

ALEXANDER MARTUSIEWICZ, M.D.

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EDUCATION

University of Michigan 2004 to 2008
Ann Arbor, Michigan
Bachelor of Science with Distinction in Neuroscience (May 2008)

University of Michigan Medical School 2008 to 2012
Ann Arbor, Michigan
Doctor of Medicine (May 2012)

POST-GRADUATE TRAINING

Northwestern University Feinberg School of Medicine 2012 to 2017
Chicago, Illinois
Resident, Department of Orthopaedic Surgery

Washington University School of Medicine 2017 to 2018
St. Louis, Missouri
Fellow in Shoulder and Elbow Surgery, Department of Orthopaedic Surgery

CERTIFICATION AND LICENSURE

Certification	United States Medical Licensing Exam, Step I	2010
	United States Medical Licensing Exam, Step II CK	2011
	United States Medical Licensing Exam, Step II CS	2011
	United States Medical Licensing Exam, Step III	2013
	American Board of Orthopaedic Surgery, Part I	2017
	American Board of Orthopaedic Surgery, Part II	2020
Licensure	Illinois State Medical License -125062021	2012 to 2017
	Missouri State Medical License - 2017005302	2017 to 2018
	Michigan State Medical License - 4301114141	2018 to Present
	Michigan State Controlled Substance License	2018 to Present
	Drug Enforcement Administration License	2017 to Present

APPOINTMENTS

Academic	Clinical Instructor of Orthopaedic Surgery, Oakland University William Beaumont School of Medicine, Rochester, MI	2019 to 2021
	Assistant Professor of Orthopaedic Surgery, Oakland University William Beaumont School of Medicine, Rochester, MI	2022 to Present
Clinical	Orthopaedic Surgeon, Shoulder and Elbow Specialist Department of Orthopaedic Surgery Beaumont Grosse Pointe, Royal Oak, and Taylor	2018 to Present

PROFESSIONAL SOCIETY MEMBERSHIP

American Academy of Orthopaedic Surgeons	2012 to Present
American Shoulder and Elbow Surgeons	2020 to Present
American Board of Orthopaedic Surgery	2020 to Present

WORK EXPERIENCE

International Center for Automotive Medicine, <i>Orthopaedic Modeling, Ann Arbor, MI</i>	2011 to 2012
Extracorporeal Life Support Laboratory, <i>Assistant, Ann Arbor, MI</i>	2008 to 2010
Health In Action, University of Michigan, <i>Treasurer, Ann Arbor, Dominican Republic</i>	2008 to 2011
Albin Neurology Laboratory, <i>Assistant, Ann Arbor, MI</i>	2005 to 2008
Michigan Lacrosse Camps, <i>Coach, Ann Arbor, MI</i>	2005 to 2008

HONORS AND AWARDS

Teacher of the Year, <i>Beaumont Orthopaedic Surgery Residency</i>	2021
MCLA National Champion, <i>University of Michigan Lacrosse</i>	2008
MCLA Academic All-American, <i>University of Michigan Lacrosse</i>	2008
MCLA All-American, <i>University of Michigan Lacrosse</i>	2008
CCLA Champion, <i>University of Michigan Lacrosse</i>	2005, 2006, 2008
CCLA All-Conference First Team, <i>University of Michigan Lacrosse</i>	2008
Bachelor of Science with Distinction Honors, Neuroscience, <i>University of Michigan</i>	2008
Wesley Martus Scholar Athlete, Highest GPA <i>University of Michigan Lacrosse</i>	2007
James B. Angell Scholar Honors, <i>University of Michigan</i>	2007
University Honors, <i>University of Michigan</i>	2005, 2006, 2007
Most Improved Player, <i>University of Michigan Lacrosse</i>	2006
North American Guild of Music, North American Guitar Finalist, <i>Toronto, Ontario</i>	2004
North American Guild of Music – Regional Guitar Finalist First place: Age, Length of Study, Fingerstyle, Hard Rock	2001-2004

