

CURRICULUM VITAE

NAME: George S. Miz, M.D.

DATE OF BIRTH: December 8, 1955 - Chicago, Illinois

PERSONAL: Married - Maureen McDonough
Children - Andrea Erin - 11/23/83
Alec - 11/18/85

COLLEGE EDUCATION: Loyola University of Chicago
Chicago, Illinois 1972-1976
B.S. 1976

MEDICAL EDUCATION: Stritch School of Medicine
Loyola University, Maywood, IL 1976-1979
M.D. 1979

POSTGRADUATE EDUCATION: Loyola University Affiliated Hospitals
Internship 1979-1980

Southern Illinois University and Affiliated Hospitals,
Springfield, IL
Orthopaedic Residency 1980-1983

Southern Illinois University and Affiliated Hospitals
Springfield, IL
Chief Resident - Orthopaedic Surgery 1983-1984

New York University and Bellevue Hospital
Fellow in Scoliosis and Spinal Surgery -
1984-1985

ACADEMIC HONORS: Alpha Omega Alpha (Stritch-Loyola) 1979
Cum Laude (Stritch-Loyola) 1979

BOARD CERTIFICATION: National Boards - 1980
National Board of Orthopaedic Surgeons - 1987
Recertified – 1996, 2006 and 2016

HOSPITAL AFFILIATIONS: University of Chicago Medicine Ingalls Memorial Hospital
Harvey, Illinois

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LICENSURE: Illinois - 1981
California - 1982
Indiana - 1988

PROFESSIONAL ORGANIZATIONS:

American College of Surgeons - Committee on Applicants – 2000 to 2006

American Academy of Orthopaedic Surgeons

Ukrainian Medical Association of North America

North American Spine Society

1) Task Force on Training Guidelines for New Technologies

2) Continuing Medical Education Committee

a) Member - 2004 to 2008

b) Chairman - 2005 to 2008

3) Program Committee for National Meetings - 2006 to 2008

4) International Education Committee

a) Chairman – 2009 to 2012

b) Member – 2012 - 2015

5) Section on Motion Technology

a) Member – 2009 to 2012

6) Abstract Reviewer for Annual Meeting 2006-2012 and 2016

American College of Forensic Examiners

1) Certified American Board of Forensic Examiners (Spine) – 1997

2) Certified Forensic Consultant - 2013

Scoliosis Research Society

International Society for Advancement of Spinal Surgery (ISASS)

1) Continuing Medical Education Committee

a) Member – 2010 to present

EXHIBITS:

Munson, G.O., Breedlove, P.E., Stauffer, E.S., Gaines, R.W., Miz, G.S.:

Experimental and Clinical Evaluation of Thoracolumbar Fractures with Harrington Rods Supplemented with Sublaminar Wires, American Academy of Orthopaedic Surgeons, Anaheim, California - March 1983

Miz, G.S., Engler, G.L.: Congenital Spondylolisthesis with Paraplegia, Scoliosis Research Society and European Spinal Deformity Society, Amsterdam, Netherlands September 1989

VIDEOTAPE:

Munson, G.O., Miz, G.S., Stauffer, E.S.: Internal Fixation of Unstable Thoracolumbar Fractures - A Laboratory Comparison.

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PRESENTATIONS:

Miz, G.S.: Treatment of the Charcot Tarsus in the Diabetic, American Orthopaedic Association National Residents Conference, Memphis, Tennessee - May 1983

Miz, G.S.: Treatment of the Charcot Tarsus in the Diabetic, American Orthopaedic Foot and Ankle Society, Atlanta, Georgia - February 1984

Miz, G.S.: Treatment of the Charcot Tarsus in the Diabetic, Mid-America Orthopaedic Association, Bermuda - April 1984

Miz, G.S.: Laboratory Comparison of Methods of Internal Fixation of Unstable Thoracolumbar Spine Fractures, American Orthopaedic Association National Residents Conference, Ann Arbor, Michigan - May 1984

Miz, G.S.: Isthmic Spondylolisthesis - Remodeling after Fusion, Scoliosis Research Society, San Diego, California - September 1985

Miz, G.S.: Pedicle Screw Fixation of the Lumbar Spine, World Congress of Ukrainian Medical Society, Vienna, Austria - July 1988

Miz, G.S.: Laparoscopic Anterior Lumbar Interbody Fusion, World Congress of Ukrainian Medical Society, Lviv, Ukraine - August 2000

