

## **Curriculum Vitae**

**Hooshang Hooshmand, M.D.**

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**Vero Beach, FL 32960**

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**Naturalized Citizen of U.S.**

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### **Academic Appointments or other Significant Work Experience**

1. Jan 1970-May 1974: Associate Professor, Neurology, Medical College of Virginia, Richmond, Virginia.
2. July 1971-May 1974: In charge of Neurology course for Medical College of Virginia Psychiatry Residents
3. May 1970-May 1974: Chairman, CNS Committee, Medical College of Virginia
4. July 1969-May 1974: Started EEG Technology School at the Medical College of Virginia. In charge of EEG Technology school, Medical College of Virginia
5. August 1967: Started operating room depth electrode EEG study center for Epilepsy surgery
6. July 1987-Present: Neurology Consultant, New Horizons, Ft. Pierce, Florida
7. July 1983-Sept 1986: Member of Board of Trustees, Humana Hospital, Sebastian, Florida
8. May 1979-1982: Past Chairman, Educational Committee of Florida Neurology Society
9. 1976-1979: In charge of Florida EEG Technology Post Graduate Course held each year in Vero Beach, Florida
10. Oct 1975-1983: Chairman, Post Graduate EEG courses, Southern EEG Society
11. Jan 1975-1981: Annual lectures in EEG Post Graduate courses, Jackson Memorial Hospital, Miami, Florida

12. Sept 1974-1981: Lecturer in EEG Post Graduate Courses for Technologists (annual) Duke University
13. Feb 1974-1981: Lecturer in EEG Post Graduate Courses for Physicians (annual) Duke University
14. 1972-1979: Associate Examiner, American Board of Registration for EEG Technology  
Dec 1971-1980: Associate Examiner, American Board of EEG
15. July 1968-May 1974: Neurologist (Lecturer), Eastern State Hospital, Williamsburg, Virginia
16. July 1968-May 1974: Neurologist (attending), McGuire VA Hospital, Richmond, Virginia
17. July 1968-Jan 1970: Assistant Professor, Neurology, Medical College of Virginia, Richmond, Virginia
18. Oct 1967-July 1968: Instructor, Neurology, Medical College of Virginia, Richmond, Virginia
19. Oct 1967-May 1974: Neuroanatomy Elective Course offered to M-I and M-II Students, Medical College of Virginia, Richmond, Virginia
20. Oct 1984: Lecturer, Professor Pro Team, Cleveland Clinic, Cleveland, Ohio
21. Dec 1978-Dec 1979: Director, Post Graduate Courses for EEG Technology (annual courses)
22. Jan 1986: Director, Post Graduate Epilepsy Course, Vero Beach, Florida
23. Dec 1995: Director, Post Graduate RSD course, Orlando, Florida
24. Nov 1997: Director, Post Graduate RSD course, Orlando, Florida
25. Dec 2000: Director, Post Graduate RSD course, Orlando, Florida

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## **EDUCATION**

1. 1953-1959: University of Tehran, Iran, Medicine, MD, November 1959
  2. 1952-1953: University of Tehran, Iran, Pharmacy
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## **POSTDOCTORAL TRAINING OR SPECIAL EXPERIENCES**

1. Oct 1965-Oct 1967: Resident, Neurology, Medical College of Virginia Richmond, Virginia
2. July 1961-Oct 1965: Neurosurgical Residency, Mayo Graduate School, Rochester Minnesota
3. Jan 1961-July 1961: Surgical Residency, Baroness Erlanger Hospital, 261 Wiehl Street, Chattanooga, TN 37403
4. 1960-1961: Intern, McKennan Hospital, 800 E. 21st Street, Sioux Falls, South Dakota, 57101

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## **AWARDS**

1. AMA award of merit for research work on CSF pressure, July 1970
2. Congress of Neurological Surgeons Award of merit for research work on cerebral edema, October 1970
3. Teacher of the Year awarded by Medical College of Virginia Students, 1970-1971
4. Teacher of the Year awarded by Medical College of Virginia Students 1971-1972
5. Teacher of the Year awarded by Medical College of Virginia Students 1973-1974
6. AMA Continuing Education Award, April 1978
7. Recipient of Clinical Contribution Award, Florida Society of Multiple Sclerosis, 1983
8. Recipient award of merit Multiple Sclerosis Support Group Patient. St. Lucie, FL., 1994

