

Mitchell F. Reiter, M.D.

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1. EDUCATION

a. Undergraduate and Medical School:

University of Miami Honors Program in Medical Education
Six Year Combined B.S., and M.D. Program
Miami, FL
B.S. – 5/1988
M.D. – 5/1992

2. POSTDOCTORAL TRAINING

Internship and Residencies:

University of Miami Orthopaedic Surgery Residency Program (7/1992 - 6/1997)
Jackson Memorial Hospital
Miami, FL
Completed 6/1997

Clinical Fellowship:

Emory University Orthopaedic Fellowship in Spine Surgery (7/1997 - 7/1998)
Atlanta, GA
Completed: 7/1998

3. EXAMINATIONS

Part II Oral Orthopaedic Boards Examination – Pass (Results reported as Pass/Fail)
Part I Exam of American Board of Orthopaedic Surgery (96th percentile)
N.B.M.E. Part III - 695 (98th percentile)
N.B.M.E. Part II - 250 (99th percentile)
N.B.M.E. Part I - 695 (98th percentile)

4. LICENSURE

a. NJ Medical License 25MA06739400 Exp. Date: 6/30/2015

5. CERTIFICATION

Diplomat of the American Board of Orthopaedic Surgery – 7/2000
Re-certified in 7/2009

6. UNIVERSITY APPOINTMENTS

Clinical Assistant Professor of Orthopedic Surgery
Rutgers School of Biomedical Sciences – formerly The New Jersey Medical School / UMDNJ

7. HOSPITAL APPOINTMENTS

Attending Surgeon – Overlook Hospital
Summit, NJ

Attending Surgeon – Mountainside Hospital
Montclair, NJ

Attending Surgeon – University Hospital
Newark, NJ

Attending Surgeon – Saint Barnabas Hospital
Livingston, NJ

8. AWARDS AND HONORS

Alpha Omega Alpha Medical Honor Society.
“Outstanding Educator Award” from the graduating Orthopaedic Chief
Resident Classes of 2000, 2006, and 2008
New Jersey Monthly Top Doctor Award 2008, 2009, 2010, 2011, 2012, 2013, 2014
Honors Program in Medical Education (6 yr. Combined BS/MD Program)
Course Honors: Surgery, Internal Medicine, OB/GYN, Pediatrics, Psychiatry, and Family
Practice (received honors in all mandatory clinical rotations during medical school)
Scholarship award for highest residency program Orthopaedic In-training Exam score 1994 & 1996
University of Miami Trustee Scholarship (4 yr. academic medical school scholarship)
Henry King Stanford Scholarship (academic college scholarship)
College Cum Laude Graduate achieved in 2 years at The University of Miami
College President's List (4.0 GPA) 3 out of the 4 semesters required to complete B.S. degree

9. MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES

President of the New Jersey Orthopaedic Society 10/2013- Present
-Vice President of the New Jersey Orthopaedic Society 10/2012- 9/2013
-Secretary of the New Jersey Orthopaedic Society 10/2011- 9/2012
-Treasurer of the New Jersey Orthopaedic Society 10/2010 – 9/2011
-Program Chair of the 2013 New Jersey Orthopaedic Society Spring Meeting
-Program Chair of the 2010 New Jersey Orthopaedic Society Spring Meeting

Fellow of the American Academy of Orthopaedic Surgeons

Member of the North American Spine Society (NASS)

-Chairman of the NASS Professional Compliance Panel (PCP) 4/2014 - Present

-NASS Ethics Committee member 10/2011-Present

-NASS Coverage Task Force Member 10/2012 - Present

-NASS Education Committee member 10/2008-10/2011

Member of the International Society for the Advancement of Spine Surgery

Member of the Medical Society of New Jersey and Union County Medical Society

Member of the American Medical Association

10. MAJOR RESEARCH WORK

Steering Committee Member for the Model Spinal Cord Injury System Grant received by the Northern New Jersey Spinal Cord Injury System in 2006.