Miz, G.S.: Innovations in Cage Technique - Restoration of Lordosis and Enplate Preservation, Course Faculty, Kansas City, MO - January 2001

Miz, G.S.: State of the Art in Spine Surgery 2001, Course Faculty, Whistler, British Columbia, Canada - March 2001

Miz, G.S.: State of the Art in Spine Surgery 2002, Course Faculty, Whistler, British Columbia, Canada - March 2002

Miz, G.S.: Spine Surgery and Practice, Course Faculty, Snowbird, Utah - March 2003

Miz, G.S.: FlexiCore7 Intervertebral Disc Principle Investigator Training, Course Faculty, Amsterdam, The Netherlands - December 2003

Miz, G.S.: 16th Annual Contemporary Update on Disorders of the Spine, Course Faculty, Whistler, British Columbia, Canada - January 2004

Miz, G.S.: FlexiCore7 Intervertebral Disc Arthroplasty - Tutorial, University of Leuven, Leuven, Belgium - November 2004

Miz, G.S.: 17th Annual Contemporary Update on Disorders of the Spine, Course Faculty, Whistler, British Columbia, Canada - January 2005

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PRESENTATIONS (Continued):

Miz, G.S.: Approaching the Spine - Experience with a Motion Preservation Implant, Course Faculty, Steamboat Springs, CO - February 2005

Miz, G.S.: FlexiCore7 Intervertebral Disc Arthroplasty - Tutorial, Stockholm Spine Center, Löwenströmska Sjukhuset, Stockholm, Sweden - March 2005

Miz, G.S.: Non-Fusion Live Surgery Meeting - Instructional Live Surgery Via Satellite, Course Faculty, New York University, School of Medicine, New York, NY - May 2005

Miz, G.S.: The Sixth Annual Spinal Horizons Symposium, Course Faculty, Center for Neuroscience, Orthopaedics & Spine, Chamberlain, South Dakota - November 2005

Miz, G.S.: 18th Annual Contemporary Update on Disorders of the Spine, Course Faculty, Whistler, British Columbia, Canada - January 2006

Miz, G.S., Theofilos, C.: FlexiCore7 Disc Arthroplasty - One to Two Year Follow-up, Spinal Arthroplasty Society Annual Meeting, Montreal, British Columbia, Canada - May 2006

Miz, G.S.: FlexiCore7 Disc Arthroplasty Tutorial, Universitätsklinikum des Saarlandes, Homburg, Germany; Hopital Antoine Beclere, Clamart (Paris), France; Hopital Civils de Colmar, Colmar, France - June 2006

Miz, G.S.: Treatment of Surgical Site Infections, 19th Annual Contemporary Updated on Disorders of the Spine, Whistler, British Columbia, Canada - January 2007

Miz, G.S.: Total Disc Arthroplasty - Where's the Evidence, Kostuik Research Society Annual Meeting, Phoenix, AZ - February 2007

Miz, G.S.: FlexiCore7 Intervertebral Disc - Design Rationale and Two Year Clinical Results, 75th Annual Meeting of the American Association of Neurological Surgeons, Washington, D.C. - April 2007

Miz, G.S., Theophilos, C.: Metal-on-Metal Disc Arthroplasty - Two Year Minimum Follow-up, Spinal Arthroplasty Society Annual Meeting, Berlin, Germany - May 2007

Miz, G.S.: Metal Ion Levels in Patients with Metal-on-Metal Total Disc Replacement, Spinal Arthroplasty Society Annual Meeting, Berlin, Germany - May 2007

Salahi, D., Zuckerman, J., Miz, G.S.: FlexiCore7 Two-Level Study, Spinal Arthroplasty Society Annual Meeting, Berlin, Germany - May 2007

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PRESENTATIONS (Continued):

Theofilos, C., Miz, G.S., Sasso, R., Hahn, M.: Segmental Motion At and Adjacent to a One-Level FlexiCore7 and Fusion, Spinal Arthroplasty Society Annual Meeting, Berlin, Germany - May 2007

Miz, G.S.: FlexiCore7 Disc Replacement Lecture, North American Spine Society's Motion Stabilization Hands-On Course, Maywood, IL - May 2007

Theofilos, C., Miz, G.S., Sasso, R., Hahn, M.: Segmental Motion At and Adjacent to a One-Level FlexiCore7 and Fusion, World Spine IV: The Fourth Interdisciplinary Congress on Spine Care, Istanbul, Turkey - July 2007