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## **MEMBERSHIPS**

1. American Academy of Medical Infrared Imaging (President 1996-1997)
2. American Academy of Neurology
3. American Academy of Pain Management
4. American Academy of Thermology

5. American Clinical Neurophysiology Society
  6. American Pain Society
  7. Florida Academy of Pain Medicine
  8. IEEE and EMB Society
  9. International Association for the Study of Pain
  10. Mayo Alumni Association
  11. Southern Epilepsy and EEG Society
  12. Southern Pain Society
  13. The Florida Society of Neurology, Inc
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### **STATE LICENSURE**

1. Florida #21496 dated February 6, 1974
  2. Wisconsin #18732 dated April 25, 1974
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### **COMMITTEES**

1. 1981-1984: Member, Board of Trustees, Humana Hospital, Sebastian, FL
  2. 1975-1982: Chairman, Educational Committee, Southern EEG Society
  3. 1973-1974: President and Council Member, Southern EEG Society
  4. 1972-1980: Associate Examiner American Board of EEG qualifications
  5. 1982-1987: Member, Pharmacy and Therapeutics Committee, Humana Hospital, Sebastian, FL
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## **BOARDS**

1. FLEX Examination, June 1973
2. E.C.F.M.G. Certificate, March 16, 1970
3. American Board of Neurology and Psychiatry, February 1970
4. American Board of Electroencephalography, September 1972
5. American Association of Electromyography and Electro diagnosis Exam for Active Membership, August 1970
6. Florida State Board and FLEX, December 1973
7. American Board of Electrodiagnostic Medicine, September 14, 1989

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## **RESEARCH PROJECTS IN PROGRESS**

1. Long-term complications of Electrical Injuries
  2. Reflex Sympathetic Dystrophy/ Chronic Regional Pain Syndrome
  3. Comparison of diagnostic values of EEG, EMG, VS MRI and CT.
  4. Role of Evoked Potentials in Neurologic Illness
  5. Seizure Disorder in Electrocutation
  6. Somatosensory Evoked Potentials in Neck and Back Injuries
  7. Topographic Brain Mapping in Seizure Disorders
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## **BIBLIOGRAPHY PAPERS PUBLISHED**

1. Uihlein, A., and Hooshmand, H.: BRAIN TUMORS. Progress in Neurology and Psychiatry 21:418-430, 1966.
2. Uihlein, A., and Hooshmand, H.: BRAIN TUMORS. Progress in Neurology and Psychiatry 22:347-358, 1967.
3. Hooshmand, H., and Uihlein, A.: BRAIN TUMORS. Progress in Neurology and psychiatry 23:388-398, 1968.
4. James, J.M., and Hooshmand, H.: SEVERE EXTENSION-FLEXION INJURIES OF THE CERVICAL SPINE. Mayo Clinic Proceedings 40:353-369, 1965.
5. Hooshmand, H., Dove J., and Suter, C.: THE USE OF SERUM LDH ISOENZYMES IN THE DIAGNOSIS OF MUSCLE DISEASE. Neurology 19:26-31 1969.
6. Hooshmand, H., Suter, C., and Dove, J.: THE EFFECTS OF MANNITOL AND DEXAMETHASONE ON CSF PRESSURE. Excerpta Medical International Congress Series No. 193:374, 1969.
7. Hooshmand, H., and Brawley, B.W.: TEMPORAL LOBE SEIZURES AND EXHIBITIONISM. Neurology 19:1119-1124, 1969. Nov.
8. Hooshmand, H., Dove J., Houff, S., and Suter, C.: EFFECTS OF DIURETICS AND STEROIDS IN CSF PRESSURE, A COMPARATIVE STUDY. Arch. Neurol. 21:499-509, 1969.
9. Hooshmand, H., and Suter, C.: CLASSIFICATION AND TREATMENT OF SEIZURE DISORDERS IN CHILDREN. Virginia Medical Monthly 97:104-116, 1970.1
10. Hooshmand, H., Martines A.J., and Rosenblum, W.I.: ARTHROGRYPOSIS MULTIPLEX CONGENITA. Arch. Neurol. 24:561-572, 1971
11. Hooshmand, H.: A TEMPORAL STUDY OF ENZYMES, ISOZYMES, AND HISTOCHEMICAL CHANGES IN DUCHENNE'S DYSTROPHY AND NEUROGENIC ATROPHY. Neurology 20(4):409-410, 1970 Apr.
12. Hooshmand H., and Suter, C.G.: REDUCTION OF CSF PRESSURE BY CHEMOTHERAPY COMPARATIVE STUDY: Neurology 20(4):419, 1970. April
13. Hooshmand, H., Houff, S., and Quin, J.: CEREBROSPINAL FLUID PRESSURE CHANGES WITH CHEMOTHERAPY FOR INTRACEREBRAL HEMORRHAGE. Neurology 22:56-59, 1972.
14. Hooshmand, H., Escobar, M.R., and Koph, S.W.: NEUROSYPHILIS-A STUDY OF 241 PATIENTS. JAMA 219, 6:726-729, 1972.

