

CURRICULUM VITAE

Mark Steven Schnitzer, M.D., F.A.C.S.

PERSONAL DATA

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PRESENT POSITION

President & Medical Director, Center For Neurological Surgery, A Medical Group, Inc.
Established 1995 Private Practice of Neurosurgery, In Los Angeles and Orange Counties
Services provided:

- Spine surgery
- Stereotactic surgery & radiosurgery for neoplastic, vascular and functional disorders
- Ablative and augmentative procedures for pain
- Surgical neuro-oncology of the brain and spinal cord

Mark Steven Schnitzer, M.D.

PAST POSITIONS

Clinical Assistant Professor of Neurological Surgery, The University of Southern California

Assistant Chief-of-Service, Department of Neurosurgery
The Johns Hopkins Hospital
Baltimore, Maryland
July 1, 1993 to June 30, 1994

Instructor, Department of Neurosurgery
The Johns Hopkins University School of Medicine
Baltimore, Maryland
July 1, 1993 to June 30, 1994

EDUCATION

October 1, 1991 to June 30, 1993 Fellow in Neurosciences Critical Care
The Johns Hopkins Hospital, Baltimore, Maryland

July 1, 1991 to September 30, 1991 Neuropathology - Armed Forces Institute of Pathology
Washington, DC

July 1, 1988 to June 30, 1993 Resident in Neurosurgery, Department of Neurosurgery
The Johns Hopkins Hospital, Baltimore, Maryland

Post-doctoral Fellow, Department of Neurosurgery
The Johns Hopkins University School of Medicine

July 1, 1987 to June 30, 1988 Intern in General Surgery, Department of Surgery
The Johns Hopkins Hospital, Baltimore, Maryland

Post-doctoral Fellow, Department of Surgery
The Johns Hopkins University School of Medicine

August 1981 to June 1987 Texas A&M University, College Station, Texas
Master of Science Degree in Electrical Engineering
Doctor of Medicine

Mark Steven Schnitzer, M.D.

EDUCATION (cont.)

August 1978 to Washington University, St. Louis, Missouri
August 1981 Bachelor of Science in Electrical Engineering

PROFESSIONAL ACTIVITIES, AWARDS, AND CERTIFICATIONS

2010 Diplomate, American Board of Neurological Surgery (re-certified)

2003 Fellow, American College of Surgeons
Medical Executive Committee member-at-large, St. Jude Medical Center, Fullerton, CA

2002 Chief-of-Surgery, St. Jude Medical Center, Fullerton, CA
Fellow, International College of Surgeons, United States Section

2001 Vice-Chief-of-Surgery, St. Jude Medical Center, Fullerton, CA

2000 Diplomate, American Board of Neurological Surgery

1999 Co-founder, Millennium Medical Management, Inc.

1998 Vice-President, Society of Neurosurgeons of Orange County

1997 President, Society of Neurosurgeons of Orange County
Member, Department of Surgery Quality Review Committee, St. Jude Medical Center, 1997 - 2003
Diplomate, American Board of Quality Assurance and Utilization Review Physicians

1996 Co-Founder and Board Member, University Neurosurgical Associates, Inc.

1995 Founder and President, Center for Neurological Surgery, A Medical Group, Inc.
Chairman, Neurosurgery Service, St. Jude Medical Center, Fullerton, California, 1995 - 1997

Mark Steven Schnitzer, M.D.

PROFESSIONAL ACTIVITIES, AWARDS, AND CERTIFICATIONS (cont.)

- 1993 Joint Section on Neurotrauma and Critical Care of the
 AANS/CNS, Brain Trauma Foundation Fellowship
- Physicians Recognition Award, 1993-1996, American Medical
 Association
- 1992 American Board of Neurological Surgery Written Primary
 Examination
- Eleanor Naylor Dana Fellowship in Neurosciences Critical Care
- 1991 Charles A. Dana Fellowship in Neurosciences Critical Care
- 1990 Physicians Recognition Award, 1990-1993, American Medical
 Association
- 1987 Federal Licensure Examination (FLEX)

PROFESSIONAL ASSOCIATIONS

American College of Surgeons, Fellow
American Board of Neurological Surgeons, Diplomate
American Board of Quality Assurance and Utilization Review Physicians, Diplomate
International College of Surgeons, Fellow
American Association of Neurological Surgeons
Congress of Neurological Surgeons
American Medical Association
California Medical Association
Orange County Medical Association
California Association of Neurological Surgeons
American College of Physician Executives

LICENSURE

California, Physician License #A52917
Texas, Physician License #H4680

PUBLICATIONS AND PRESENTATIONS

Schnitzer MS, Halverson DR: Asymptotically robust detection of stochastic signals in contaminated noise. Proceedings of the 23rd Annual Allerton Conference on Communication, Control and Computing, 1985.