Animal model evaluating A Novel Approach to Prevent Peridural Fibrosis Using a Collagen Synthesis Inhibitor

Vertebroplasty and the need to augment intact osteoporotic vertebrae adjacent to a fracture segment

Biomechanical Analysis of Facet Joint Loading, Fracture Patterns, and Strain Information in Thoracolumbar Burst Fractures

Biomechanical Evaluation of Anterior Lumbar Fixation Augmented with Polymethylmethacrylate Bone Cement

Biomechanical Evaluation of Sacral Screw Fixation Using Trans-Discal L5/S1 Screws

The Effect of Surgically Implanted Metallic Bullet Fragments on the Intervertebral Disc

11. MAJOR TEACHING EXPERIENCE

Clinical Assistant Professor of Orthopaedic Surgery at Rutgers School of Biomedical Sciences – formerly the New Jersey Medical School / UMDNJ
4/2008 to the present.

Full time Assistant Professor of Orthopaedic Surgery at The New Jersey Medical School:
9/1998 – 4/2008.

Director of the New Jersey Medical School Orthopaedic Residency's weekly educational curriculum (CORE curriculum) and Journal Club: 7/1999 – 4/2008

Emory University School of Medicine – Instructor, Department of Orthopaedics 7/97-7/98

12. JOURNAL ARTICLES

Harris C, Reiter M, O'Connor P, Vives M, Loeven P, Yalamanchili P. Effects of 5-Lipoxygenase Inhibition on Posterolateral Lumbar Spinal Fusion in the Rat Model. *The Spine Journal*, 2008, Volume 8, Issue 5, Pages 169S-170S

Harris C, Vives MJ, Reiter MF. Use of Stand-Up Magnetic Resonance Imaging for Evaluation of a Cervicothoracic Injury in a Patient with Ankylosing Spondylitis. *Spine J*. 2008 Jul-Aug;8(4):678-82

Vives MJ, Kishan S, Asghar J, Milo S, Reiter MF, Livingston D. Spinal Injuries in Pedestrians Struck by Motor Vehicles. *J Spinal Disord Tech*. 2008 Jun;21(4):281-7.

Chaudhary S, Vives MJ, Basra SK, Reiter MF. Postoperative Spinal Wound Infections. *J Spinal Cord Med*. 2007; 30(5): 441–451.

Basra SK, Vives MJ, Reilly MC, Reiter MF, Cushins LG. Methemoglobinemia after fiberoptic intubation in a patient with an unstable cervical fracture: a case report. *J Spinal Disorders Tech* 2006; 19(4):302-4.

Reiter MF, Vives MJ, Surgical Issues in the Injured Worker with Lower Back Pain. *Clinics in Occupational and Environmental Medicine*, 2006; 5(3): 703-717

Kishan S, Vives MJ, Reiter MF: Current Concepts on the Timing of Surgical Intervention after Spinal Cord Injury. *J. Spinal Cord Med* 2005;28(1): 11-19

Higgins KB, Harten RD, Langrana NA, Reiter MF, The Biomechanical Effects of Unipedicular Vertebroplasty on Intact Vertebrae. *Spine*, 28(14), July 2003

N.A. Langrana, R.D. Harten, D.C. Lin, M.F. Reiter, C.K. Lee: Acute Thoracolumbar Burst Fractures: Review of the Current Situation and a New View of Loading Mechanisms. *Spine*, 27(5), March 2002

Boqing Chen, MD, PhD, Mitchell Reiter, MD, Todd P Stitik, MD, Michael Vives, MD, Gerard A. Malanga, MD and Patrick M. Foye, MD. Mechanism of groin pain in discogenic low back pain. Nine Case reports and literature review . *Pain Physician*, October 2002; (5):4

L.J. Wolansky, A.C. Nachiappan, G. Seo, M. Reiter: "CT of Untreated Occipitatlantal Rotatory Subluxation (OARS)" *Emergency Radiology*, 8, 2001

M.F. Reiter, Boden S.D.: "Inflammatory Disorders of the Cervical Spine". *Spine*, 1998. 23(24)

13. BOOKS, MONOGRAPHS AND CHAPTERS

M.F. Reiter, S. Chaudhary: "Transforaminal and Posterior Lumbar Interbody Fusion." *Operative Techniques in Spine Surgery*. Lippincott, Williams & Wilkins, 2014

M.F. Reiter, S. Chaudhary: "Transforaminal and Posterior Lumbar Interbody Fusion." *Operative Techniques in Orthopaedic Surgery 2e*. Lippincott, Williams & Wilkins, 2014

M.F. Reiter, S. Chaudhary: "Transforaminal and Posterior Lumbar Interbody Fusion." *Operative Techniques in Orthopaedic Surgery*. Lippincott, Williams & Wilkins, 2010

M.F. Reiter, S. Basra: "Atlas Fractures." *Spine Trauma: Adult & Pediatric*, edited by Daniel Kim, Steven Ludwig, and Alexander Vaccaro, Elsevier, 2007

M.F. Reiter, J.G. Heller: "Postoperative Infections of the Thoracolumbar Spine". The Failed Spine. Lippincott, Williams & Wilkins, 2003.