15. Hooshmand, H., Boykin, M.E., Vines, F.S., and Lee, H.M.: FIBROMUSCULAR DYSPLASIA OF THE EXTRACRANIAL INTERNAL CAROTID ARTERIES ASSOCIATED WITH AN ULCERATIVE PLAQUE. *Stroke* 3, 1:67-70, 1972. Jan-Feb.
16. Hooshmand, H.: INTRACTABLE SEIZURES: TREATMENT WITH A NEW BENZODIAZEPINE. *Arch Neurol* 27:205-208, 1972. Sept.
17. Hooshmand, H.: DETERMINATION OF DEATH-PHYSICIAN'S PRIMARY RESPONSIBILITY. *VA Medication. Monthly* 99:1173-1174, 1972.
18. Hooshmand, H.: APNEIC SEIZURES, TREATMENT WITH ATROPINE. *Neurology*, 22:1217-1221, 1972. Dec.
19. Sarhaddi, S., Hooshmand, H.: PERSISTENCE OF FOCAL ARRHYTHMIC DELTA ACTIVITY IN NON-PROGRESSIVE CEREBRAL LESIONS. *Clinical EEG* 4:106-111, 1973.
20. Martinez, J., and Hooshmand, H.: ALCOHOLIC MYOPATHY. *J. Neurol Sciences* 20:245-252, 1973.
21. Hooshmand, H.: A NEW BENZODIAZEPINE ANTICONVULSANT IN INTRACTABLE SEIZURES. *Current Psychiatric Therapies*, 13:67-69, 1973.
22. Hooshmand, H.: TOXIC EFFECTS OF ANTICONVULSANTS: GEN PRINCIPLES *Pediatrics*, 53:551-557, 1974. April.
23. Hooshmand, H., Sepdham, T., Vries, J.: KLUVER-BUCY SYNDROME, SUCCESSFUL TREATMENT WITH CARBAMAZEPINE. *JAMA*, Vol 229, no.13, September 23, 1974.
24. Hooshmand, H., Vines, F.S., Lee, H.M., and Grindal, A.: AUROSIS FUGAX, DIAGNOSTIC AND THERAPEUTIC ASPECTS. *Stroke*, Vol 5 Sept-Oct 1974.
25. Hooshmand, H.: EEG CHANGES IN PSEUDOTUMOR CEREBRI. *Clin EEG*, Vol 5, No 3, pgs 125-127, Oct 17, 1974.
26. Martinez, A.J., Hooshmand, H., Indolos, Mendoza, G., and Winston, Y.E.: FATAL POLYMYOSITIS: MORPHOGENESIS AND ULTRASTRUCTURAL FEATURES. *ACTA Neuropath* 29, 251-262, 1974.
27. Hooshmand, H.: ADVANCES IN THE MEDICAL AND SURGICAL MANAGEMENT OF INTRACTABLE PARTIAL COMPLEX SEIZURES. *MCV Quarterly* 10(4) 208-219, 1974.
28. Hooshmand, H.: SERUM LACTATE DEHYDROGENASE ISOENZYMES IN NEUROMUSCULAR DISEASE. *Diseases of the Nervous System: Vol 13* 36, No 11, pgs 607-611, November 1975.
29. Hooshmand, H.: MANAGEMENT OF INTRACTABLE PARTIAL COMPLEX SEIZURES. *Clinical Electroencephalography*. Vol 6, No 3. pgs 116-125, 1975.30.  
Hooshmand, H. Sarhaddi, S.: HYPOTHYROIDISM IN ADULTS AND CHILDREN EEG FINDINGS. *Clin Electroencephalography*. Vol 6, No 2, pgs 61-67, 1975.

