulder osteoarthritis in young patients. RoundTable Discussion. *Orthopaedics Today*, 33:36-45, 2013.

Ho AG, Gowda AL, **Wiater JM.** Age-Related Outcomes in Stemless Total Shoulder Arthroplasty. Wright Medical Group NV White Paper, CAW-8496 Rev A DCR 170007 Dec-2016.

### ***Invited Online Peer-Reviewed Publications***

**Wiater JM.** Shoulder joint replacement. American Academy of Orthopaedic Surgeons patient education website, *OrthoInfo* (at [http://orthoinfo.aaos.org/fact/thr\\_report.cfm?Thread\\_ID=291&topcategory=Shoulder](http://orthoinfo.aaos.org/fact/thr_report.cfm?Thread_ID=291&topcategory=Shoulder)). 2005.

**Wiater JM.** Reverse total shoulder replacement. American Academy of Orthopaedic Surgeons patient education website, *OrthoInfo*. <http://www.orthoinfo.org/topic.cfm?topic=A00504>, 2010.

Moravek J, **Wiater JM.** Sternoclavicular joint disorders. American Academy of Orthopaedic Surgeons patient education website, *OrthoInfo*. In review, September 2011.

Budge MD, **Wiater JM.** SLAP tears. American Academy of Orthopaedic Surgeons patient education website, *OrthoInfo*. <http://orthoinfo.aaos.org/topic.cfm?topic=A00627>. 2011.

Lynch J, **Wiater JM.** Shoulder anatomy. American Academy of Orthopaedic Surgeons patient education website, *OrthoInfo*. In review, October 2011.

**Wiater JM.** Arthritis of the shoulder. American Academy of Orthopaedic Surgeons patient education website, OrthoInfo.  
<http://www.orthoinfo.org/topic.cfm?topic=A00222>. 2013

Pinkas DER, **Wiater JM.** Hemiarthroplasty and total shoulder arthroplasty. In Guke Pindao – The Chinese Educational Orthopaedic Website, [www.gukepindao.co](http://www.gukepindao.co), Mauffrey C, Hao J, Hak D, eds. March 2014.

Khatib ON, Wiater BP, **Wiater JM.** Reverse shoulder arthroplasty for the management of failed arthroplasty. In Parsons BO, Hasan SS (eds): *Surgical Insights: Reverse Shoulder Arthroplasty* [online course]. American Academy of Orthopaedic Surgeons, Rosemont, IL. 2019.

### **Online Editorials**

**JM Wiater**, Blaine TA. Welcome to the *Journal of Shoulder and Elbow Arthroplasty* from the Editors. February 2017.  
<https://doi.org/10.1177/2471549217695120>.

Blaine T, **Wiater JM**, Mallon WJ. Editorial. *Seminars in Arthroplasty: JSES*, 30 (1), p.1. <https://doi.org/10.1053/j.sart.2020.05.005>

### **Multimedia Peer-Reviewed Publications**

**Wiater JM.** Role of “modern” mini-open rotator cuff repair: Valid technique or transition to arthroscopic repair? In *Standing Room Only 2 DVD – Shoulder and Elbow: Surgical Techniques and Management*, Levine WN (ed). American Academy of Orthopaedic Surgeons, Rosemont, IL, 2006.

**Wiater JM**, Stanwood WG, Izquierdo R, Levine WN, Bigliani LU. Eden-Lange muscle transfers. Surgical management of chronic trapezius paralysis. On VuMedi at <http://www.vumedi.com/node/84157>, March 2010.

**Wiater JM.** Reverse total shoulder arthroplasty. 3-D video surgical technique presentation. Online at Zimmer Institute, <http://zimmerinstitute.zimmer.com> , August 2011.

Budge MD, **Wiater JM.** Reverse total shoulder arthroplasty for cuff tear arthropathy. In *Video Atlas of Shoulder Surgery* MCann PD (ed). Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2013.



Rapp C, Vara A, Wiater BP, **Wiater JM**. Arthroscopic rotator cuff repair using a suture-bridge technique and associated mini-open subpectoral bicep tenodesis. Chapter 10. Video Atlas of Rotator Cuff Repair. Uma Srikumaran, ed. Thieme Clinical Collections Premium - 2019, Thieme Medical Publishers Inc., New York, NY. eISBN 978-1-62623-713-1. Print ISBN 978-1-62623-712-4.

### ***Published Peer-Reviewed Abstracts***

Bigliani LU, **Wiater JM**, Marra G, Park J-Y, Flatow EL. Surgical management of cuff tear arthropathy. *J Shoulder Elbow Surg* 8:666,1999.

Bigliani LU, Park J-Y, Marra G, **Wiater JM**, Pollock RG, Flatow EL. Repair of massive rotator cuff tears: Long term follow-up. 112<sup>th</sup> Annual Meeting of the American Orthopaedic Association, Sun Valley, ID, June 5-8, 1999. Online at [http://www.aoassn.org/pdf/1999\\_AM\\_Presentations.pdf](http://www.aoassn.org/pdf/1999_AM_Presentations.pdf).

Park J-Y, Marra G, **Wiater JM**, Pollock RG, Flatow EL, Bigliani LU: Repair of massive rotator cuff tears: Long term follow-up. *American Academy of Orthopaedic Surgeons 66<sup>th</sup> Annual Meeting Proceedings*, 202, 1999.

Djurasovic MA, **Wiater JM**, Marra G, Park JY, Pollock RG, Bigliani LU: Bilateral shoulder replacement. *J Shoulder Elbow Surg*, 9:453-454, 2000.

Marra G, **Wiater JM**, Levine WN, Pollock RG, Bigliani LU: Shoulder arthroplasty for avascular necrosis. *American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting Proceedings*, 1:494, 2000.

Marra G, **Wiater JM**, Levine WN, Bigliani LU: Management of neurologic lesions with rotator cuff tears. *American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting Proceedings*, 1:557, 2000.

Zawadsky M, **Wiater JM**, Levine WN, Pollock RG, Bigliani LU: Osteolysis of the distal clavicle: Long term results of arthroscopic resection. *American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting Proceedings*, 1:595, 2000.

Freehill MQ, **Wiater JM**, Park J-Y, Levine WN, Pollock RG, Bigliani LU: Results of rotator cuff repair after anterior shoulder dislocation in the older patient. *American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting Proceedings*, 1:595, 2000.

Shubin-Stein BE, **Wiater JM**, Pfaff C, Bigliani LU, Levine WN: Detection of acromioclavicular joint pathology in asymptomatic shoulders using MRI. *American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting Proceedings*, 1:425, 2000.

**Wiater JM**, Freehill MQ, Levine WN, Flatow EL, Bigliani LU: The operative treatment of scapulothoracic bursitis. *American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting Proceedings*, 1:429, 2000.

Marra G, **Wiater JM**, Levine WN, Flatow EL, Pollock RG, Bigliani LU: Surgical management of glenohumeral arthritis with massive rotator cuff tears. *American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting Proceedings*, 1:434, 2000.

**Wiater JM**, Murthi A, Park J-Y, Levine WN, Flatow EL, Bigliani LU. Repair of long head of biceps tendon displacement and rotator cuff tear. Arthroscopy Association of North America 20<sup>th</sup> Annual Meeting, April 19-22, 2001, Seattle, WA. Online at <http://www2.arthroscopyjournal.org/scripts/om.dll/serve?web=/ar/ar-meetingabs.html&id=ar>.

**Wiater JM**, Morrey BF, O'Driscoll SW. Simultaneous bilateral total elbow arthroplasties for severe rheumatoid arthritis. *American Shoulder and Elbow Surgeons 17<sup>th</sup> Open Meeting*, San Francisco, CA, March 3, 2001. Online at <http://www2.jshoulderelbow.org/scripts/om.dll/serve?web=se\se-meetingabs.html&id=se>.

**Wiater JM**, Sugalski MT, Levine WN, Bigliani LU: An anatomic study of the humeral attachment of the inferior glenohumeral capsule. *American Orthopaedic Society for Sports Medicine 27<sup>th</sup> Annual Meeting*, Keystone, CO, June 28-July 1, 2001. Online at [http://www.sportsmed.org/education/abstractpdfs/Annual\\_2001\\_Posters.pdf](http://www.sportsmed.org/education/abstractpdfs/Annual_2001_Posters.pdf).

Vibert B, **Wiater JM**: Glenohumeral joint volume reduction with progressive release and shift of the inferior shoulder capsule. *American Orthopaedic Society for Sports Medicine 2004 Annual Meeting*, Quebec City, Canada, June 24-27, 2004. Online at <http://www.sportsmed.org/secure/reveal/admin/uploads/events/POSTER%20Abstracts.pdf>.

Vibert B, **Wiater JM**: Glenohumeral joint volume reduction with progressive release and shift of the inferior shoulder capsule. *American Academy of Orthopaedic Surgeons 72<sup>nd</sup> Annual Meeting Proceedings*, 528, 2005.

**Wiater JM**, Buss DD, Freehill MQ, Hattrup SJ, Lee JA, Levine WN, Flatow EL, Bigliani LU, Blaine TA. A prospective multicenter evaluation of total shoulder replacement for primary glenohumeral arthritis: Minimum two-year follow-up in 102 patients. *American Shoulder and Elbow Surgeons 23<sup>rd</sup> Annual Closed Meeting Proceedings*, 63-64, 2006.

**Wiater JM.** Early results of reverse total shoulder arthroplasty with a Delta III-type prosthesis. *American Shoulder and Elbow Surgeons 23<sup>rd</sup> Annual Closed Meeting Proceedings*, 50-51, 2006.

Kippe MA, **Wiater JM.** Surgical treatment of displaced proximal humerus fractures with a short intramedullary nail. *American Shoulder and Elbow Surgeons 23<sup>rd</sup> Annual Closed Meeting Submitted Papers*, 81, 2006.

**Wiater JM,** Blaine TB, Buss DB, Freehill MQ, Hattrup SJ, Weinstein D, Flatow EL, Bigliani LU. A prospective multicenter study of total shoulder replacement for glenohumeral osteoarthritis. *American Academy of Orthopaedic Surgeons 73<sup>rd</sup> Annual Meeting Proceedings*, 700, 2006.

Kippe MA, **Wiater JM.** Surgical treatment of displaced proximal humerus fractures with a short intramedullary nail. *American Academy of Orthopaedic Surgeons 73<sup>rd</sup> Annual Meeting Proceedings*, 555, 2006.

Sabesan V, Callanan M, Sharma V, Ghareeb G, Moravek J, **Wiater JM.** Assessment of scapular morphology as a predictor of notching in reverse shoulder replacements. *Bone Joint J* 2013; 95-B SUPP 34:516.

### **Book Chapters**

**Wiater JM,** Hensinger RN. Pediatric shoulder injuries. In *Shoulder Trauma*, Hawkins RJ, Kuhn JE (eds). Churchill Livingstone, New York, 2000.

**Wiater JM,** Levine WN. Revision shoulder arthroplasty. In *Total Shoulder Arthroplasty*, Crosby L (ed). American Academy of Orthopaedic Surgeons, Rosemont, IL, pp. 47-64, 2000.

**Wiater JM,** Levine WN, Bigliani LU. Upper extremity considerations: Osteoarthritis of the shoulder. In: *Osteoarthritis* 3<sup>rd</sup> ed, Moskowitz R, Goldberg V (eds). WB Saunders Company, Orlando, FL, pp. 469-472, 2001.

**Wiater JM.** Functional anatomy of the shoulder. In *Orthopaedic Physical Therapy Secrets*, Placzek LD, Boyce DA (eds). Hanley & Belfus, Philadelphia, pp. 243-248, 2001.

**Wiater JM,** Kippe M. Functional anatomy of the shoulder. In *Orthopaedic Physical Therapy Secrets* 2<sup>nd</sup> ed., Placzek LD, Boyce DA (eds). Mosby Elsevier, St. Louis, pp. 321-330, 2006.

**Wiater JM,** Ragsdell M: Complications of total shoulder arthroplasty. In *American Shoulder and Elbow Surgeons Curriculum Guide for Treatment of*

*Shoulder Injury*, Kibler WB(ed), in digital format by the American Shoulder and Elbow Surgeons, August, 2008.

**Wiater JM.** Anterior and anteroinferior instability: Arthroscopic. In *American Shoulder and Elbow Surgeons Curriculum Guide for Treatment of Shoulder Injury*, Kibler WB(ed), in digital format by the American Shoulder and Elbow Surgeons, August, 2008.

Nolan BM, **Wiater JM.** Inflammatory arthritis: Arthroscopic Management. In *American Shoulder and Elbow Surgeons Curriculum Guide for Elbow Disorders*, Marra G and Sanchez-Sotelo J (eds), in digital format by the American Shoulder and Elbow Surgeons, June, 2010.

Nolan BM, **Wiater JM.** Elbow arthroscopy: General. In *American Shoulder and Elbow Surgeons Curriculum Guide for Elbow Disorders*, Marra G and Sanchez-Sotelo J (eds), in digital format by the American Shoulder and Elbow Surgeons, June, 2010.

Budge MD, **Wiater JM.** Reverse total shoulder arthroplasty for cuff tear arthropathy. In *Video Atlas of Shoulder Surgery*, McCann PD (ed). Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, pp.154-156, 2013.

Pinkas DER, **Wiater JM.** The floating shoulder. In *Shoulder & Elbow Trauma and its Complications*, Griewe M, (ed). Woodhead Publishing, Cambridge, UK, vol. 1, ch. 12. Manuscript submitted July 27, 2014.

Pinkas DER, **Wiater JM.** Functional anatomy of the shoulder. In *Orthopaedic Physical Therapy Secrets 3<sup>rd</sup> ed.*, Placzek LD, Boyce DA (eds). Mosby Elsevier, Philadelphia, PA, Section 5, 2014.

Shoulder prosthetic arthroplasty options in 2014: what to do and when to do it. Pinkas D, **Wiater JM**, Spencer EE Jr, Edwards TB, Uribe JW, Declercq G, Murthi AM, Hertel R. *Instr Course Lect.* 2015;64:193-202. Review. PMID: 25745905.

Gowda AL, Wiater BP, **Wiater JM.** Evaluation of the painful shoulder arthroplasty. In *Let's Discuss: Revision Shoulder*. Gamradt SC, Sperling JW, Galatz LM, Schwartz AJ (eds). Chapter 3. American Academy of Orthopaedic Surgeons, Rosemont, IL. Pp 43-56, 2015.

Wu J, Rapp CM, Shields EJ, **Wiater JM.** Management of the failed anatomic total shoulder arthroplasty. In *Complex and Revision Shoulder Arthroplasty: An Evidence-Based Approach to Evaluation and Management*. Tashjian RZ (ed). Springer Nature Switzerland AG. Chapter 10, pp. 136-156, 2019.

## PRESENTATIONS

### ***Multimedia Presentations at Refereed National CME Events (by acceptance of abstract submitted)***

**Wiater JM.** Shoulder hemiarthroplasty for proximal humerus fractures. Orthopaedic Trauma Association 19<sup>th</sup> Annual Meeting, *Proximal Humerus Fractures Hands-On Skills Lab*, Salt Lake City, UT, October 9-11, 2003.

**Wiater JM**, Stanwood WG, Izquierdo R, Levine WN, Bigliani LU. Surgical management of chronic trapezius paralysis. 71<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA, March 10-14, 2004.

Dutchesen N, Spencer E Jr, **Wiater JM.** Arthroscopic 2 row rotator cuff repair with a buried medial row. Columbia Shoulder Society Biennial Meeting, Williamsburg, VA, June 18-19, 2005.

Bales CP, **Wiater JM:** Prosthetic replacement for proximal humerus fractures: Keeping it simple. 74<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, February 14-18, 2007.

### ***Invited Multimedia Presentations at Refereed National CME Meetings***

**Wiater JM.** Arthroscopic capsular shift. AAOS/ASES Arthroscopic Management of Rotator Cuff Disease and Instability #3840, Orthopaedic Learning Center, Rosemont, IL, July 23-24, 2010.

**Wiater JM.** How I do it: Acromioclavicular joint reconstruction technique video. International Congress for Joint Reconstruction 2014 3<sup>rd</sup> Annual Shoulder Course, Las Vegas, NV, September 18-20, 2014.

Little MTM, Cuff DJ, **Wiater JM**, Gardner MJ. JBJS Webinar: *Managing Complex Proximal Humerus Fractures*. Green A, Swiontkowski M, moderators. Sponsored by Modernizing Medicine. 19 April, 2016.

**Wiater JM (moderator)**, Blaine TE, Sperling J, Frankle M. *Reverse Shoulder Arthroplasty*. American Academy of Orthopaedic Surgeons Webinar. October 26, 2016.

**Wiater JM**, Chae J. *Instability in reverse total shoulder arthroplasty*. American Academy of Orthopaedic Surgeons Webinar, moderated by Jobin CM. 18 September 2018.

**Wiater JM.** *Stemless total shoulder arthroplasty: Does size matter?* Abboud J (moderator), Tashjian R, Levine WN, **Wiater JM.** State of the Art Anatomic and Reverse Total Shoulder Arthroplasty. American Academy of Orthopaedic Surgeons Webinar. 24 October 2018.

Mallon W, Blaine T, **Wiater JM.** The *Journal of Shoulder and Elbow Surgery* Family of Journals. American Shoulder and Elbow Surgeons Podcast, Chalmers P and Frank R (hosts). January 14, 2021.

**Wiater JM.** *Knocking the Chip Off Shoulder Replacement Surgery.* Live webinar presentation. HealthTrust Education: Physician, Nursing, Supply Chain, and Health Care Executives Program. CE credit approved 1.0 hour. [www.healthtrustpg.com/education](http://www.healthtrustpg.com/education). 4 May 2021.

### ***Multimedia Presentations at Industry Sponsored Non-CME Events***

**Wiater JM,** Levine WN, Bigliani LU. Surgical management of chronic trapezius paralysis. <https://www.vumedi.com/video/eden-lange-muscle-transfer-for-chronic-trapezius-paralysis/> March 2010.

**Wiater JM.** Reverse total shoulder arthroplasty. 3-D video surgical technique presentation. Zimmer booth, American Academy of Orthopaedic Surgeons 2011 Annual Meeting, San Diego, CA, February 15-19, 2011.

**Wiater JM.** Beaumont Health Orthopedics Satellite Media Tour. A day-long media event consisting of 11 radio interviews and 6 television interviews, some live and some recorded, to be broadcast in markets around the country. Royal Oak, MI, September 29, 2017.

**Wiater JM,** Khatib ON, Cavinatto L. Bilateral simultaneous total shoulder arthroplasty. <https://www.vumedi.com/video/bilateral-simultaneous-total-shoulder-arthroplasty/> April 2019.

**Wiater JM.** Difficult pathology treated with the Catalyst CSR total shoulder system. Webinar sponsored by Catalyst OrthoScience LLC. May 7, 2020.

**Wiater JM,** Jawa A, Murthi A. *Comprehensive elbow solutions and Case presentations.* Rethinking radial head arthroplasty. Industry workshop sponsored by DePuy-Synthes. American Shoulder and Elbow Surgeons 2020 Virtual Annual Meeting, October 2-3, 2020.

### ***Invited Lecturer at Refereed National CME Meetings***

**Wiater JM.** The stiff elbow. Notre Dame Orthopaedic Symposium, South Bend, IN October 9, 1999.

**Wiater, JM.** Shoulder hemiarthroplasty for proximal humerus fractures. Orthopaedic Trauma Association 19<sup>th</sup> Annual Meeting, Salt Lake City, UT, October 9-11, 2003.

**Wiater JM.** Simple elbow dislocations: diagnosis, clinical pathology, and management. *Shoulder and Elbow: The Essentials*. American Academy of Orthopaedic Surgeons, Rosemont, IL, November 1, 2003.

**Wiater JM.** Treatment for elbow epicondylitis. *State of the Art in Orthopaedics 2004*, a Continuing Medical Education activity sponsored by HealthStream, Stryker Howmedica Osteonics, Shoulder and Elbow Sessions, Snowbird, UT, February 9-13, 2004.

**Wiater JM.** Elbow instability: Diagnosis, clinical pathology, and management. *State of the Art in Orthopaedics 2004*, a Continuing Medical Education activity sponsored by HealthStream, Stryker Howmedica Osteonics, Shoulder and Elbow Sessions, Snowbird, UT, February 9-13, 2004

**Wiater JM.** Role of modern mini-open rotator cuff repair: Valid technique or transition to arthroscopic repair? *AAOS/ASES Surgical Techniques and Management of the Shoulder and Elbow*, Rosemont, IL, January 28-30, 2005.

**Wiater JM.** Total shoulder arthroplasty- Technical tips on exposure. Columbia Shoulder Society Biennial Meeting, Williamsburg, VA, June 18-19, 2005.

**Wiater JM.** Arthroscopic subacromial decompression and distal clavicle resection: Indications and technique. *AAOS/ASES The Shoulder: An Arthroscopic Odyssey*, Rosemont, IL, September 9-10, 2005

**Wiater JM.** Treatment of proximal humerus fractures. Vanderbilt Shoulder Conference, Nashville, TN, November 3, 2006.

**Wiater, JM.** Open rotator cuff repair: Techniques and indications. Different from arthroscopy? *AAOS/ASES Open and Arthroscopic Techniques in Shoulder Surgery*, Rosemont, IL, April 20-21, 2007.

**Wiater JM.** Complex elbow instability. *AAOS/ASES Shoulder and Elbow: Surgical Techniques and Management*, Rosemont, IL, January 26-28, 2007.