M.F. Reiter, J.G. Heller: "Infections of the Spine". The Oxford Textbook of Surgery, 2nd ed.. Oxford University Press, 2000.

M.F. Reiter, S.D. Boden: "Adult Arthritis". Orthopaedic Knowledge Update 6. Published by the American Academy of Orthopaedic Surgeons, 1999.

14. ABSTRACTS AND PRESENTATIONS

Reiter MF: Inflammatory Disorders of the Spine. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, Sept 12th, 2013.

Reiter MF: Thoracolumbar Traum. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, July 19th, 2012.

Reiter MF: Inflammatory Disorders of the Spine. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, July 14th, 2011.

Reiter, MF: Transient Quadraplegia and Functional Spinal Stenosis. Invited Lecture, The Spine Study Group Annual Meeting, West Palm Beach, Florida, May 13th, 2010

Reiter, MF: Interbody Fusion for Lumbar Degenerative Disc Disease. Invited Lecture, The Spine Study Group Annual Meeting, West Palm Beach, Florida, May 14th, 2010

Reiter, MF: Update on Returning to Sports After Spine Injury. Invited Lecture, The Spine Study Group Annual Meeting, West Palm Beach, Florida, May 29^h, 2009

Reiter, MF: Metastatic Disease to the Spine Incidence and Screening. Invited Lecture, The Spine Study Group Annual Meeting, West Palm Beach, Florida, May 29th, 2009

Harris C, Reiter M, O'Connor P, Vives M, Loeven P, Yalamanchili P. 5-Lipoxygenase Inhibition and a Novel Rat Posterolateral Lumbar Spinal Fusion Model using Homologous Rat Demineralized Bone Matrix. Poster Presentation at The North American Spine Society Annual Meeting, San Francisco, 2009.

Harris C, Reiter M, O'Connor P, Vives M, Loeven P, Yalamanchili P. Effects of 5-Lipoxygenase Inhibition on Posterolateral Lumbar Spinal Fusion in the Rat Model. Poster Presentation at The American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco 2008.

Harris C, Reiter M, O'Connor P, Vives M, Loeven P, Yalamanchili P. Effects of 5-Lipoxygenase Inhibition on Posterolateral Lumbar Spinal Fusion in the Rat Model. Poster Presentation at The North American Spine Society Meeting, Toronto 2008 .

Reiter, MF: High Grade Spondylolisthesis: The Role for In Situ Fusion. Invited Lecture, The Spine Study Group Annual Meeting, West Palm Beach, Florida, May 4th, 2007

Reiter, MF: Central Cord Syndrome: Current Treatment Options. Invited Lecture, The Spine Study Group Annual Meeting, West Palm Beach, Florida, May 5th, 2007

Reiter MF: Program Chair and Moderator of Spine Section. Orthopaedics for the Primary Care Provider CME Event, The New Jersey Medical School Department of Orthopaedic Surgery, May st, 2006

Reiter MF: Cervical Spine Disorders. Orthopaedics for the Primary Care Provider CME Event, The New Jersey Medical School Department of Orthopaedic Surgery, May st, 2006

Reiter MF: Pediatric Spinal Disorders. Orthopaedics for the Primary Care Provider CME Event, The New Jersey Medical School Department of Orthopaedic Surgery, May 6st, 2006

Reiter, MF: Lumbar Spinal Stenosis. Grand Rounds Presentation – The Department of Medicine – Mountainside Hospital, Montclair, NJ. March 30th, 2006.

Reiter, MF: Adult Scoliosis. Healthlink Radio Invited Interview, University Hospital / UMDNJ. March 5th, 2006.

Reiter, MF: Surgical Issues in the Injured Worker with Lower Back Pain. Grand Rounds Presentation – The Department of Physical Medicine and Rehabilitation – The New Jersey Medical School and The Kessler Institute for Rehabilitation. October 7th, 2006.

Reiter MF: Inflammatory Disorders of the Spine. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, August 18th, 2005.

