



CURRICULUM VITAE

Abstracted

Kevin R. Nelson, M.D.

Board Certification

American Board of Psychiatry and Neurology
American Board of Electrodiagnostic Medicine (Electromyography)
American Board of Psychiatry and Neurology
Added Qualification - Clinical Neurophysiology, Re-certification: 5/02

Education

1971 – 75 B.S., Michigan State University
1975 - 79 M.D., University of Michigan Medical School
1979 - 83 Internship (Internal Medicine), Neurology Residency, University of New Mexico

Current University of Kentucky Academic Appointments

2005 Director of Medical Affairs
2005 Associate Chief Medical Officer
2000 Assistant Dean for Clinical Affairs
2000 Professor, Department of Neurology
1984 – 98, 03 Director, EMG/NCS Laboratory
1984 – 98, 03 Director, Neuromuscular Program

University of Kentucky Assignments

In the Neurology Department, Dr. Nelson directs the Neuromuscular clinical neurophysiology laboratory and cares for patients with Neuromuscular disease. As Director of Medical Affairs within the Chief Medical Office, Dr. Nelson is responsible for the credentialing and privileging process of 600 University of Kentucky Medical Staff members, and overseeing interdisciplinary clinical activity of 1000 physicians and healthcare providers at Univ Kentucky Medical Center.

National Committees / Assignments

The American Association of Neuromuscular and Electrodiagnostic Medicine (AANEM; www.AANEM.org) is composed of 5000 member physicians and is the only national organization devoted to all aspects of Neuromuscular Medicine. Dr. Nelson has served on many AANEM committees, recently as Chair of Program Committee responsible for organizing and moderating the 2005 Plenary session in Monterey CA entitled: "Emerging concepts and technologies in Neuromuscular Medicine", Symposia committee(Chair), and is appointed to the AANEM Board of Directors and finance, as well as active in developing national accreditation standards for EMG/NCS laboratories.

Honors

Who's Who in Medicine and Healthcare, 1st. Edition
Best Doctors in America
Fellow, American Academy of Neurology
Fellow, American Association of Neuromuscular and Electrodiagnostic Medicine

National Presentations

Multiple including topics of Intraoperative Monitoring, Moderator of Scientific Sessions, Neuromuscular Aging, Sensory Nerve Conduction Studies, for American Association of Electrodiagnostic Medicine, and the American Academy of Neurology (including workshops) (AAN; www.AAN.com).

Research Interest

Exploring the relationship of the autonomic nervous system to arousal and conscious states.

Selected Publications

Manuscripts

Gilmore, R.L., Nelson, K.R. SSEP and F-wave Studies in Acute Inflammatory Demyelinating Polyradiculoneuropathy. Muscle Nerve 12:538-545, 1989.

Nelson, K.R., Rivner, M. Electromyography and Nerve Conduction Laboratory in Clinical Neurologic Practice. Seminars in Neurology 10:131-140, 1990.

Harper, C..M., Nelson, K. Intraoperative Electrophysiologic Monitoring in Children. Journal of Clinical Neurophysiology 9(3): 342-356, 1992.

Nelson, K.R., Goodheart, R., Salotto, A., Tibbs, P. Median Nerve Entrapment Beneath the Bicipital Aponeurosis: Investigation with Intraoperative Short Segment Stimulation. Muscle Nerve 17: 1221-1223, 1994.

Nelson, K.R., Vasconez, H.C. Nerve Transection Without Neurotonic Discharges During Intraoperative Electromyographic Monitoring. Muscle Nerve 18, 236-238, 1995.

Warf, B, and Nelson, K.R. The Electromyographic Responses to Dorsal Rootlet Stimulation during Partial Dorsal Rhizotomy Are Inconsistent. Pediatr Neurosurg, 25, 13-19, 1996.

Nelson, K.R., Mattingly, M., Lee, S.A., Schmitt, F.A., Does the arousal system contribute to near death experience? Neurology 66:1003–1009, 2006.

Nelson, K.R., Mattingly, M., Schmitt, F.A., Out-of body experience and Arousal. Neurology, 68: 794-5, 2007.

Committee Publications

The Scope of Electrodiagnostic Medicine. American Association of Electrodiagnostic Medicine. Muscle Nerve Supp 8, S5-12, 1999.

Guidelines for Establishing a Quality Assurance Program in an Electrodiagnostic Laboratory. American Association of Electrodiagnostic Medicine. Muscle Nerve Supp 8, S33-39, 1999.

Risks in Electrodiagnostic Medicine. American Association of Electrodiagnostic Medicine. Muscle Nerve Supp 8, S53-69, 1999.

Somatosensory Evoked Potentials: Clinical Uses. American Association of Electrodiagnostic Medicine. Muscle Nerve Supp 8, S11-118., 1999.

Practice Parameter for Electrodiagnostic Studies in Ulnar Neuropathy at the Elbow. American Association of Electrodiagnostic Medicine. Muscle Nerve Supp 8, S171-205, 1999.

Practice Parameter for Needle Electromyographic Evaluation of Patients with Suspected Cervical Radiculopathy: Summary Statement. American Association of Electrodiagnostic Medicine. Muscle Nerve Supp 8, S209-221, 1999.

Consensus Criteria for the Diagnosis of Partial Conduction Block. American Association of Electrodiagnostic Medicine. Muscle Nerve Supp 8, S225-229, 1999.

Books (Book Chapters)

Nelson, K.R. Intraoperative Nerve Action Potentials. In: Neurologic Clinics: Evoked Potentials. (Gilmore, R.L. ed.) W. B. Saunders. 6:4, pp. 917-933, 1988.

Nelson, K.R. Carpal Tunnel and Other Nerve Entrapments. Saunders Manual of Medical Practice, (Rakel R.E., ed) W.B. Saunders, Philadelphia, 1996.

Nelson, K.R. Carpal Tunnel and Other Nerve Entrapments. Saunders Manual of Medical Practice, (Rakel R.E., ed) 2nd. Edition W.B. Saunders, Philadelphia, 1999.

Letters

Nelson, K.R. Use New Pins for Each Neurologic Examination. N Engl J Med 314:581, 1986.

Nelson, K.R., Tibbs, P. Neck Cracker Neuropathy. N Engl J Med 318:1072, 1988.

Nelson, K.R. Heimlich Maneuver for Esophageal Obstructions. N Engl J Med 320:1016, 1989.

Nelson, K.R., Mattingly, M., Lee, S.A., Schmitt, F.A., Does the arousal system contribute to near death experience?, Author's reply Neurology 67: 2265, 2006.