**Wiater JM.** Arthroscopic acromioplasty: Technique. *AAOS/ASES Arthroscopic Shoulder: Advanced Techniques*, Rosemont, IL, July 27-28, 2007.

**Wiater JM:** Arthroscopic repair of anterior instability: Capsular plication and Bankart repair. AAOS/ASES Open and arthroscopic techniques in shoulder surgery, Rosemont, IL, January 18-19, 2008.

**Wiater JM.** Arthroscopic acromioplasty: Technique. AAOS/ASES Arthroscopic Management of Rotator Cuff Disease and Instability, Rosemont, IL, July 18-19, 2008.

**Wiater JM.** Elbow arthroscopy: Arthroscopic anatomy and basic principles. AAOS/ASES Elbow Reconstruction: Arthroscopy, Instability and Arthroplasty. Rosemont, IL, December 12-13, 2008.

**Wiater JM.** Elbow arthroscopy: What you can and cannot do. AAOS/ASES Shoulder and Elbow: Surgical Techniques and Management, Rosemont, IL, January 23-24, 2009.

**Wiater JM.** Medial collateral ligament reconstruction: Indications and technique. AAOS/ASES Shoulder and Elbow: Surgical Techniques and Management, Rosemont, IL, January 23-24, 2009.

**Wiater, JM.** Arthroscopic capsular release technique. AAOS/ASES Arthroscopic Management of Rotator Cuff Disease and Instability, Rosemont, IL, July 24-25, 2009.

**Wiater, JM.** Arthroscopic acromioplasty: Technique. AAOS/ASES Arthroscopic Management of Rotator Cuff Disease and Instability, Rosemont, IL, July 24-25, 2009.

**Wiater JM:** Diagnosis and treatment of classic impingement. AAOS 2010 Annual Meeting Instructional Course Lecture 148, Classic and Non-Classical Shoulder Impingement Syndrome: Diagnosis, Treatment, and Pitfalls, New Orleans, LA, March 9-13, 2010.

**Wiater JM:** Partial thickness rotator cuff tears. AAOS 2010 Annual Meeting Instructional Course Lecture 6SK, Techniques of Arthroscopic Rotator Cuff Repair: Using Alex Models, New Orleans, LA, March 9-13, 2010.

**Wiater JM:** Elbow arthroscopy: Arthroscopic anatomy, basic principles, and evolving indications. AAOS 2010 Annual Meeting Instructional Course Lecture 352, Elbow Reconstruction: A Comprehensive Review, New Orleans, LA, March 9-13, 2010.

**Wiater JM.** Indications for reverse total shoulder arthroplasty in fracture management. AAOS/ASES/OTA Proximal Humeral Fractures, Rosemont, IL, May 14-15, 2010.



**Wiater JM.** Arthroscopic acromioplasty and distal clavicle resection: Indications and techniques. AAOS/ASES Arthroscopic Management of Rotator Cuff Disease and Instability #3840, Orthopaedic Learning Center, Rosemont, IL, July 23-24, 2010.

**Wiater JM.** Partial thickness rotator cuff tears. AAOS 2011 Annual Meeting Instructional Course Lecture 2SK, Techniques of Arthroscopic Rotator Cuff Repair: Using Alex Models, San Diego, CA, February 15-19, 2011.

**Wiater JM.** Hemiarthroplasty versus reverse total shoulder arthroplasty for proximal humerus fractures. The Columbia Shoulder Society 2011 Biennial Meeting, Park City, UT, June 10-11, 2011.

**Wiater JM.** Case presentation: Glenosphere revision. The Columbia Shoulder Society 2011 Biennial Meeting, Park City, UT, June 10-11, 2011.

**Wiater JM.** Options for patients with shoulder arthritis. Iowa Orthopaedic Society Spring Meeting, West Des Moines, IA, April 13, 2012.

**Wiater JM.** Reverse shoulder prosthesis: Design Considerations. Iowa Orthopaedic Society Spring Meeting, West Des Moines, IA, April 13, 2012.

**Wiater JM.** Is there a role for latissimus dorsi tendon transfer in reverse total shoulder arthroplasty? The Columbia Shoulder Society 2013 Biennial Meeting, Miami, FL, June 27-29, 2013.

**Wiater JM.** Stemmed hemiarthroplasty. In *Shoulder prosthetic arthroplasty options in 2013: What to do and when to do it*. Instructional Course Lecture. American Academy of Orthopaedic Surgeons 2013 Annual Meeting, Chicago, IL, March 19-23, 2013.

**Wiater JM.** Stemmed hemiarthroplasty. In *Shoulder prosthetic arthroplasty options in 2014: What to do and when to do it*. Instructional Course Lecture. American Academy of Orthopaedic Surgeons 2014 Annual Meeting, New Orleans, LA, March 11-15, 2014.

**Wiater JM.** Salvage of malunited and nonunited fractures. International Congress for Joint Reconstruction 2014 3<sup>rd</sup> Annual Shoulder Course, Las Vegas, NV, September 18-20, 2014.

**Wiater JM.** Partial rotator cuff tears – Complete the tear. Point-counterpoint debates. International Congress for Joint Reconstruction 2014 3<sup>rd</sup> Annual Shoulder Course, Las Vegas, NV, September 18-20, 2014.

**Wiater JM.** What would you do? Case-based discussion: Rotator cuff tears. International Congress for Joint Reconstruction 2014 3<sup>rd</sup> Annual Shoulder Course, Las Vegas, NV, September 18-20, 2014.

**Wiater JM.** Subacromial decompression: Should it NEVER be performed? What does the evidence tell us? AAOS/ASES Open and Arthroscopic Techniques in Shoulder Surgery, Rosemont, IL, May 29-30, 2015.

**Wiater JM.** How to expose and replace the glenoid. AAOS/ASES Open and Arthroscopic Techniques in Shoulder Surgery, Rosemont, IL, May 29-30, 2015.

**Wiater JM.** How to do a reverse total shoulder arthroplasty. Pearls and pitfalls. How much glenoid do you need? What version? How much head cut? How tight is tight? Rehabilitation. AAOS/ASES Reverse Total Shoulder and Latarjet Procedures, Rosemont, IL, January 29-30, 2016.

Sethi P, Armstrong A, Chebli C, Steinmann S, **Wiater JM.** Panel discussion: Complications in reverse total shoulder arthroplasty – How to prevent and treat. Siffness, instability/dislocations, hematoma, infection, wear/lysis/notching, stress fractures, component malposition. AAOS/ASES Reverse Total Shoulder and Latarjet Procedures, Rosemont, IL, January 29-30, 2016.

**Wiater JM.** My approach to the failed arthroscopic instability repair. *The latest concepts in sports surgery of the shoulder and knee: A hands-on course designed for senior residents and fellows.* Sponsored by Beaumont Health Department of Orthopaedic Surgery. Royal Oak, MI, April 22-23, 2016.

**Wiater JM.** 10 steps to successful TSA Exposure: Know the anatomy! Anatomic and reverse total shoulder arthroplasty: State-of-the-art. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, Rosemont, IL, November 4-5, 2016.

**Wiater JM.** My approach to the failed arthroscopic instability repair. *The latest concepts in sports surgery of the shoulder and knee: A hands-on course designed for senior residents and fellows.* Sponsored by Beaumont Health Department of Orthopaedic Surgery, Royal Oak, MI, September 13, 2017.

**Wiater JM.** The young arthritic shoulder: Arthroplasty. Instructional Course Lecture 466. Murthi AM (moderator), Keener JD, Sanchez-Sotelo J, **Wiater JM.** American Academy of Orthopaedic Surgeons 2018 Annual Meeting, New Orleans, LA, 6-10 March 2018.

**Wiater JM.** Severe cuff deficiency: Complete loss of active external rotation – Transfer always needed? Which one? Session IV: Soft tissue management in shoulder arthroplasty. Sperling JW (moderator). *Shoulder Arthroplasty: Past,*

*Present, and Future. American Shoulder and Elbow Surgeons 2018 Open Symposium.* Chicago, IL. 11 October 2018.

**Wiater JM.** 10 steps to successful TSA Exposure: Know the anatomy! Anatomic and reverse total shoulder arthroplasty: State-of-the-art. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, Rosemont, IL, November 2-3, 2018.

**Wiater JM.** Reverse total shoulder arthroplasty for failed total shoulder arthroplasty. In *Reverse total shoulder arthroplasty and Latarjet/Open Instability.* American Academy of Orthopaedic Surgery / American Shoulder and Elbow Surgeons. Rosemont, IL. 3-4 May 2019.

Keener J, Murthi A, Salazar D, **Wiater JM.** Panelist. In *Case based discussion: Anterior instability with bipolar bone loss.* Moderated by O'Brien MJ. Reverse total shoulder arthroplasty and Latarjet/Open Instability. American Academy of Orthopaedic Surgery / American Shoulder and Elbow Surgeons. Rosemont, IL. 3-4 May 2019.

Mazzocca AD, moderator. Chuinard C, Murthi A, Garrigues G, Keener J, **Wiater JM,** Krishnan S, panelists. In *Worst case of my career: Lessons learned.* International Congress of Joint Reconstruction Webinar Series. ICJR Insights: *Advanced Concepts in Shoulder Surgery.* October 14 – November 4, 2020.

**Wiater JM.** Top 10 pitfalls to avoid in anatomic total shoulder arthroplasty. International Congress of Joint Reconstruction Webinar Series. ICJR Insights: *Advanced Concepts in Shoulder Surgery.* October 14 – November 4, 2020.

**Wiater JM.** 10 Steps to successful arthroplasty exposure: Know the anatomy! Prerecorded lecture. In *Virtual anatomic and reverse total shoulder arthroplasty: State-of-the-art.* American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, November 7, 2020.

**Wiater JM.** When to use a stemless shoulder arthroplasty: Indications and technical considerations. Prerecorded lecture. In *Virtual anatomic and reverse total shoulder arthroplasty: State-of-the-art.* American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, November 7, 2020.

### ***Invited Post-Graduate National CME Course Faculty***

University of Michigan Shoulder Symposium, Ann Arbor, MI, November 5, 1999.

3<sup>rd</sup> Annual Mayo Clinic Advanced Surgical Skills Course, *The Stiff Elbow,* Rochester, MN, May 18-19, 2001.

JM Wiater, MD

4 May 2021

43

Summer Institute 2001, American Academy of Orthopaedic Surgeons, *Reconstructive Surgery of the Elbow: A Technique Based Perspective*, San Diego, CA, September 8-9, 2001.

4<sup>th</sup> Annual Mayo Clinic Advanced Surgical Skills Course, *Elbow Arthroscopy*, Rochester, MN, May 17-18, 2002.

University of Michigan Symposium of Surgery on the Shoulder, Ann Arbor, MI, September 6, 2002.

Orthopaedic Trauma Association 18<sup>th</sup> Annual Meeting, *Proximal Humerus Fractures Hands-On Skills Lab*, Toronto, ON, October 11-13, 2002.

American Academy of Orthopaedic Surgeons, *Elbow Arthroscopy, Fractures, Instability, and Stiffness*, Rosemont, IL, December 6-7, 2002.

5<sup>th</sup> Annual Mayo Clinic Advanced Surgical Skills Course, *Elbow Arthritis, Total Elbow Arthroplasty*, Rochester, MN, May 16-17, 2003.

Orthopaedic Trauma Association 19<sup>th</sup> Annual Meeting, *Proximal Humerus Fractures Hands-On Skills Lab*, Salt Lake City, UT, October 9-11, 2003.

American Academy of Orthopaedic Surgeons, *Shoulder and Elbow: The Essentials*, Rosemont, IL, October 31-November 2, 2003.

*State of the Art in Orthopaedics 2004*, a Continuing Medical Education activity sponsored by HealthStream, Stryker Howmedica Osteonics, Shoulder and Elbow Sessions, Snowbird, UT, February 9-13, 2004.

6<sup>th</sup> Annual Mayo Clinic Advanced Surgical Skills Course, *The Unstable Elbow*, Rochester, MN, May 14-15, 2004.

American Academy of Orthopaedic Surgeons, *Elbow Reconstruction: Arthroscopy, Instability, and Arthroplasty*, Rosemont, IL, October 8-9, 2004.

43<sup>rd</sup> Annual Meeting Carl E. Badgley Lectureship, University of Michigan Department of Orthopaedic Surgery, Ann Arbor, MI, October 29, 2004.

AAOS/ASES *Surgical Techniques and Management of the Shoulder and Elbow*, Rosemont, IL, January 28-30, 2005.

Columbia Shoulder Society Biennial Meeting, Williamsburg, VA, June 18-19, 2005.

AAOS/ASES The Shoulder: An Arthroscopic Odyssey, Rosemont, IL, September 9-10, 2005.

AAOS/ASES Shoulder and Elbow: Surgical Techniques and Management, Rosemont, IL, January 26-28, 2007.

AAOS/ASES Open and Arthroscopic Techniques in Shoulder Surgery, Rosemont, IL, April 20-21, 2007.

8<sup>th</sup> Annual Mayo Clinic Advanced Elbow Surgical Skills: *Elbow Arthroscopy*, Rochester, MN, May 18-19, 2007.

AAOS/ASES Arthroscopic Shoulder: Advanced Techniques, Rosemont, IL, July 27-28, 2007.

AAOS/ASES Open and Arthroscopic Techniques in Shoulder Surgery, Rosemont, IL, January 18-19, 2008

AAOS/ASES Arthroscopic Management of Rotator Cuff Disease and Instability, Rosemont, IL, July 18-19, 2008.

AAOS/ASES Elbow Reconstruction: Arthroscopy, Instability, and Arthroplasty, Rosemont, IL, December 12-13, 2008.

AAOS/ASES Shoulder and Elbow: Surgical Techniques and Management, Rosemont, IL, January 23-24, 2009.

AAOS/ASES Open and Arthroscopic Techniques in Shoulder Surgery, Rosemont, IL, May 15-16, 2009.

AAOS/ASES Arthroscopic Management of Rotator Cuff Disease and Instability, Rosemont, IL, July 24-25, 2009.

AAOS 2010 Annual Meeting Instructional Course Lecture 6SK, Techniques of Arthroscopic Rotator Cuff Repair; Using Alex Models, New Orleans, LA, March 9-13, 2010.

AAOS 2010 Annual Meeting Instructional Course Lecture 148, Classic and Non-Classical Shoulder Impingement Syndrome: Diagnosis, Treatment, and Pitfalls, New Orleans, LA, March 9-13, 2010.

AAOS 2010 Annual Meeting Instructional Course Lecture 352, Elbow Reconstruction: A Comprehensive Review, New Orleans, LA, March 9-13, 2010.

AAOS/ASES/OTA Proximal Humeral Fractures, Rosemont, IL, May 14-15, 2010.

Michigan Orthopaedic Society Annual Scientific Meeting, Surgical Techniques for Common Orthopaedic Problems, Mackinac Island, MI, June 18-20, 2010.

AAOS/ASES Arthroscopic Management of Rotator Cuff Disease and Instability #3840, Orthopaedic Learning Center, Rosemont, IL, July 23-24, 2010.

The Columbia Shoulder Society 2011 Biennial Meeting, Park City, UT, June 10-11, 2011.

American Academy of Orthopaedic Surgeons 2012 Annual Meeting, Instructional Course Lecture 9SK, Lab Instructor, Shoulder Instability, San Francisco, CA, February 7-11, 2012.

Iowa Orthopaedic Society Spring Meeting, West Des Moines, IA, April 13, 2012.

American Academy of Orthopaedic Surgeons 2013 Annual Meeting, Instructional Course Lecture 9SK, Lab Instructor, Shoulder Instability, Chicago, IL, March 19-23, 2013.

International Congress for Joint Reconstruction 2014 3<sup>rd</sup> Annual Shoulder Course, Las Vegas, NV, September 18-20, 2014.

AAOS/ASES Open and Arthroscopic Techniques in Shoulder Surgery, Rosemont, IL, May 29-30, 2015.

AAOS/ASES Reverse Total Shoulder and Latarjet Procedures, Rosemont, IL, January 29-30, 2016.

The latest concepts in sports surgery of the shoulder and knee. *A hands-on course designed for senior residents and fellows.* Sponsored by Beaumont Health Department of Orthopaedic Surgery. Royal Oak, MI, April 22-23, 2016.

Anatomic and reverse total shoulder arthroplasty: State-of-the-art. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, Rosemont, IL, November 4-5, 2016.

Reverse total shoulder arthroplasty and Latarjet/Open Instability. American Academy of Orthopaedic Surgery / American Shoulder and Elbow Surgeons. Rosemont, IL. 3-4 May 2019.

Anatomic and reverse total shoulder arthroplasty: State-of-the-art. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, Rosemont, IL, November 2-3, 2018.

Running out of room: Management of humeral and glenoid bone deficiency in shoulder arthroplasty. Instructional Course Lecture 187, American Academy of

Orthopaedic Surgeons 2020 Annual Meeting (cancelled due COVID-19 pandemic). Orlando, FL, March 24, 2020.

Surgical planning of shoulder arthroplasty. Symposium VII. Moderator: Walch G. Panel: Delaney RA, Parsons BO, Riccetti ET, **Wiater JM**, Zuckerman JD. American Shoulder and Elbow Surgeons 2020 Virtual Annual Meeting, October 2-3, 2020.

Are we promoting our specialty among our orthopedic peers, medical professionals and in society? Moderator: Abboud JA. Panel: Williams GR, **Wiater JM**, Murthi AM, Galatz LM, Wagner ER, Knudsen ML, Kassam HF, Hebert-Davis J. American Shoulder and Elbow Surgeons Neer Circle Virtual Academic Symposium: *ASES Surgical Educational and Subspecialty Challenges Within the Current Health Care Paradigm*. October 10, 2020.

Ongoing impact of COVID-19 and increasing regulatory environment. Moderator: Levine WN. Panel: Ho JC, **Wiater JM**, Stoll LE, Kassam HF, Armstrong AD, Levy JC, Galatz LM. American Shoulder and Elbow Surgeons Neer Circle Virtual Academic Symposium: *ASES Surgical Educational and Subspecialty Challenges Within the Current Health Care Paradigm*. October 10, 2020.

Levy J, moderator. Abboud JA, Flatow EL, Namdari S, Parson BO, Frankle M, **Wiater JM**, Mazzocca AD, panelists. In *Challenging Problems in Reverse Shoulder Arthroplasty: How I Think It Through*. International Congress of Joint Reconstruction Webinar Series. ICJR Insights: *Advanced Concepts in Shoulder Surgery*. October 14 – November 4, 2020.

Marra G, moderator. **Wiater JM**, Levy J, Jawa A, Routman H, Nicholson G. Outpatient shoulder arthroplasty panel discussion. In *Virtual anatomic and reverse total shoulder arthroplasty: State-of-the-art*. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, November 7, 2020.

### ***Program Chair for Refereed Post-Graduate CME Courses***

**Wiater JM.** Shoulder arthritis: An update. Michigan Orthopaedic Society Shoulder Study Group, Mackinac Island, MI, June 21, 2002.

**Wiater JM.** Shoulder instability. Michigan Orthopaedic Society Shoulder Study Group, Traverse City, MI, June 13, 2003.

**Wiater JM.** Rotator cuff disease. Michigan Orthopaedic Society Shoulder Study Group, Mackinac Island, MI, June 18, 2004.

**Wiater JM.** Total Joint Arthroplasty. 2005 Annual Fall Educational Meeting, Michigan Orthopaedic Society, Kalamazoo, MI, November 9, 2005.

**Wiater JM.** 2006 Annual Scientific Meeting, Michigan Orthopaedic Society, Mackinac Island, June 16-18, 2006.

Arroyo JS, **Wiater JM.** The Columbia Shoulder Society 2011 Biennial Meeting, Park City, UT, June 10-11, 2011.

**Wiater JM.** Shoulder prosthetic arthroplasty options in 2013: What to do and when to do it. Instructional Course Lecture. American Academy of Orthopaedic Surgeons 2013 Annual Meeting, Chicago, IL, March 19-23, 2013.

Abboud JA, **Wiater JM.** Anatomic and reverse total shoulder arthroplasty: State-of-the-art. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, Rosemont, IL, November 4-5, 2016.

Abboud JA, **Wiater JM.** Anatomic and reverse total shoulder arthroplasty: State-of-the-art. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, Rosemont, IL, November 2-3, 2018.

Abboud JA, **Wiater JM.** Virtual anatomic and reverse total shoulder arthroplasty: State-of-the-art. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, November 7, 2020.

### ***Moderator for Refereed National Post-Graduate CME Courses***

**Wiater JM.** 2005 Coding and Reimbursement Program, Michigan Orthopaedic Society, Plymouth, MI, September 15, 2005.

**Wiater JM.** Total Joint Arthroplasty, 2005 Annual Fall Educational Meeting, Michigan Orthopaedic Society, Kalamazoo, MI, November 9, 2005.

**Wiater JM.** Shoulder Fractures. Michigan Orthopaedic Society Shoulder Study Group, Mackinac Island, MI, June 16 2006.

**Wiater JM.** Reverse total shoulder arthroplasty. Michigan Orthopaedic Society Sports Medicine / Shoulder Study Group, Traverse City, MI, June 21, 2007.

**Wiater JM.** Case presentations. Shoulder Study Group. Michigan Orthopaedic Society Annual Scientific Meeting, Traverse City, MI, June 21-23, 2007.