31. Hooshmand, H., and Oliver, F.E.: CLONAZEPAM IN THE TREATMENT OF PHOTIC SENSITIVE EPILEPSY. Clin Electroencephalography. Vol 6, No 4, pgs 170-177, 1975.
32. Hooshmand, H.: SEIZURE DISORDER ASSOCIATED WITH NEUROSYPHILIS Diseases of the Nervous System, March 1976, pgs 133-136.
33. Hooshmand, H. and Sepdham, T.: EEG FINDINGS IN SPONTANEOUS SUBARACHNOID HEMORRHAGE. Clin Electroencephalography, Vol 7, No 2, pgs 95-100, 1976.
34. Hooshmand, H.: A LOOK AT THE EEG REPORT. Clin Electroencephalography, Vol 9, no 3, 1978.
35. Hooshmand, H, Maloney, M.: THE ROLE OF EEG IN THE EMERGENCY ROOM. Clin Electroencephalography, Oct 1980. 11(4):163-168.
36. Hooshmand, H., Morganroth, R., Corredor, C.: SIGNIFICANCE OF FOCAL AND LATERALIZED BETA ACTIVITY IN THE EEG. Clinical electroencephalography, Vol II, No 3, 1980.
37. Hooshmand, H.: THE CLINICAL SIGNIFICANCE OF FRONTAL INTERMITTENT RHYTHMIC DELTA ACTIVITY (FIRDA). Clinical Electroencephalography, Vol 14, no 3, 135-137, July 1983.
38. Hooshmand, H., and Radfar, F.: IV ACTH AS AN ADJUNCT IN NARCOTIC DETOXIFICATION. Neurology, Vol 37, No 3, supp 1, pg 239, March 1987.
39. Hooshmand, H., Director, K., Beckner, E., Radfar, F.: TOPOGRAPHIC BRAIN MAPPING IN HEAD INJURIES. Jour Clinical Neurophysiology 4(3): 228-229, 1987.
40. Hooshmand, H., Director, K., Beckner, E., Radfar R.: TECHNICAL ASPECTS OF TOPOGRAPHIC BRAIN MAPPING. Jour Clinical Neurophysiology 4(3):226-227, 1987.
41. Hooshmand, H., Radfar, F., Beckner E.: THE NEUROPHYSIOLOGICAL ASPECTS OF ELECTRICAL INJURIES. Clinical Electroencephalography vol 20, no 2, 1989.
42. Hooshmand, H., Radfar, F., Beckner, E.: TECHNICAL AND CLINICAL ASPECTS OF TOPOGRAPHIC BRAIN MAPPING. Clinical Electroencephalography, vol 20, no 4, Oct 1989.
43. Hooshmand, H: Is Thermal Imaging of Use in Pain Management? Pain Digest 8: 166-170, 1998.
44. Hooshmand. H., Hashmi, M: Complex Regional Pain Syndrome (Reflex Sympathetic Dystrophy Syndrome): Diagnosis and Therapy - A Review of 824 Patients. Pain Digest 9: 1-24, 1999.



