**Mark Karadsheh, M.D.**

Oakland University William Beaumont School of Medicine

Orthopaedic Surgery, Adult Reconstruction

mkaradsh@umich.edu

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| William Beaumont Hospital3601 W 13 Mile RoadRoyal Oak, MI, 48073 |  Performance Orthopaedics 24255 W 13 Mile Rd #100 Bingham Farms, MI, 48025  |
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**EDUCATION AND TRAINING**

8/2000-8/2005 University of Michigan, Honors Program

 Biology, Bachelor of Science, Graduation with High Distinction

8/2005-8/2009 University of Michigan Medical School

 Doctor of Medicine

8/2009-8/2010 Brigham and Women’s Hospital, Harvard Medical School

 General Surgery Internship

8/2010-8/2014 Harvard Combined Ortohpaedic Residency Program

 Massachusetts General Hospital, Brigham and Women’s Hospital, Children’s Hospital Boston, Beth Israel Deaconess Medical Center

8/2014-8/2015 Rush University Medical Center, Clinical Fellow

 Orthopaedic Surgery, Section of Arthroplasty

**LICENSURES AND CERTIFICATIONS**

8/2017 American Board of Orthopaedic Surgery

 Board Certified Physician

8/2009-8/2014 Massachusetts State Medical Board Limited License

8/2014-8/2015 Illinois State Medical Board License

License Number 036134598

6/2015-Present Michigan State Medical Board License

License Number 4301106918

**ACADEMIC POSITIONS**

8/2015-Present Clinical Instructor, OUWB Medical School

7/2020-Present Fellowship Director, Adult Reconstruction at Beaumont Hospital

9/2020-Present Associate Program Director, Orthopaedic Residency at William Beaumont Hospital

**ADMINISTRATIVE POSITIONS**

2019-Present Vice Chair, 9-South (Orthopaedic Floor)

**PROFESSIONAL POSITIONS**

8/2015-Present Staff Orthopaedic Surgeon

 William Beaumont Hospital

2017 Beaumont Unity Group, Member

 William Beaumont Hospital

2017 Beaumont Website Committee, Member

 William Beaumont Hospital

2017-2019 United Physicians Credentialing Committee, Member

 United Physicians

2017-Present Joint Clinical Pathway Committee, Member

 William Beaumont Hospital

2017-Present United Physicians Executive Committee, Member

 United Physicians

2018-Present MOS Marketing Committee, Member

 Michigan Orthopaedic Surgeons

2019-Present Value Analysis Team, Member

 William Beaumont Hospital

2019-Present Clinical Competency Committee, Member

 William Beaumont Hospital Residency Program

2019-Present Orthopaedic CCP Steering Committee, Member

 William Beaumont Hospital

**PROFESSIONAL MEMBERSHIPS**

2007-2009 Michigan Medical Society

2009-Present American Academy of Orthopaedic Surgeons

2010-2014 Massachusetts Medical Society

2014-Present International Congress for Joint Reconstruction

2014-Present American Academy of Hip and Knee Surgeons

2018-Present Young Arthroplasty Group

**AWARDS AND HONORS**

8/2000-8/2004 University Honors for Academic Achievement

 University of Michigan

8/2004 James B. Angell Scholar

 University of Michigan

8/2004 Phi Beta Kappa

8/2005 Graduation with High Distinction

 University of Michigan

8/2009-8/2010 Resident Council Co-chair, elected member

 Harvard Combined Orthopaedics Residency Program

8/2013-8/2014 Executive Committee, elected member

 Harvard Combined Orthopaedics Residency Program

1/2016 New Physician Grant Recipient for Mid-America Orthopaedic Association

2/2018 Michigan Orthopaedic Society Annual Scientific Meeting Best Paper Award, First Place

2018 *Orthopedics* Blue Ribbon Article Award for Outstanding Contribution in the Orthopaedic Literature

2020 Castle Connolly Top Doctor

**PUBLICATIONS**

Karadsheh MS, Shah MS, Tang X, Macdonald RL, Stitzel JA. Functional characterization of mouse alpha4beta2 nicotinic acetylcholine receptors stably expressed in HEK293T cells. *J Neurochem*. 2004;91(5):1138-1150. doi:10.1111/j.1471-4159.2004.02801.x