**Wiater JM.** Shoulder scientific podium session. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 20-22, 2008.

**Wiater JM.** Case presentations. Shoulder Study Group. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 20-22, 2008.

**Wiater JM.** Shoulder scientific podium session. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 19-21, 2009.

**Wiater JM.** Controversies in the management of massive rotator cuff tears. Shoulder Study Group. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 19-21, 2009.

**Wiater JM, Pearl M.** Shoulder arthroplasty session. American Shoulder and Elbow Surgeons Open Meeting, New Orleans, LA, March 13, 2010.

**Wiater JM.** General session. The Columbia Shoulder Society 2011 Biennial Meeting, Park City, UT, June 10-11, 2011

**Wiater JM.** Shoulder and elbow imaging session. American Shoulder and Elbow Surgeons Open Meeting, San Diego, CA, February 19, 2011.

**Wiater JM.** Shoulder prosthetic arthroplasty options in 2014: What to do and when to do it. Instructional Course Lecture. American Academy of Orthopaedic Surgeons 2014 Annual Meeting, New Orleans, LA, March 11-15, 2014.

**Wiater JM.** Open vs. arthroscopic stabilization for recurrent instability. AAOS/ASES Open and Arthroscopic Techniques in Shoulder Surgery, Rosemont, IL, May 29-30, 2015.

**Wiater JM.** Instability session. American Shoulder and Elbow Surgeons 2016 Specialty Day Meeting, Orlando, FL, March 5, 2016.

**Wiater JM.** Symposium: Rotator cuff deficiency. Anatomic and reverse total shoulder arthroplasty: State-of-the-art. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, Rosemont, IL, November 4-5, 2016.

**Wiater JM.** Reverse total shoulder arthroplasty. Anatomic and reverse total shoulder arthroplasty: State-of-the-art. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, Rosemont, IL, November 4-5, 2016.

**Wiater JM, Flatow EL.** Symposium I: Arthroplasty. American Shoulder and Elbow Surgeons 2017 Specialty Day Meeting, San Diego, CA, March 18, 2017.

**Wiater JM.** Symposium: Irreparable rotator cuff. Blaine TA, Tashjian RZ, Sethi P, Sanchez-Sotelo J. Anatomic and reverse total shoulder arthroplasty: State-of-the-art. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, Rosemont, IL, November 2-3, 2018.

**Wiater JM.** Reverse total shoulder arthroplasty. Collins DN, Keener JD, Marra G, Abboud J, Tashjian RZ, Noel C. Anatomic and reverse total shoulder arthroplasty: State-of-the-art. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, Rosemont, IL, November 2-3, 2018.

**Wiater JM.** Session II. Reverse total shoulder arthroplasty. In *Virtual anatomic and reverse total shoulder arthroplasty: State-of-the-art*. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons, November 7, 2020.

### ***Moderator for International Post-Graduate non-CME Courses***

**Wiater JM.** Session 1: Establishing a baseline. Session 2: Four-part fractures and their issues. Session 3: Shoulder replacement : Primary and reverse. Zimmer Expert Surgeon Training Upper Limb Arthroplasty Event. Gold Coast, Queensland, Australia. September 5, 2014.

### ***Live Surgical Demonstration for Refereed Post-Graduate CME Courses***

**Wiater JM.** Reverse total shoulder arthroplasty. Open and Arthroscopic Techniques in Shoulder Surgery, Rosemont, IL, May 15-16, 2009.

### ***Live Surgical Demonstration for Post-Graduate Non-CME Courses***

**Wiater JM.** Synthes EPOCA total shoulder arthroplasty lab instructional. Ingham Regional Orthopedic Hospital, Orthopaedic Surgery Residency Program, Lansing, MI, January 23, 2010.

**Wiater JM.** Zimmer Trabecular Metal Reverse Shoulder System. Surgical skills workshop. Zimmer Theater and Surgical Skills Workshops, 2010 AAOS Annual Meeting, Zimmer Booth #2235, New Orleans, LA, March 10, 2010.

**Wiater JM.** Bigliani-Flatow The Complete Surgical Solution and Zimmer Trabecular Metal Humeral Stem. Surgical demonstration. Zimmer Institute Surgical Skills Training, San Francisco, April 16, 2010

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Surgical demonstration. Zimmer Institute Surgical Skills Training, San Francisco, April 17, 2010

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Surgical demonstration. Zimmer Institute Surgical Skills Training, Warsaw, IN, September 30, 2010.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Surgical demonstration. Zimmer Institute Surgical Skills Training, Miami, FL, April 15, 2011.

**Wiater JM.** Bigliani-Flatow The Complete Surgical Solution and Zimmer Trabecular Metal Humeral Stem. Surgical demonstration. Zimmer Institute Surgical Skills Training, Miami, FL, April 16, 2011

**Wiater JM.** Total shoulder arthroplasty. Surgical demonstration. Management of Proximal Humerus Fractures & Cadaver Lab: Synthes EPOCA Shoulder Prosthesis. Beaumont Health System, Royal Oak, MI, September 24, 2011.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Surgical demonstration. Zimmer Institute Surgical Skills Training, Gulf Breeze, FL, November 3, 2011.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Surgical demonstration. Zimmer Institute Surgical Skills Training, West Des Moines, IA, April 14, 2012.

**Wiater JM.** Reverse total shoulder arthroplasty patient-specific instrumentation. *In:* Expert interactions in shoulder arthroplasty: Zimmer trabecular metal reverse shoulder system. Burr Ridge, IL, May 18, 2013.

**Wiater JM.** Reverse shoulder arthroplasty. Controversies and Emerging Technologies for Fellows in Shoulder and Elbow Surgery. Sponsored by Zimmer. Miami, FL, July 12-13, 2013.

**Wiater JM.** Delta Xtend™ Key Steps Sawbones Demonstration. DePuy-Synthes Institute, Aurora, CO, October 11, 2013.

**Wiater JM.** Reverse total shoulder arthroplasty patient-specific instrumentation demonstration. *In:* Controversies and emerging technologies for fellows in shoulder and elbow surgery. Sponsored by Zimmer. Oquendo Center, Las Vegas, NV, October 3, 2014.

**Wiater JM.** Nexel total elbow surgical demonstration. *In: Controversies and emerging technologies for fellows in shoulder and elbow surgery.* Sponsored by Zimmer. Oquendo Center, Las Vegas, NV, October 3, 2014.

**Wiater JM.** Reverse total shoulder arthroplasty patient-specific instrumentation demonstration. Sponsored by Zimmer. Chicago, IL, May 28, 2015.

**Wiater JM.** Reverse total shoulder arthroplasty patient-specific instrumentation demonstration. ZimmerBiomet Shoulder Arthroplasty Fellows Course, Burr Ridge, IL, April 9, 2016.

**Wiater JM.** The Latarjet procedure. *The latest concepts in sports surgery of the shoulder and knee: A hands-on course designed for senior residents and fellows.* Sponsored by Beaumont Health Department of Orthopaedic Surgery. Royal Oak, MI, April 22-23, 2016.

**Wiater JM.** Shoulder arthroplasty exposure techniques demonstration. Anatomic to Reverse Shoulder Arthroplasty Course. DePuy-Synthes Institute, Atlanta, GA, May 13, 2016.

**Wiater JM.** GLOBAL STEPTECH anchor peg glenoid sawbones demonstration. DePuy Synthes Institute Anatomic to Reverse Shoulder Arthroplasty Cadaveric Course. Palm Beach Gardens, FL, October 28, 2016.

Garberina M, **Wiater JM (Moderator).** DELTA XTEND reverse shoulder system key steps sawbones demonstration. DePuy Synthes Institute Anatomic to Reverse Shoulder Arthroplasty Cadaveric Course. Palm Beach Gardens, FL, January 20, 2017.

**Wiater JM.** The Latarjet procedure. *The latest concepts in sports surgery of the shoulder and knee: A hands-on course designed for senior residents and fellows.* Sponsored by Beaumont Health Department of Orthopaedic Surgery. Royal Oak, MI, September 13, 2017.

**Wiater JM.** ZimmerBiomet Comprehensive reverse total shoulder arthroplasty with augmented baseplate. ZimmerBiomet Shoulder Arthroplasty Instructional Course, Columbia, MD, 11-12 July 2019.

***Invited Facilitator and Scientific Presentations for Industry Sponsored Non-CME Surgical Skills Course***

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Lecture and surgical demonstration. Zimmer Institute Surgical Skills Training, Warsaw, IN, June 16, 2007.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Lecture and surgical demonstration. Zimmer Institute Surgical Skills Training, Warsaw, IN, October 3, 2008.

**Wiater JM.** Total shoulder shoulder arthroplasty course: Bigliani/Flatow The Complete Shoulder Solution. Lecture and surgical demonstration. Zimmer Institute Surgical Skills Training, Warsaw, IN, October 4, 2008.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Surgical demonstration. Zimmer Institute Surgical Skills Training, Phoenix, AZ, October 24, 2008.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Surgical demonstration. Zimmer Institute Surgical Skills Training, Irvine, CA, November 7, 2008.

**Wiater JM.** Total shoulder shoulder arthroplasty course: Bigliani/Flatow The Complete Shoulder Solution. Lecture. Zimmer Institute Surgical Skills Training, Irvine, CA, November 8, 2008.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Surgical demonstration. Zimmer Institute Surgical Skills Training, Warsaw, IN, December 5, 2008.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Lecture. Zimmer Institute Surgical Skills Training, Warsaw, IN, February 7, 2009.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Lecture. Zimmer Institute Surgical Skills Training, Dallas, TX, March 21, 2009.

**Wiater JM.** Total shoulder shoulder arthroplasty course: Bigliani/Flatow The Complete Shoulder Solution. Lecture and surgical demonstration. Zimmer Institute Surgical Skills Training, Tucson, AZ, March 28, 2009

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Lecture and surgical demonstration. Zimmer Institute Surgical Skills Training, Celebration, FL, April 23, 2009.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Surgical demonstration. Zimmer Institute Surgical Skills Training, Celebration, FL, April 24, 2009.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Surgical demonstration. Zimmer Institute Surgical Skills Training, New Jersey, December 2009.

**Wiater JM.** Zimmer Trabecular Metal Reverse Shoulder System: Effects of Prosthetic Positioning on Scapular Notching in Reverse Shoulder. Lecture. Zimmer Theater and Surgical Skills Workshops, 2010 AAOS Annual Meeting, Zimmer Booth #2235, New Orleans, LA, March 10, 2010.

**Wiater JM.** Bigliani-Flatow The Complete Surgical Solution and Zimmer Trabecular Metal Humeral Stem. Zimmer Institute Surgical Skills Training, San Francisco, April 16, 2010.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Zimmer Institute Surgical Skills Training, San Francisco, April 17, 2010.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Zimmer Institute Surgical Skills Training, Warsaw, IN, September 30, 2010.

**Wiater JM.** Gross rotator cuff deficiency: Reverse total shoulder arthroplasty vs repair. An Evening of Education, Zimmer Institute, San Diego, CA, February 17, 2011.

**Wiater JM.** Expert Interactions in Shoulder Arthroplasty: Bigliani/Flatow Shoulder Solutions and Zimmer Trabecular Metal Reverse Shoulder System. Miami, FL, April 15, 2011.

**Wiater JM.** Trabecular metal reverse shoulder system. Expert Interactions in Shoulder Arthroplasty with Zimmer Trabecular Metal Reverse Shoulder System. Lecture and surgical demonstration. Miami, FL, April 16, 2011.

**Wiater JM.** Zimmer trabecular metal reverse shoulder. Zimmer Extraumaties Course: Proximal Humerus Fracture Solutions. Lecture. Chicago, IL, August 4, 2011.

**Wiater JM.** Exposure techniques for total shoulder arthroplasty. Management of Proximal Humerus Fractures & Cadaver Lab: Synthes EPOCA Shoulder Prosthesis. Beaumont Health System, Royal Oak, MI, September 24, 2011.

**Wiater JM.** Trabecular metal reverse shoulder arthroplasty course. Zimmer Institute Surgical Skills Training, Henderson, NV, May 4-5, 2012.

**Wiater JM.** Shoulder trauma case presentations. Zimmer National Residents Meeting, Chicago, IL, August 10, 2012.

**Wiater JM.** Reverse total shoulder arthroplasty for acute proximal humerus fractures. Zimmer National Residents Meeting, Chicago, IL, August 10, 2012.

**Wiater JM.** Expert interactions in shoulder arthroplasty: Zimmer trabecular metal reverse shoulder system. Burr Ridge, IL, May 18, 2013.

**Wiater JM.** Delta Xtend™ key steps. Global Unite™ Cadaveric Course, DePuy-Synthes Institute, Aurora, CO, October 10, 2013.

**Wiater JM.** Current options for severely comminuted proximal humerus fractures. Global Unite™ Cadaveric Course, DePuy-Synthes Institute, Aurora, CO, October 10, 2013.

**Wiater JM.** Platform systems. Anatomic and reverse cadaveric shoulder course, DePuy-Synthes Institute, Aurora, CO, October 11, 2013.

**Wiater JM.** Cuff tear arthropathy: Seebauer classification and Grammont principles. Anatomic and reverse cadaveric shoulder course, DePuy-Synthes Institute, Aurora, CO, October 11, 2013.

**Wiater JM.** Expert interactions in shoulder arthroplasty: Zimmer trabecular metal reverse shoulder system patient-specific instrumentation. Bethlehem, PA. April 25, 2014.

**Wiater JM.** Delta XTend design rationale and surgical technique. Shoulder Fellowship Summit, DePuy-Synthes Institute, MERIN, Henderson, NV, May 29-30, 2014.

**Wiater JM.** Hemi vs total shoulder arthroplasty. Does biologic resurfacing of the glenoid work? Shoulder Fellowship Summit, DePuy-Synthes Institute, MERIN, Henderson, NV, May 29-30, 2014.

**Wiater JM.** Postoperative management of the infected patient. Revision shoulder arthroplasty course. Donjoy Orthopaedics Global Institute, Tampa, FL, August 8-9, 2014.

**Wiater JM.** Complex case review. Revision shoulder arthroplasty course. Donjoy Orthopaedics Global Institute, Tampa, FL, August 8-9, 2014.

**Wiater JM.** Interactive panel discussion: To Allograft Or Not? Con allograft. Revision shoulder arthroplasty course. Donjoy Orthopaedics Global Institute, Tampa, FL, August 8-9, 2014.

**Wiater JM.** Managing the stem: Is allograft augmentation necessary? Revision shoulder arthroplasty course. Donjoy Orthopaedics Global Institute, Tampa, FL, August 8-9, 2014.

**Wiater JM.** Tips for humeral stem choice. Revision shoulder arthroplasty course. Donjoy Orthopaedics Global Institute, Tampa, FL, August 8-9, 2014.

**Wiater JM.** Interactive panel discussion: What do I do with the stem during revision? Revision shoulder arthroplasty course. Donjoy Orthopaedics Global Institute, Tampa, FL, August 8-9, 2014.

Murthi A, **Wiater JM.** Interactive case debates: ORIF, hemi, or reverse? *In:* Controversies and emerging technologies for fellows in shoulder and elbow surgery. Zimmer Institute. Oquendo Center, Las Vegas, NV, October 3, 2014.

**Wiater JM.** Trabecular metal reverse shoulder system: Surgical technique and glenoid exposure. *In:* Controversies and emerging technologies for fellows in shoulder and elbow surgery. Zimmer Institute. Oquendo Center, Las Vegas, NV, October 3, 2014.

**Wiater JM.** Patient specific instruments (PSI) for reverse shoulder arthroplasty. *In:* Controversies and emerging technologies for fellows in shoulder and elbow surgery. Zimmer Institute. Oquendo Center, Las Vegas, NV, October 3, 2014.

Murthi A, **Wiater JM.** Interactive case debates: Total elbow arthroplasty for fracture. *In:* Controversies and emerging technologies for fellows in shoulder and elbow surgery. Zimmer Institute. Oquendo Center, Las Vegas, NV, October 3, 2014.

**Wiater JM.** Nexel total elbow: Surgical technique and technical considerations. *In:* Controversies and emerging technologies for fellows in shoulder and elbow surgery. Zimmer Institute. Oquendo Center, Las Vegas, NV, October 3, 2014.

Murthi A, **Wiater JM.** Shoulder and elbow fellow case presentations. *In:* Controversies and emerging technologies for fellows in shoulder and elbow surgery. Zimmer Institute. Oquendo Center, Las Vegas, NV, October 3, 2014.

**Wiater JM.** Global anchor peg glenoid system: Design rationale and surgical technique. Anatomic to reverse shoulder arthroplasty cadaveric course. DePuy-Synthes Institute. Aurora, CO, October 24, 2014.

Codsi M, Collins D, Weinstein D, **Wiater JM,** Wirth M. Rapid fire panel discussion – Exposure techniques. Anatomic to reverse shoulder arthroplasty cadaveric course. DePuy-Synthes Institute. Aurora, CO, October 24, 2014.

Codsi M, Collins D, Weinstein D, **Wiater JM,** Wirth M. Panel discussion – Anatomic solutions. Anatomic to reverse shoulder arthroplasty cadaveric course. DePuy-Synthes Institute. Aurora, CO, October 24, 2014.



Codsi M, Collins D, Weinstein D, **Wiater JM**, Wirth M. Panel discussion – Reverse solutions. Anatomic to reverse shoulder arthroplasty cadaveric course. DePuy-Synthes Institute. Aurora, CO, October 24, 2014.

Codsi M, Collins D, Weinstein D, **Wiater JM**, Wirth M. Cadaveric lab – Total shoulder arthroplasty with optional conversion featuring GLOBAL UNITE anatomic platform shoulder system, GLOBAL anchor peg glenoid system, GLOBAL ENABLE retractor system, shoulder extraction instruments, and DELTA XTEND reverse shoulder system. Anatomic to reverse shoulder arthroplasty cadaveric course. DePuy-Synthes Institute. Aurora, CO, October 24, 2014.

Codsi M, Collins D, Weinstein D, **Wiater JM**, Wirth M. Reverse solutions arthroplasty cadaveric lab with DELTA XTEND reverse shoulder system. Anatomic to reverse shoulder arthroplasty cadaveric course. DePuy-Synthes Institute. Aurora, CO, October 24, 2014.

**Wiater JM**. Global anchor peg glenoid system: Design rationale and surgical technique. Anatomic to reverse shoulder arthroplasty cadaveric course. DePuy-Synthes Institute. Seattle, WA, April 24, 2015.

Basamania C, Codsi M, Collins D, Weinstein D, **Wiater JM**, Wirth M. Rapid fire panel discussion – Exposure techniques. Anatomic to reverse shoulder arthroplasty cadaveric course. DePuy-Synthes Institute. Seattle, WA, April 24, 2015.

Basamania C, Codsi M, Collins D, Weinstein D, **Wiater JM**, Wirth M. Panel discussion – Anatomic solutions. Anatomic to reverse shoulder arthroplasty cadaveric course. DePuy-Synthes Institute. Seattle, WA, April 24, 2015.

Basamania C, Codsi M, Collins D, Weinstein D, **Wiater JM**, Wirth M. Panel discussion – Reverse solutions. Anatomic to reverse shoulder arthroplasty cadaveric course. DePuy-Synthes Institute. Seattle, WA, April 24, 2015.

Basamania C, Codsi M, Collins D, Weinstein D, **Wiater JM**, Wirth M. Cadaveric lab – Total shoulder arthroplasty with optional conversion featuring GLOBAL UNITE anatomic platform shoulder system, GLOBAL anchor peg glenoid system, GLOBAL ENABLE retractor system, shoulder extraction instruments, and DELTA XTEND reverse shoulder system. Anatomic to reverse shoulder arthroplasty cadaveric course. DePuy-Synthes Institute. Seattle, WA, April 24, 2015.

Basamania C, Codsi M, Collins D, Weinstein D, **Wiater JM**, Wirth M. Reverse solutions arthroplasty cadaveric lab with DELTA XTEND reverse shoulder system. Anatomic to reverse shoulder arthroplasty cadaveric course. DePuy-Synthes Institute. Seattle, WA, April 24, 2015.

**Wiater JM.** How to expose and replace the glenoid. Reverse total shoulder arthroplasty patient-specific instrumentation course. Sponsored by Zimmer. Chicago, IL, May 28, 2015.

**Wiater JM.** PSI case presentations. Reverse total shoulder arthroplasty patient-specific instrumentation course. Sponsored by Zimmer. Chicago, IL, May 28, 2015.

**Wiater JM.** Shoulder arthroscopy lab for orthopaedic residents. Fall Visiting Professor, University of Oklahoma Health Sciences Center, Department of Orthopaedic Surgery, Oklahoma City, OK, November 19-20, 2015.

**Wiater JM.** Reverse total shoulder arthroplasty: Indications, pearls, and pitfalls. ZimmerBiomet Shoulder Arthroplasty Fellows Course, Burr Ridge, IL, April 9, 2016.

Favorito P, Bishai S, Brockmeier S, Ricchetti E, Weinstein D, **Wiater JM.** Rapid fire panel discussion – Exposure techniques. Anatomic to Reverse Shoulder Arthroplasty Course. DePuy-Synthes Institute, Atlanta, GA, May 13, 2016.

**Wiater JM.** GLOBAL anchor peg glenoid system design rationale and surgical technique. Anatomic to Reverse Shoulder Arthroplasty Course. DePuy-Synthes Institute, Atlanta, GA, May 13, 2016.