45. Hooshmand, H., Hashmi, M., Phillips, E.M.: Infrared Thermal Imaging As A Tool In Pain Management- An 11 Year study", Part I of II, Thermology International Vol 11: no 2: 53-65, April 2001.
46. Hooshmand, H., Hashmi, M., Phillips, E.M.: Infrared Thermal Imaging As A Tool In Pain Management- An 11 Year study", Part II: Clinical Applications, Thermology International Vol 11: no 3: 119-129, August 2001.
47. Hooshmand, H., Hashmi, M., Phillips, E.M.: Venipuncture Complex Regional Pain Syndrome Type II. American Journal of Pain Management. Vol 11: no 4: 112-124, October 2001.
48. Hooshmand, H., Hashmi, M., Phillips, E.M.: Cryotherapy Can Cause Permanent Nerve Damage: A Case Report. American Journal of Pain Management. Vol 14; no.2: 63-70, April 2004.
49. Hooshmand H and Phillips EM: Complex Regional Pain Syndrome (CRPS) and Sympathectomy. Neurological Associates Pain Management Center, Vero Beach, Florida. [www.rsinfo.com](http://www.rsinfo.com) and [www.rsdrx.com](http://www.rsdrx.com) June 29, 2006.
50. Hooshmand H and Phillips EM: Complex Regional Pain Syndrome (CRPS) and Spinal Cord Stimulator (SCS). Neurological Associates Pain Management Center, Vero Beach, Florida. [www.rsinfo.com](http://www.rsinfo.com) and [www.rsdrx.com](http://www.rsdrx.com) Sept 15, 2009.
51. Hooshmand H and Phillips EM: Scintigraphic Triphasic Bone Scan as a Diagnostic Tool in Complex Regional Pain Syndrome (CRPS). Neurological Associates Pain Management Center, Vero Beach, Florida. [www.rsinfo.com](http://www.rsinfo.com) and [www.rsdrx.com](http://www.rsdrx.com) October 2, 2009.
52. Hooshmand H and Phillips E.M: Spine and the Autonomic Nervous System. Neurological Associates Pain Management Center, Vero Beach, Florida. [www.rsinfo.com](http://www.rsinfo.com) and [www.rsdrx.com](http://www.rsdrx.com) Oct 25, 2009.
53. Hooshmand H and Phillips EM: The Infusion Pump: Clinical Observation. Neurological Associates Pain Management Center, Vero Beach, Florida. [www.rsinfo.com](http://www.rsinfo.com) and [www.rsdrx.com](http://www.rsdrx.com) Dec 8, 2009.
54. Hooshmand H and Phillips EM: Spread of Complex Regional Pain Syndrome (CRPS). Neurological Associates Pain Management Center Vero Beach, Florida. [www.rsinfo.com](http://www.rsinfo.com) and [www.rsdrx.com](http://www.rsdrx.com) Dec 8, 2009.
55. Hooshmand H and Phillips EM: Movement Disorder in Peripheral Nerve Injuries. Neurological Associates Pain Management Center, Vero Beach, Florida. [www.rsinfo.com](http://www.rsinfo.com) and [www.rsdrx.com](http://www.rsdrx.com) Jan 4, 2010.
56. Hooshmand H and Phillips EM: The Four Principles of Addiction. Neurological Associates Pain Management Center Vero Beach, Florida. [www.rsinfo.com](http://www.rsinfo.com) and [www.rsdrx.com](http://www.rsdrx.com) Jan 4, 2010.

57.Hooshmand H and Phillips EM: The Management of Complex Regional Pain Syndrome (CRPS). Neurological Associates Pain Management Center, Vero Beach, Florida. [www.rsinfo.com](http://www.rsinfo.com) and [www.rsdrx.com](http://www.rsdrx.com) Jan 24, 2010.

58.Hooshmand H and Phillips EM: Various Complications of Complex Regional Pain Syndrome (CRPS). Neurological Associates Pain Management Center, Vero Beach, Florida. [www.rsinfo.com](http://www.rsinfo.com) and [www.rsdrx.com](http://www.rsdrx.com) Feb 16, 2016.

59.Phillips EM and Hooshmand H, (Retired): Methadone related deaths (MRD) among complex regional pain syndrome (CRPS) patients. Jan 29, 2017. [www.rsinfo.com](http://www.rsinfo.com) and [www.rsdrx.com](http://www.rsdrx.com)

60.Hooshmand H, (Retired) and Phillips EM: Medication in the management of complex regional pain syndrome (CRPS). Jun 8, 2017. [www.rsdrx.com](http://www.rsdrx.com) and [www.rsinfo.com](http://www.rsinfo.com)

61.Hooshmand H, (Retired) and Phillips EM: Epidural Nerve Blocks in the Treatment of Complex Regional Pain Syndrome (CRPS). Jul 7, 2017. [www.rsdrx.com](http://www.rsdrx.com) and [www.rsinfo.com](http://www.rsinfo.com)

