

Curriculum Vitae

Marion Reynolds McMillan III, MD

DATE OF BIRTH: 16 March 1955

PLACE OF BIRTH: Atlanta, Georgia

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Seneca, SC 29678

TELEPHONE NUMBER: Office: (864) 886-9888
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EDUCATION: B.S., Biology, Yale University, 1976
M.D., Tufts University, 1980

INTERNSHIP: July 1980 - June 1981
Internal Medicine
Naval Hospital
Bethesda, MD 20814

July 1981 - June 1982
Training and Certification as
Aviation Medical Officer
Naval Aerospace Medical Institute
Pensacola, FL

Duty as Aviation Medical
Officer and General Medical Officer
Naval Hospital, Philadelphia, PA
Branch Clinic, Lakehurst, NJ

RESIDENCY: July 1982 - June 1985
Internal Medicine
Naval Hospital
Bethesda, MD 20814

RESIDENCY (cont.): July 1988 - January 1991
Anesthesiology
Hospital of the University of Pennsylvania
Philadelphia, PA 19104

FELLOWSHIP: January 1991 - December 1991
Pain Management
Hospital of the University of Pennsylvania
Philadelphia, PA 19104

ACADEMIC APPOINTMENT: February 1983 - June 1985
Teaching Fellow In Medicine
Uniformed Services University
of the Health Sciences
Bethesda, MD 20814

October 2007 – June 2010
Clinical Course Instructor
Endoscopic Spinal Surgery
JOIMAX, Inc.
275 East Hacienda Avenue
Campbell, CA 95008

BOARD CERTIFICATION: Diplomate, American Board Of Internal
Medicine, September 1984

Diplomate, American Board
of Anesthesiology, April 1992

RESEARCH EXPERIENCE: November 1984 - June 1985
Research Elective In Critical Care
Medicine: Alpha adrenergic receptor
pharmacology in a rat model of
chronic sepsis. Mechanisms of pharmacomechanical
coupling in vascular tissue; potential role of receptor
mediated polyphosphoinositide turnover.

Naval Medical Research Institute
Bethesda, MD 20814

PROFESSIONAL
EXPERIENCE:

July 1985 - November 1985
Staff Physician, Internal Medicine
Naval Hospital, Beaufort, SC

December 1985 - June 1987
Chairman, Internal Medicine
Naval Hospital, Beaufort, SC

July 1987 - June 1988
Staff Internist and Chief Medical Officer
Primedical Corporation
1800 Century Blvd., Suite 1000
Atlanta, GA 30345

January 1992 - December 2005
Departments of Anesthesiology and Internal Medicine
Oconee Memorial Hospital
Seneca, SC 29678

October 2000 - present
Staff physician
Synergy Physician Group
Spinal Medicine and Endoscopic Spinal Surgery
457 U.S. Highway 123
Seneca, SC 29678
Internet: www.synergyspinecenter.com

March 2001 - present
Departments of Anesthesiology and Pain
Management
Palmetto Baptist Medical Center
Easley, SC 29672

August 2002 - present
Director of Spinal Medicine and Endoscopic Spinal
Surgery
Synergy Spine Center
457 U.S. Highway 123, suite 4
Seneca, SC 29678

PROFESSIONAL

EXPERIENCE (cont.):

February 2007 – June 2014
Departments of Pain Management and Internal
Medicine
St. Francis Bon Secours Medical Center
Greenville, SC 29601

PROFESSIONAL

AFFILIATION:

Member, South Carolina Medical Association

Member, North American Spine Society

Associate Member, American Association of
Neurological Surgeons

PUBLICATIONS:

McMillan MR, Chernow B, and Roth BL, Alterations in alpha adrenergic receptor binding in a rat model of chronic sepsis. Circulatory Shock 16:83, 1985. Presented to the Shock Society, Eighth Annual Conference on Shock, Baltimore, MD, 12 June 1985.

McMillan MR, Chernow B, and Roth BL, Phorbol esters inhibit alpha-1 adrenergic receptor stimulated phosphoinositide hydrolysis and contraction in rat aorta: evidence for a link between vascular contraction and phosphoinositide turnover. Biochemical and Biophysical Research Communications, 134:970, 1986.

McMillan MR, Chernow B, and Roth BL, Phorbol esters inhibit alpha-1 adrenergic receptor stimulated phosphoinositide hydrolysis and contraction in rat aorta. Federation Proceedings, 45:672, 1986. Presented to the Federation of the American Societies for Experimental Biology, St. Louis, MO, 16 April 1986.

McMillan MR, Chernow B, and Roth B L, Hepatic alpha-1 adrenergic receptor alteration in a rat model of chronic sepsis. Circulatory Shock, 19:185, 1986.

Lazarus A, McMillan MR, and Miramadi A, Pulmonary involvement in Sweet's syndrome (acute febrile neutrophilic dermatosis): preleukemic and leukemic phases of acute myelogenous leukemia., Chest, 90:922, 1986.

McMillan MR, Doud T, Nugent W, Catheter associated masses in patients receiving intrathecal analgesic therapy. Anesthesia & Analgesia 2003; 96:186-190.

PUBLICATIONS (cont.):

McMillan MR, Crumpton C, Cortical blindness and neurologic injury complicating cervical transforaminal injection for cervical radiculopathy. Anesthesiology 2003; 99:509-511.

McMillan MR, Patterson PA, Parker V, Percutaneous laser disc decompression for the treatment of discogenic lumbar pain and sciatica; A preliminary report with 3 month followup in a general pain clinic population. Photomedicine and Laser Surgery 2004; 22:434-438.

McMillan M, Fejos A, Confirmation of disc vaporization by detection of gas bubbles during percutaneous laser disc decompression. IMLAS Abstracts 2005; 351-352.

