

CURRICULUM VITAE
Richard Alan Berkman, M.D.

Address:

Neurosurgical Associates
P.O. Box 331696
Nashville, TN 37203
(615) 986-1256

Education:

Undergraduate:

Harvard University, Cambridge, MA
BA in Biology – Magna Cum Laude
1979-1983

Medical:

New York University, New York, NY
1983-1987

Internship:

General Surgery
Vanderbilt University, Nashville, TN - 1987-1988

Residency:

Neurological Surgery
Vanderbilt University, Nashville, TN - 1988-1993

Fellowships:

Medical Staff Fellow: Surgical Neurology
National Institutes of Health, Bethesda, MA
1990-1992

Spine Fellowship
Department of Neurosurgery
Emory University, Atlanta, GA – 1994

Board Certified:

May 27, 1998

Academic/Hospital Appointments:

St. Thomas Hospital, Provisional Staff, Nashville, TN (1994 – Present)

Vanderbilt University Medical Center, Assistant Professor, Nashville, TN. (1994-1997)

Centennial Medical Center, Provisional Nashville, TN. (1996- Present)

Grant Support:

National Institutes of Health: “Interactive, Image-Guided Surgery.”
\$348,885,00 1990-1995 (Named Investigator)

Societies:

Research Society of Neurological Surgeons

Published Articles:

Berkman RA, Merrill MJ, Reinhold WC, Monacci WT, Saxena A, Clark WC, Robertson JT, Ali TU, Oldfield EH: Expression of the vascular permeability factor/vascular Endothelial growth factor gene in central nervous system neoplasms. *J Clin. Invest* 91:153-159, 1993.

Berkman, RA, et al, A new algorithm for the diagnosis and treatment of enhancing CNS Lesions in patients with AIDS.

American Association of Neurological Surgeons, Boston, MA, April 1993

Berkman, RA, et al, MRI motion artifacts simulating intradural, extramedullary tumors. *American Association of Neurological Surgeons' Section on Spine and Peripheral Nerve Diseases*, Tucson, AZ, February, 1993.

Berkman RA, et al, Clark WC, Saxena A, Robertson JT, Oldfield EH, Ali IU: Clonal composition of glioblastoma multiforme. *J Neurosurgery*, 77:432-437, 1992

Berkman, RA, et al, Vascular permeability factor in central nervous system tumors. *American Association of Neurological Surgeons Annual Meeting*. San Francisco, CA, April 1992.

Shulte HM, Oldfield EH, Allolio B., Katz DA, Berkman RA, Ali IU: Clonal Composition of pituitary adenomas in patients with Cushing's disease: Determination by x-chromosome inactivation analysis. *J Clin Endocrinol Metab*.

Berkman RA, et al, Clonal composition of central nervous system neoplasms. *The Molecular basis of Cancer*, Frederick, MD, June, 1991.

Buyon JP, Schaduck N, Berkman RA, Hopkins P, Dalton J, Weissman G, Winchester R, Abramson SB: Surface expression of GP 165/94, the complement receptor CR3, as a Marker of disease activity in systemic lupus erythematosus. *Clin Immunol Immunopath* 46:141-149, 1988.

Posner M, Berkman RA, et al, Lazarus H: Optimal conditions for obtaining human Monoclonal antibodies after in vivo immunization with tetanus toxoid. *AFCR* 32, 1984.

Berkman RA, et al, A New System for Occipital-Cervical Stabilization. Section on Spine and Peripheral Nerve Diseases, Santa Monica, CA. February 1996.

A New System for Occipital-Cervical Stabilization. Section on Spine and Peripheral Nerve Diseases, Santa Monica, CA. February 1996.

Course Instruction/Presentation:

Tenth Annual International Spine Workshop. Bethesda, MD. 1998,
Instructor/Lecturer. Approaches to the Thoracic Lumbar Spine and Spinal Fixation –
Hands on Course.

Recognition and Management of Occipital Cervical Pathology. Department of
Surgery Medical Staff Lecture, Centennial Medical Center, June 1997.

Ninth Annual International Spine Workshop, Bethesda, MD, 1997.
Instructor/Lecturer. Left Lateral Extracavitary Approach. Thoracolumbar Spine
Workshop.

Technical Consideration For Placement of Pedicle Screws. Hands-On Instruction.
Meacham Neurosurgical Society Annual Meeting, June 1996.

Management of Occipital-Cervical Dislocation. Meacham Neurosurgical Society
Annual Meeting, June 1997.

Lumbar Pedicle Screw Fixation. AANS Section on Spine and Peripheral Nerve
Diseases, Orlando, FL March 1996.

Anterior Approach For Cervical Spondylitic Myelopathy and Anterior Cervical
Foraminotomy. Meacham Neurosurgical Society Annual Meeting, Sea Island, GA
1995.

Eighth Annual International Spine Workshop, Bethesda, MD. 1996.
Instructor/Lecturer. Approaches to the Thoracic Lumbar Spine and Spinal Fixation –
Hands-On Course.

Management of Thoracolumbar Fractures. American Association of Neurological
Surgeons' hands-on Thoracolumbar Spine Course, New Orleans, LA, May 1995.

Seventh Annual International Spine Workshop. Bethesda, MD. 1995.
Instructor/Lecturer. Management of Thoracolumbar Spine with Hands-On Instruction
on Spinal Approaches And Spinal Instrumentation, Bethesda, MD. 1995.

Spinal instrumentation seminar. American Association of Neurological Surgeons'
Section on Spine and Peripheral Nerve Diseases, Phoenix, AZ. February 1995.

Sixth Annual International Spine Workshop, Bethesda, MD. 1994.
Instructor/Lecturer. Approaches to the Thoracic Lumbar Spine and Spinal Fixation –
Hands-On Course.

The team approach to difficult Neurosurgical problems. Shoals Medical Seminar,
Sheffield, AL, April 1994.

Management of occipitocervical instability. American Association of Neurological
Surgeons' Cervical Spine Workshop, February 1994.