Reiter MF: Osteoporosis and Spinal Insufficiency Fractures. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, July 26th, 2005.

Reiter, MF: The Use of Autogenous Bone Marrow in Augmenting Spinal Fusion. Invited Lecture, The Spine Study Group Annual Meeting, West Palm Beach, Florida, June 9th, 2005

Reiter, MF: Interbody Fusion Table Instructor. Challenges to Spine Surgery Symposium, San Diego, California, April 2nd, 2005

Reiter MF: Complications in Spinal Surgery. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, September 2nd, 2004

Reiter MF: Thoracolumbar Spinal Trauma. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, August 19th, 2004

Reiter MF: Anatomy and Surgical Approaches of the Spine. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, July 22nd 2004

Reiter MF: Cervical Spine Disorders. Orthopaedics for the Primary Care Provider CME Event, The New Jersey Medical School Department of Orthopaedic Surgery, May 1st, 2004

Reiter, MF: Interbody Fusion Table Instructor. Challenges to Spine Surgery Symposium, Las Vegas, Nevada, April 23rd, 2004

Reiter MF: Lumbar Spinal Stenosis. Invited Lecture, Montefiore Medical Center Residents Spine Course, January 10th, 2004

Reiter MF: Gunshot Wounds to the Spine. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, September 11th, 2003

Reiter MF: Osteoporosis and Spinal Insufficiency Fractures. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, August 28th, 2003

Reiter MF: Inflammatory Disorders of the Spine. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, August 7th, 2003

Reiter, MF: Failed Interbody Fusions. Invited Lecture, Challenges to Spine Surgery Symposium, Las Vegas, Nevada, April 4th, 2003

Reiter, MF: Management of the Osteoporotic Spine. Invited Lecture, Challenges to Spine Surgery Symposium, Cerromar, Puerto Rico, January 11th, 2003

Reiter, MF: Failed Interbody Fusions. Invited Lecture, Challenges to Spine Surgery Symposium, Cerromar, Puerto Rico, January 10th, 2003

Reiter, MF: Failed Interbody Fusions. Invited Lecture, Challenges to Spine Surgery Symposium, LaJolla, CA, September 13th, 2002

Reiter MF: Thoracolumbar Spinal Trauma. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, August 15th, 2002

Reiter MF: Anatomy and Surgical Approaches of the Spine. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, July 11th 2002

Reiter, MF: Cervical and Lumbar Spine Injuries in the Workers Compensation Patient. Invited Lecture for The Kessler Institute CME Course, April 23rd, 2002

Reiter, MF: Lumbar and Cervical Spinal Stenosis. Grand Rounds Presentation – The Department of Orthopaedic Surgery – Jersey City Hospital, Jersey City, NJ. April 3rd, 2002.

Reiter, MF: Lumbar and Cervical Spinal Stenosis. Invited Lecture for The Kessler Institute CME Course. October 23rd, 2001

Higgins KB, Harten RD Jr, Lin D, Viera, P, Langrana N, Reiter MF: Vertebral Body Augmentation Biomechanics: Optimization & Finite Element Analysis. Proceedings of Advances of Bioengineering 2001, ASME Publication, BED Vol. 50, 2001

Reiter MF: Lumbar and Cervical Stenosis. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, May 31st, 2001

Reiter MF: Pediatric Spinal Disorders. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, May 17th, 2001

Reiter MF: Inflammatory Disorders of the Spine. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, April 26th, 2001

Reiter MF: Gunshot Wounds to the Spine. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, April 19th, 2001

Langrana NA, Harten RD Jr, Lin D, Reiter M, Lee CK: Facet Joint Loading in Thoracolumbar Burst Fractures. Proceedings of the 2000 World Congress on Medical Physics and Biomechanical Engineering, July 2000

Langrana NA, Harten RD Jr, Lin D, Reiter M, Lee CK: Fracture Patterns and Strain Information in Thoracolumbar Burst Fractures. Proceedings of Advances of Bioengineering 2000, ASME Publication, BED Vol. 44, Nov 2000

Reiter, MF: Lumbar and Cervical Spinal Stenosis. Grand Rounds Presentation – The Department of Physical Medicine and Rehabilitation – The New Jersey Medical School. Nov 2000.