McMillan M, Percutaneous laser disc decompression, letter to the editor. Photomedicine and Laser Surgery 2006; 24:773.

McMillan M, Percutaneous discectomy. Chapter 3, pp. 17-25. In Lewandroski K, Araghi A, and Bruffey JD eds. Update in minimally invasive spine (MIS) surgery: Clinical examples of anatomy, indications, and surgical techniques. Center for Advanced Spinal Surgery of Southern Arizona (CASSA) Tucson AZ 2011.

McMillan M. Lumbar endoscopic surgery of the spine. Chapter 4, pp. 25-37. In Lewandroski K, Araghi A, and Bruffey JD eds. Update in minimally invasive spine (MIS) surgery: Clinical examples of anatomy, indications, and surgical techniques. Center for Advanced Spinal Surgery of Southern Arizona (CASSA) Tucson AZ 2011.

McMillan M. Outpatient Percutaneous and Endoscopic Surgery in Interventional Pain Management. Jour. SC Med. Assn. 2011; 107:205-208

McMillan M. Full-endoscopic posterior cervical foraminotomy and discectomy for cervical radiculopathy. Chapter 9, pp. 49-56. In Lewandrowski K, Ipreburg M, Lee S H, eds. Endoscopic Spinal Surgery. JP Medical Publishers Ltd. (London), 2013

McMillan M, Lewandrowski K. Procedural classification and coding problems. Chapter 24, pp. 155-157. In Lewandrowski K, Ipreburg M, Lee S H, eds. Endoscopic Spinal Surgery. JP Medical Publishers Ltd. (London), 2013

UNITED STATES PATENTS ISSUED:

1) Method and apparatus for performing percutaneous laser disc decompression with vaporization monitoring by fluid displacement.

Patent No.: US 8,152,796 B2 Issue date: April 10, 2012

2) Method and device for single point identification of neural tissue during endoscopic microdiscectomy.

Patent No.: US 9,050,097 Issue date: June 9, 2015

INVITED LECTURES:

Newer Interventional Pain Management Modalities; presented to 2006 Pain Symposium, Spartanburg Regional Healthcare System, Spartanburg, SC September 8, 2006.

Modern Management of Injured Workers with Spinal Pain; presented to South Carolina Workers Compensation Educational Association, 29th Annual Educational Conference on Workers' Compensation, Myrtle Beach SC, October 24, 2005.

Percutaneous Techniques of Minimally Invasive Spinal Surgery; presented to Third Annual South Carolina Pain Management Conference, Hilton Head Island, SC, September 6, 2004. CME Accredited by Medical University of South Carolina, Columbia, SC.

Full-Endoscopic Spinal Surgery; From Concept to Reality. 21st Annual Meeting South Carolina Spine Society, Charleston, SC; September 28, 2013

Course Faculty, Lumbar Endoscopic Spinal Decompression; Review Course and Hands-On Cadaver Workshop. American Society of Interventional Pain Physicians, Orlando, Florida; February 26-28, 2016.

Full endoscopic spinal surgery for lumbar spinal stenosis. Lumbar Endoscopic Spinal Decompression; Review Course and Hands-On Cadaver Workshop. American Society of Interventional Pain Physicians, Orlando, Florida; February 26-28, 2016.

RECENT CME COURSES ATTENDED:

Cleveland Clinic/Michael Stanton Hicks Pain Management and Regional Anesthesia Course and Cadaver Workshops. February 2002, Kew West, FL.

Medtronic Advanced Pain Management Update; including cadaver workshops. September 2002, Memphis, TN.

Percutaneous Laser Disc Decompression Tutorial; Daniel S. J. Choy, MD. February 2003, Laser Spine Center, New York, NY.

American Society of Anesthesiologists Annual Meeting and Program, Las Vegas, Nevada, October 2004.

Fourth Annual South Carolina Pain Management Conference, Hilton Head Island, SC, September 16, 2006.

Cleveland Clinic Ninth Annual Pain Management Symposium, Orlando Florida, February 10-14, 2007.

Advanced Topics Meeting in Neuromodulation with a Cadaver Workshop, Durham, NC, February 17, 2007; sponsored by Advanced Neuromodulation Systems.

American Academy of Minimally Invasive Spinal Medicine and Surgery (AAMISMS) Ninteenth Course of Endoscopic Minimally Invasive Spine Surgery, Thousand Oaks, California, February 20-22, 2007; Course Director, John C. Chiu, MD.

Eighteenth international training course for full endoscopic operations of the lumbar, thoracic and cervical spine. March 26-27 2010, St. Anna Hospital Herne/University of Cologne, Germany. Coure directors: Sebastian Ruetten, MD; Georgios Godalias, MD; Jurgen Kobke, MD.

Minimally invasive posterior cervical discectomy and foraminotomy. American Association of Neurological Surgeons, Certificate of CME Credit; July 9, 2011

Minimally invasive spine surgery: lumbar decompression techniques. American Association of Neurological Surgeons, Certificate of CME Credit; July 10, 2011

Twenty sixth international training course for full endoscopic operations of the lumbar, thoracic and cervical spine. March 16-17 2012, St. Anna Hospital Herne/University of Essen, Germany. Coure directors: Sebastian Ruetten, MD, Georgios Godalias, MD

Focused Controversies in Spine Care. Medical University of South Carolina office of continuing medical education. May 11-12, 2012

9th Annual Mayo Clinic Spine Center Medical and Surgical Spine Course. Scottsdale, AZ; January 15-17, 2015

Lumbar Endoscopic Spinal Decompression; Review Course and Hands-On Cadaver Workshop. American Society of Interventional Pain Physicians, Orlando, Florida; February 26-28, 2016

REFERENCES:

Furnished upon request.