Favorito P, Bishai S, Brockmeier S, Ricchetti E, Weinstein D, **Wiater JM.** Rapid fire panel discussion – Anatomic solutions. Anatomic to Reverse Shoulder Arthroplasty Course. DePuy-Synthes Institute, Atlanta, GA, May 13, 2016.

Favorito P, Bishai S, Brockmeier S, Ricchetti E, Weinstein D, **Wiater JM.** Cadaveric lab – Anatomic total shoulder arthroplasty. Anatomic to Reverse Shoulder Arthroplasty Course. DePuy-Synthes Institute, Atlanta, GA, May 13, 2016.

**Wiater JM.** Delta Extend reverse shoulder system design rationale and surgical technique. Anatomic to Reverse Shoulder Arthroplasty Course. DePuy-Synthes Institute, Atlanta, GA, May 13, 2016.

**Wiater JM.** Moderator: Delta Extend reverse shoulder system key steps surgical demonstration.. Anatomic to Reverse Shoulder Arthroplasty Course. DePuy-Synthes Institute, Atlanta, GA, May 13, 2016.

Favorito P, Bishai S, Brockmeier S, Ricchetti E, Weinstein D, **Wiater JM.** Rapid fire panel discussion – Reverse solutions. Anatomic to Reverse Shoulder Arthroplasty Course. DePuy-Synthes Institute, Atlanta, GA, May 13, 2016.

Favorito P, Bishai S, Brockmeier S, Ricchetti E, Weinstein D, **Wiater JM**. Cadaveric lab – Reverse total shoulder arthroplasty. Anatomic to Reverse Shoulder Arthroplasty Course. DePuy-Synthes Institute, Atlanta, GA, May 13, 2016.

Duquin T, Brockmeier S, **Wiater JM**. Surgeon Roundtable Discussion. Zimmer-Biomet Shoulder Arthroplasty Advanced Course, Parsippany, NJ. October 20-21, 2016.

**Wiater JM**. Reverse total shoulder arthroplasty. Zimmer-Biomet Shoulder Arthroplasty Advanced Course, Parsippany, NJ. October 20-21, 2016.

**Wiater JM**. Challenging reverse total shoulder arthroplasty cases. Zimmer-Biomet Shoulder Arthroplasty Advanced Course, Parsippany, NJ. October 20-21, 2016.

**Wiater JM (Course Chairman)**, Boardman D, Bohsali K, Garberina M, Stueve J, Wirth M. GLOBAL anchor peg glenoid system design rationale and surgical technique. DePuy Synthes Institute Anatomic to Reverse Shoulder Arthroplasty Cadaveric Course. Palm Beach Gardens, FL, October 28, 2016.

**Wiater JM**. GLOBAL anchor peg glenoid system design rationale and surgical technique. DePuy Synthes Institute Anatomic to Reverse Shoulder Arthroplasty Cadaveric Course. Palm Beach Gardens, January 20, 2017.

Wirth M (Chairman), Bohsali K, Favorito P, Garberina M, Lutton D, **Wiater JM**. Rapid fire panel discussion – Exposure techniques. DePuy Synthes Institute Anatomic to Reverse Shoulder Arthroplasty Cadaveric Course. Palm Beach Gardens, January 20, 2017.

Wirth M (Chairman), Bohsali K, Favorito P, Garberina M, Lutton D, **Wiater JM**. Rapid fire panel discussion – Anatomic solutions. DePuy Synthes Institute Anatomic to Reverse Shoulder Arthroplasty Cadaveric Course. Palm Beach Gardens, January 20, 2017.

Wirth M (Chairman), Bohsali K, Favorito P, Garberina M, Lutton D, **Wiater JM**. Cadaveric lab – Anatomic total shoulder arthroplasty with optional conversion featuring GLOBAL UNITE anatomic platform shoulder system, GLOBAL anchor peg glenoid system, GLOBAL ENABLE retractor system shoulder extraction instruments, and DELTA XTEND reverse shoulder system. DePuy Synthes Institute Anatomic to Reverse Shoulder Arthroplasty Cadaveric Course. Palm Beach Gardens, January 20, 2017.

Wirth M (Chairman), Bohsali K, Favorito P, Garberina M, Lutton D, **Wiater JM**. Cadaveric lab – Reverse total shoulder arthroplasty with DELTA XTEND reverse

shoulder system. DePuy Synthes Institute Anatomic to Reverse Shoulder Arthroplasty Cadaveric Course. Palm Beach Gardens, January 20, 2017.

**Wiater JM**, Duquin T, Krupp R. Zimmer-Biomet shoulder arthroplasty instructional course. Chicago, IL, 28-29 March 2019.

**Wiater JM**. *Comprehensive shoulder system review and cases*. Zimmer-Biomet shoulder arthroplasty instructional course. Chicago, IL, 28-29 March 2019.

**Wiater JM**. *Reverse shoulder arthroplasty presentations and case discussion – Q&A*. Zimmer-Biomet shoulder arthroplasty instructional course. Chicago, IL, 28-29 March 2019.

**Wiater JM**. *ZimmerBiomet Comprehensive reverse total shoulder arthroplasty with augmented baseplate*. ZimmerBiomet Shoulder Arthroplasty Instructional Course, Columbia, MD, 11-12 July 2019.

**Wiater JM**. Case studies: Difficult pathologies treated with the Catalyst CSR total shoulder system. Catalyst OrthoScience Virtual Reality Shoulder Symposium and Lab. Faculty: Levine WN, Murthi A, **Wiater JM**. October 10, 2020.

Interactive virtual reality cadaveric session with Catalyst CSR anatomic total shoulder arthroplasty. Immertec VR platform. Surgeon: Levine WN. Moderator: **Wiater JM**. Catalyst OrthoScience Virtual Reality Shoulder Symposium and Lab. October 10, 2020.

***Scientific Presentations at Refereed International CME Meetings (by acceptance of abstract submitted)***

**Wiater JM**, Sugalski MT, Levine WN, Bigliani LU. An anatomic study of the humeral attachment of the inferior glenohumeral capsule. 8<sup>th</sup> International Congress on Surgery of the Shoulder, Cape Town, South Africa, April 23-26, 2001.

**Wiater, JM**, Kempton L. A prospective study of the early complication rate of the initial 100 reverse total shoulder arthroplasties by a single US surgeon. Combined Meeting of the 121<sup>st</sup> Annual Meeting of the American Orthopaedic Association and the 63<sup>rd</sup> Annual Meeting of the Canadian Orthopaedic Association, Quebec City, Quebec, Canada, June 4-7, 2008.

***Scientific Presentations at Refereed International CME Meetings (by acceptance of abstract submitted), Paper read by Co-Author***

**Wiater JM**, Buss DD, Freehill MQ, Hattrup SJ, Lee JA, Levine WN, Flatow EL, Bigliani LU, Blaine TA. A prospective multicenter evaluation of total shoulder replacement for primary glenohumeral arthritis: Minimum two-year follow-up in 102 patients. SECEC 20<sup>th</sup> Annual Congress, Athens, Greece, September 20-23, 2006.

Gowda A, Ho AG, Chuinard C, **Wiater JM**. Stemless humeral component in total shoulder arthroplasty: Two-year age-related clinical outcomes. 13<sup>th</sup> Annual International Congress of Shoulder and Elbow Surgery, Jeju, Korea. 18-20 March 2016.

***Invited Program Chairman at Refereed International CME Meetings***

**Wiater JM**, Jiang C-Y, course co-chairman. 11<sup>th</sup> International Congress of the Chinese Orthopaedic Association – American Academy of Orthopaedic Surgeons – Chinese Shoulder and Elbow Society combined meeting. Beijing, China, November 17-20, 2016.

***Invited Lecturer at Refereed International CME Meetings***

**Wiater, JM**. Shoulder hemiarthroplasty for proximal humerus fractures. Orthopaedic Trauma Association 18<sup>th</sup> Annual Meeting, Toronto, ON, October 11-13, 2002.

**Wiater JM**. Welcome and introductions. 11<sup>th</sup> International Congress of the Chinese Orthopaedic Association – American Academy of Orthopaedic Surgeons – Chinese Shoulder and Elbow Society combined meeting. Beijing, China, November 17-20, 2016.

**Wiater JM**. Reverse arthroplasty for proximal humerus fractures – Pearls and pitfalls: Case-based presentation. 11<sup>th</sup> International Congress of the Chinese Orthopaedic Association – American Academy of Orthopaedic Surgeons – Chinese Shoulder and Elbow Society combined meeting. Beijing, China, November 17-20, 2016.

**Wiater JM**. Massive and irreparable rotator cuff tears: Where are we and what is new (Non-prosthetic treatment). 11<sup>th</sup> International Congress of the Chinese Orthopaedic Association – American Academy of Orthopaedic Surgeons –

Chinese Shoulder and Elbow Society combined meeting. Beijing, China, November 17-20, 2016.

***Invited Lecturer at International Non-CME Meetings***

**Wiater JM.** Review of current reverse total shoulder arthroplasty systems: Likes and dislikes. Synthes EPOCA Reverse Developers Meeting, Edinburgh, Scotland, September 5, 2010.

**Wiater JM.** Patient-specific instrumentation for reverse total shoulder arthroplasty. Zimmer Expert Surgeon Training Mini-Interactions Meeting, Gold Coast, Queensland, Australia, September 4, 2014.

**Wiater JM.** Current US trends in upper limb arthroplasty. Zimmer Expert Surgeon Training Upper Limb Arthroplasty Event. Gold Coast, Queensland, Australia, September 5, 2014.

**Wiater JM.** Four-part fractures. Zimmer Expert Surgeon Training Upper Limb Arthroplasty Event. Gold Coast, Queensland, Australia, September 5, 2014.

**Wiater JM.** Reverse total shoulder as a front line replacement. Zimmer Expert Surgeon Training Upper Limb Arthroplasty Event. Gold Coast, Queensland, Australia, September 5, 2014.

**Wiater JM.** Total shoulder and reverse total shoulder arthroplasty: Technical tips. Zimmer Trauma/Extremities/Surgical Recertification Meeting. Gold Coast, Queensland, Australia, September 5, 2014.

**Wiater JM.** Relevance of trabecular metal for the upper limb surgeon. Zimmer Trauma/Extremities/Surgical Recertification Meeting. Gold Coast, Queensland, Australia, September 6, 2014.

***Scientific Presentations at Refereed National CME Meetings (by acceptance of abstract submitted)***

**Wiater JM,** Djurasovic M, Marra G, Flatow EL, Bigliani LU. Bilateral shoulder replacement. American Shoulder and Elbow Surgeons Specialty Day Meeting, Anaheim, CA, February 7, 1999.

**Wiater JM**, Sugalski M, Levine WN, Bigliani LU. An anatomic study of the inferior humeral attachment of the glenohumeral capsule. 7<sup>th</sup> Annual West Point Sports Medicine / Shoulder Fellow's Day Conference, West Point, NY, June 4, 1999.

**Wiater JM**, Marra G, Flatow EL, Bigliani LU. Surgical management of glenohumeral arthritis with massive rotator cuff tear. *The Elbow: The Joint Beyond*. Zimmer Fellows Program, Chicago, IL, August 7, 1999.

**Wiater JM**, Park J-Y, Freehill MQ, Levine WN, Pollock RG, Bigliani LU. Results of rotator cuff repair after anterior shoulder dislocation in the older patient. American Shoulder and Elbow Surgeons 16<sup>th</sup> Open Meeting, Orlando, FL, March 18, 2000.

**Wiater JM**, O'Driscoll SW. Elbow arthroscopic neuroanatomy. First Annual Mayo Elbow Club Meeting, Rochester, MN, June 8, 2000.

**Wiater JM**, Morrey BF, O'Driscoll SW. Simultaneous bilateral total elbow arthroplasties for severe rheumatoid arthritis. American Shoulder and Elbow Surgeons 17<sup>th</sup> Open Meeting, San Francisco, CA, March 3, 2001.

**Wiater JM**, Kippe MA, Nowinski G. Surgical treatment of displaced proximal humerus fractures with a short intramedullary nail. American Academy of Orthopaedic Surgeons / American Shoulder and Elbow Surgeons 5<sup>th</sup> Biennial Meeting, Shoulder and Elbow: Current Techniques and Controversies, Orlando, FL, April 6-9, 2006.

**Wiater JM**. Early results of reverse total shoulder arthroplasty with a Delta III-type prosthesis. American Shoulder and Elbow Surgeons 23<sup>rd</sup> Annual Closed Meeting, Chicago, IL, September 13-15, 2006.

**Wiater JM**, Kippe MA, Nowinski G. Surgical treatment of displaced proximal humerus fractures with a short intramedullary nail. American Shoulder and Elbow Surgeons 23<sup>rd</sup> Annual Open Meeting, San Diego, CA, February 17, 2007.

**Wiater JM**, Vaupel Z, Mangla J, Baker KC. A preliminary report on the influence of glenosphere design features on the polyethylene wear of reverse total shoulder arthroplasty systems: An in vitro wear simulation. American Shoulder and Elbow Surgeons 26<sup>th</sup> Annual Closed Meeting, New York, NY, October 24-27, 2009.

**Wiater JM**, Budge MD, Zimel M, Nolan EM, Moravek J: Reverse total shoulder arthroplasty for the management of failed shoulder arthroplasty with proximal humeral bone loss: Is allograft augmentation necessary? American Shoulder and Elbow Surgeons 28<sup>th</sup> Annual Closed Meeting, White Sulphur Springs, WV, October 12-15, 2011.

**Wiater JM**, Shields EJ, Kouiter D, Maerz T, Schwark A: Previous rotator cuff repair is associated with inferior outcomes after reverse total shoulder arthroplasty. American Shoulder and Elbow Surgeons 2017 Annual Meeting, New Orleans, LA, October 12-14, 2017.

**Wiater JM**, Wright J, Levy JC, Wright SA, Brockmeier SF, Duquin TR. Prospective, blinded, randomized controlled trial of stemless versus stemmed anatomic total shoulder arthroplasty. American Academy of Orthopaedic Surgeons 2020 Annual Meeting, ePaper 605-2020, [www.aaos.org](http://www.aaos.org). Orlando, FL, 24-28 March 2020.

Shields EJ, Koueiter D, **Wiater JM**. Rate of improvement in outcomes measures after reverse total shoulder arthroplasty: A longitudinal study with two-year follow-up. American Academy of Orthopaedic Surgeons 2020 Annual Meeting, ePaper 050-2020, [www.aaos.org](http://www.aaos.org). Orlando, FL, 24-28 March 2020.

**Wiater JM**, Levy JC, Wright SA, Brockmeier SF, Duquin TR, Wright JO, Codd TP. Prospective, blinded, randomized, controlled trial of stemless versus stemmed humeral components in anatomic total shoulder arthroplasty at short-term follow-up. e-Presentation. American Shoulder and Elbow Surgeons 2020 Virtual Annual Meeting, October 2-3, 2020.

***Scientific Presentations at Refereed National CME Meetings (by acceptance of abstract submitted), Paper Read by Co-Author***

Bigliani LU, **Wiater JM**, Marra G, Levine WN, Pollock RG, Flatow EL. Surgical management of glenohumeral arthritis with massive rotator cuff tears. American Shoulder and Elbow Surgeons 15th Annual Closed Meeting, New York, NY, November 5-8, 1998.

Miller MD, Acherboim M, **Wiater JM**, Levine WN, Pollock RG, Flatow EL, Bigliani LU. Arthroscopic treatment of anterosuperior shoulder pain in teenage athletes. Arthroscopy Association of North America 18<sup>th</sup> Annual Meeting, Vancouver BC, Canada, April 15-18, 1999

Maxy R, Marra G, **Wiater JM**, Pollock RG, Bigliani LU. Arthroscopic debridement of glenohumeral osteoarthritis: Long term results. Arthroscopy Association of North America 18<sup>th</sup> Annual Meeting, Vancouver BC, Canada, April 15-18, 1999.

Zawadsky M, **Wiater JM**, Marra G, Levine WN, Flatow EL, Bigliani LU. Osteolysis of the distal clavicle: Long term results of arthroscopic resection. Arthroscopy Association of North America 18<sup>th</sup> Annual Meeting, Vancouver BC, Canada, April 15-18, 1999.



Bigliani LU, Park J-Y, Marra G, **Wiater JM**, Pollock RG, Flatow EL. Repair of massive rotator cuff tears: Long term follow-up. 112<sup>th</sup> Annual Meeting of the American Orthopaedic Association, Sun Valley, ID, June 5-8, 1999.

Pollock RG, Marra G, **Wiater JM**, Levine WN, Bigliani LU. Shoulder arthroplasty for avascular necrosis. American Shoulder and Elbow Surgeons 16<sup>th</sup> Annual Closed Meeting, Philadelphia, PA, October 14, 1999.

Bigliani LU, **Wiater JM**, Park J-Y, Freehill MQ, Levine WN, Pollock RG. Results of rotator cuff repair after anterior shoulder dislocation in the older patient. American Shoulder and Elbow Surgeons 16<sup>th</sup> Annual Closed Meeting, Philadelphia, PA, October 14, 1999.

Shubin Stein B, **Wiater JM**, Pfaff CH, Bigliani LU, Levine WN. Detection of AC joint pathology in asymptomatic shoulders using MRI. American Orthopaedic Association Resident's Conference, St. Louis, MO, February 25, 2000.

Bigliani LU, **Wiater JM**, Marra G, Levine WN, Flatow EL, Pollock RG. Surgical management of glenohumeral arthritis with massive rotator cuff tears. American Shoulder and Elbow Surgeons 16<sup>th</sup> Open Meeting, Orlando, FL, March 18, 2000.

Zawadsky M, **Wiater JM**, Levine WN, Pollock RG, Bigliani LU. Osteolysis of the distal clavicle: Long term results of arthroscopic resection. American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting, Miami, FL, March 15-19, 2000.

Marra G, **Wiater JM**, Levine WN, Bigliani LU. Management of neurologic lesions with rotator cuff tears. American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting, Miami, FL, March 15-19, 2000.

Marra G, **Wiater JM**, Levine WN, Pollock RG, Bigliani LU. Shoulder arthroplasty for avascular necrosis. American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting, Miami, FL, March 15-19, 2000.

**Wiater JM**, Park J-Y, Freehill MQ, Levine WN, Pollock RG, Bigliani LU. Results of rotator cuff repair after anterior shoulder dislocation in the older patient. American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting, Miami, FL, March 15-19, 2000.

Joseph D, **Wiater JM**, Levine WN, Pollock RG, Flatow EL, Bigliani LU. Open reduction and internal fixation of displaced greater tuberosity fractures of the proximal humerus. 2<sup>nd</sup> Biennial AAOS/ASES Shoulder and Elbow Meeting, Miami Beach, FL, May 4-7, 2000.

Placzek J, Roubal P, **Wiater JM**, Freeman DC. Shoulder outcome measures: A comparison of seven functional tests. Mid-America Orthopaedic Association 19<sup>th</sup> Annual Meeting, Amelia Island, FL, April 18-22, 2001.

Placzek J, Roubal P, **Wiater JM**, Freeman DC. The use of bilateral symmetry in predicting shoulder function. Mid-America Orthopaedic Association 19<sup>th</sup> Annual Meeting, Amelia Island, FL, April 18-22, 2001.

**Wiater JM**, Park J-Y, Murthi A, Levine WN, Flatow EL, Bigliani LU. Repair of long head of biceps tendon displacement and rotator cuff tear. Arthroscopy Association of North America 20<sup>th</sup> Annual Meeting, Seattle, WA, April 19-22, 2001.

Sugalski MT, Ahmad CS, **Wiater JM**, Levine WN, Bigliani LU. The confluence of the subscapularis insertion and the glenohumeral joint capsule. OREF Resident Research Competition and Symposium, New York, NY, May 2003.

Kippe MA, **Wiater JM**. Surgical treatment of displaced proximal humerus fractures with a short intramedullary nail. American Academy of Orthopaedic Surgeons 73<sup>rd</sup> Annual Meeting, Chicago, IL, March 22-26, 2006.

Haidary A, Shetty M, Yadavalli S, Fessell D, **Wiater JM**, Mezwa D. Imaging evaluation of reverse shoulder arthroplasty. Association of University Radiologists, Austin, TX, April 5-8, 2006.

Kippe MA, **Wiater JM**. Surgical treatment of displaced proximal humerus fractures with a short intramedullary nail. Mid-America Orthopaedic Association 24<sup>th</sup> Annual Meeting, San Antonio, TX, April 19-23, 2006.

Shetty M, Yadavalli S, Khan F, **Wiater JM**, Fessell D. Teres minor tendon tears: MR imaging and clinical implications. American Roentgen Ray Society Meeting, Vancouver, BC, April 30-May 5, 2006.

Blaine TA, **Wiater JM**, Buss DD, Freehill MQ, Hattrup SJ, Lee JA, Levine WN, Flatow EL, Bigliani LU. A prospective multicenter evaluation of total shoulder replacement for primary glenohumeral arthritis: Minimum two-year follow-up in 102 patients. 119<sup>th</sup> Annual Meeting of the American Orthopaedic Association, San Antonio, TX, June 21-24, 2006.

**Wiater JM**, Buss DD, Freehill MQ, Hattrup SJ, Lee JA, Levine WN, Flatow EL, Bigliani LU, Blaine TA. A prospective multicenter evaluation of total shoulder replacement for primary glenohumeral arthritis: Minimum two-year follow-up in 102 patients. American Shoulder and Elbow Surgeons 23<sup>rd</sup> Annual Closed Meeting, Chicago, IL, September 13-15, 2006.