Reiter MF: Anatomy and Surgical Approaches of the Spine. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, September 27th, 2000

Reiter MF: Spinal Infections and Tumors. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, August 24th, 2000

Reiter MF: Osteoporosis and Bone Densitometry. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, July 27th, 2000

Reiter MF, Eismont, Tindel N: The effect of surgically implanted metallic bullet fragments on the intervertebral disk using a canine model. Presented to the Cervical Spine Research Society 1996, North American Spine Society 1997, American Spinal Injury Association 1997, and Orthopaedic Trauma Association 1997.

Reiter MF, Whitesides TE, Ugbo, JL, Hutton, W: Biomechanical Evaluation of Sacral Screw Fixation Using Trans-Discal L5/S1 Screws. American Academy of Orthopaedic Surgeons Annual Meeting – Anaheim, CA – February 1999, Kelly Day Presentation at The Emory School of Medicine - March 1998

Reiter, MF: Gunshot Wounds to the Spine. Grand Rounds Presentation – The Kessler Institute – March 1999, New Jersey Medical School Surgical Grand Rounds - April 1999, The University of Miami School of Medicine - April 1997

Reiter, MF: Back Pain in Children. Grand Rounds Presentation – The New Jersey Medical School Department of Pediatrics - July 1999

Reiter, MF: Fundamentals of Spine Surgery. Grand Rounds Presentation – The New Jersey Medical School Department of Physical Medicine and Rehabilitation – July 1999

Reiter MF: Lumbar Disc Disease. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, September 24th 1998

Reiter MF: Lumbar Spinal Stenosis. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, September 17th 1998

Reiter MF: Spinal Infections. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, September 10th, 1998

Reiter MF: Spinal Physiology. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, May 6th, 1999

Reiter MF: Thoracolumbar Spinal Trauma. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, April 8th 1999

Reiter MF: Gunshot Wounds to the Spine. CORE Curriculum Lecture, The New Jersey Medical School Department of Orthopaedic Surgery, April 1st, 1999

Reiter MF, Mnaymneh W: Skeletal Muscle Metastases from Primary Carcinomas: A Series of 12 cases. Journal of the Florida Orthopaedic Society; Winter 1996.

15. GRANTS

Co-principal investigator with J. Patrick O'Connor. "The Role of Inflammation in Bone Healing" from The Orthopaedic Research and Education Foundation (OREF).
Start 7-1-01 to 6-30-03; Total Amount of \$100,000 (\$50,000/year)

Co-Investigator on A Novel Approach to Prevent Peridural Fibrosis. Small Business Innovation Research Program Phase I Grant. 2001. Amount \$119,768.00.

IRB approved study on The Association of High-dose methylprednisolone and Myopathy in Acute Spinal Cord Injury Patients. Kessler Medical Rehabilitation Research and Education Corporation approved for \$5000.00.

16. COMMITTEE AND ADMINISTRATIVE POSITIONS

President of the New Jersey Orthopaedic Society 10/2013- Present

- Vice President of the New Jersey Orthopaedic Society 10/2012- 9/2013
- Secretary of the New Jersey Orthopaedic Society 10/2011- 9/2012
- Treasurer of the New Jersey Orthopaedic Society 10/2010 – 9/2011
- Program Chair of the 2013 New Jersey Orthopaedic Society Spring Meeting
- Program Chair of the 2010 New Jersey Orthopaedic Society Spring Meeting
- Member Board of Councilors of the New Jersey Orthopaedic Society 2008 - Present

Chairman of the North American Spine Society Professional Compliance Panel 4/2014 - Present

- NASS Ethics Committee member 10/2011-Present
- NASS Coverage Task Force Member 10/2012 - Present
- NASS Education Committee member 10/2008-10/2011

Director of the Orthopaedic Surgery Residency CORE Curriculum at The New Jersey Medical School 7/99 – 4/2008

Member of the Executive Committee in The Department of Orthopaedic Surgery at The New Jersey Medical School 1/2001 – 4/2008

University Hospital (Newark, NJ) Performance Improvement Committee member 7/99 – 4/2008

Director of the Department of Orthopaedic Surgery's Performance Improvement program at The New Jersey Medical School 7/99 – 4/2008

Member of The New Jersey Medical School's Department of Orthopaedic Surgery's Resident Education Committee 7/99 – 4/2008

Coordinator of The New Jersey Medical School Departmental of Orthopaedic Surgery's Overlook Practice Site 1/2001 – 4/2008