Li XC, Karadsheh MS, Jenkins PM, Stitzel JA. Genetic correlation between the free-choice oral consumption of nicotine and alcohol in C57BL/6JxC3H/HeJ F2 intercross mice. *Behav Brain Res*. 2005;157(1):79-90. doi:10.1016/j.bbr.2004.06.010

Li XC, Karadsheh MS, Jenkins PM, et al. Chromosomal loci that influence oral nicotine consumption in C57BL/6J x C3H/HeJ F2 intercross mice. *Genes Brain Behav*. 2007;6(5):401-410. doi:10.1111/j.1601-183X.2006.00266.x

Shah AS, Karadsheh MS, Sekiya JK. Failure of operative treatment for glenohumeral instability: etiology and management. *Arthroscopy*. 2011;27(5):681-694. doi:10.1016/j.arthro.2010.11.057

Shah AS, Kadakia AR, Tan GJ, Karadsheh MS, Wolter TD, Sabb B. Radiographic evaluation of the normal distal tibiofibular syndesmosis. *Foot Ankle Int*. 2012;33(10):870-876. doi:10.3113/FAI.2012.0870

Karadsheh MS, Rodriguez EK, Harris MB, Zurakowski D, Lucas R, Weaver MJ. Mortality and Revision Surgery Are Increased in Patients With Parkinson's Disease and Fractures of the Femoral Neck [published correction appears in Clin Orthop Relat Res. 2015 Jul;473(7):2440. Weaver, Michael [corrected to Weaver, Michael J]; Harris, Mitchel [corrected to Harris, Mitchel B]]. *Clin Orthop Relat Res*. 2015;473(10):3272-3279. doi:10.1007/s11999-015-4262-5

Sobh AH, Siljander MP, Mells AJ, Koueiter DM, Moore DD, Karadsheh MS. Cost Analysis, Complications, and Discharge Disposition Associated With Simultaneous vs Staged Bilateral Total Knee Arthroplasty. *J Arthroplasty*. 2018;33(2):320-323. doi:10.1016/j.arth.2017.09.004

Sobh AH, Koueiter DM, Mells A, Siljander MP, Karadsheh MS. The Role of Aspirin and Unfractionated Heparin Combination Therapy Immediately After Total Hip and Knee Arthroplasty. *Orthopedics*. 2018;41(3):171-176. doi:10.3928/01477447-20180320-08

Henrichsen JL, Wilhem SK, Siljander MP, Kalma JJ, Karadsheh MS. Treatment of Patella Fractures. *Orthopedics*. 2018;41(6):e747-e755. doi:10.3928/01477447-20181010-08

Siljander MP, McQuivey KS, Fahs AM, Galasso LA, Serdahely KJ, Karadsheh MS. Current Trends in Patient-Reported Outcome Measures in Total Joint Arthroplasty: A Study of 4 Major Orthopaedic Journals. *J Arthroplasty*. 2018;33(11):3416-3421. doi:10.1016/j.arth.2018.06.034

Lombardo DJ, Siljander MP, Gehrke CK, Moore DD, Karadsheh MS, Baker EA. Fretting and Corrosion Damage of Retrieved Dual-Mobility Total Hip Arthroplasty Systems. *J Arthroplasty*. 2019;34(6):1273-1278. doi:10.1016/j.arth.2019.02.008

Siljander MP, Cross J, Koueiter DM, Sobh A, Moore D, Karadsheh MS. Order of Total Hip or Total Knee Arthroplasty Does Not Affect Length of Stay or Discharge Disposition in Patients With Coexisting Hip and Knee Arthritis. *Orthopedics*. 2019;42(6):e528-e531. doi:10.3928/01477447-20190604-08

Darrith B, Bohl DD, Karadsheh MS, Sporer SM, Berger RA, Levine BR. Periprosthetic Fractures of the Distal Femur: Is Open Reduction and Internal Fixation or Distal Femoral Replacement Superior?. *J Arthroplasty*. 2020;35(5):1402-1406. doi:10.1016/j.arth.2019.12.033