**Wiater JM**, Buss DD, Freehill MQ, Hattrup SJ, Lee JA, Levine WN, Flatow EL, Bigliani LU, Blaine TA. A prospective multicenter evaluation of total shoulder replacement for primary glenohumeral arthritis: Minimum two-year follow-up in 102 patients. American Shoulder and Elbow Surgeons 23<sup>rd</sup> Annual Open Meeting, San Diego, CA, February 17, 2007.

Kempton LB, **Wiater JM**. Early results of reverse total shoulder arthroplasty with a Delta III-type prosthesis. Mid-America Orthopaedic Association 25<sup>th</sup> Annual Meeting, Boca Raton, FL, April 11-15, 2007.

Seelagan D, Fessell D, **Wiater JW**, Guettler J, Anderson K, Shapiro P, Marcantonio D. Tears of the rotator cuff: Types, terminology, and treatment. Accepted for presentation at the American Roentgen Ray Society Meeting, Orlando FL, May 1-5, 2007.

Siddiqi A, Fessell D, **Wiater JM**, Jurist K, Bak S, Roodbeen C, Marcantonio D. Partial thickness tears of the supraspinatus tendon with surgical correlation. Accepted for presentation at the American Roentgen Ray Society Meeting, Orlando FL, May 1-5, 2007.

Fabing MH, **Wiater JM**: Results of total shoulder arthroplasty with an uncemented monoblock bone in-growth porous tantalum glenoid component. 26<sup>th</sup> Annual Meeting of the Mid-America Orthopaedic Association, Orlando, FL, April 16-20, 2008.

Kempton LB, **Wiater JM**. Effect of prosthesis position and design on scapular notching in reverse total shoulder arthroplasty. American Academy of Orthopaedic Surgeons 2009 Annual Meeting, Las Vegas, NV, February 25-29, 2009.

Kempton LB, **Wiater JM**. A radiographic analysis of the effect of glenosphere position and prosthetic design on scapular notching following reverse total shoulder arthroplasty. American Shoulder and Elbow Surgeons 2009 Open Meeting, Las Vegas, NV, February 28, 2009.

Kempton LB, **Wiater JM**. A radiographic analysis of the effect of glenosphere position and prosthetic design on scapular notching following reverse total shoulder arthroplasty. 27<sup>th</sup> Annual Meeting of the Mid-America Orthopaedic Association, Amelia Island, FL, April 22-29, 2009.

Vaupel Z, Mangla J, Baker KC, **Wiater JM**. Wear simulation of reverse total shoulder arthroplasty systems: Effect of glenosphere design. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, March 9-13, 2010.

Vaupel Z, Mangla J, Baker KC, **Wiater JM**. A preliminary report on the influence of glenosphere design features on the polyethylene wear of reverse total shoulder arthroplasty systems: An in vitro wear simulation. American Shoulder and Elbow Surgeons Open Meeting, New Orleans, LA, March 13, 2010.

Kempton LB, Boone CR, Ankerson E, Balasubramaniam M, **Wiater JM**. A prospective evaluation of reverse total shoulder arthroplasty clinical outcomes with a minimum two-year follow-up. Mid-America Orthopaedic Association 28<sup>th</sup> Annual Meeting, Austin, TX, April 21-25, 2010.

Vaupel Z, Kurdziel M, Baker K, **Wiater JM**. Conventional and reverse total shoulder retrievals with reverse total shoulder arthroplasty wear simulation. American Society of Testing Materials, St. Louis, MO, May 20, 2010

Nolan EM, Fabing M, **Wiater JM**. Monoblock porous tantalum glenoid component total shoulder arthroplasty: Minimum two-year follow-up. American Academy of Orthopaedic Surgeons 2011 Annual Meeting, San Diego, CA, February 15-19, 2011.

Boone C, Kempton LB, Ankerson E, Balasubramaniam M, **Wiater JM**. Early subjective and objective outcomes of patients undergoing bilateral reverse total shoulder arthroplasty. Twenty-ninth Annual Meeting, Mid-America Orthopaedic Association, Tucson, AZ, April 6-10, 2011.

Bunting H, Macauley A, Gorroochurn P, Blaine TA, Freehill M, **Wiater JM**, Ahmad CS, Bigliani LU, Levine WN. Prospective multicenter study of total shoulder arthroplasty for primary glenohumeral osteoarthritis at 5 year follow-up. American Shoulder and Elbow Surgeons 28<sup>th</sup> Annual Closed Meeting, White Sulphur Springs, WV, October 12-15, 2011.

Bunting H, Macauley A, Gorroochurn P, Freehill M, **Wiater JM**, Ahmad CS, Bigliani LU, Levine WN. Prospective multicenter study of total shoulder arthroplasty for primary glenohumeral osteoarthritis at 5 year follow-up. American Academy of Orthopaedic Surgeons 2012 Annual Meeting, San Francisco, CA, February 7-12, 2012.

Budge MD, Baker K, Kurdziel M, **Wiater JM**. A biomechanical evaluation of three fixation methods of porous tantalum backed glenoid components. American Academy of Orthopaedic Surgeons 2012 Annual Meeting, San Francisco, CA, February 7-12, 2012.

Fishman M, Mayer M, Budge MD, Moravek J, Kurdziel M, Baker K, **Wiater JM**. Effect of lesser tuberosity osteotomy repair technique on gap formation compared to subscapularis tenotomy repair during total shoulder arthroplasty. 30<sup>th</sup> Annual Meeting of the Mid American Orthopaedic Association, Bonita Springs, FL, April 18-22, 2012.

Moore D, Budge MD, Baker E, Baker K, Kurdziel M, Richardson-Frazzita M, **Wiater JM**. Proinflammatory cytokines and proteases in shoulder arthroplasty periprosthetic tissue. 30<sup>th</sup> Annual Meeting of the Mid American Orthopaedic Association, Bonita Springs, FL, April 18-22, 2012.

Bogle A, Budge M, **Wiater JM**, Voloshin I. Radiographic results of fully uncemented trabecular metal reverse shoulder system at one and two years follow-up. 8<sup>th</sup> Biennial AAOS/ASES Shoulder and Elbow Meeting. Boca Raton FL. May 3-5, 2012.

Sabesan V, Callanan MC, Ghareeb GM, **Wiater JM**, Iannotti JP. Scapular morphology and surgical techniques as predictors of notching in reverse shoulder arthroplasty. American Academy of Orthopaedic Surgeons 2013 Annual Meeting, Chicago, IL, March 19-23, 2013.

Wiater BP, Moravek JE, Kurdziel M, Baker K, **Wiater JM**, Maerz T. Effect of rotator cuff tears on genomic, histologic, and biomechanic properties of the long head of the biceps tendon. American Academy of Orthopaedic Surgeons 2013 Annual Meeting, Chicago, IL, March 19-23, 2013.

Moravek JM, Wiater BP, Kouierter D, **Wiater JM**. Deltoid parameters as outcome predictors following reverse shoulder arthroplasty. MidAmerica Orthopaedic Association 31<sup>st</sup> Annual Meeting, Amelia Island, FL, April 17-21, 2013.

Peers S, Moravek JE, Baker K, **Wiater JM**. Wear rates of highly cross-linked polyethylene in a reverse total shoulder arthroplasty wear simulation. MidAmerica Orthopaedic Association 31<sup>st</sup> Annual Meeting, Amelia Island, FL, April 17-21, 2013.

Moravek JM, Wiater BP, Kurdziel M, Baker K, **Wiater JM**. Effect of rotator cuff tears on genomic, histologic, and biomechanical properties of the long head of the biceps tendon. MidAmerica Orthopaedic Association 31<sup>st</sup> Annual Meeting, Amelia Island, FL, April 17-21, 2013.

Wiater BP, Pinkas D, Koueiter D, Buhovecky T, **Wiater JM**. Improving outcomes of reverse total shoulder arthroplasty in patients with external rotation deficit: The effect of latissimus dorsi tendon transfer versus lateral-offset glenosphere. International Society for Technology in Arthroplasty 26<sup>th</sup> Annual Congress, Palm Beach, FL, October 16-19, 2013.

Wiater BP, Moravek JE Jr, Pinkas D, Koueiter D, Maerz T, Marcantonio D, **Wiater JM**. Shoulder muscle parameters as predictors of outcome following reverse total shoulder arthroplasty. International Society for Technology in Arthroplasty 26<sup>th</sup> Annual Congress, Palm Beach, FL, October 16-19, 2013.

JM Wiater, MD

4 May 2021

69

Sabesan VJ, Ackerman J, Sharma V, Kurdziel M, Baker K, **Wiater JM**. Glenohumeral mismatch affects micromotion of cemented glenoid components in total shoulder arthroplasty. International Society for Technology in Arthroplasty 26<sup>th</sup> Annual Congress, Palm Beach, FL, October 16-19, 2013.

Wiater BP, Moravek JE Jr, Pinkas D, Koueiter D, Maerz T, Marcantonio D, **Wiater JM**. Shoulder muscle parameters as predictors of outcome following reverse total shoulder arthroplasty. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, March 11-15, 2014.

Wiater BP, Moravek JE, Baker EA, Salisbury MR, Koueiter D, Pinkas D, **Wiater JM**. Retrieved reverse total shoulder systems: An analysis of damage, imaging, clinical, and outcomes data. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, March 11-15, 2014.

Wiater BP, Moravek JE, Baker EA, Salisbury MR, Koueiter D, Pinkas D, **Wiater JM**. Elucidating trends in revision reverse total shoulder arthroplasty: A retrieval study evaluating clinical, radiographic, and functional outcomes data. American Shoulder and Elbow Surgeons Open Meeting, New Orleans, LA, March 15, 2014.

Carpenter S, Pinkas DER, Kurdziel MD, Newton M, Baker KC, **Wiater JM**. Wear rates of retentive versus nonretentive liners in an in-vitro wear simulation. American Academy of Orthopaedic Surgeons 2015 Annual Meeting. Las Vegas, NV, March 24-28, 2015.

Pinkas DER, Moore D, Kurdziel MD, Baker EA, Baker KC, **Wiater JM**. Characterization of shoulder arthroplasty periprosthetic tissue pro-inflammatory markers and radiographic data. American Academy of Orthopaedic Surgeons 2015 Annual Meeting. Las Vegas, NV, March 24-28, 2015.

Jo S, Cil A, **Wiater JM**, O'Driscoll S, Morrey BF, Morrey M, Sanchez-Sotelo J. Single-stage bilateral total elbow arthroplasty is safe, reliable, and cost-effective in rheumatoid arthritis. Mid-America Orthopaedic Association 2015 Annual Meeting, Hilton Head, SC, April 22-26, 2015.

Sabesan VJ, Sharma V, Beam C, **Wiater JM**. Comparison of outcomes and optimal assessment tools after reverse total shoulder arthroplasty. Mid-America Orthopaedic Association 2015 Annual Meeting, Hilton Head, SC, April 22-26, 2015.

Carpenter SR, Wiater BP, Koueiter D, Marcantonio D, **Wiater JM**. Influence of body mass index on outcomes in reverse total shoulder arthroplasty. Mid-America Orthopaedic Association 2015 Annual Meeting, Hilton Head, SC, April 22-26, 2015.

Churchill RS, Chuinard CR, **Wiater JM**, Friedman RJ, Freehil MQ, Jacobson SR, Spencer EE, Holloway GB, Wittstein JR, Lassiter TE, Smith MJ, Blaine TA, Nicholson GP. Clinical and radiographic outcomes of the Simpliciti stemless shoulder arthroplasty system: A prospective 2-year multi-center study. American Shoulder and Elbow Surgeons 2015 Closed Meeting, Asheville, NC. October 9-11, 2015.

Shields EJ, Vara AD, Koueiter D, Maerz T, Shwark A, **Wiater JM**. Previous rotator cuff repair is associated with inferior clinical outcomes after reverse total shoulder arthroplasty. American Academy of Orthopaedic Surgeons 2018 Annual Meeting, New Orleans, LA, March 6-10, 2018.

Vara AD, Koueiter DM, Pinkas DE, Gowda A, Wiater BP, **Wiater JM**. Intravenous tranexamic acid reduces total blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. American Academy of Orthopaedic Surgeons 2018 Annual Meeting, New Orleans, LA, March 6-10, 2018.

Wu J, Koueiter DM, Maerz T, **Wiater JM**, Anderson K. Complication rates and efficacy of single-injection versus continuous interscalene nerve block: A prospective evaluation following primary rotator cuff repair. American Academy of Orthopaedic Surgeons 2018 Annual Meeting, New Orleans, LA, March 6-10, 2018.

Bush CJ, Osborne JD, Koueiter D, **Wiater JM**. Length of stay in total shoulder arthroplasty: Does day of surgery matter? American Academy of Orthopaedic Surgeons 2019 Annual Meeting, Las Vegas, NV. 12-16 March 2019.

Linkous NT, Wright J, Koueiter D, **Wiater JM**, Wiater BP. Outcomes for reverse total shoulder arthroplasty after failed open reduction and internal fixation versus primary reverse total shoulder arthroplasty for proximal humerus fractures. American Academy of Orthopaedic Surgeons 2019 Annual Meeting, Las Vegas, NV. 12-16 March 2019.

Gehrke CK, Wright JO, Khatib ON, Penvose IR, **Wiater JM**, Wiater BP, Baker EA. Evaluation of taper fretting and corrosion damage in retrieved reverse total shoulder arthroplasty components. Orthopaedic Research Society 2020 Annual Meeting, Phoenix, AZ, February 8-11, 2020.

***Scientific Presentations at Refereed Regional CME Meetings (by acceptance of abstract submitted)***

**Wiater JM**, Kuhn JE, Blasier RB. Outcome following revision shoulder arthroplasty. University of Michigan Section of Orthopaedic Surgery Senior Resident Thesis Day, Ann Arbor, MI, June 19, 1998

**Wiater JM**, Djurasovic M, Marra G, Flatow EL, Bigliani LU. Bilateral shoulder replacement. Michigan Orthopaedic Society Annual Scientific Meeting, Traverse City, MI, June 12, 1999.

**Wiater JM**, Park J-Y, Pollock RG, Flatow EL, Bigliani LU. Primary repair of massive rotator cuff tears: Long term follow-up. Michigan Orthopaedic Society Annual Scientific Meeting, Traverse City, MI, June 13, 1999.

**Wiater JM**, Miller MD, Flatow EL, Bigliani LU. Treatment of anterosuperior shoulder pain in the teenage athlete. University of Michigan Shoulder Symposium, Ann Arbor, MI, November 5, 1999.

**Wiater JM**, Park J-Y, Freehill MQ, Levine WN, Pollock RG, Bigliani LU. Results of rotator cuff repair after anterior shoulder dislocation in the older patient. William Beaumont Hospital Department of Orthopaedic Surgery Annual Alumni-Resident-Fellow Meeting, Royal Oak, MI, June 2, 2000.

**Wiater JM**, O'Driscoll SW. Elbow arthroscopic neuroanatomy. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 17, 2000.

**Wiater JM**, Nicholson GP, Fischer RA, Flatow EL, Bigliani LU. Primary humeral head prosthetic replacement for severely displaced proximal humeral fractures. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 18, 2000.

**Wiater JM**, Morrey BF, O'Driscoll SW. Simultaneous bilateral total elbow arthroplasties. Michigan Orthopaedic Society Annual Scientific Meeting, Traverse City, MI, June 16, 2001.

**Wiater JM**, Sugalski MT, Levine WN, Bigliani LU. An anatomic study of the humeral attachment of the inferior glenohumeral capsule. Michigan Orthopaedic Society Annual Scientific Meeting, Traverse City, MI, June 17, 2001.

**Wiater JM**, Morrey BF, O'Driscoll SW. Simultaneous bilateral total elbow arthroplasties. William Beaumont Hospital Department of Orthopaedic Surgery 25<sup>th</sup> Annual Alumni-Resident-Fellow Meeting, Royal Oak, MI, June 1, 2001.

**Wiater JM**, Park J-Y, Flatow EL, Bigliani LU. Outcome after repair of long head of biceps tendon displacement and rotator cuff tear. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island MI, June 22, 2002.



**Wiater JM.** Early results of reverse total shoulder arthroplasty with a Delta III-type prosthesis. Michigan Orthopaedic Society Annual Scientific Conference, Mackinac Island, MI, June 16-18, 2006.

***Scientific Presentations at Refereed Regional CME Meetings (by acceptance of abstract submitted), Paper Read by Co-Author***

Placzek J, Roubal P, **Wiater JM**, Freeman DC. The use of bilateral symmetry in predicting shoulder function. Michigan Orthopaedic Society Annual Scientific Meeting, Traverse City, MI, June 17, 2001.

Vibert BT, **Wiater JM.** Glenohumeral joint volume reduction with progressive release and shifting of the inferior shoulder capsule. Resident Scientific Program, Detroit Academy of Orthopaedic Surgeons, Troy, MI, May 10, 2004.

Bales C, Demetropoulos D, **Wiater JM.** Evaluation of biologic cement versus PMMA for initial stabilization of a new trabecular metal glenoid component. 28<sup>th</sup> Annual Alumni-Resident-Fellow Scientific Session, Department of Orthopaedic Surgery, William Beaumont Hospital, Birmingham, MI, June 5, 2004.

Vibert BT, **Wiater JM.** Glenohumeral joint volume reduction with progressive release and shifting of the inferior shoulder capsule. 28<sup>th</sup> Annual Alumni-Resident-Fellow Scientific Session, Department of Orthopaedic Surgery, William Beaumont Hospital, Birmingham, MI, June 5, 2004.

Vibert BT, **Wiater JM.** Glenohumeral joint volume reduction with progressive release and shifting of the inferior shoulder capsule. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 18-20, 2004.

Kippe MA, **Wiater JM.** Surgical treatment of displaced proximal humerus fractures with a short intramedullary nail. Michigan Orthopaedic Society Annual Scientific Conference, Mackinac Island, MI, June 16-18, 2006.

Fabing MH, **Wiater JM** : Results of total shoulder arthroplasty with an uncemented monoblock bone ingrowth porous tantalum glenoid component. 31<sup>th</sup> Annual Alumni-Resident-Fellow Scientific Session, Department of Orthopaedic Surgery, William Beaumont Hospital, Birmingham, MI, June 1, 2007.

Kempton LB, **Wiater JM.** Early results of reverse total shoulder arthroplasty with a Delta III-type prosthesis. 37<sup>th</sup> Annual William Beaumont Hospital Residents' and Fellows' Research Forum, Royal Oak, MI, June 13, 2007.

Fabing MH, **Wiater JM** : Results of total shoulder arthroplasty with an uncemented monoblock bone ingrowth porous tantalum glenoid component. 37<sup>th</sup> Annual William Beaumont Hospital Residents' and Fellows' Research Forum, Royal Oak, MI, June 13, 2007.

Kempton LB, **Wiater JM**. Complication rate for the initial 100 reverse total shoulder arthroplasties by a single US surgeon. Michigan Orthopaedic Society Annual Scientific Meeting, Traverse City, MI, June 21-23, 2007.

Fabing MH, **Wiater JM** : Results of total shoulder arthroplasty with an uncemented monoblock bone ingrowth porous tantalum glenoid component. Michigan Orthopaedic Society Annual Scientific Meeting, Traverse City, MI, June 21-23, 2007.

Kempton LB, **Wiater JM**. A prospective study comparing scapular notching of reverse total shoulder arthroplasty with glenospheres placed in neutral alignment versus inferior tilt. 38<sup>th</sup> Annual Residents' and Fellows' Research Forum, Beaumont Hospitals Research Institute, Royal Oak, MI, June 11, 2008.

Kempton LB, **Wiater JM**. A prospective study comparing scapular notching of reverse total shoulder arthroplasty with glenospheres placed in neutral alignment versus inferior tilt. Michigan Orthopaedic Society Annual Scientific Conference, Mackinac Island, MI, June 20-22, 2008.

Dieterle JP, Ankerson E, **Wiater JM**. Two-year minimum outcome results and prosthetic survivorship of reverse total shoulder arthroplasty as a function of patient age. William Beaumont Hospital Department of Orthopaedic Surgery 33<sup>rd</sup> Annual Research Day, Birmingham, MI, June 5, 2009.

Boone CP, Ankerson E, **Wiater JM**. Early results of patients undergoing bilateral reverse total shoulder arthroplasty. William Beaumont Hospital Department of Orthopaedic Surgery 33<sup>rd</sup> Annual Research Day, Birmingham, MI, June 5, 2009.

Dieterle JP, Ankerson E, **Wiater JM**. Two-year minimum outcome results and prosthetic survivorship of reverse total shoulder arthroplasty as a function of patient age. Beaumont Hospitals Research Institute 39<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, June 10, 2009.

Boone CP, Kempton LB, Ankerson E, **Wiater JM**. Early results of patients undergoing bilateral reverse total shoulder arthroplasty. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 19-21, 2009.

Kempton LB, Boone CR, **Wiater JM**. A prospective evaluation of reverse total shoulder arthroplasty clinical outcomes with minimum 2-year follow-up.

Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 19-21, 2009.

Dieterle JP, Kempton LB, Ankerson E, **Wiater JM**. Two-year minimum outcome results and prosthetic survivorship of reverse total shoulder arthroplasty as a function of patient age. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 19-21, 2009

Vaupel Z, Mangla J, Baker KC, **Wiater JM**. A preliminary report on the influence of glenosphere design features on the polyethylene wear of reverse total shoulder arthroplasty systems: An in vitro wear simulation. Detroit Academy of Orthopaedic Surgeons, May 10, 2010.

