

Mark James Wang, MD
Board Certified Orthopaedic Surgery
Curriculum Vitae

PERSONAL DATA

Desert Institute for Spine Care
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EDUCATION

2007-2008 Fellowship in Spinal Surgery: Southern California Orthopedic Institute
2003-2007 Orthopaedic Surgery Residency: Stanford University Hospital and Clinics
2002-2003 General Surgery Internship: Stanford University Hospital and Clinics
1998-2002 Medical School, UCLA School of Medicine
1994-1998 BS, Biological Sciences; Minor, Economics: Stanford University

CLINICAL RESEARCH

2006 Department of Orthopedic Surgery, Stanford University, Division of Spine Surgery: Minimum Acceptable Outcomes and Expectations after Fusion for Degenerative Disc Disease
2005 Department of Orthopaedic Surgery, Stanford University, Palo Alto Veterans Hospital
Contact Stress in the Knee Following Partial and Full Thickness Meniscectomy for the Treatment of Horizontal Meniscus Tears
2004 Department of Orthopaedic Surgery, Division of Spine Surgery, Stanford University
Assessment of Patient Expectation and Satisfaction in Lumbar Decompression Surgery
2000 Department of Interventional Radiology, UCLA
Embolotherapy of Pelvic Arteriovenous Malformations using Ethylene Vinyl Alcohol Copolymer
1999 Department of Reconstructive Surgery and Orthopaedics, UCLA
Short Term Training Project (STTP) and Poster Presentation entitled "Characterization of Stromal Vascular Fraction Cells with Osteogenic Potential from Liposuctioned Fat Aspirate"
1996-1998 Department of Orthopaedic Surgery, Stanford University
Honors Thesis and Poster Presentation entitled "Periprosthetic Tissue Reaction to Wear Debris from Metal on Metal on Polyethylene Total Hip Replacements—A Preliminary Study
1996 Orthopaedic Hospital, Los Angeles, CA
Summer Research Assistant: Analysis of Ultra High Molecular Weight Polyethylene particles in wear serum from hip simulators using a Coulter Multisizer

HONORS

2017 Phoenix Top Doctors Orthopaedic Spinal Surgeons
2014 Phoenix Top Doctors Orthopaedic Spinal Surgeons
2013 Phoenix Top Doctors Orthopaedic Spinal Surgeons
2007 1st Place: Best Resident Research Paper Award, Stanford Dept of Orthopaedic Surgery
2006 Operation Rainbow Surgeon Overseas Orthopaedic Humanitarian Aid, Nicaragua
1999 STTP Research Grant \$3000, UCLA School of Medicine
1998 Departmental Honors, Biological Sciences, Stanford University
1996-1998 Kappa Sigma Scholar for Academic Achievement, Stanford University
1994 Valedictorian San Marino High School
1994 CIF Male Scholar Athlete of the Year, San Marino High School

WORK EXPERIENCE

2021- Orthopaedic Spine Surgeon: Desert Institute for Spine Care, Phoenix, AZ
2012-2020 Spinal Disorders Specialist: Spine Institute of Arizona, Scottsdale, AZ
2012- Assistant Clinical Faculty, Midwestern School of Medicine, Glendale, AZ
2008-2012 Spinal Disorders Specialist: South Bay Orthopaedic Specialists Medical Center, Torrance, CA

2007-2008 Fellow in Spine Surgery, Southern California Orthopedic Institute, Van Nuys, CA
2002-2007 Resident Physician in the Departments of General Surgery/Orthopaedic Surgery
Stanford University Hospital, Stanford, CA
1999 Medical Scholars Program Clinical Instructor in Gross Anatomy, UCLA
1988-1999 Teaching Assistant Stanford University Molecular Biology