ADMINISTRATIVE SERVICE AND LEADERSHIP

Beaumont Orthopaedic Value Analysis (VAT) Committee, , <i>Beaumont Health</i>	2022 to Present
Beaumont Taylor Professional Practice Executive Committee, <i>Beaumont Health</i>	2021 to Present
Shoulder Arthroscopy Lab Instructor, <i>Beaumont Health</i>	2020 to Present
Orthopaedic Anatomy Lab Instructor, <i>Beaumont Health</i>	2019 to Present
NUFSM Surgery Clerkship Instructor, Orthopaedics, <i>Northwestern University</i>	2013-2016
OR Simulation Medical School Instructor, <i>Northwestern University</i>	2015
UMMS Global REACH, Member, <i>University of Michigan, Dominican Republic</i>	2008-2011
Galens Medical Society - Social Chair, Member, <i>University of Michigan</i>	2009
UMHS Gifts of Art, Guitarist, <i>University of Michigan</i>	2006-2009
MSHARE, Student-athlete volunteer, <i>University of Michigan</i>	2004-2008
Mott's From the Heart, Student-athlete volunteer, <i>University of Michigan</i>	2004-2008

PERSONAL

Fluent in Polish

PUBLICATIONS

MANUSCRIPTS

Lee JJ, **Martusiewicz A**, Odeh KI, Patel RD, Graziano GP. *Lumbar Spine Posterior Subcutaneous Fat Depth: Correlation with Body Mass Index*. The Spine Journal: Official Journal of the North American Spine Society. September 2013; 13(9):S161-S162. doi: 10.1016/j.spinee.2013.07.408

Lee JJ, Rosenbaum SL, **Martusiewicz A**, Holcombe SA., Wang SC, Goulet JA. *Transsacral screw safe zone size by sacral segmentation variations*. Journal of Orthopaedic Research. February 2015; 33(2):277-82. doi: 10.1002/jor.22739 PMID: 25231682

Martusiewicz A, Keener JD. *Lesser Tuberosity Osteotomy in Anatomic Total Shoulder Arthroplasty*. Journal of Shoulder and Elbow Arthroplasty. November 2018; 2: 1-7. doi: 10.1177/2471549218809713

Martusiewicz A, Chamberlain A. *Diagnosis, management, and prevention of the unstable shoulder arthroplasty*. Complex and Revision Shoulder Arthroplasty: An Evidence-Based Approach to Evaluation and Management. Springer International Publishing. January 2019. p. 187-197. doi: 10.1007/978-3-030-02756-8_13

Martusiewicz A, Delagrammaticas D, Harold R, Bhatt SA, Mazmudar AS, Beal MD, Manning DW. *Anterior Versus Posterior Total Hip Arthroplasty- Patient Reported Outcomes in Early Post Operative Period*. Hip International, 2019, doi: 10.1177/1120700019881413 PMID: 31588801

Monroe EJ, Selley RS, Gombera MM, Nair R, **Martusiewicz A**, Christian RA, Marra G, Saltzman MD. *The Quality and Accuracy of Online Resources for Total and Reverse Shoulder Replacement*. J Surg Orthop Adv. 2019 Winter;28(4):290-294, PMID: 31886767

Martusiewicz A, Khan AZ, Chamberlain AM, Keener JD, Aleem A. *Outpatient narcotic consumption following total shoulder arthroplasty*. Journal of Shoulder and Elbow Surgery Open Access, 2019. doi: 10.1016/j.jses.2017.11.002 PMID: 32195470

Hinckel BB, Baumann CA, Ejnisman L, Cavinatto LM, **Martusiewicz A**, Tanaka MJ, Tompkins M, Sherman SL, Chahla JA, Frank R, Yamamoto GL, Bicos J, Arendt L, Fithian D, Farr J. *Evidence-based Risk Stratification*

for Sport Medicine Procedures During the COVID-19 Pandemic. J Am Acad Orthop Surg Glob Res Rev. 2020 Oct 1;4(10):e20.00083. doi: 10.5435/JAAOSGlobal-D-20-00083. PMID: 33986224