Nolan EM, Ankerson E, **Wiater JM**. Reverse total shoulder arthroplasty for cuff tear arthropathy. 34<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, William Beaumont Hospital, Birmingham, MI, June 4, 2010.

Mayer M, Fishman M, **Wiater JM**. Effect of size on biomechanical strength of lesser tuberosity repair during total shoulder arthroplasty. 34<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, William Beaumont Hospital, Birmingham, MI, June 4, 2010.

Moore D, Nolan, EM, Baker E, **Wiater JM**. Radiographic and damage mode analyses of retrieved total shoulder arthroplasty systems. 34<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, William Beaumont Hospital, Birmingham, MI, June 4, 2010.

Vaupel Z, Mangla J, Baker KC, **Wiater JM**. Wear simulation of reverse total shoulder arthroplasty systems: Effect of glenosphere design. 34<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, William Beaumont Hospital, Birmingham, MI, June 4, 2010.

Vaupel Z, Mangla J, Baker KC, **Wiater JM**. A preliminary report on the influence of glenosphere design features on the polyethylene wear of reverse total shoulder arthroplasty systems: An in vitro wear simulation. Beaumont Hospitals Research Institute 40<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, June 9, 2010.

Nolan EM, Ankerson E, **Wiater JM**. Reverse total shoulder arthroplasty for cuff tear arthropathy. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 18-20, 2010.

Vaupel Z, Mangla J, Baker KC, **Wiater JM**. A preliminary report on the influence of glenosphere design features on the polyethylene wear of reverse total shoulder arthroplasty systems: An in vitro wear simulation. Michigan

Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 18-20, 2010.

Nolan EM, Ankerson E, **Wiater JM**. Reverse total shoulder arthroplasty for cuff tear arthropathy. Detroit Medical Center Regional Sports Medicine Symposium, Dearborn, MI, July 30-31, 2010.

Moore D, Nolan, EM, Baker E, **Wiater JM**. Radiographic and damage mode analyses of retrieved total shoulder arthroplasty systems. OREF Upper Midwest Resident Research Symposium, Ann Arbor, MI, October 19, 2010.

Budge MD, Kurdziel MD, Baker KC, **Wiater JM**. Biomechanical comparison of three fixation methods of porous tantalum backed glenoid components. 35<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, William Beaumont Hospital, Birmingham, MI, June 3, 2011.

Mayer M, Fishman M, **Wiater JM**. Effect of size on biomechanical strength of lesser tuberosity repair during total shoulder arthroplasty. 35<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, William Beaumont Hospital, Birmingham, MI, June 3, 2011.

Moore D, Nolan, EM, Baker E, **Wiater JM**. Radiographic and damage mode analyses of retrieved total shoulder arthroplasty systems. 35<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, William Beaumont Hospital, Birmingham, MI, June 3, 2011.

Budge MD, Kurdziel MD, Baker KC, **Wiater JM**. Biomechanical comparison of three fixation methods of porous tantalum backed glenoid components. 41<sup>st</sup> Annual William Beaumont Hospital 2011 Residents' and Fellows' Research Forum. Troy, MI, June 8, 2011.

Moore DD, Budge MD, Baker E, Baker K, Richardson-Frazzitta M, Kurdziel M, **Wiater JM**. Characterization of proinflammatory cytokines and matrix metalloproteinases in total shoulder arthroplasty periprosthetic tissue. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. June 24-26, 2011.

Budge MD, Kurdziel MD, Baker KC, **Wiater JM**. Early failure of trabecular metal –backed glenoid components with cyclic load testing. A possible explanation of a unique mode of failure. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. June 24-26, 2011.

Budge MD, **Wiater JM**. The use of uncemented reverse total shoulder arthroplasty for treatment of the rotator cuff-deficient shoulder. Minimum two year follow-up. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. June 24-26, 2011.

Boone C, Kempton L, Kouierter D, **Wiater JM**. Early outcomes of patients who underwent bilateral reverse total shoulder arthroplasty. Beaumont Health System Department of Orthopaedic Surgery 36<sup>th</sup> Annual Orthopaedic Research Day, Birmingham, MI, June 1, 2012.

Peers S, Moravek JE, Kurdziel M, Baker K, **Wiater JM**. Wear rates of highly-crosslinked polyethylene in a reverse total shoulder wear simulation. Beaumont Health System Department of Orthopaedic Surgery 36<sup>th</sup> Annual Orthopaedic Research Day, Birmingham, MI, June 1, 2012.

Fishman M, Mayer M, Budge MD, Moravek JE, Kurdziel M, Baker K, **Wiater JM**. Effect of lesser tuberosity osteotomy repair technique on gap formation and ultimate failure during total shoulder arthroplasty. Beaumont Health System Department of Orthopaedic Surgery 36<sup>th</sup> Annual Orthopaedic Research Day, Birmingham, MI, June 1, 2012.

Moravek JE, Kurdziel M, Kouierter D, **Wiater JM**. Deltoid parameters as predictors for outcome following reverse shoulder arthroplasty. Beaumont Health System Department of Orthopaedic Surgery 36<sup>th</sup> Annual Orthopaedic Research Day, Birmingham, MI, June 1, 2012.

Fishman M, Moravek J, Baker K, Kurziel M, **Wiater JM**. Effect of lesser tuberosity osteotomy repair technique on gap formation and ultimate failure load. 42<sup>nd</sup> Annual Beaumont Health System Research Institute 2012 Residents' and Fellows' Research Forum, Royal Oak, MI, June 13, 2012.

Moravek J, Baker K, Kurziel M, **Wiater JM**. Biomechanic characterization of an all-polyethylene anchor peg glenoid component loosening. 42<sup>nd</sup> Annual Beaumont Health System Research Institute 2012 Residents' and Fellows' Research Forum, Royal Oak, MI, June 13, 2012.

Ackerman J, Sharma V, Kurdziel M, Baker KC, **Wiater JM**, Sabesan VJ. Glenohumeral mismatch affects micromotion of cemented glenoid components in total shoulder arthroplasty. Southeast Michigan Center for Medical Education Annual Residents and Fellows Research Symposium, Rochester, MI, May 22, 2013.

Ackerman J, Sharma V, Kurdziel M, Baker KC, **Wiater JM**, Sabesan VJ. Glenohumeral mismatch affects micromotion of cemented glenoid components in total shoulder arthroplasty. Beaumont Health System Research Institute 43<sup>rd</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, June 5, 2013.

Wiater BP, Koueiter D, Marcantonio D, **Wiater JM**. Shoulder muscle parameters as predictors of outcome following reverse total shoulder arthroplasty. Beaumont

Health System Research Institute 43<sup>rd</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, June 5, 2013.

Peers S, Moravek JE, Budge MD, Kurdziel M, Newton M, Baker KC, **Wiater JM**. Wear rates of highly cross-linked polyethylene in a reverse total shoulder arthroplasty wear simulation. Beaumont Health System 37<sup>th</sup> Annual Orthopaedic Research Day, Birmingham, MI, June 7, 2013.

Moore DD, Moravek JE, Baker EA, Salisbury MR, Baker KC, **Wiater JM**. Exploring clinical failure of total shoulder arthroplasty systems: A retrieval study correlating radiographic, damage mode, and clinical data analyses. Beaumont Health System 37<sup>th</sup> Annual Orthopaedic Research Day, Birmingham, MI, June 7, 2013.

Ackerman J, Sharma V, Kurdziel M, Baker KC, **Wiater JM**, Sabesan VJ. Glenohumeral mismatch affects micromotion of cemented glenoid components in total shoulder arthroplasty. Beaumont Health System 37<sup>th</sup> Annual Orthopaedic Research Day, Birmingham, MI, June 7, 2013.

Wiater BP, Kurdziel M, Maerz T, Baker KC, **Wiater JM**. Effect of rotator cuff tears on genomic, histologic, and biomechanic properties of the long head of the biceps tendon. Beaumont Health System 37<sup>th</sup> Annual Orthopaedic Research Day, Birmingham, MI, June 7, 2013.

Ackerman J, Sharma V, Kurdziel M, Baker KC, **Wiater JM**, Sabesan VJ. Glenohumeral mismatch affects micromotion of cemented glenoid components in total shoulder arthroplasty. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 21-23, 2013.

Peers S, Moravek JE, Budge MD, Kurdziel M, Newton M, Baker KC, **Wiater JM**. Wear rates of highly cross-linked polyethylene in a reverse total shoulder arthroplasty wear simulation. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 21-23, 2013.

Moore DD, Moravek JE, Baker EA, Salisbury MR, Baker KC, **Wiater JM**. Exploring clinical failure of total shoulder arthroplasty systems: A retrieval study correlating radiographic, damage mode, and clinical data analyses. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 21-23, 2013.

Wiater BP, Nolan EM, Baker E, **Wiater JM**. Radiographic and damage mode analyses of retrieved reverse total shoulder arthroplasty systems. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 21-23, 2013.

Wiater BP, Koueiter D, Marcantonio D, **Wiater JM**. Shoulder muscle parameters as predictors of outcome following reverse total shoulder arthroplasty. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 21-23, 2013.

Wiater BP, Kurdziel M, Maerz T, Baker KC, **Wiater JM**. Effect of rotator cuff tears on genomic, histologic, and biomechanic properties of the long head of the biceps tendon. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 21-23, 2013.

Pinkas DER, Wiater BP, Koueiter D, **Wiater JM**. Improving rotation in reverse total shoulder arthroplasty: Latissimus transfer vs lateral offset glenosphere. 38<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, Beaumont Health System, Birmingham, MI. June 6, 2014.

Ackerman J, Kurdziel M, Sabesan V, **Wiater JM**. Glenohumeral mismatch affects micromotion of cemented glenoid components in total shoulder arthroplasty. 38<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, Beaumont Health System, Birmingham, MI. June 6, 2014.

Carpenter S, Pinkas DER, Kurdziel M, Baker K, **Wiater JM**. Wear rates of retentive vs. nonretentive reverse total shoulder arthroplasty liners in an in vitro wear simulation. 38<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, Beaumont Health System, Birmingham, MI. June 6, 2014.

Pinkas DER, Wiater BP, Kurdziel M, Baker K, **Wiater JM**. The biomechanical impact of glenoid retroversion on component loosening in total shoulder arthroplasty shoulder tissue. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. June 12-14, 2014.

Pinkas DER, Moore D, Baker E, Baker K, Salisbury M, Kurdziel M, **Wiater JM**. Characterization of periprosthetic tissue pro-inflammatory markers and radiographic data in shoulder arthroplasty. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. June 12-14, 2014.

Carpenter S, Pinkas DER, Newton M, Kurdziel M, Baker K, **Wiater JM**, Wear rates of retentive vs. nonretentive reverse total shoulder arthroplasty liners in an in vitro wear simulation. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. June 12-14, 2014.

Carpenter S, Pinkas DER, Kurdziel M, Baker K, **Wiater JM**. Wear rates of retentive vs. nonretentive reverse total shoulder arthroplasty liners in an in vitro wear simulation. 39<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, Beaumont Health System, Birmingham, MI. June 5, 2015.

Gowda AL, Kurdziel ME, Baker K, **Wiater JM**. Quantitative evaluation of wear volume and surface deviation of retrieved reverse total shoulder arthroplasty liners utilizing microCT imaging. 39<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, Beaumont Health System, Birmingham, MI. June 5, 2015.

**Wiater JM**, Gowda A, Wiater BP, Kurdziel M, Newton M, Dicker S, Baker K. Quantitative evaluation of wear volume and surface deviation of retrieved reverse total shoulder arthroplasty liners utilizing microCT imaging. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. June 19-21, 2015.

Sabesan V, Khan J, Lombardo D, **Wiater JM**. Assessment of optimal shoulder outcome score for reverse shoulder arthroplasty. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. June 19-21, 2015.

Haggart J, Ho AG, Kurdziel MA, Baker K, **Wiater JM**. Wear rates of 32 mm and 40 mm glenospheres in a reverse total shoulder arthroplasty *in vitro* wear simulation model. 40<sup>th</sup> Annual Beaumont Orthopaedic Research Day, Birmingham, MI, 3 June 2016.

Ho AG, Kurdziel MA, **Wiater JM**. Measurement accuracy of Hill-Sachs lesion size using 3D-CT reconstruction. 40<sup>th</sup> Annual Beaumont Orthopaedic Research Day, Birmingham, MI, 3 June 2016.

Vara A, Kouierter D, Pinkas D, Gowda A, Wiater BP, **Wiater JM**. Intravenous tranexamic acid reduces blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. 40<sup>th</sup> Annual Beaumont Orthopaedic Research Day, Birmingham, MI, 3 June 2016.

Haggart J, Newton M, Ho AG, Hartner S, Baker KC, Kurdziel M, **Wiater JM**. Wear rates of 32 mm and 40 mm glenospheres in a reverse total shoulder arthroplasty in an *in vitro* wear simulation model. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. 17-19 June 2016.

Ho AG, **Wiater JM**, Wiater BP, Kouierter D, Schwark A. Acute proximal humerus fracture treated with uncemented reverse total shoulder arthroplasty. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. 17-19 June 2016.

Vara A, Kouierter D, Pinkas D, Gowda A, Wiater BP, **Wiater JM**. Intravenous tranexamic acid reduces blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. 17-19 June 2016.



Vara A, Kouierter D, Wiater BP, **Wiater JM**. Intravenous tranexamic acid reduces blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. 2017 Mid-America Orthopaedic Association Annual Meeting, Amelia Island, FL, April 19-23, 2017.

Shields EJ, Kouierter D, Maerz T, Schwark A, **Wiater JM**: Previous rotator cuff repair is associated with inferior outcomes after reverse total shoulder arthroplasty. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 16-18, 2017.

Shields EJ, Kouierter D, Maerz T, Schwark A, **Wiater JM**: Previous rotator cuff repair is associated with inferior outcomes after reverse total shoulder arthroplasty. 41<sup>th</sup> Annual Beaumont Orthopaedic Research Day, Birmingham, MI, 23 June 2017.

Haggart J, Newton M, Ho AG, Hartner S, Baker KC, Kurdziel M, **Wiater JM**. Wear rates of 32 mm and 40 mm glenospheres in a reverse total shoulder arthroplasty in an *in vitro* wear simulation model. 41<sup>th</sup> Annual Beaumont Orthopaedic Research Day, Birmingham, MI, 23 June 2017.

Rapp CM, Kurdziel M, **Wiater JM**. Are suture tape knots as secure as standard suture? A biomechanical study. 42<sup>th</sup> Annual Beaumont Orthopaedic Research Day, Birmingham, MI, 15 June 2018.

Osborne J, Bush CJ, Kouierter D, **Wiater JM**. Length of stay in total shoulder arthroplasty: Does day of surgery matter? 42<sup>th</sup> Annual Beaumont Orthopaedic Research Day, Birmingham, MI, 15 June 2018.

Wu JC, Kouierter D, Anderson K, **Wiater JM**. Complication rates and efficacy of single-injection versus continuous interscalene nerve block: A prospective evaluation following primary rotator cuff repair. 42<sup>th</sup> Annual Beaumont Orthopaedic Research Day, Birmingham, MI, 15 June 2018.

Osborne J, Bush CJ, Kouierter D, **Wiater JM**. Length of stay in total shoulder arthroplasty: Does day of surgery matter? Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 23-24, 2018.

Wright J, Kalma J, Kouierter D, **Wiater JM**, Wiater BP. Outcomes of uncemented reverse total shoulder arthroplasty as initial treatment for comminuted proximal humerus fractures. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 23-24, 2018.

Khatib O, Kouierter D, Wiater BP, Martusiewicz A, **Wiater JM**. Radiographic comparison of stemless vs stemmed anatomic total shoulder arthroplasty: Is

stemless more anatomic? Beaumont 43<sup>rd</sup> Annual Orthopaedic Research Day, Birmingham, MI, 28 June 2019.

Linkous N, Kouierter D, **Wiater JM**, Wiater BP. Outcomes for reverse total shoulder arthroplasty after failed open reduction and internal fixation vs primary reverse total shoulder arthroplasty for proximal humerus fractures. Beaumont 43<sup>rd</sup> Annual Orthopaedic Research Day, Birmingham, MI, 28 June 2019.

Wright J, Kouierter D, **Wiater JM**, Wiater BP. Uncemented reverse total shoulder arthroplasty as initial treatment for comminuted proximal humerus fractures. Beaumont 43<sup>rd</sup> Annual Orthopaedic Research Day, Birmingham, MI, 28 June 2019

### ***Invited Lecturer at Refereed Regional CME Meetings***

**Wiater JM.** Shoulder arthroplasty. Presented to Zimmer Great Lakes, Inc., Shoulder Arthroplasty Seminar, Novi, MI, November 4, 1999.

**Wiater JM.** Shoulder arthroplasty. In-service presented to William Beaumont Hospital-Troy Physical Therapy Department, Troy, MI, February 28, 2000.

**Wiater JM.** Shoulder arthroplasty. In-service presented to William Beaumont Hospital-Royal Oak Physical Therapy Department, Royal Oak, MI, May 15, 2000.

**Wiater JM.** Shoulder arthroplasty. In-service presented to William Beaumont Hospital-Royal Oak Orthopaedic Operating Room Staff, Royal Oak, MI, May 16, 2000.

**Wiater JM.** The stiff elbow. In-service presented to William Beaumont Hospital-Royal Oak Occupational Therapy Hand Rehabilitation Department, Royal Oak, MI, May 22, 2000.

**Wiater JM.** Shoulder arthroplasty. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, November 15, 2000.

**Wiater JM.** Shoulder instability. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, April 10, 2001.

**Wiater, JM.** Rotator cuff disease. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, October 16, 2001.

**Wiater, JM.** Rotator cuff disease. In-service presented to the William Beaumont Hospital Operating Room Staff, Royal Oak, MI, November 27, 2001

**Wiater JM.** Elbow arthritis / contractures / arthroplasty. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, February 19, 2002.

**Wiater JM.** Shoulder arthritis: An update. Moderator for the Shoulder Study Group at the Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 21, 2002.

**Wiater JM.** Revision shoulder arthroplasty. University of Michigan Symposium of Surgery on the Shoulder, Ann Arbor, MI, September 9, 2002.

**Wiater JM.** The throwing athlete. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, September 18, 2002.

**Wiater JM.** Revision shoulder arthroplasty. Michigan State University College of Osteopathic Medicine Statewide Campus System Orthopaedic Surgery Educational Day, Troy, MI, October 9, 2002.

**Wiater JM.** Approach to primary shoulder arthroplasty. Michigan State University College of Osteopathic Medicine Statewide Campus System Orthopaedic Surgery Educational Day, Troy, MI, October 9, 2002.

**Wiater JM.** Shoulder arthroplasty. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, February 18, 2003.

**Wiater, JM.** Shoulder instability. Moderator for the Shoulder Study Group at the Michigan Orthopaedic Society Annual Scientific Meeting, Traverse City, MI, June 13-15, 2003.

**Wiater, JM.** Rotator cuff disease. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, October 21, 2003.

**Wiater JM.** Elbow arthritis / contractures / arthroplasty. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, February 18, 2004.

**Wiater JM.** Rotator cuff disease. Moderator for the Shoulder Study Group at the Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 18-20, 2004.

**Wiater JM.** Top 8 total shoulder arthroplasty myths. 43<sup>rd</sup> Annual Meeting Carl E. Badgley Lectureship, University of Michigan Department of Orthopaedic Surgery, Ann Arbor, MI, October 29 , 2004.

**Wiater JM.** Top 8 total shoulder arthroplasty myths. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, February 15, 2005.

**Wiater JM.** Shoulder instability. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, June 21, 2005.

**Wiater JM.** Shoulder arthroplasty: TSA and reverse TSA. William Beaumont Hospital Inpatient Physical and Occupational Therapy In-service, Royal Oak, MI, July 26, 2005.

**Wiater JM.** Introduction to shoulder replacements. Balance Evaluation & Treatment Techniques and Shoulder Replacements & Rehabilitation, Michigan Health and Rehabilitation Services and Home Rehabilitation Services of Michigan, Troy, MI, November 5, 2005.

**Wiater JM.** Rotator cuff disease. Shoulder arthroplasty. William Beaumont Hospital Department of Physical Medicine and Rehabilitation Conference, Royal Oak, MI, November 21, 2005.

**Wiater JM.** Elbow arthritis / contractures / arthroplasty / arthroscopy. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, January 10, 2006.

**Wiater JM.** Shoulder Arthroplasty: TSA and Reverse TSA. Novacare Rehabilitation In-Service, Southfield, MI, January 19, 2006.

**Wiater JM.** Early results of reverse total shoulder arthroplasty with a Delta III-type prosthesis. 30<sup>th</sup> Annual Orthopaedic Research Day, Department of Orthopaedic Surgery, William Beaumont Hospital, Royal Oak, MI, June 2, 2006.

**Wiater JM.** Treatment of proximal humerus fractures. 45<sup>rd</sup> Annual Meeting Carl E. Badgley Lectureship, University of Michigan Department of Orthopaedic Surgery, Ann Arbor, MI, October 27, 2006.

**Wiater JM:** Elbow arthritis / arthroplasty. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, March 27, 2007.

**Wiater JM.** Reverse total shoulder arthroplasty. Michigan Orthopaedic Society Annual Scientific Meeting, Traverse City, MI, June 21-23, 2007.