PUBLICATIONS

- “Treatment of Pelvic Arteriovenous Malformations with Ethylene Vinyl Alcohol Copolymer (Onyx),”
Castaneda F, Goodwin SC, Swischuk JL, Wong G, Bonilla SM, Wang MJ, Abdel-Sayed PS.
Journal of Vascular and Interventional Radiology 2002; 13:5:513-516.
- “Positive Cytokine Production in Failed Metal-on-Metal Total Hip Replacements,”
Patricia A Campbell, Mark Wang, Harlan C Amstutz, Stuart B Goodman. Acta Orthopaedica
Scandinavica; Volume 73, Number 5 / October 01, 2002, 506 – 512.
- “Minimum Acceptable Outcomes and Expectations after Fusion for Degenerative Disc Disease”
Eugene Carragee MD, Ivan Cheng MD, Brian JC Freeman MD FRCS, Mark J Wang MD, Todd F
Alamin MD, Erica Van Den Haak, BS. Supplement to the Spine Journal, Proceedings of the North
American Spine Society 21st Annual Meeting, September/October 2006; Volume 6, Number 5S,
31S.
- “Benefit of Single-Leaf Resection for Horizontal Meniscus Tear,” Joseph M Haemer MS, Mark J Wang
MD,
MD, Dennis R Carter PhD, Nicholas J Giori MD, PhD. Clinical Orthopaedics and Related
Research;
April 2007.
- “Validation of a ‘Minimum Acceptable Outcomes’ Model for Outcomes Assessment in Spinal Surgery,”
Eugene Carragee, MD, Ivan Cheng, MD, Mark Wang, MD Supplement to the Spine Journal,
Proceedings of the North American Spine Society 22nd Annual Meeting, September/October 2007;
Volume 7, Number 5S.

PRESENTATIONS

- Presenter: Mark J Wang MD, “Benefit of Single-Leaf Resection for Horizontal Meniscus Tear,”
Podium Presentation @ American Academy of Orthopaedic Surgeons Annual Meeting (AAOS),
Chicago, Illinois, March 23, 2006
- Presenter: Mark J Wang MD, “Minimum Acceptable Outcomes and Expectations after Fusion for
Degenerative Disc Disease,” Podium Presentation at the North American Spine Society Annual
Meeting (NASS), Seattle, Washington, September 28, 2006.
- Presenter: Mark J Wang MD, “Disc Arthroplasty in a Worker’s Compensation Setting,”
Bi-annual Industrial Injuries Symposium, Southern California Orthopedic Institute,
Van Nuys, California, November 14, 2007.

VOLUNTEER WORK

Operation Rainbow Member

BOARD CERTIFICATION

Certified Diplomate of the American Board of Orthopaedic Surgery

ACADEMIC APPOINTMENT

Spinal Fellowship Faculty, Spine Institute of Arizona
Assistant Clinical Faculty, Midwestern School of Medicine, Glendale, AZ

MEMBERSHIPS

North American Spine Society
American Academy of Orthopaedic Surgeons
SOLAS

MEDICAL LICENSE

Arizona
California

CLINICAL COURSE FACULTY

Nuvasive

Globus
Medacta

INTERESTS

Minimally Invasive Spine Surgery
Outpatient ASC Spinal Surgery
MIS Deformity

NUVASIVE WORK

Better Way Back Advocate
XLIF Proctor/Practicing Surgeons/Fellows and Residents Courses 2012-2020
XLIF Spine Institute of Arizona Fellow Proctor 2012-2020
XLIF VSP Proctor Phoenix
Nuvasive NSM Moderator 2017-2020 AMS
Nuvasive Webinar Case Debate Series Modulus vs Porous PEEK 2020
Modulus Design Team Member
Less Ray Consulting Team Member

SPINE INSTITUTE OF ARIZONA FELLOWSHIP PROGRAM (FELLOWS TRAINED)

Samer Shamieh, MD 2012
Bobby Getter, MD 2012
Kris West, MD 2013
Eric Deal, MD 2013
Joseph Blythe, DO 2014
Jeremy James, MD 2014
Dale Landry, MD 2015
Trevor McIver, MD 2015
John Faryna, MD 2016
Paul Miller, DO 2016
John McElroy, MD 2017
Nicholas Scarcella, MD 2017
Carson Fairbanks, MD 2018
Ryan Godinsky, MD 2018
Kevin Burns, MD 2019
Samuel Rosenbaum, MD 2019
Peter McCunniff, MD 2020
Chris Battista, MD 2020

HONORHEALTH

Ortho Spine Co-management Member/Subcommittee Spine and Implants
Less Ray/Radiation Mitigation Safety Consultant

ABRAZO SCOTTSDALE

Ortho Spine New Technology Consultant

CURRENT PROJECTS IN CONJUNCTION WITH HONORHEALTH AND NUVASIVE

Radiation Rates for Spinal Surgery: Comparison of Radiation Exposure Pre and Post Adoption of Less Ray Technology

Updated: 3/25/2021