Schnitzer MS, Halverson DR, Thompson MW: Discrete time robust detection of stochastic signals in non-Gaussian contaminated noise. **J Franklin Institute** 324:19-25, 1987.

Denchev D, **Schnitzer MS**, Mirski MA, Hanley DF: Comparison between mannitol and hypertonic saline for treatment of elevated intracranial pressure in an experimental model of focal cerebral injury. Presented at the Fourth International Symposium on Resistance Arteries, Heidelberg, Germany, January 13-15, 1994.

Razumovsky A Ye, Ling GSF, Williams MA, **Schnitzer MS**, Hanley DF: Sagittal sinus pressure (SSP) does not change during ventricular infusion intracranial pressure (ICP) elevation in dogs. Presented at the Forty-Sixth Annual Meeting of the American Academy of Neurology, Washington DC, May 1-7, 1994.

Ling GSF, Williams MA, **Schnitzer MS**, Razumovsky A Ye, Chubbuck J, Longerbeam M, Hanley DF: Comparison of telemetric epidural sensor and ventricular catheter intracranial pressure (ICP) measurements. Presented at the Forth-Sixth Annual Meeting of the American Academy of Neurology, Washington DC, May 1-7, 1994.

Razumovsky A Ye, Ling GSF, Williams MA, **Schnitzer MS**, Hanley DF: The relationship between the sagittal sinus and intraventricular pressures of the dog during acute intraventricular infusion. Presented at the Ninth International Symposium on Intracranial Pressure (ICP) and its Related Problems, Nagoya, Japan, May 16-19, 1994.

Williams MA, Ling GSF, **Schnitzer MS**, Razumovsky A Ye, Longerbeam M, Chubbuck J, Hanley DF: Comparison of telemetric epidural and intraventricular pressures. Presented at the Ninth International Symposium on Intracranial Pressure (ICP) and its Related Problems, Nagoya, Japan, May 16-19, 1994.

Denchev D, **Schnitzer MS**, Mirski MA, Hanley DF: Treatment of elevated intracranial pressure in an experimental model of focal cerebral injury: Comparison between mannitol and hypertonic saline. Presented at the Ninth International Symposium on Intracranial Pressure (ICP) and its Related Problems, Nagoya, Japan, May 16-19, 1994.

Mark Steven Schnitzer, M.D.

PUBLICATIONS AND PRESENTATIONS (cont.)

Schnitzer MS, Denchev D, Mirski MA, Hanley DF: Hypertonic saline (23.4%) in equiosmolar doses is superior to mannitol for reduction of ICP. Presented at the Congress of Neurological Surgeons Annual Meeting, Chicago, Illinois, October 1-6, 1994.

Mirski MA, Denchev DI, **Schnitzer MS**, Hanley DF: Comparison Between Hypertonic Saline and Mannitol in the Reduction of Elevated Intracranial Pressure in a Rodent Model of Acute Cerebral Injury. *J Neurosurg Anesthesiol* 2000; 12: 334-344.

BOOK CHAPTERS

Schnitzer MS, Aschoff A: ICP monitoring. In: Neuro Critical Care. Hacke W (Ed). Springer-Verlag: Heidelberg, 1994.

Hartmann A, Stingle R, **Schnitzer MS**, Ropper A: General treatment strategies in elevated intracranial pressure. In: Neuro Critical Care. Hacke W (Ed). Springer-Verlag: Heidelberg, 1994.

INVITED LECTURESHIPS

Miles Inc., Pharmaceutical Division: Symposium on Subarachnoid Hemorrhage. Recorded for transcription at the Johns Hopkins Hospital, Baltimore, Maryland, April 19, 1993.

Guest Faculty, University of Mississippi Neurotrauma Update, Jackson, Mississippi, October 30, 1993.

Faculty, AO ASIF Course: Team Approaches to the Operative Management of the Spinal Surgery Patient. Newport Beach, CA. September 18-19, 1999.

Guest Faculty, Cal Poly, Pomona, Biology of Cancer Seminar Series: Modern Treatment of Malignant Brain Tumors, 5/1/2000.

Guest Faculty, Cal Poly, Pomona, Biology of Cancer Seminar Series: Modern Treatment of Malignant Brain Tumors, 4/30/2001.