**Wiater JM.** Top 10 total shoulder arthroplasty myths. Detroit Academy of Orthopaedic Surgeons, Troy, MI, October 8, 2007.

**Wiater JM.** Rotator cuff disease. William Beaumont Hospital- Troy Physical Therapy In-service, Royal Oak, MI, May 22, 2008.

**Wiater JM.** Shoulder arthroplasty. William Beaumont Hospital- Troy Physical Therapy In-service, Royal Oak, MI, May 22, 2008.

**Wiater JM:** Shoulder arthritis/arthroplasty. William Beaumont Hospital Orthopaedic Surgery Residency, Sports Medicine and Shoulder Lecture Series, Royal Oak, MI, May 19, 2009.

**Wiater JM.** Prosthetic arthroplasty: Hemi vs reverse total shoulder arthroplasty. *In* Controversies in the management of massive rotator cuff tears. Shoulder Study Group. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 19-21, 2009.

**Wiater JM.** Total shoulder arthroplasty and reverse total shoulder arthroplasty: Tips and tricks. Michigan Orthopaedic Society Annual Fall Meeting, Grand Rapids, MI, October 29, 2009.

**Wiater JM.** Total shoulder arthroplasty: An Overview and technique. Ingham Regional Orthopedic Hospital, Orthopaedic Surgery Residency Program, Lansing, MI, January 23, 2010.

**Wiater JM.** Rotator cuff tears: Assessment, outcomes, and controversies. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 18-20, 2010.

**Wiater JM.** Rotator cuff disease: Extrinsic vs intrinsic theories and the role of acromioplasty. Statewide Campus System Orthopaedic Surgery Educational Day, Michigan State University College of Osteopathic Medicine, Troy, MI, March 9, 2011.

**Wiater JM.** Rotator cuff tears: Assessment, outcomes, and controversies. Statewide Campus System Orthopaedic Surgery Educational Day, Michigan State University College of Osteopathic Medicine, Troy, MI, March 9, 2011.

**Wiater JM.** Total shoulder arthroplasty: State of the art. Fifth Annual Educational Meeting Rehab at OneBeaumont, Royal Oak, MI, September 24, 2011.

**Wiater JM.** Posterior locked shoulder dislocation. Case presentation. Beaumont Health System, Department of Orthopaedic Surgery, Interesting X-ray Conference, Royal Oak, MI, October 21, 2011.

**Wiater JM.** Surgical options for patients with shoulder arthritis. Michigan State University College of Osteopathic Medicine Statewide Campus Series Orthopaedic Surgery Educational Day, Troy, MI, March 14, 2012.

**Wiater JM.** Reverse total shoulder arthroplasty: Design considerations. 2<sup>nd</sup> Annual Michigan State University Orthopaedic Surgery Residency Program Alumni Meeting, East Lansing, MI, June 1, 2012.

**Wiater JM.** Revision total shoulder arthroplasty. 51<sup>st</sup> Annual University of Michigan Department of Orthopaedic Surgery Carl E. Badgely Lectureship, Ann Arbor, MI, October 19, 2012.

**Wiater JM.** Management of rotator cuff tears. Michigan Orthopaedic Society Annual Fall Meeting, Plymouth, MI, October 26, 2012.

**Wiater JM.** Reverse shoulder prosthesis: Design considerations. Michigan Osteopathic Academy of Orthopaedic Surgeons Spring Meeting, Novi, MI, April 11, 2013.

**Wiater JM.** Indications for reverse total shoulder arthroplasty in fracture management. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 21-23, 2013.

**Wiater JM.** Partial rotator cuff tears. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 21-23, 2013.

**Wiater JM.** The failed shoulder replacement: Making the best out of a difficult situation. Detroit Medical Center Sports Medicine Symposium, Detroit, MI, July 26-27, 2013.

**Wiater JM.** The anatomic glenoid component: Where we have been and where we are headed. Michigan Orthopaedic Society Annual Fall Education Program, Grand Rapids, MI, October 2, 2013.

**Wiater JM.** The next accreditation system: A resident perspective. Beaumont Health System Orthopaedic Surgery Residency Lecture Series, Royal Oak, MI. May 8, 2014.

**Wiater JM.** Reverse total shoulder arthroplasty: Indications, pearls, & pitfalls. 54<sup>th</sup> Annual Carl E. Badgely Lectureship, Ann Arbor, MI, September 11, 2015.

**Wiater JM.** Reverse total shoulder arthroplasty: Indications, pearls, & pitfalls. Orthopaedic surgery educational conference, Statewide Campus System, College of Osteopathic Medicine, Michigan State University, Troy, MI, February 10, 2016.

**Wiater JM.** Management of the challenging revision arthroplasty: The vanishing glenoid. 55<sup>th</sup> Annual Carl E. Badgley Lectureship, Ann Arbor, MI, September 16, 2016.

**Wiater JM.** Advancements in surgery of the shoulder. Rehab at One Beaumont, Royal Oak, MI. October 22, 2016.

**Wiater JM.** Interesting case presentations: Periprosthetic humeral fracture + achondroplasia. Interesting Case Conference, Department of Orthopaedic Surgery, Beaumont Health, Royal Oak, MI, July 17, 2017.

**Wiater JM.** Stemless anatomic total shoulder arthroplasty: Does size matter? 56<sup>th</sup> Annual Carl E. Badgley Lectureship, Ann Arbor, MI, September 15, 2017.

**Wiater JM.** My approach to the failed arthroscopic instability repair. The Latest Concepts in Sports Surgery of the Shoulder and Knee: A Hands-On Course for Senior Residents and Fellows. Royal Oak, MI, September 30, 2017.

**Wiater JM.** Stemless anatomic total shoulder arthroplasty: Does size matter? Michigan Orthopaedic Society Annual Fall Meeting, Plymouth, MI. 25 October 2018.

**Wiater JM.** Shoulder arthroplasty in the young patient. 11<sup>th</sup> Annual Detroit Sports Medicine Symposium, Plymouth, MI, 18-19 July 2019.

**Wiater JM.** Interesting shoulder case presentations. Michigan Orthopedic Society Annual Fall Education Program, Grand Rapids, MI, 17 October 2019.

### ***Invited Lecturer at Refereed Regional Non-CME Meetings***

**Wiater JM.** Treatment of rotator cuff tears / reverse total shoulder arthroplasty. Arthrex Medical Education: Sports medicine symposium. Troy, MI, 17 November 2018.

**Wiater JM.** Anatomic total shoulder arthroplasty – Update. Team Rehabilitation, Madison Heights, MI, 23 April, 2019.

**Wiater JM.** Oakland University William Beaumont School of Medicine 2020-2021 Committee on Appointments, Promotion, and Tenure Annual Report to the OUWBSOM Executive Committee, February 4, 2021.

Pitts D, Afonso N, **Wiater JM.** DCAPT, Department Chair, and Administrative Assistant 2021 Informational Session. Virtual Meeting. Oakland University

JM Wiater, MD  
4 May 2021

William Beaumont School of Medicine Committee on Appointments, Promotion, and Tenure, **Wiater JM (chair)**. AM session, February 24, 2021.

Pitts D, Afonso N, **Wiater JM**. DCAPT, Department Chair, and Administrative Assistant 2021 Informational Session. Virtual Meeting. Oakland University William Beaumont School of Medicine Committee on Appointments, Promotion, and Tenure, **Wiater JM (chair)**. PM session, February 24, 2021.

***Poster Presentations at Refereed National CME Meetings (by acceptance of abstract submitted)***

Maxy RJ, **Wiater JM**, Marra G, Levine WN, Pollock RG, Flatow EL, Bigliani LU: Arthroscopic debridement of glenohumeral arthritis: Intermediate term results. American Academy of Orthopaedic Surgeons 66<sup>th</sup> Annual Meeting, Anaheim, CA, February 7-8, 1999.

Park JY, Marra G, **Wiater JM**, Pollock RG, Flatow EL, Bigliani LU: Repair of massive rotator cuff tears: Long term follow-up. American Academy of Orthopaedic Surgeons 66<sup>th</sup> Annual Meeting, Anaheim, CA, February 7-8, 1999.

Marra G, **Wiater JM**, Levine WN, Flatow EL, Pollock RG, Bigliani LU: Surgical management of glenohumeral arthritis with massive rotator cuff tears. American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting, Orlando, FL, March 15-19, 2000.

**Wiater JM**, Freehill MQ, Levine WN, Flatow EL, Bigliani LU: The operative treatment of scapulothoracic bursitis. American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting, Orlando, FL, March 15-19, 2000.

Shubin-Stein BE, **Wiater JM**, Pfaff C, Bigliani LU, Levine WN: Detection of acromioclavicular joint pathology in asymptomatic shoulders using MRI. American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting, Orlando, FL, March 15-19, 2000.

**Wiater JM**, Sugalski MT, Levine WN, Bigliani LU: An anatomic study of the humeral attachment of the inferior glenohumeral capsule. American Orthopaedic Society for Sports Medicine Specialty Day Meeting, San Francisco, CA, March 3, 2001.

**Wiater JM**, Sugalski MT, Levine WN, Bigliani LU. An anatomic study of the humeral attachment of the inferior glenohumeral capsule. American Orthopaedic Society for Sports Medicine 27<sup>th</sup> Annual Meeting, Keystone, CO, June 28-July 1, 2001.



Sugalski M, **Wiater JM**, Levine WN, Bigliani LU. The confluence of the subscapularis insertion and the glenohumeral joint capsule. Arthroscopy Association of North America 21<sup>st</sup> Annual Meeting, Washington DC, April 25-28, 2002.

Placzek JD, Freeman DC, Lukens SC, Badalamenti S, Roubal PJ, **Wiater JM**. Predicting shoulder strength using allometry: Implications for shoulder outcomes assessments. Mid America Annual Meeting, Hilton Head, SC, April 2003.

Vibert B, **Wiater JM**. Glenohumeral joint volume reduction with progressive release and shift of the inferior shoulder capsule. American Orthopaedic Society for Sports Medicine 2004 Annual Meeting, Quebec City, Canada, June 24-27, 2004.

Vibert B, **Wiater JM**. Glenohumeral joint volume reduction with progressive release and shift of the inferior shoulder capsule. American Academy of Orthopaedic Surgeons 2005 Annual Meeting, Washington, DC, February 23-27, 2005.

**Wiater JM**, Blaine TB, Buss DB, Freehill MQ, Hattrup SJ, Weinstein D, Flatow EL, Bigliani LU. A prospective multicenter study of total shoulder replacement for glenohumeral osteoarthritis. American Academy of Orthopaedic Surgeons 73<sup>rd</sup> Annual Meeting, Chicago, IL, March 22-26, 2006.

Kippe MA, **Wiater JM**, Nowinski G. Surgical treatment of displaced proximal humerus fractures with a short intramedullary nail. Orthopaedic Trauma Association Annual Meeting, Phoenix, AZ, October 5-7, 2006.

Kempton LB, **Wiater JM**. Early complication rate for the initial 200 reverse total shoulder arthroplasties by a single surgeon. American Academy of Orthopaedic Surgeons 2009 Annual Meeting, Las Vegas, NV, February 25-28, 2009.

Boone CR, Kempton LB, Ankerson E, Balusubramaniam M, **Wiater JM**. Early results of bilateral reverse total shoulder arthroplasty. Mid-America Orthopaedic Association 28<sup>th</sup> Annual Meeting, Austin, TX, April 21-25, 2009.

Vaupel Z, Mangla J, Baker KC, **Wiater JM**. The influence of glenosphere design features on the polyethylene wear of reverse total shoulder arthroplasty systems: An in vitro wear simulation. Orthopaedic Research Society 56<sup>th</sup> Annual Meeting, New Orleans, LA, March 6-9, 2010.

Moore D, Nolan, EM, Baker E, **Wiater JM**. Radiographic and damage mode analyses of retrieved total shoulder arthroplasty systems. Orthopaedic Research Society 56<sup>th</sup> Annual Meeting, New Orleans, LA, March 6-9, 2010.

Nolan EM, Baker E, **Wiater JM**. Radiographic and damage mode analyses of retrieved reverse total shoulder arthroplasty systems. American Academy of Orthopaedic Surgeons 2010 Annual Meeting, New Orleans, LA, March 9-13, 2010.

Moore D, Nolan EM, Baker E, **Wiater JM**. Analysis of retrieved total shoulder arthroplasty components and periprosthetic tissue. American Academy of Orthopaedic Surgeons 2011 Annual Meeting, San Diego, CA, February 15-19, 2011.

Bunting H, Macauley A, Gorroochurn P, Buss D, Freehill M, **Wiater JM**, Bigliani LU, Levine WN. Mid-term evaluation following total shoulder arthroplasty (TSA): A prospective multicenter study. Special Emphasis Poster Presentation, 124<sup>th</sup> Annual Meeting of the American Orthopaedic Association, Boston, MA, June 22-25, 2011.

Moore D, Budge MD, Nolan EM, Baker EA, Baker K, Richardson-Frazzitta M, Kurdziel M, **Wiater JM**. Proinflammatory cytokines and proteases in shoulder arthroplasty periprosthetic tissue. American Academy of Orthopaedic Surgeons 2012 Annual Meeting, San Francisco, CA, February 7-12, 2012.

Bogle A, Budge MD, Richman AH, Miller RJ, **Wiater JM**, Voloshin I. Radiographic results of fully uncemented trabecular metal reverse shoulder system at one and two year follow-up. American Academy of Orthopaedic Surgeons 2012 Annual Meeting, San Francisco, CA, February 7-12, 2012.

Budge MD, Moravek J, Nolan EM, **Wiater JM**. Uncemented reverse total shoulder arthroplasty for the cuff-deficient shoulder: Minimum two year follow-up. American Academy of Orthopaedic Surgeons 2012 Annual Meeting, San Francisco, CA, February 7-12, 2012.

Moravek JE, Wiater BP, Kurdziel M, Baker KP, **Wiater JM**. Biomechanical characterization of an all-polyethylene pegged bone in-growth glenoid: Is cementation necessary? American Academy of Orthopaedic Surgeons 2013 Annual Meeting, Chicago, IL, March 19-23, 2013.

Sabesan V, Callanan MC, Ghareeb GM, **Wiater JM**, Iannotti JP. Scapular morphology and surgical techniques as predictors of notching in reverse shoulder arthroplasty. E-poster, 2013 American Shoulder and Elbow Surgeons Open Meeting, Chicago, IL, March 23, 2013.

Moravek JE, Koueiter D, Maerz T, Marcantonio D, Wiater BP, **Wiater JM**. Deltoid parameters as predictors of outcome following reverse total shoulder arthroplasty. E-poster, 2013 American Shoulder and Elbow Surgeons Open Meeting, Chicago, IL, March 23, 2013.

Moravek JE, Budge MD, Koueiter D, Wiater BP, **Wiater JM**. Uncemented vs. cemented reverse total shoulder arthroplasty for treatment of the rotator cuff deficient shoulder: A case-control study with minimum two-year follow-up. E-poster, 2013 American Shoulder and Elbow Surgeons Open Meeting, Chicago, IL, March 23, 2013.

Kurdziel M, Peers S, Moravek JE Jr, Budge MD, Baker K, **Wiater JM**. Wear rates of highly cross-linked polyethylene in a reverse total shoulder arthroplasty wear simulation. E-Poster. International Society for Technology in Arthroplasty 26<sup>th</sup> Annual Congress, Palm Beach, FL, October 16-19, 2013.

Wiater BP, Koueiter D, Moravek JE Jr, **Wiater JM**. Uncemented versus cemented reverse total shoulder arthroplasty. E-Poster. International Society for Technology in Arthroplasty 26<sup>th</sup> Annual Congress, Palm Beach, FL, October 16-19, 2013.

Wiater BP, Moravek JE, Kurdziel MD, Baker KC, **Wiater JM**. Biomechanical characterization of an all-polyethylene pegged bone in-growth glenoid: Is cementation necessary? E-Poster. International Society for Technology in Arthroplasty 26<sup>th</sup> Annual Congress, Palm Beach, FL, October 16-19, 2013.

Sabesan V, Callanan MC, Ghareeb GM, **Wiater JM**, Iannotti JP. Scapular morphology and surgical techniques as predictors of notching in reverse shoulder arthroplasty. E-Poster. International Society for Technology in Arthroplasty 26<sup>th</sup> Annual Congress, Palm Beach, FL, October 16-19, 2013.

Wiater BP, Pinkas DE, Koueiter D, **Wiater JM**. Improving rotation in reverse total shoulder arthroplasty: Latissimus transfer versus lateral offset glenosphere. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, March 11-15, 2014.

Sharma V, Iannotti JP, **Wiater JM**, Sabesan V. Comparison of functional outcomes with different glenosphere sizes in reverse shoulder arthroplasty. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, March 11-15, 2014.

Sabesan V, Lombardo DJ, Jossierand D, Schrotenboer A, **Wiater JM**. Effects of deltoid lengthening on functional outcomes following reverse total shoulder arthroplasty. Orthopaedic Research Society 2015 Annual Meeting, Las Vegas, NV, March 28-31, 2015.

Carpenter SR, Pinkas D, Newton M, Kurdziel M, Baker K, **Wiater JM**. Wear rates of retentive versus nonretentive reverse total shoulder arthroplasty liners in an in vitro wear simulation. Mid-America Orthopaedic Association 2015 Annual Meeting, Hilton Head, SC, April 22-26, 2015.

Sabesan V, Sharma V, Beam C, **Wiater JM**. Comparison of outcomes and optimal assessment tools after reverse total shoulder arthroplasty. Mid-America Orthopaedic Association 2015 Annual Meeting, Hilton Head, SC, April 22-26, 2015.

Kurziel M, Ho A, Gowda A, Baker K, **Wiater JM**. Quantitative evaluation of retrieved reverse total shoulder arthroplasty liner wear rates. Orthopaedic Research Society Annual Meeting, Orlando, FL, March 5-8, 2016.

Smith JT, Wilhelm S, Baker EA, **Wiater JM**, Baker KC. Serum bone turnover biomarkers in revision surgery for shoulder arthroplasty loosening. Orthopaedic Research Society 2017 Annual Meeting, San Diego, CA, March 19-22, 2017.

Smith JT, Wilhelm S, Baker EA, **Wiater JM**, Baker KC. Circulating biomarkers of bone metabolism in shoulder arthroplasty patients undergoing revision surgery of implant loosening. 2017 Mid-America Orthopaedic Association 35<sup>th</sup> Annual Meeting, Amelia Island, FL, April 19-23, 2017.

Gehrke CK, Wright JO, Khatib ON, Penvose IR, **Wiater JM**, Wiater BP. Evaluation of taper fretting and corrosion damage in retrieved reverse total shoulder arthroplasty components. Orthopedic Research Society 2020 Annual Meeting, Phoenix, AZ, 8-11 February, 2020.

Khatib ON, Martusiewicz A, Cavinatto LM, Galasso L, Koueiter D, Wiater BP, **Wiater JM**. Radiographic analysis of humeral head reconstruction with spherical head stemmed and stemless implants compared to an anatomic non-spherical head implant. American Academy of Orthopaedic Surgeons 2020 Annual Meeting, ePoster P0272-2020, [www.aaos.org](http://www.aaos.org). Orlando, FL, 24-28 March 2020.

Gehrke CK, Wright JO, Baker EA, Khatib ON, Penvose IR, Wiater BP, **Wiater JM**. Evaluation of taper fretting and corrosion damage in retrieved reverse total shoulder arthroplasty components. e-Poster. American Shoulder and Elbow Surgeons 2020 Virtual Annual Meeting, October 2-3, 2020.

Sargent T, Balbach M, Krauss J, Smith CB, Thomas J, Berres AD, Spicuzzi C, Smith J, **Wiater JM**. The functional shoulder range of motion in middle-aged to elderly patients. American Academy of Orthopedic Surgeons 2021 Annual Meeting, San Diego, August 31- September 3, 2021.

***Poster Presentations at Refereed Regional CME Meetings (by acceptance of abstract submitted)***

**Wiater JM**, Glover RA, Wojtys EW. The presence and distribution of Substance P fibers in the tibial plateau and their possible role in osteoarthritis. University of

Michigan Medical School Student Biomedical Research Forum, Ann Arbor, MI, October, 1990.

**Wiater JM**, Buss D, Freehill MQ, Hattrup SS, Flatow EL, Bigliani LU, Blaine TB. A prospective multicenter evaluation of total shoulder replacement for primary glenohumeral arthritis. Michigan Orthopaedic Society Annual Scientific Conference, Mackinac Island, MI, June 16-18, 2006.

Vaupel Z, **Wiater JM**, Baker K, Shorez J. Unique biomechanical wear simulation of reverse total shoulder systems. Michigan Orthopaedic Society Annual Scientific Conference, Mackinac Island, MI, June 20-22, 2008.

Budge MD, Zimel M, Nolan EM, Moravek J, **Wiater JM**: Reverse total shoulder arthroplasty for the management of failed shoulder arthroplasty with proximal humeral bone loss: Is allograft augmentation necessary? Michigan Orthopaedic Society Annual Scientific Conference, Mackinac Island, June 10-12, 2011.

Fishman M, Moravek J, Baker K, Kurdziel M, **Wiater JM**. Effect of lesser tuberosity osteotomy repair technique on gap formation and ultimate failure load. Southeast Michigan Center for Continuing Medical Education Annual Resident and Fellow Conference, Southfield, MI, May 23, 2012.