Mourad W, Wiater B, Wiater JM, **Martusiewicz A**. *Baseplate Options in Reverse Total Shoulder Arthroplasty*. Current Reviews in Musculoskeletal Medicine, 2020. Dec;13(6):769-775. doi:10.1007/s12178-020-09677-1 PMID: 33034820

Cavinatto L, Khatib O, **Martusiewicz A**, Koueiter D, Wiater B, Wiater JM. *Radiographic Evaluation of Humeral Head Reconstruction with Stemmed and Stemless Spherical Implants Compared with Stemless Elliptical Head Implants*. Journal of Shoulder and Elbow Surgery International, 2021 May 21; (5):889-893. doi: 10.1016/j.jseint.2021.04.015 PMID: 34505101

Ajibade DA, Yin CX, Hussein HS, Wiater BP, **Martusiewicz A**, Wiater JM. *Stemless Reverse Total Shoulder Arthroplasty: A Systematic Review*. Journal of Shoulder and Elbow Surgery, 2022 January 17;S1058-2746(22)00130-6. doi: 10.1016/j.jse.2021.12.017 PMID: 35051541

IN PREPARATION

Sanders EJ, **Martusiewicz A**, Wiater B, Wiater JM, Saltzman, MD. Implant Comparison in Reverse Shoulder Arthroplasty for Proximal Humerus Fractures. Manuscript in preparation for the Journal of Shoulder and Elbow Surgery.

Chen S, Marra G, Salazar, D, **Martusiewicz A**, Wiater B, Wiater JM. Subscapularis Repair versus Tenotomy in Reverse Shoulder Arthroplasty- A Prospective Multi-Center Trial. IRB submitted, data collection pending acceptance.

RESEARCH PRESENTATIONS AND ABSTRACTS

Martusiewicz A, Khan AZ, Chamberlain AM, Keener JD, Aleem A. Outpatient narcotic consumption following total shoulder arthroplasty. Podium Presentation at American Academy of Orthopaedic Surgeons Annual Meeting, Orlando, FL 2020.

Khatib O, **Martusiewicz A**, Cavinatto, L, Wiater B, Wiater JM. Radiographic Analysis of Humeral Head Reconstruction with Spherical Head Stemmed and Stemless Implants Compared to an Anatomic Stemless Non-Spherical Head Implant. Poster Presentation at American Academy of Orthopaedic Surgeons Annual Meeting, Orlando, FL 2020.

Martusiewicz A, Delagrammaticas D, Bhatt SA, Mazmudar AS, Beal MD, Manning DW. *Anterior Versus Posterior Total Hip Arthroplasty- Patient Reported Outcomes in Early Post Operative Period*. American Academy of Orthopaedic Surgeons Annual Meeting, San Diego, CA, 2017.

Martusiewicz A, Delagrammaticas D, Bhatt SA, Mazmudar AS, Beal MD, Manning DW. *Anterior Versus Posterior Total Hip Arthroplasty- Patient Reported Outcomes in Early Post Operative Period*. Podium presentation at Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL, 2016.

Martusiewicz A, Coukos J, Gomberawalla MM, Douros DJ, Terry MA. *Partial Thickness Rotator Cuff Tears: Trans-Rotator Interval Repair Technique for PASTA Lesions*. Podium presentation at OMICS International Conferences: Sports Medicine, Chicago, IL, 2015.

Gomberawalla MM, Nair R, **Martusiewicz A**, Monroe E, Marra G, Saltzman MD. *The Quality and Accuracy of Online Patient Resources for Shoulder Arthroplasty*. Electronic poster presentation at American Shoulder and Elbow Surgeons Closed Meeting, Pinehurst, NC, 2014.

Lee JJ, **Martusiewicz A**, Patel RD, Goulet JA, Graziano GP. *Lumbar Spine Posterior Subcutaneous Fat Depth: Correlation with Body Mass Index*. Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, 2014.