62.Hooshmand H, (Retired) and Phillips EM: Hereditary aspects of complex regional pain syndrome (CRPS). Oct 20, 2017. [www.rsdrx.com](http://www.rsdrx.com) and [www.rsinfo.com](http://www.rsinfo.com)

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## **BOOKS AND/OR CHAPTERS**

1. Uihlein, A., and Hooshmand, H.: BRAIN TUMORS. Progress in Neurology and Psychiatry 21:418-430. 1966
2. Uihlein, A., and Hooshmand, H.: BRAIN TUMORS. Progress in Neurology and Psychiatry 22:347-358, 1967.
3. Hooshmand, H., and Uihlein, A.: BRAIN TUMORS. Progress in Neurology and Psychiatry 23:388-398, 1968.
4. Hooshmand, H.: NEUROSYPHILIS. International Textbook of Medicine. Ch 160, 1980.
5. Hooshmand, H., Braude: NEUROSYPHILIS. Medical Microbiology and Infectious Disease, 161, 1274-1280, 1981.

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## **TEXT BOOKS**

1. Hooshmand, H.: Chronic Pain Reflex Sympathetic Dystrophy: Prevention and Management. Published April, 1993, CRC Press, Boca Raton, Florida
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## **LANDMARK CONTRIBUTIONS**

1. First to use Klonopin for treatment of epilepsy in U.S. (1968-1973)
2. First to report beneficial effect of ACTH in stimulation of endorphines for treatment of chronic pain (1987)
3. First to standardize technical requirements of topographic brain mapping (1987 & 1989)
4. First to report the CNS damage of electrical injuries diagnosed by evoked potentials (1989)
5. First to recommend treatment of neurosyphilis with mega-doses (over 20 million u) Penicillin (1972): later adopted by World Health Organization: 1972
6. First to report mechanism of action of Decadron in treatment of increased intracranial pressure (1969)
7. First Textbook on Reflex Sympathetic Dystrophy (1993)

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## **ABSTRACTS**

1. Hooshmand, H., Houff, S., and Suter, C.: REDUCTION OF CSF PRESSURE BY CHEMOTHERAPY, *Neurology* 20:379, 1970.
2. Hooshmand, H.: A TEMPORAL STUDY OF ENZYMES, ISOZYMES, AND HISTOCHEMICAL CHANGES IN DUCHENNE'S DYSTROPHY AND NEUROGENIC ATROPHY. *Neurology* 20:409, 1970.
3. Boykin, M.E., and Hooshmand, H.: CSF AND SERUM FOLIC ACID AND EXHIBITIONISM EPILEPSY ABSTRACTS 3:119-120, June 1990.
4. Hooshmand, H., and Brawley, B.W.: TEMPORAL LOBE SEIZURES AND EXHIBITIONISM. *Epilepsy Abstracts* 3:119-120, June 1970.
5. Hooshmand, H., and Brawley, B.W.: TEMPORAL LOBE SEIZURES AND EXHIBITIONISM. *Excerpta Medica*: pg 1250, 1970.
6. Hooshmand, H., Dove J., and Suter C.: THE USE OF SERUM LDH ISOZYMES IN THE DIAGNOSIS OF MUSCLE DISEASE. *Yearbook of Pathology*, pg 320-304, 1970.
7. Hooshmand, H.: REDUCTION OF CSF PRESSURE BY CHEMOTHERAPY, A COMPARATIVE STUDY. *American Academy of Neurology*, Miami Beach, FL, April 30, 1970.