Moravek J, Baker E, Baker K, Kurdziel M, **Wiater JM**. Genomic, histological, and mechanical characterization of the long head of the biceps tendon in the presence and absence of the rotator cuff. 42<sup>nd</sup> Annual Beaumont Health System Research Institute 2012 Residents' and Fellows' Research Forum, Royal Oak, MI, June 13, 2012.

Wiater BP, Kurdziel M, Maerz T, Baker KC, **Wiater JM**. Effect of rotator cuff tears on genomic, histologic, and biomechanic properties of the long head of the biceps tendon. Beaumont Health System Research Institute 43<sup>rd</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, June 5, 2013.

Carpenter S, Wiater BP, Koueiter D, Marcantonio D, **Wiater JM**. Influence of body mass index on clinical outcomes in reverse total shoulder arthroplasty. Southeast Michigan Center for Continuing Medical Education Research Forum and Meadowbrook Lecture, Rochester, MI. May 28, 2014.

Pinkas DER, Wiater BP, Koueiter D, **Wiater JM**. Improving rotation in reverse total shoulder arthroplasty: Latissimus transfer vs lateral offset glenosphere. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. June 12-14, 2014.

Carpenter S, Wiater BP, Koueiter D, **Wiater JM**. Influence of body mass index on outcomes in reverse total shoulder arthroplasty. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI. June 12-14, 2014.

Smith JT, **Wiater JM**, Baker KC, Tomanek B. Characterization of bone biomarkers as a screening tool for aseptic loosening after shoulder arthroplasty. Oakland University William Beaumont School of Medicine CAPSTONE Research Forum, Rochester, MI. March 2016.

Vara A, Kouierter D, Wiater BP, **Wiater JM**. Intravenous tranexamic acid reduces blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. Beaumont Health 46<sup>th</sup> Annual Resident/Fellow Research Forum, Royal Oak, MI. 24 May 2016.

Gowda A, Ho AG, **Wiater JM**. Stemless humeral component in total shoulder arthroplasty: Two-year age-related clinical outcomes. Beaumont Health 46<sup>th</sup> Annual Resident/Fellow Research Forum, Royal Oak, MI. 24 May 2016.

Vara A, Kouierter D, Wiater BP, **Wiater JM**. Intravenous tranexamic acid reduces blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. 2016 SEMCME Research Forum & Meadowbrook Lecture, Rochester, MI. 25 May 2016.

Shields EJ, Kouierter D, Maerz T, Schwark A, **Wiater JM**: Effect of previous rotator cuff repair on clinical outcomes after reverse total shoulder arthroplasty. Beaumont Health 47<sup>th</sup> Annual Resident/Fellow Research Forum, Royal Oak, MI, May 22-23, 2017.

Sobh AH, Smith JT, Kouierter DM, **Wiater JM**. Influence of payer type on disparities in access to care for rotator cuff repair. Beaumont Health 47<sup>th</sup> Annual Resident/Fellow Research Forum, Royal Oak, MI, May 22-23, 2017.

Sobh AH, Smith JT, Kouierter DM, **Wiater JM**. Influence of payer type on disparities in access to care for rotator cuff repair. Michigan Summit on Quality Improvement & Patient Safety, Novi, MI, Jun2, 2017.

Shields EJ, Kouierter D, Maerz T, Schwark A, **Wiater JM**: Patient outcomes after revision of anatomic total shoulder arthroplasty to reverse total shoulder arthroplasty. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 16-18, 2017.

Sobh AH, Smith JT, Kouierter DM, **Wiater JM**. Influence of payer type on disparities in access to care for rotator cuff repair. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, June 16-18, 2017.

Khatib O, Kouierter D, Wiater BP, Martusiewicz A, **Wiater JM**. Radiographic comparison of stemless vs stemmed anatomic total shoulder arthroplasty: Is stemless more anatomic? Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, June 21-23, 2019.

## **VISITING PROFESSORSHIPS/LECTURESHIPS**

### ***Invited Visiting Professorships***

**Wiater JM.** Visiting Professor, Iowa Orthopaedic Society Spring Meeting, West Des Moines, IA, April 13, 2012.

**Wiater JM.** Fall Visiting Professor, University of Oklahoma Health Sciences Center, Department of Orthopaedic Surgery, Oklahoma City, OK, November 19-20, 2015.

### ***Invited Grand Rounds Presentations***

**Wiater JM.** Infected hip and knee arthroplasties. University of Michigan Section of Orthopaedic Surgery Grand Rounds, Ann Arbor, MI, August 29, 1996.

**Wiater JM.** The first metatarsophalangeal joint. University of Michigan Section of Orthopaedic Surgery Grand Rounds, Ann Arbor, MI, November 21, 1996.

**Wiater JM.** Proximal humeral fractures. University of Michigan Section of Orthopaedic Surgery Grand Rounds, Ann Arbor, MI, May 15, 1997.

**Wiater JM,** Sugalski M, Levine WN, Bigliani LU. An anatomic study of the inferior humeral attachment of the glenohumeral capsule. Department of Orthopaedic Surgery Grand Rounds, New York Orthopaedic Hospital, Columbia-Presbyterian Medical Center, New York, NY, June 10, 1999.

**Wiater JM.** Approach to shoulder arthritis. Department of Physical Medicine and Rehabilitation Grand Rounds, William Beaumont Hospital, Royal Oak, MI, October 22, 2004.

**Wiater, JM.** Recent experience in reverse total shoulder arthroplasty. Grand Rounds, Department of Orthopaedic Surgery, Columbia University Medical Center, New York, NY, April 29, 2010.

**Wiater JM.** Diagnosis and treatment of classic shoulder impingement. Grand Rapids Medical Education and Research Center Orthopaedic Surgery Residency Grand Rounds, Grand Rapids, MI, September 29, 2010.

**Wiater JM.** Henry Ford Health System Orthopaedic Surgery Department Grand Rounds, Detroit, MI, February 19, 2014.

**Wiater JM.** Reverse total shoulder arthroplasty: Indications, pearls, and pitfalls. Fall Visiting Professor, University of Oklahoma Health Sciences Center, Department of Orthopaedic Surgery, Oklahoma City, OK, November 19-20, 2015.

**Wiater JM.** Reverse total shoulder arthroplasty: Indications, pearls, and pitfalls. Beaumont-Taylor Orthopaedic Surgery Grand Rounds, Dearborn, MI, January 6, 2016.

**Wiater JM.** Rotator cuff disease: Extrinsic vs intrinsic theories and the role of acromioplasty. Henry Ford Health System Department of Orthopaedic Surgery Grand Rounds, Detroit, MI, November 23, 2016.

## TEACHING ACTIVITIES

1996	Preceptor for third year medical students Section of Orthopaedic Surgery Department of Surgery University of Michigan Ann Arbor, MI.
1997	Preceptor for third year medical students Section of Orthopaedic Surgery Department of Surgery University of Michigan Ann Arbor, MI.
1998	Preceptor for third year medical students Department of Orthopaedic Surgery New York Orthopaedic Hospital Columbia University College of Physicians and Surgeons New York, NY.
1999 - present	Attending Surgeon and Teaching Faculty Shoulder and Elbow Service Orthopaedic Surgery Residency Program Department of Orthopaedic Surgery William Beaumont Hospital Royal Oak, MI Beaumont Health System
2005 – present	Director



Shoulder and Elbow Anatomy Module  
Annual Resident Cadaveric Anatomy Course  
Orthopaedic Surgery Residency Program  
Department of Orthopaedic Surgery  
William Beaumont Hospital  
Royal Oak, MI  
Beaumont Health System

2005 - present

Attending Surgeon and Teaching Faculty  
Sports Medicine Fellowship  
Department of Orthopaedic Surgery  
William Beaumont Hospital  
Royal Oak, MI  
Beaumont Health System

2009 – present

Attending Surgeon and Teaching Faculty  
Shoulder and Elbow Surgery Fellowship  
Department of Orthopaedic Surgery  
William Beaumont Hospital  
Royal Oak, MI  
Beaumont Health System

2011 – 2013

Capstone Mentor  
Oakland University William Beaumont School of Medicine  
Kaivan Salehpour, Class of 2015  
“Patient activity level after reverse total shoulder arthroplasty.”

2012 – 2016

Capstone Mentor  
Oakland University William Beaumont School of Medicine  
Justin Smith, Class of 2016  
“Characterization of bone biomarkers in total shoulder arthroplasty with aseptic loosening.”

2013 – 2017

Capstone Mentor  
Oakland University William Beaumont School of Medicine  
Jeffrey Stusick, Class of 2016  
“Predictors of outcome of reverse total shoulder arthroplasty.”

## RESEARCH/GRANTS

### ***Multicenter Clinical Outcomes Research***

- 2002- 2010      Columbia Shoulder Study, an international multicenter study of the outcomes of total shoulder arthroplasty for primary osteoarthritis.  
200 patients enrolled at 15 centers  
HIC #2002-102  
Principal investigator: **Wiater JM**  
Sponsor: Zimmer  
Study CLOSED to enrollment and follow-up
- 2011 – present      *Simpliciti* stemless total shoulder arthroplasty study, an FDA-approved IDE trial.  
200 patients enrolled at 15 centers  
HIC #2011-154  
Principal investigator: **Wiater JM**  
Sponsor: Tornier  
12 patients enrolled  
\$60,000.00  
Study CLOSED to enrollment, follow-up ongoing
- 2013 – present      *Nano* stemless total shoulder arthroplasty study, an FDA-approved IDE trial.  
600 patients to be enrolled at 12 centers  
HIC application in progress  
Principal investigator: **Wiater JM**  
Sub-I: Anderson K  
Sponsor: Biomet

### ***Ongoing Clinical Outcomes Research***

- 2007 – present      Reverse Total Shoulder Arthroplasty Outcome Study, a prospective analysis of the long term results of surgery in 2000 patients.  
HIC #2006-008  
Principal investigator: **Wiater JM**  
Sponsor: none  
Study OPEN to enrollment, follow-up ongoing  
Over 1250 patients have been enrolled to date

### ***Basic Science Research In Medical School***

- 1990 **Wiater JM**, Glover RA, Wojtys EW. The presence and distribution of Substance P fibers in the tibial plateau and their possible role in osteoarthritis.
- 1992 **Wiater JM**, Wojtys EW, Glover RA. The quantification of Substance P fibers in surgically resected herniated lumbar discs, and The age related quantification of Substance P fibers in the rat.

### ***Grant Support***

- 1990 **Wiater JM**, Glover RA, Wojtys EW. NIH Short Term Training Grant. The presence and distribution of substance P fibers in the tibial plateau and their possible role in osteoarthritis. \$2,125.00.
- 2001-2002 Capecci P, **Wiater JM**, Kerr H, Wiater BC, Malone K. William Beaumont Hospital Minor Research Grant RI-01-25RM (HIC-2001-137). A prospective study of the incidence of DVT following shoulder surgery. \$5,000.00.
- 2003-2004 Vibert, B, **Wiater, JM**. William Beaumont Hospital Minor Research Grant RI-02-22RM. Reduction of the glenohumeral joint volume with progressive release and shifting of the inferior glenohumeral capsule. \$4371.30.
- 2006 Bales CP, **Wiater JM**, Demetropoulos CK: William Beaumont Hospital Minor Research Grant RC-98641. Evaluation of biologic cement for initial fixation of a new trabecular metal glenoid component. \$5,000.00.
- 2008 **Wiater JM**, Baker K, Vaupel Z, Demetropoulos D. American Shoulder and Elbow Surgeons' 2008 Research Grant. The influence of design features on the wear performance of reverse total shoulder arthroplasty systems: An in vitro wear simulation. \$20,000.00
- 2008 Boone C, Kempton L, **Wiater JM**, Aho H. William Beaumont Hospital Minor Research Grant RI-08-09, HIC-2006-088, Reverse total shoulder arthroplasty outcome study. \$10 000.00.

2010 – 2011	American Orthopaedic Association OMeGA Medical Grant, William Beaumont Hospital Adult Reconstruction – Shoulder and Elbow Fellowship. \$50,000.00.
2011- 2012	Orthopaedic Research and Education Foundation Clinician Development Program GME Fellowship Grant, William Beaumont Hospital Adult Reconstruction – Shoulder and Elbow Fellowship. \$27,250.00.
2011 – 2013	American Orthopaedic Association OMeGA Medical Grant, William Beaumont Hospital Adult Reconstruction – Shoulder and Elbow Fellowship. \$150,000.00.
2013 - 2014	American Orthopaedic Association OMeGA Medical Grant, William Beaumont Hospital Adult Reconstruction – Shoulder and Elbow Fellowship. \$30,400.00.
2015-2016	American Orthopaedic Association OMeGA Medical Grant, William Beaumont Hospital Adult Reconstruction – Shoulder and Elbow Fellowship. \$10,000.00
2016-2017	American Orthopaedic Association OMeGA Medical Grant, William Beaumont Hospital Adult Reconstruction – Shoulder and Elbow Fellowship. \$27,250.00
2017-2018	American Orthopaedic Association OMeGA Medical Grant, Grant ID #: 21642, William Beaumont Hospital Adult Reconstruction – Shoulder and Elbow Fellowship. \$39,150.00
2017-2018	American Shoulder and Elbow Surgeons Foundation Fellowship Education Grant Program. \$20,500.00
2018-2019	American Shoulder and Elbow Surgeons Foundation Fellowship Education Grant Program. \$24,750.00
2018-2019	American Orthopaedic Association OMeGA Medical Grant, William Beaumont Hospital Adult Reconstruction – Shoulder and Elbow Fellowship. \$24,500.00
2020	Blue Cross Blue Shield Medical Student Grant. \$3,000.00 Ian Penvose, MS-II , primary grant recipient. To support the Anatomic Total Shoulder Arthroplasty/Hemiarthroplasty Retrieval Study.

## SCIENTIFIC ADVISORY BOARDS

2010 – 2013	Eleven Blade LLC
2018-2020	Catalyst OrthoScience LLC
2010 – present	Coracoid Solutions LLC

## SERVICE

### *Editorial Activities*

2006 – 2009	Consultant Reviewer <i>Journal of Shoulder and Elbow Surgery</i>
2006 – 2015	Editor, Shoulder and Elbow Section <i>OrthoInfo</i> American Academy of Orthopaedic Surgeons Patient Education Web Site Content Development Project Team <a href="http://www.orthoinfo.aaos.org/">www.orthoinfo.aaos.org/</a>
2007 – present	Consultant Reviewer <i>Journal of Bone and Joint Surgery, American Volume</i>
2008 – present	Reviewer <i>Journal of the American Academy of Orthopaedic Surgeons</i>
2009 – present	Assistant Editor <i>Journal of Shoulder and Elbow Surgery</i>
2009 – present	Contributing Editor <i>Yearbook of Hand and Upper Extremity Surgery</i>
2010 – present	Reviewer <i>Clinical Orthopaedics and Related Research</i>
2010 – present	Peer Reviewer <i>Shoulder and Elbow Section, Orthopaedic Knowledge Online (OKO), American Academy of Orthopaedic Surgeons</i>

2012 - present	Reviewer <i>The Physician and Sportsmedicine</i>
2013 – present	Reviewer <i>Acta Orthopaedica</i>
2013 – present	Reviewer <i>The Journal of Hand and Microsurgery</i>
2014 – present	Reviewer <i>Open Orthopaedics Journal</i>
2014 – present	Reviewer <i>BMC Musculoskeletal Disorders</i>
2014	Guest reviewer <i>American Academy of Orthopaedic Surgeons Digital Media Surgical Techniques in Orthopaedics: Controversies in Proximal Humerus Fractures</i>
2015 – present	Reviewer <i>Journal of Bone and Joint Surgery Essential Surgical Techniques</i>
2015	Reviewer <i>Lubricants</i>
2017 – 2020	Founding Co-Editor-in-Chief <i>Journal of Shoulder and Elbow Arthroplasty</i> An online open access journal published by SAGE Publications, Thousand Oaks, CA.
2020 – present	Inaugural Co-Editor-in-Chief <i>Seminars in Arthroplasty: Journal of Shoulder and Elbow Surgery</i> A member of the JSES Family of Journals Elsevier, publisher

## **PATENTS / INTELLECTUAL PROPERTY**

2018 – 2019      Ignite Orthopedics Radial Head Design Team

Radial head prosthesis sold to Synthes GmbH on July 14, 2019

2019 – present Ignite Orthopedics Shoulder Design team  
Shoulder prosthetic system acquired by DePuy on August 28, 2020

- Anatomic circular ring fixation glenoid component
  - US Patent No. 10,842,638 B2
  - Date of Patent November 24, 2020
- Radial Head Orthopedic Implant Apparatus and Method of Using Same
  - Patent sold to Depuy-Synthes
  - Application Number 20190254829
  - <http://appft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PG01&p=1&u=%2Fnetahtml%2FPTO%2Fsrchnum.html&r=1&f=G&l=50&s1=%220190254829%22.PG.NR.&OS=DN/20190254829&RS=DN/20190254829>
- Surgical Instrument Handle with Implant Sizing Feature and Method of Using
  - Patent sold to Depuy-Synthes
  - Application Number 20190298322
  - <http://appft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PG01&p=1&u=%2Fnetahtml%2FPTO%2Fsrchnum.html&r=1&f=G&l=50&s1=%220190298322%22.PG.NR.&OS=DN/20190298322&RS=DN/20190298322>
- Trial Radial Head Implant
  - Patent sold to DePuy-Synthes
  - Application Number 20190269516
  - <http://appft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PG01&p=1&u=%2Fnetahtml%2FPTO%2Fsrchnum.html&r=1&f=G&l=50&s1=%220190269516%22.PG.NR.&OS=DN/20190269516&RS=DN/20190269516>

This patent was NOT sold to DePuy and still needs some work by us to get it into a patentable state.

- Radial Head Orthopedic Implant Apparatus and Method of Using Same
  - Application Number 20190298530
  - <http://appft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PG01&p=1&u=%2Fnetahtml%2FPTO%2Fsrchnum.html&r=1&f=G&l=50&s1=%220190298530%22.PG.NR.&OS=DN/20190298530&RS=DN/20190298530>

2020 Ignite Orthopedics LLC shoulder US patent 10722372 issued July 28, 2020

## **PHILANTHROPIC GIFTS FROM PATIENTS**

2019 \$100,000.00 donated by John Hagberg to the Beaumont Foundation for the Department of Orthopedic Surgery, Beaumont Health, Royal Oak, MI for the purchase of two 4K Arthrex arthroscopic video towers and equipment

2021 \$50,000.00 donated by John Hagberg to the Beaumont Foundation for the Shoulder Fund to support shoulder research

## **VOLUNTEER WORK / COMMUNITY SERVICE**

1999 – 2009	Medical Advisory Board Beverly Hills Club Beverly Hills, MI
2001 – present	Active Member Beaumont Society
Fall 2005	Assistant coach Girls soccer team Bloomfield Hills Youth Soccer League Bloomfield Hills, MI
Spring 2006	Assistant coach Girls soccer team Bloomfield Hills Youth Soccer League Bloomfield Hills, MI
Fall 2006	Assistant coach Girls soccer team Bloomfield Hills Youth Soccer League Bloomfield Hills, MI
Fall 2007	Head coach Boys kindergarten soccer Bloomfield Hills Youth Soccer League
Spring 2007	Assistant coach T-ball under 8 Franklin Baseball League Franklin, MI
Spring 2007	Assistant coach



	Girls soccer team Bloomfield Hills Youth Soccer League Bloomfield Hills, MI
2008- present	Medical Director Team Rehabilitation SF, LLC Royal Oak, MI
2012-2013	Medical Director Complete Fitness Rehabilitation, Inc. Clinton Township, MI
Spring 2008	Head coach Boys kindergarten soccer Bloomfield Hills Youth Soccer League Bloomfield Hills, MI
2009 – present	Medical Director Orthopaedic Manual Physical Therapy, Inc. Troy, MI
Spring 2009	Head coach Boys first grade soccer Bloomfield Hills Youth Soccer League Bloomfield Hills, MI
Fall 2009	Assistant Coach Boys first grade soccer Bloomfield Hills Youth Soccer League Bloomfield Hills, MI
2010 – 2011	Medical Director Physical Therapy Specialists, PC Troy, MI
Spring 2010	Assistant Coach Boys first grade soccer Bloomfield Hills Youth Soccer League Bloomfield Hills, MI
2010 – present	Oral Examiner American Board of Orthopaedic Surgery Chicago, IL
May 26, 2011	Understanding and addressing chronic shoulder pain Community health talk

	Birmingham Community House, Birmingham, MI
2012-2013	Medical Director Complete Fitness Rehabilitation, Inc. Clinton Township, MI
2012 – present	Founding Member Visionary Research Society Orthopaedic Research and Education Foundation
Fall 2012	Head coach Boys kindergarten soccer Bloomfield Hills Youth Soccer League Bloomfield Hills, MI
Spring 2013	Head coach Boys kindergarten soccer Bloomfield Hills Youth Soccer League Bloomfield Hills, MI
February 7, 2013	Community health talk Understanding chronic shoulder pain Troy Community Center Troy, MI
Fall 2013	Head coach Boys first grade soccer Bloomfield Hills Youth Soccer League Bloomfield Hills, MI

## **EXTRACURRICULAR ACTIVITIES**

Spending time with my four young children, enjoying and working on my classic Corvette and muscle car collection, playing electric bass guitar, planting and cultivating trees, gardening, reading, waterskiing, weightlifting, SCUBA diving, fishing, freshwater aquariums.