Michael A. Steingart, D. O. Board Certified Orthopedic Surgeon

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CURRICULUM VITAE

EDUCATION

Fellowship:	Awarded Fellowship from the American Academy of Disability Evaluating Physicians.
Fellowship:	Awarded Fellowship from the American Academy of Minimally Invasive Spinal Medicine and Surgery.
Fellowship:	University of Arizona, Tucson, Arizona Orthopedic Sports Medicine Fellowship Director: Edward Percy, M.D.
Residency:	Garden City Hospital, Garden City, Michigan Orthopedic Surgery, August 1983 to August 1987 Director: Norville Schock, Ph.D.
Internship:	Garden City Hospital, Garden City, Michigan Internal Medicine, Rheumatology, General Surgery, OB/GYN & Pediatrics August 1982 to August 1983
Medical School:	North Texas State University, Texas College of Osteopathic Medicine Forth Worth, Texas, Doctor of Osteopathy, 1982
University:	Arizona State University, Tempe, Arizona Bachelor of Science, Microbiology Major, 1978

BOARD CERTIFICATION

Orthopedic Surgery: American Osteopathic Board of Orthopedic Surgery Effective: 9/26/91

MEDICAL LEGAL EXPERIENCE

Independent Medical Exams Case Reviews Depositions Expert Witness Performs Medical Legal work for Plaintiff and Defense

HOSPITAL AFFILIATIONS

Paradise Valley Hospital Scottsdale Memorial North Hospital John C. Lincoln Hospital

PROFESSIONAL ASSOCIATIONS

American Academy of Minimally Invasive Spinal Medicine and Surgery American Osteopathic Academy of Orthopedics Arizona Osteopathic Association Maricopa County Orthopedic Surgeons Society American Medical Association American Osteopathic Association American Academy of Disability Evaluating Physicians American College of Sports Medicine North American Spinal Society

SPORTS AFFILIATIONS

Phoenix Roadrunners, professional hockey team, 1992 – 1993 Trainer's Assistant, Phoenix Suns, National Basketball Association, 1969 – 1974

TEACHING APPOINTMENTS

Midwestern University as Associate Professor, Clinical off site, 1997 - present A.T. Still University School of Osteopathic Medicine Arizona, Adjunct Professor, 2009 - present Kirksville College of Osteopathic Medicine, 1997 - present

Clinical Professor Orthopedic Surgery Midwestern University Community Hospital, Phoenix, Arizona Podiatry Resident Teaching Program, 1992 -1999 Baptist Hospital Family Practice Program, Phoenix Arizona Orthopedic trainer, 1995 - 2001 Western College of Osteopathic Medicine, Pomona, California Clinical Assistant Professor of Orthopedic Surgery Good Samaritan Hospital Family Practice Orthopedic trainer, 1995 - 1996 Israel Spinal Meeting: Endoscopic Lumbar Discetomy Indications, Israel, 2006

ADDITIONAL TRAINING

Training American Academy of Disability Examiners (AADEP) Certification – Endoscopic Laser Spine Surgery Board Certification, Orthopedic Surgery, 1991 Certification, Basic Course in A-O, Phoenix, Arizona, 1989 FLEX (Federal Licensing Examination and Medical Jurisprudence) National Boards – Parts I, II, III

PUBLISHED BOOKS

HOW TO SURVIVE YOUR CLINICAL ROTATIONS, 1997

PUBLICATIONS

- My First 100 Cases of Endoscopic Lumbar Discectomy: *Journal of Minimally Invasive Spinal Technique*.
- "Osteopathic Principles in Spinal Medicine" in *The Practice of Minimally Invasive Spinal Technique*. First Edition, CSS, 85-97.
- "Finding a Good Rotation," Student Doctor, Summer 1999/Vol.20 No.3
- "Anterior Approach To The Shoulder From The Lateral Position," Journal of Orthopedics, 1996
- "The Ball and Socket Ankle," Foot and Ankle Journal International, April 1995
- "Compartment Syndrome In The Thigh," Sports Medicine, Vol. 21, #3, March 1993
- "Adolescent Knee Injuries: A Long Term Follow-Up," Journal of the American Osteopathic Association Journal, December 1987
- "CT Scanning and Myelography In The Low Back Patient," *Journal of the American Osteopathic* Orthopedics Journal, Vol. IV, #1, 1986
- "Anterior Hip Pain Diagnosis and Treatment," Journal of American Osteopathic Association, January 1997
- "Letters to the Editor", Physician and Sports Medicine, January 1978
- "Letter to the Editor, In Defense of Osteopathic Treatment" *Journal of the American Osteopathic Association*, August 1997
- "Anterior Cruciate Ligament Reconstruction <u>Tips of The Trade</u>", North American Academy of Arthroscopic Surgery, 1997
- "Low Back Pain: What are the Patients' Choices", Abrazo Health Forum, Summer 2007