Siljander MP, Whaley JD, Koueiter DM, Alsaleh M, Karadsheh MS. Length of Stay, Discharge Disposition, and 90-Day Complications and Revisions Following Primary Total Hip Arthroplasty: A Comparison of the Direct Anterior, Posterolateral, and Direct Superior Approaches. *J Arthroplasty*. 2020;35(6):1658-1661. doi:10.1016/j.arth.2020.01.082

Lombardo DJ, Siljander MP, Sobh A, Moore DD, Karadsheh MS. Periprosthetic fractures about total knee arthroplasty. *Musculoskelet Surg*. 2020;104(2):135-143. doi:10.1007/s12306-019-00628-9

**PRESENTATIONS**

8/2014 Harvard Orthopaedics Resident Thesis Day

 *Mortality and Revision Surgery are Increased in Patients with Parkinson’s Disease and Fractures of the Femoral Neck*

6/2015 Rush University Resident/Fellow Thesis Day

*Periprosthetic Fractures of the Distal Femur: Is ORIF or Distal Femoral Replacement Superior?*

4/2016 Mid-America Orthopaedic Association Annual Meeting

*Periprosthetic Fractures of the Distal Femur: Is ORIF or Distal Femoral Replacement Superior?*

5/2018 Beaumont Annual Resident Fellow Research Symposium

*Total Hip or Total Knee Arthroplasty-Which Should be Done First?*

5/2018 Beaumont Annual Resident Fellow Research Symposium

 *The Role of Aspirin and Unfractionated Heparin Combination*

*Therapy Immediately after Total Hip and Knee Arthroplasty*

6/2018 Annual Meeting of the Michigan Orthopaedic Society

*Cost-analysis and complications associated with simultaneous versus staged bilateral total knee arthroplasty*

6/2018 Annual Meeting of the Michigan Orthopaedic Society

*Coexisting hip and knee arthritis: Should total hip or total knee arthroplasty be done first?*

6/2018 Annual Meeting of the Michigan Orthopaedic Society

*Fretting and corrosion damage in retrieved dual mobility total hip arthroplasty*

6/2018 Annual Meeting of the Michigan Orthopaedic Society

*The role of aspirin and unfractionated heparin combination therapy immediately after total hip and knee arthroplasty*

11/2018 Annual Meeting of the American Academy of Hip and Knee Surgeons

 *Length of stay, discharge disposition and 90-day complications and revisions following primary total hip arthroplasty: A surgical approach-based analysis*

11/2019 Annual Meeting of the American Academy of Hip and Knee Surgeons

 *Soft tissue envelope around the surgical site of total knee arthroplasty is associated with rate of wound complications*

**EDITORIAL ACTIVITIES**

2012-2016 Editor and Content Creator – Orthobullets.com

9/2014-2016 McGraw Hill Education Clinical Access Content Author

 New York, NY

2016-Present Reviewer – Journal of Arthroplasty

2018-Present Reviewer – Arthroplasty Today

**TEACHING**

8/2003-8/2004 Biochemistry Tutor

 University of Michigan

6/2005-6/2006 Students Teaching AIDS to Students

 Discussion Leader

 University of Michigan Medical School

8/2006-8/2009 Orthopaedic Interest Group

 Co-founder, Co-chair

 University of Michigan Medical School

6/2012 Arthroscopy Lab for Medical Students

 Instructor

 Harvard Medical School

4/2015 AAOS/AAHKS/HS/KS Fundamental of Hip and Knee Arthroplasty

 Clinical Instructor

5/2017 Spring Scientific Meeting Lecture

 *What’s New in Hip Replacements*

6/2017 Nursing Clinical Review Lecture

 *Arthritis, Connective Tissue, and Bone Disorders*

8/2017 Annual Physical Therapists Conference

 *Current Trends in Management of Osteoarthritis*

3/2020 Weekly Lecture Series to Residents on Total Knee Replacement

**SERVICE**

8/2004-8/2005 Miracle League of Michigan Volunteer Coordinator

10/2005 Detroit Project Volunteer

 University of Michigan Medical School

6/2006 Medical Students for Cuba Representative

 University of Michigan Medical School

11/2006 MedShoveler’s Team Coordinator

 University of Michigan Medical School

9/2010-9/2014 Sideline Physician

 Boston Public Schools Varsity Football

10/2013 Sideline Physician

 Collegiate Hockey

8/2015-Present Sideline Physician

 Oakland University Soccer Team