

Mark S. Kaplan, MD

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Office Address: UMass Memorial Medical Center, Memorial Campus; 119 Belmont Street; Worcester, MA 01605-2982

Phone: (781) 237-0855 **FAX:** (508) 334-6741

Education:

Year	Degree	Institution
6/90	MD	New York Medical College; Valhalla, NY
6/82	BS Electrical Engineering	M. I. T.; Cambridge, MA
6/82	BS Life Science	M. I. T.; Cambridge, MA

Postgraduate Training:

Year	Title	Specialty/Discipline	Place of Training
7/92 – 6/94	Resident/Co-chief resident	Rehabilitation Medicine	Boston University Medical Center; 1 BMC Place, Boston, MA 02118
7/91 – 6/92	Resident	Rehabilitation Medicine	St. Vincent's Hospital Medical Center; 170 West 12 th Street, New York, NY 10011
7/90 – 6/91	Intern	Internal Medicine, preliminary	New Rochelle Hospital Medical Center; 16 Guion Place, New Rochelle, NY 10801

Licensure and Certification:

Year	Type of License or Certification
5/96, 7/06	American Board of Physical Medicine & Rehabilitation (ABPMR)
9/00, 1/11	Subspecialty Certification in Pain Medicine (ABPMR, ABPN, ABA)
12/98, 12/08	Subspecialty Certification in Spinal Cord Injury Medicine (ABPMR)
5/97, 5/08	American Board of Electrodiagnostic Medicine (ABEM)
6/06	American Board of Interventional Pain Physicians (ABIPP)
4/06	Fellow of Interventional Pain Practice (FIPP)
2/03	Buprenorphine Prescribing Qualification, DEA #XK4122076
8/01, 12/96	American Board of Independent Medical Examiners
6/94	Massachusetts Medical License #79806
6/94	DEA #BK4122076

Academic Appointments:

Year	Academic Title	Institution
1/06 – present	Clinical Associate Professor	University of Massachusetts
7/94 – 1/06	Assistant Professor of Rehabilitation Medicine	Boston Medical Center

Hospital or Affiliated Institution Appointments:

Year	Title	Hospital/Affiliated Institution
1/06 – present	Staff physician	UMass Memorial Medical Center
7/04 – 1/06	Staff physician	Cambridge Health Alliance
7/94 – 7/04	Staff physiatrist	Boston Medical Center
4/01 – 7/04	Staff physiatrist	HealthSouth Braintree Rehabilitation Hospital
9/97 – 9/00	Staff physiatrist	Boston VA Medical Center

Hospital and Health Care Organization Service Responsibilities:

Year	Institution/Organization	Role
1/06 – present	UMass Memorial Medical Center	Interventional spine care and pain management provided through the spine center. Outpatient orthopedic and rehabilitation services. Electrodiagnosis.
7/04-1/06	Cambridge Health Alliance	Outpatient orthopedic and rehabilitation services. Pain management including interventional spine care. Electrodiagnosis. Inpatient consultations.
7/94 – 7/04	Boston Medical Center	Outpatient services at Boston Medical Center.
7/98 – 7/04	East Boston Neighborhood Health Center	Staff physiatrist, Specialty Outpatient Services, Director of Pain Management Program.
4/01 – 7/04	HealthSouth Braintree Rehabilitation Hospital	Outpatient physiatrist. Industrial rehabilitation and pain management.
9/97 – 9/99	Boston VA Medical Center	Inpatient/outpatient/consult service attending.
7/94 – 9/97	Boston Medical Center	Attending physiatrist, Spinal Cord Injury and Neuro-Rehabilitation units.
7/94 – 9/97	Boston Medical Center	Consult service attending at Boston Medical Center and Boston City Hospital.
7/95 – 7/98	Winthrop Community Health Center	Staff physiatrist, Specialty Outpatient Services.

Major Administrative Responsibilities:

Year	Role	Institution
7/98 – 7/04	Rehabilitation Medicine Residency Program Director	Boston Medical Center
7/94 – 6/98	Rehabilitation Medicine Assistant Residency Program Director	Boston Medical Center

Major Committee Assignments:

Year	Role	Institution
7/96 – 7/04	Graduate Medical Educational Committee	Boston Medical Center
1/03 – 3/03	HealthSouth Clinical Research.	HealthSouth Braintree Rehabilitation Hospital
9/97 – 9/00	Research and Development Committee	Boston VA Medical Center

Professional Societies:

Year	Society	Role
11/04	American Association of Neuromuscular & Electrodiagnostic Medicine	Fellow
2/04	Physiatric Association of Spine, Sports, and Occupational Rehabilitation	Fellow
11/99	American Academy of Physical Medicine and Rehabilitation	Fellow
4/97	American College of Occupational & Environmental Medicine	Member

Editorial Boards:

Year	Title	Journal
1/02 – present	Associate Editorial Board	Archives of Physical Medicine and Rehabilitation
1/99 – 1/02	Manuscript Reviewer	Archives of Physical Medicine and Rehabilitation

Research, Teaching, and Clinical Contributions

Current Clinical Activities

I am currently employed through the Department of Orthopedics at UMass Memorial Medical Center. My primary role is to provide clinical services in the areas of non-operative musculoskeletal medicine, electrodiagnosis, and pain management, with particular emphasis on patients with spine problems.