8. Hooshmand, H.: THE CHRONIC DELTA. American EEG Society, Washington, DC, September 18, 1970.
9. Hooshmand, H.: NEUROSYPHILIS. Southern Medical Association, Dallas, TX, November 17, 1970.
10. Hooshmand, H.: APNEIC SEIZURES, TREATMENT WITH ATROPINE. Southern EEG Society, Dallas, TX, November 15, 1970.
11. Hooshmand, H.: TRIAL OF A NEW ANTICONVULSANT FOR UNCONTROLLABLE MINOR MOTOR SEIZURES. American Epilepsy Society, New York City, December 3, 1970.
12. Hooshmand, H.: EEG CHANGES IN HYPOTHYROIDISM IN ADULTS AND CHILDREN. *Electroencephalography and Clinical Neurophysiology*, 30:466, 1971.
13. Hooshmand, H.: THE CHRONIC DELTA. *Electroencephalography and Clinical Neurophysiology* 30:467, 1971.
14. Rosenblum, W.I., Hooshmand, H., and Harbison, J.: MENINGOENCEPHALITIS AS A CAUSE OF FULMINANT DISEASE WITH FEATURES OF PROGRESSIVE SUPRANUCLEAR PALSY. *J. Neuropath and Exp. Neurol* 31, 1:57, January, 1972.
15. Hooshmand, H., Lee, H.M., and Shepp, C.: AMAUROSIS FUGAX UNILATERAL VERSUS BILATERAL. *Neurology* 22:405, 1972.
16. Hooshmand, H.: PSEUDOTUMOR CEREBRI: TREATMENT WITH DEXAMETHASONE. *Neurology* 22:451, 1972.
17. Martinez, A.J., Faris, A.A., and Hooshmand, H.: ACUTE AND CHRONIC ALCOHOLIC MYOPATHY. *Neurology* 22:454, 1972.
18. Hooshmand, H.: ON TAMING SEIZURES. *Emergency Medicine* 5:201, 1973.
19. Hooshmand, H.: TRIAL FOR A NEW ANTICONVULSANT FOR UNCONTROLLABLE MINOR MOTOR SEIZURES. *Epilepsia* 12:287, 1971.
20. Hooshmand, H., Becker, D.P.: INTRACTABLE SEIZURES. MEDICAL AND SURGICAL MANAGEMENT OF 43 PATIENTS. *Electroencephalography and Clinical neurophysiology* 34:773, 1973.
21. Hooshmand, H.: EEG IN NEUROSYPHILIS. *Electroencephalography and Clinical Neurophysiology* 35:411, 1973.
22. Hooshmand, H., Becker, D.: ABLATION THERAPY FOR AKINETIC SEIZURES (English) *Neurology (Minneap)* 23:438, 1973.
23. Hooshmand, H.: TEMPORAL LOBE SEIZURES AND EXHIBITIONISM (English) *Electroenceph Clin Neurophysiol* 27:550, 1969.

24. Hooshmand, H., Slater, J.S.: EEG AND CAT SCAN, *Electroencephalography & Clinical Neurophysiology* 49:72-78,1980.
25. Hooshmand, H., McNamara, M.: CT SCAN AND EEG. *Electroencephalography and Clinic Neurophysiology* 50:154, 1980.
26. Hooshmand, H.: REVERSIBLE DEMENTIAS DIAGNOSED AS ALZHEIMER'S DISEASE. American Academy of Neurology, New York City, April 1987.
27. Hooshmand, H., Petrilla, F.J., Radfar, F., and Beckner, E.: TOPOGRAPHIC BRAIN MAPPING MILD TO MODERATE HEAD INJURIES-AN OUTPATIENT STUDY. American Academy of Neurology, New York City, April 1987.
28. Hooshmand, H.: THE ROLE OF SEP IN MANAGEMENT OF CHRONIC PAIN. American Academy of Neurology, New York City, April 1987.
29. Hooshmand, H., and Suter, C.: REDUCTION OF CSF PRESSURE BY CHEMOTHERAPY: A COMPARATIVE STUDY, *Transactions of the American Neurological Association.* 95:335-336, 1970.
30. Hooshmand, H.: BRAIN STEM AUDITORY EVOKED RESPONSES IN PATIENTS SUFFERING FROM DIZZINESS. American Academy of Neurology, New York City, April 1987.
31. Hooshmand, H.: THE ROLE OF NERVE ROOT CONTUSION IN CHRONIC PAIN. American Academy of Neurology, New York City, April 1987.
32. Hooshmand, H., and Radfar, F.: IV ACTH AS AN ADJUNCT IN NARCOTIC DETOXIFICATION. American Academy of Neurology, New York City, April 1987.
33. Hooshmand, H.: THERMOGRAPHY IN MANAGEMENT OF SYMPATHETIC DYSTROPHY. American Academy of Neurology, New York City, April 1987.
34. Hooshmand H., Beckner, E., Maloney, M.: CREUTZFELDT-JAKOB DISEASE MIMICKING ALZHEIMER'S DISEASE. Southern EEG Society, San Antonio, TX, January 1987.
35. Hooshmand, H.: TRIGEMINAL NERVE SEP'S. Southern EEG Society, San Antonio, TX January 1987.
36. Hooshmand, H.: BRAIN MAPPING IN NEUROLOGIC DISEASE. Southern EEG Society, San Antonio, TX January 1987.
37. Hooshmand, H.: DIAGNOSTIC VALUE OF SEP IN CERVICAL LUMBAR SPINE INJURIES. Southern EEG Society, San Antonio, TX, January 1987.
38. Boykin, M.E., and Hooshmand, H.: CSF AND SERUM FOLIC ACID AND PROTEIN CHANGES WITH DIPHENYLEHDANTOIM. *Neurology* 20(4):403, 1970, Apr.
39. Hooshmand, H., Dove, J., and Suter, C.: THE USE OF SERUM IDL ISOENZYMES IN THE DIAGNOSIS OF MUSCLE DISEASE. *Neurology* 18(3) 307:8 1968, Mar.