Miz, G.S.: Serum Metal Ion Levels in Patients with Metal-on-Metal Total Disc Replacement, Eurospine 2007 Annual Meeting, Brussels, Belgium – October 2007

Miz, G.S., Theofilos, C.: Metal-on-Metal Lumbar Disc Arthroplasty – Two Year Minimum Follow-up, Eurospine 2007 Annual Meeting, Brussels, Belgium – October 2007

Miz, G.S., Theofilos, C., Sasso, R.C., Hahn, M.: FlexiCore® Lumbar Disc Arthroplasty – Four Site Data, North American Spine Society 22nd Annual Meeting, Austin, TX – October 2007

Miz, G.S.: Lumbar Total Disc Replacement in the Treatment of Degenerative Disc Disease, 20th Annual Disorders of the Spine, Whistler, British Columbia, Canada – January 2008

Miz, G.S.: Lumbar Artificial Disc Replacement and Treatment of Degenerative Disc Disease, 2nd Annual Stryker Spine Surgeon Workshop, Grand Targhee, WY – February 2008

Gordon, D., Cammisa, F., Nunley, P., Strauss, K., Cunningham, B., Miz, G.S.: In vitro Biomechanical Analysis of the Spine Using Pedicle Screws and Rods: Ti-6Al-4V vs. NiTi (Nitinol), Spine Arthroplasty Society 8, Miami Beach, FL – May 2008

Miz, G.S., Tepper, G., Wolf, S., Zucherman, J.: FlexiCore® Disc Replacement vs. Fusion for Lumbar Degenerative Disc Disease: Cost-Related Outcomes at Four Study Sites in a Prospective, Randomized, Multicenter Trial, Spine Arthroplasty Society 8, Miami Beach, FL – May 2008

Errico, T., Tibbs, R., Sasso, R., Miz, G.S., Theofilos, C., Quirno, M.: Prospective, Randomized Trial of Lumbar Metal on Metal Total Disc Replacement: Initial Treatment of Degenerative Disc Disease, Spine Arthroplasty Society 8, Miami Beach, FL – May 2008

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PRESENTATIONS (Continued):

Errico, T., Miz, G.S., Sasso, R., Zucherman, J.: Disc Replacement vs. Fusion for Lumbar Degenerative Disc Disease: State-of-the-Research and Overall Treatment Success Results, Spine Arthroplasty Society 8, Miami Beach, FL – May 2008

Theofilos, C., Miz, G.S., Zucherman, J., Sasso, R.: FlexiCore® Disc Replacement vs. Fusion for Lumbar Degenerative Disc Disease: Main Outcomes from a Prospective Randomized Controlled Trial, Spineweek 2008, Geneva, Switzerland – May 2008

Miz, G.S., Tibbs, R., Sasso, R., Theofilos, C., Quirno, M., Errico, T.: Prospective, Randomized Trial of Lumbar Metal on Metal Total Disc Replacement: Initial Treatment of Degenerative Disc Disease, Spineweek 2008, Geneva, Switzerland – May 2008

Miz, G.S.: Improving Surgical Outcomes with Post-Operative Rehabilitation, Symposium Chairman – October 2008

Miz, G.S.: ProDisc-L Surgeon Training Forum, Faculty, Chicago, IL – March 2009

Donald, G.D., Miz, G.S., Theofilos, C., Gornet, M.: In vitro Spine Biomechanical Comparison between Ti-6Al-4V and Nitinol (NiTi) Rod Constructs, Spine Arthroplasty Society 9, London, England – April 2009

Donald, G.D., Miz, G.S., Theofilos, C., Gornet, M., Strauss, K.: Percutaneous Dynamic Stabilization featuring SERENGETI MI and POTOMAC Rod, Spinal Arthroplasty Society 9, London, England – April 2009

Stieber, J.R., Errico, T.J., Bauer, T.W., Whitaker, C., Miz, G.S., Sasso, R.: Blood Metal Ion Levels Following Implantation of the All-Metal FlexiCore® Lumbar Intervertebral Disc Replacement, The 16th International Meeting on Advanced Spine Techniques, Vienna, Austria – July 2009

Miz, G.S.: Evaluation Results: ProDisc-L Surgeon Forum, Faculty, Chicago, IL – July 2009

Miz, G.S.: ProDisc-L Surgeon Training Forum, Faculty, Dallas, TX – September 2009

