



Masud Seyal, Ph.D.

Clinical Interests	Dr. Seyal is Director of the Clinical Neurophysiology laboratory and the UC Davis Medical Center Comprehensive Epilepsy Center. This Center has received the highest designation (Level 4) by the National Association of Epilepsy Centers. Dr. Seyal specializes in the management of patients with epilepsy. His current research is focused on respiratory and cardiac disturbances during epileptic seizures. These disturbances may underlie sudden unexpected death in epilepsy (SUDEP), a common cause of mortality in patients with epilepsy. This work has resulted in several publications in premier neurology journals including Brain and Epilepsia. Dr. Seyal is a member of the editorial board of the Journal of Clinical Neurophysiology and provides editorial review for several other neurology journals.
Title	Director of the EEG Lab Professor
Specialty	Neurology
Department	Neurology
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Education	Ph.D., UC Berkeley, Berkeley, California, 1976 M.B., B.S., University of the Punjab, Lahore, Pakistan, 1970
Internships	Monmouth Medical Center, Long Branch, New Jersey, 1971-72
Residency	University of Kansas, Kansas City, Kansas, 1976-79
Fellowships	College of Physicians and Surgeons, New York City, New York, 1980-82 National Institutes of Health, Bethesda, Maryland, 1979-1980 Stanford University, Palo Alto, California, 1992
Board Certifications	American Board of Psychiatry and Neurology, 1983



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American Board of Psychiatry and Neurology, Clinical Neurophysiology, 2001

American Board of Qualification in Electroencephalography, 1992

American Board of Sleep Medicine, 1994

Professional Memberships

American Academy of Neurology

American EEG Society

American Epilepsy Society

American Sleep Disorders Association

The American Neurological Association

Select Recent Publications

Seminario N.A, Farias T.S., Jorgensen L, Bourgeois IA, Seyal. M. Prevalence of Depression in an Epilepsy Clinic Using a Brief DSM-IV Based Self Report Questionnaire. *Epilepsy and Behavior. Epilepsy Behav.* 2009 15(3):362-6

Bateman LM, Li C-S and Seyal, M. Ictal hypoxemia in localization-related epilepsy: Analysis of incidence, severity and risk factors. *Brain*, 131. 2008: 3239-3245

Kile SJ, Kim J. and Seyal, M. Complex partial status epilepticus in a patient with Paraneoplastic limbic encephalitis associated with lung carcinoma. *Clinical EEG and Neuroscience*, 38 (2007): 172-174

Hardin, K, Seyal, M., Stewart, T., and Bonekat H. Sleep in critically-ill chemically paralyzed patients on mechanical ventilation. *Chest* 129(6) 2006: 1468-1477

Farias, S. Harrington, G., Broomand, C., and Seyal. M. Differences in fMRI activation patterns associated with confrontation naming and responsive naming. *AJNR* 26 (2005):2492-2499

Seyal, M., Shatzel A, and Pirio Richardson S. Crossed inhibition of sensory cortex by 0.3 Hz transcranial magnetic stimulation of motor cortex. *J. Clin. Neurophysiology* 22 (2005): 418-421

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