Lee JJ, **Martusiewicz A**, Odeh KI, Patel RD, Goulet JA, Graziano GP. *Lumbar Spine Posterior Subcutaneous Fat Depth: Correlation With Body Mass Index*. North American Spine Society Annual Meeting, New Orleans, LA, 2013.

Lee JJ, **Martusiewicz A**, Odeh KI, Patel RD, Goulet JA, Graziano GP. *Lumbar Spine Posterior Subcutaneous Fat Depth: Correlation With Body Mass Index*. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, 2013.

Lee JJ, Rosenbaum SL, **Martusiewicz A**, Holcombe SA, Wang SC, Goulet JA. *Transiliac-Transsacral Screw Safe Zone Diameter in 1,033 Sacra*. University of Michigan, Department of Orthopaedic Surgery, 52nd Carl E. Badgley Lectureship, Ann Arbor, MI, 2013.

Lee JJ, Rosenbaum SL, **Martusiewicz A**, Holcombe SA, Wang SC, Goulet JA. *Transiliac-Transsacral Screw Safe Zone Diameter in 1,033 Sacra*. University of Michigan, Department of Orthopaedic Surgery, Senior Thesis Day, Ann Arbor, MI, 2013.

Lee JJ, **Martusiewicz A**, Goulet JA. *Transiliac-Transsacral Screw Safe Zone Diameter in 1,091 Sacra*. Orthopaedic Trauma Association Annual Meeting, Minneapolis, MN, 2012.

Lee JJ, **Martusiewicz A**, Goulet JA. *Transiliac-Transsacral Screw Safe Zone Diameter in 1,091 Sacra*. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, 2012.

Martusiewicz A, Akay B, Camboni D, Koch KL, Pohlmann JR, Cook KE. *Effect of Hypoxia on RV Function During Simulated Exercise*. Student Biomedical Research Program Symposium, Ann Arbor, MI, 2009.

Akay B, Foucher JA, Camboni D, Koch KL, **Martusiewicz A**, Pohlmann JR, Krause EM, Kawatra A, Cook KE. *Impedance and Right Ventricular Function in the Hypertensive Pulmonary System*. Extracorporeal Life Support Organization Annual Conference, Ann Arbor, Michigan, 2009.

Camboni D, Akay B, Albert JM, Toomasian JM, Koch KL, **Martusiewicz A**, Haft JW, Cook KE, Bartlett RH. *Treatment of Acute Severe Pulmonary Hypertension with Right to Left Atrial Shunting and Venovenous Extracorporeal Life Support. Impedance and Right Ventricular Function in the Hypertensive Pulmonary System*. Extracorporeal Life Support Organization Annual Conference, Ann Arbor, Michigan, 2009.

ACADEMIC PRESENTATIONS AND INVITED LECTURES

Martusiewicz A, King EC. Pediatric Forearm Fracture Case Series; Tachdjian Memorial Symposium, Lurie Children's Hospital, Division of Orthopaedic Surgery; Northwestern University, Chicago, IL, 2013.

Martusiewicz A. Orthopaedic Surgery Anatomy Lab Presentation – Shoulder and Elbow Surgery. Michigan State University College of Osteopathic Medicine. East Lansing, MI, 2021.

Martusiewicz, A. Anatomic Total Shoulder Arthroplasty: History, Exposure, Technique and Design. Arthrex; Pinnacle, Inc. Troy, MI 2021.

Martusiewicz, A. Reverse Shoulder Arthroplasty: History, Templating, Technique and Design. Arthrex; Pinnacle, Inc. Troy, MI 2022.

INVITED LECTURER AT NATIONAL CME MEETINGS

Martusiewicz A. Reverse Prosthesis Design: Onlay vs. Inlay; AAOS/ASES Anatomic and Reverse Total Shoulder Arthroplasty Virtual Course, Rosemont, IL, 2020.

INVITED NATIONAL CME COURSE FACULTY

AAOS/ASES Anatomic and Reverse Total Shoulder Arthroplasty Virtual Course, Rosemont, IL, 2020.