I run daily clinical sessions. There are currently sessions for fluoroscopic procedures and outpatient sessions.

Special Clinical Interests

Pain management

Electrodiagnosis

Musculoskeletal medicine

Spinal cord injury

Traumatic brain injury

Spasticity management

Evaluation of disability and impairment

Primary Research Interests

Pulsed versus continuous radiofrequency ablation

Motion analysis

Computer applications for rehabilitation

Neural prosthetics

Active orthotics

Publications

Journal Articles

- Kaplan MS, Cooke J, Collins JG. Intravascular uptake during fluoroscopically guided cervical interlaminar steroid injection at C6-7: a case report. *Archives of Physical Medicine and Rehabilitation* 89 (2008) 553 – 8.
- Mukand J, Kaplan M, Blackinton D, Biener-Bergman S, Trojan D: The Gastric Emptying Scan as a Tool for Surgical Management of Severe Bowel Dysfunction in Spinal Cord Injury: 2 Case Reports *Archives of Physical Medicine and Rehabilitation* 81 (2000) 1531-1534.
- Kaplan M: Tizanidine: Another tool in the management of spasticity *Journal of Head Trauma Rehabilitation* 12(5) (Oct 1997): 93-97.
- Mukand J, Kaplan M, Senno R, Bishop D: Pathological Crying and Laughing: Treatment with Sertraline *Archives of Physical Medicine and Rehabilitation* 77 (1996) 1309-1311.
- Kaplan MS, Szaro BG, Weiss TF: Components of cochlear electric responses in the alligator lizard. *Hearing Research* 12 (1983) 323-351.

Book Chapters

- Kaplan, M: Lumbar Discography: In: Vaccaro J, Eck, editors. *Surgical Atlas of Spine Operation*, publication date pending
- Blazuk J, Kaplan M: Cubital Tunnel Syndrome: In: Domino, F, editor. *The 5-Minute Clinical Consult*, 2012.
- Kaplan M: Upper Motor Neuron Syndrome and Spasticity: In: Nesathurai S, editor. *The Rehabilitation of Persons with Spinal Cord Injury*. 2nd ed. Whitinsville, MA: AAP Publishing; 2003. p75 – 80.
- Kaplan M: Upper Motor Neuron Syndrome and Spasticity. In: Nesathurai S, Blaustein D, editors. *Essentials of Inpatient Rehabilitation*. Malden, MA: Blackwell Publishers; 2000. p75 – 80.
- Kaplan M: Upper Motor Neuron Syndrome and Spasticity: In: Woo B, Nesathurai S, editors. *The Rehabilitation of Persons with Traumatic Brain Injury*. Malden, MA: Blackwell Publishers; 2000. p75 – 80.
- Kaplan M: Neuropharmacology After Traumatic Brain Injury: In: Woo B, Nesathurai S, editors. *The Rehabilitation of Persons with Traumatic Brain Injury*. Malden, MA: Blackwell Publishers; 2000. p71 – 78.

Other

Injection Treatment Effectively Reduces Lower Back Pain Associated with Lumbar Spinal Stenosis in Older Adults Virginia Briggs, Patricia Franklin, MD, MPH, MBA, Thomas McLaughlin, Wenjun Li, PhD, Worcester, MA; David Lombardi, Hopkinton, MA; Mark Kaplan, MD, Mark Eskander, MD, Worcester, MA, USA; Presented at the North American Spine Society 24th Annual Meeting, 11/13/09.

Report of Teaching

Direct teaching/supervision

Medical Student Supervision. Research Project January – March 2007

Professional/Support Staff Education

Spine Fellow Supervision and Training August 2006 – Present

Medical Student Faculty Advisor February 2009 - Present

Presentations:

2/13/09

Orthopedic Resident Basic Science Lecture

“Gait”

3/16/07

Orthopedic Resident Basic Science Lecture

“Kinesiology”

12/13/06

Worcester National Association of Orthopaedic Nurses

“Spinal Injections”

12/5/06

Department of Family Medicine and Community Health

“Rehabilitation Management of Chronic Pain”

Teaching files

Video Observation Gait Analysis Case Files (currently more than 80)

Spine Intervention Fluoroscopy Teaching Case Video Files (over 10,000)

Since starting at UMass in January 2006, I have developed the tools described above which provide the opportunity to integrate patient care with the academic goals of the institution. Quality educational opportunities are available to those who are interested, and these may be tailored to meet the individual's needs.