Miz, G.S.: ProDisc-L Surgeon Training Forum, Faculty, San Francisco, CA – January 2010

Stieber, J.R., Errico, T.J., Bauer, T.W., Whitaker, C., Miz, G.S., Sasso, R.: Blood Metal Ion Levels Following Implantation of the All-Metal FlexiCore® Lumbar Intervertebral Disc Replacement, 24-36 Month Follow-up, Spine Arthroplasty Society 10, New Orleans, LA – April 2010

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PRESENTATIONS (Continued):

Miz, G.S., Sasso, R., Hahn, M., Hissey, M.: Total Disc Replacement vs. Fusion: Clinical Outcomes with Work Status and Pain Medication Usage at Three Years Post-Surgery, EuroSpine 2010 Annual Meeting, Vienna, Austria – September 2010

Miz, G.S.: Changing the Landscape of Spine Care in the U.S., AOSpine Global Spine Congress 2011, Symposium Chairman, Barcelona, Spain – March 2011

Miz, G.S.: Lumbar Total Disc Arthroplasty – Science, Regulation and Reimbursement, AOSpine Global Spine Congress 2011, Faculty, Barcelona, Spain– March 2011

Miz, G.S.: ProDisc-L Surgeon Training Forum, Faculty, Chicago, IL – April 2011

Miz, G.S.: Motion Preservation Technology: Clinical, Scientific and Economic Challenges – Case Study Presentations, Faculty, NASS 2011 Annual Meeting, Chicago, IL – November 2011

Miz, G.S.: Trends in Minimally Invasive Spine Surgery, Visiting Professor, Grand Rapids Orthopaedic Residency Program of Michigan State University School of Medicine - Grand Rapids, MI – January 2014

Miz, G.S.: Evidence Based Management of Adjacent Segment Degeneration in the Lumbar Spine - Selby Spine Conference - Park City, UT – January 2014

RESEARCH:

Miz, G.S., Chambers, R.W.: Treatment of the Charcot Tarsus in the Diabetic.

Miz, G.S., Stauffer, E.S.: Internal Fixation of Thoracolumbar Spine Fractures - A Laboratory Comparison.

Miz, G.S., Engler, G.L.: "Isthmic Spondylolisthesis - Remodeling After Fusion"

Miz, G.S. - Clinical Investigator for V.S.P. System in Spinal Fusions - 1986

Miz, G.S. - Clinical Investigator for Tapered Interbody Fusion Device Study - 1998

Miz, G.S. - Clinical Investigator for rhBMP-2/ACS/LT-Laparoscopic Study - 1999

Miz, G.S. - Clinical Investigator for FlexiCore7 Intervertebral Disc Clinical Trial - 2003 – 2011

Miz, G.S. – Clinical Investigator for NUBAC® Disc Arthroplasty Clinical Trial – 2010 - present

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PUBLICATIONS:

Miz, G.S., Engler, G.L.: "Atlanto-Axial Subluxation in Larsen's Syndrome", Spine, Volume 12, Number 4, 11/1987

Miz, G.S., Engler, G.L.: "Unilateral Dislocation of a Lumbosacral Facet", Spine, Volume 18, Number 956, 8/1988

Miz, G.S.: "Instability and Biomechanics of Cervical Spine Fixation" in "Spinal Trauma - A Comprehensive Text" - J.B. Lipincott, 1991

Miz, G.S.: "Cervical Spine Injuries" in "Spinal Cord Diseases - Diagnosis and Treatment" - Marcel Dekker, Inc., 1998

Miz, G.S., Siambanes, D.: "Treatment of Symptomatic Anterior Cervical Nonunion Using the Rogers Interspinous Wiring Technique", American Journal of Orthopedics, Volume XXVII, Number 12, 12/98

Valdevit, M.S., Miz, G.S.: "Laboratory Evaluation of FlexiCore® Safety Design Features - Focus on Performance" – Submitted to Spine

Stieber, J.R., Errico, T.J., Bauer, T.W., Whitaker, C., Miz., G.S., Sasso, R.: "Blood Metal Ion Levels Following Implantation of the All-Metal FlexiCore® Lumbar Intervertebral Disc Replacement" – Submitted to Spine