"Pearls" Arthroscopy Association of North America. Fall 2008

LECTURES

Laser Spine Surgery and Back Pain, Paradise Valley Hospital, 2010 Back Problems and the General Public, Westin Hotel, 2010 Lumbar Spine and your Job: Paradise Valley School District, 2009 Endoscopic Laser Back Surgery Minimally Invasive Surgery, Orthopedic Spine Osteopathic Association, 2009 Paradise Valley Hospital, Common Post-Op Complications", 2009 American Academy of Orthopedic Surgery: Endoscopic Lumbar Discectomy Five Year Outcomes, April 2008 American Academy of Orthopedic Surgery: Endoscopic Lumbar Discectomy Case Presentations, April 2008 Johns Hopkins Spring Orthopedic Spinal Meeting: Endoscopic Lumbar Discectomy Indications, May 2008 Low Back Pain and Surgical Treatment. To Osteopathic Orthopedic general session, 2007 Things You Should Know About Back Pain. Arizona Osteopathic Association. April 2003 Presentation: Pain Control pre-post-operative for Scottsdale Health System Sponsored Pfizer. December 2003 Osteoporosis – Internet and other outcomes. Ask The Expert. September, 2003 You Can Take Control of your Arthritis, Ask The Expert, Scottsdale Memorial Hospital, January 2003. Low Back Pain, Ask The Expert. March 2002 Review of my First 50 Cases of Minimally Invasive Spinal Surgery; 1st World Congress of Minimally Invasive Spinal Medicine, December 2000 Osteopathic Principles with Spinal Surgery: 1st World Congress Minimally Invasive Spinal Med. December 2000 Splinting and Casting indications: Midwestern University, November 2000 Kirksville College of Osteopathic Medicine- Young Doctors and Training, September 2000 Lincoln Hospital: Minimally Invasive Spinal Surgery-The Wave of the Future, September 2000 X-Ray Conference and Splinting Seminar for Midwestern University, November 1999 Low Back Problems – Midwestern University Consortium, August 1999 Midwestern Casting and Splinting Seminar, Sponsored by Johnson & Johnson, December 1998 Mesa General, Midwestern Student Lecture on Fractures & How To Read X-Rays, December 1998 Midwestern University, Approach To The Patient With Low Back Pain & Radicular Pain Midwestern University, Management of Elderly Patients with Hip Fractures, 1998 Midwestern University, Dealing With Medical Futility, 1998 Sports Physical Therapy Section, APTA, Surgery Treatment of the ACL, Anterior Cruciate Ligament, March 1998 Phoenix Baptist Hospital: Fracture Care and Treatment To Residents, June 1997 Midwestern University Medial School: Splinting and Casting to Emergency Room Club, 1997 Phoenix Baptist Hospital Consortium Lectures To Family Practice Residents, Orthopedic Students, and the Family Practitioner, February 1997 Mesa General Hospital: Splinting and Casting with Residents, J/J Sponsor, February 1997

Midwestern University Medical School: Functional Anatomy Guest Speaker for the Anatomy

Department, February 1997

- Mesa General Hospital, Phoenix Memorial, Community Hospital, St. Luke's Hospital and Phoenix General Hospital: Consortium for Hospital Residency Programs, March 1997
- Arizona Chapter of Orthopedic Surgeons, Diagnostic Imaging of Knees and Shoulders with Sonography, October 1996
- American Osteopathic Association Rheumatology Division: Splinting and Casting seminar, 1998
- John C. Lincoln Hospital and Lincoln's Medical Staff: Management of Low Back Disorders Surgical and Surgical Treatments, February 1996
- Arizona Interscholastic Association, Enhancing Girls' High School Athletic Programs, March 1996
- California Osteopathic Association, Orthopedics for the Family Practitioner, 1995
- Arizona Osteopathic Association, Orthopedics for the Family Practitioner, April 1995
- Arizona Chapter of Orthopedic surgeons, The Shoulder Abduction Immobilizer, Operative and Non Operative Use, October 1994
- First Annual Coaches Seminar, Orthopedic Injuries in Female Athlete, October 1994
- American Osteopathic Association, Rheumatology Division, Casting and Splinting, October 1994
- Ask The Healthcare Expert, Bone Health 2003
- California Osteopathic Association, Casting and Splinting, October 1994
- Maricopa County Sports Authority, Sports Injuries to the Athlete, June 1994
- Arizona Academy of Family Physicians, Casting and Splinting, February 1994
- American Academy of Orthopedic Surgeons, Overuse Injuries to the Lower Extremity
- Community Hospital: Weekly Friday Lectures, Phoenix, Arizona Interns, Residents, Physician

Assistants, and Therapists at Steingard Orthopedics and Sports Medicine, Phoenix Arizona 1994 – 1996