1. **Indications for Total Knee Replacement, Orthopaedic Grand Rounds, Memorial Medical Center, Springfield, September 1980**
2. **Prophylactic Antibiotics in Orthopaedic Surgery, Orthopaedic Grand Rounds, Memorial Medical Center, Springfield, November 1980**
3. **Slipped Capital Femoral Epiphysis, Orthopaedic Grand Rounds, St. John's Hospital, Springfield, January 1981**
4. **Pathologic Femur Fractures, Surgery Grand Rounds, Memorial Medical Center, Springfield, March 1981**
5. **Hand and Finger Fractures, In-service to Emergency Room Staff, St. John's Hospital, Springfield, April 1981**
6. **Osteitis Pubis, Orthopaedic Grand Rounds, St. John's Hospital Springfield, May 1981**
7. **Pelvic Fractures, Surgery Grand Rounds, St. John's Hospital, Springfield, July 1981**
8. **Synovial Chondromatosis, Orthopaedic Grand Rounds, St. John's Hospital, Springfield, September 1981**
9. **Biomechanics of Internal Fixation, Orthopaedic Basic Science Conferences, Memorial Medical Center, Springfield, November 1981**
10. **Complications of Colles' Fractures, Orthopaedic Grand Rounds, St. John's Hospital, Springfield, January 1982**
11. **Fractures of the Proximal Humerus, Orthopaedic Grand Rounds, Memorial Medical Center, Springfield, March 1982**
12. **Ankylosing Spondylitis, Orthopaedic Grand Rounds, Memorial Medical Center, Springfield, May 1982**
13. **Treatment of the Charcot Tarsus in the Diabetic, Grand Rounds, Rancho Los Amigos Hospital, Downey, California, December 1982**
14. **Nerve Grafting, Orthopaedic Basic Science Conference, Memorial Medical Center, Springfield, February 1983**
15. **Treatment of the Charcot Tarsus in the Diabetic, Orthopaedic Grand Rounds, Memorial Medical Center, Springfield, January 1983**
16. **Management of the Diabetic Dysvascular Lower Extremity, Surgery Grand Rounds, Memorial Medical Center, Springfield, April 1983**

- 17. Snow Skiing, Ice Hockey, Wrestling and Weight Lifting Injuries, Southern Illinois University Sports Medicine Seminar, Springfield, September 1983**
- 18. Cervical Disc Disease, Orthopaedic Grand Rounds, Memorial Medical Center, Springfield, October 1983**
- 19. Biomechanics of Total Hip Replacement, Orthopaedic Grand Rounds, Memorial Medical Center, Springfield, February 1984**
- 20. Skin Grafting, Orthopaedic Basic Science Conference, Memorial Medical Center, Springfield, May 1984**
- 21. Internal Fixation of Thoracolumbar Spine Fractures - A Laboratory Comparison, Orthopaedic Grand Rounds, Memorial Medical Center, Springfield, June 1984**
- 22. Internal Fixation of Thoracolumbar Spine Fractures - A Laboratory Comparison, Orthopaedic Grand Rounds, New York University Medical Center, New York, May 1985**
- 23. Thoracolumbar Spine Fractures, Surgery Grand Rounds, Little Company of Mary Hospital, Evergreen Park, January 1986**
- 24. Common Bicycling Injuries, Bicycling Seminar, Palos Community Hospital, Palos Heights, April 1986**
- 25. Injuries to the Cervical Spine, Surgery Grand Rounds, Little Company of Mary Hospital, Evergreen Park, April 1988**
- 26. Pedicle Screw Fixation of the Lumbar Spine, World Congress of Ukrainian Medical Society, Vienna, Austria, July 1988**
- 27. Sports Injuries to the Spine, Sports Medicine Symposium, Little Company of Mary Hospital, Evergreen Park, May 1990**
- 28. Metastatic Disease of the Spine, Surgery Grand Rounds, Little Company of Mary Hospital, Evergreen Park, February 1991**
- 29. Critical Care Course for Spinal Surgeries Post-Operatively, Little Company of Mary Hospital, Evergreen Park, October 1996**
- 30. Kyphoplasty for Vertebral Compression Fractures, Department of Family Practice, Little Company of Mary Hospital, Evergreen Park, January 2001**
- 31. Kyphoplasty for Vertebral Compression Fractures, Medical Staff, Ingalls Memorial Hospital, Harvey, May 2002**
- 32. Use of Bone Morphogenetic Protein in Spine Surgery and Artificial Disc Replacement, Medical Staff, Ingalls Memorial Hospital, Harvey, March 2003**