- Arizona Heart Institute, A Birds Eye View of Arthroscopy, December 1993
- American Osteopathic Association, Rheumatology Division, Splinting and Casting Seminar October 1993
- Community Hospital: Foot and Ankle Series Lectures, 1994
- Arizona Industrial Safety Conference, Common Injuries in the Workplace, 1992 and 1993 Arizona Heart Institute, Orthopedic Perspective to Injuries, 1992, 1993
- Arizona Osteopathic Association, Overuse Injuries, Common In Office Rehabilitation, 1992
- Arizona Podiatry Association, Ankle Arthroscopy-Indication and Technique, 1992
- Sporty Seminar, Heat Injuries How to Prevent Heat Stroke in Arizona Athletes, 1991
- American Academy of Osteopathic Orthopedic Surgeons Annual (Arthroscopic) Meeting, Intraoperative Muscle Stimulation for Maltracking, 1990
- Rehab Specialists, Knee Injury and Treatment for the Industrial Athlete, 1990
- Community Hospital, Podiatry Residency, The Biomechanics of Fractured Ankles, 1988
- University of Arizona, Ball and Socket Ankle, 1988
- American Academy of Orthopedic Surgery, Adolescent Knee Injuries:
 - A Long term Follow-Up, 1987
- Garden City Hospital: Orthopedic Surgery Staff, Slide presentations:
 - Controversial Case Presentation, April 1987
 - Controversial Case Presentation, March 1987
 - Galiazzi Fractures, February 1987
- Garden City Hospital: Intern Lecture Series, Garden City, Michigan: Lectures given on

Grand Rounds every Wednesday
How to Read an X-Ray, August 1 to October 31, 1984
Radiology of Fractures, December 1, 1984 to February 28, 1985
Grand Rounds – Orthopedic Surgery, November 1986 to July 1987
American Academy of Orthopedic Surgery, Las Vegas, NV, CAT Scanning Compared to
Myelography, 1986
Michigan Osteopathic Orthopedic Surgeons Association, Detroit, MA, CAT Scanning Compared
Myelography, 1986
Michael Reese Hospital, Orthopedic Staff and Surgeons Conference, Chicago, IL, Interesting
Cases at Garden City Hospital, 1986
American Academy of Osteopathic Orthopedics, Annual Convention, Dearborn, MA, open
Tibial Fractures, Diagnosis and Treatment, 1985
Venoy Convalescent Nursing Home, Staff Meeting, Westland, MA, Hip Fractures, Pre-Treatment
And Post-Treatment, 1985
Garden City Hospital: Monthly Staff Meetings; Michigan, Slide Presentations:
Deep Venous Thrombosis, 1985, Osteoporosis, Pathological Fractures, 1985,
Pelvic Fractures, Treatment & Emergency Room Protocol for Trauma, 1984
Adenocarcinoma, Metastasis to the Tibia, Case Review, 1983
Michigan Osteopathic Orthopedics Conference, Detroit, Ma, Supracondylar Fractures,
Open Fixation, 1984
Polytechnical High School, Ft. Worth, TX: Slide Presentation to students:
The Detection & Cure for Venereal Disease, March 1982

OTHER ACCOMPLISHMENTS

1st World Congress Minimally Invasive Spinal Surgeons, Faculty/Teacher: Dec. 2000
Senior Resident, Orthopedic Surgery, 1986 – 1987
Director, Orthopedic Educational Program, 1986 – 1987
Mead-Johnson Grant for study on "A Five to Fifteen Year Follow-Up on Adolescent Knee Injuries"
Wayne State University, anatomy course, completed January to May 1984
Fellowship, Institute of Human Fitness; Fort Worth, TX, 1980 – 1982

PRODUCT DEVELOPMENT

Shoulder/Arm Abductor Splint Immobilizer, patent 1994 Crutch Pack, patent 1994 Foot Roller (Medical Advisor), Sunbelt Products, 1993

CONSULTANT

JOSPT – The Journal of Orthopedic & Sports Physical Therapy (Reviewer of articles) Arizona Osteopathic Association, Board of Examiners (Orthopedic Consultant)

COMMUNITY SERVICE

Shriner's Hospital for Pediatrics
Phoenix Union High School District Orthopedic Surgeon, 1992 – 1996
American Academy of Pediatrics, Arizona Chapter
McDonald's Gymnastic International Competition, 1988
Team physician, Garden City High School (West) Garden City, Michigan, 1982 – 1983
Team physician, Independence High School, 1988 to 1996
Rock n Docs – 1997 – 1998 Band to assist sick children to heal
Ronald McDonald house volunteer

ELECTRONIC MEDIA INTERVIEWS

National Public Radio – Children in medicine KPNX TV 12, (NBC) Women's Sports Injuries in High School KTVK TV3, KSAZ TV 10, (FOX), TV for children's charities, 1997 – 1998 KTVK TV3, News program, "Women's Sports Injuries", 1998 Dr. Bob Arnet Radio Show, interviewed re" The safety of the new protein diets, 1998 Republic & Gazette health article, "High protein diet fashionable again" 1998 Republic Newspaper – Physical therapy for preventive medicine, Aug 1999 The Phoenix Jewish News, re: book, <u>"HOW TO SURVIVE YOUR CLINCAL ROATIONS</u> Your Second 50 Years Radio Show 2002

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