40. Hooshmand, H., and Phillips, E.M.: The Role of Infrared Imaging (ITI) In The Diagnosis and Management of Headaches With Special Reference To Trigeminal System: A Meta - Analysis. *Thermology International*. Vol. 9 Number 3: page 114, July 1999.
41. Hooshmand, H., and Phillips, E.M.: The Role of Neuro- Inflammation In Thermal Regulation. *Thermology International*. Vol. 9 Number 3: page 114, July 1999.
42. Hooshmand, H.: The Role of ITI in Diagnosis and Management of Complex Regional Pain Syndrome (CRPS) Abstracts of the 5<sup>th</sup> International Congress of Thermology Vienna, Austria, April 2001.
43. Hooshmand, H., Hashmi, M., and Phillips, E.M.: Nerve Blocks for Neuropathic Pain. Abstracts of the 10th World Congress on Pain. San Diego, California, August 19, 2002. International Association for the Study of Pain (IASP Press) Page 208, Number 638-P272.

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## **SCIENTIFIC COURSES GIVEN**

1. EEG Seminar for Technicians, Holiday Inn, Vero Beach, FL 02/76
  2. EEG Seminar for Technicians, Holiday Inn, Vero Beach, FL 02/77
  3. EEG and Epilepsy Seminar for Technicians and Doctors, Holiday Inn, Vero Beach, FL 02/79
  4. Epilepsy Overview for Nurses and Doctors, Sheraton Regency, Vero Beach, FL 02/86
  5. Topographic Brain Mapping in Tourette Syndrome, St. Petersburg Hilton, St. Petersburg, FL 01/89
  6. Advances in Drug Addiction, Holiday Inn, Vero Beach, FL 08/90 (post graduate course)
  7. Faculty Lecture: "Controversies in Treatment of RSD, Jacksonville, FL 10/90
  8. Reflex Sympathetic Dystrophy: A National Course of Physicians, Hotel Royal Plaza, Orlando, FL 12/95, Co-Chairman H. Hooshmand, M.D., William Hobbins, M.D.
  9. Reflex Sympathetic Dystrophy (CRPS), An International Conference for Physicians and Health Care Providers, Radisson Resort Pkwy, Orlando, FL 11/97
  10. The 3<sup>rd</sup> International CRPS (RSD) Conference, CRPS (RSD) Diagnosis and Management Grosvenor Resort, Orlando, FL 12/2000
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## **SCIENTIFIC EXHIBITS**

1. Reduction of CSF Pressure by Chemotherapy, 1970.
2. Electroencephalography in Electrical Injuries: American Electroencephalography Society, 1986.
3. Topographic Brain Mapping in ADHD/Tourette's/Fetal Alcohol Syndrome: American EEG Society, October 1993.

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## **PUBLISHED CLINICAL STUDIES ON KLONOPIN**

1. Hooshmand, H.: TRIAL OF A NEW ANTICONVULSANT FOR UNCONTROLLABLE MINOR MOTOR SEIZURES. *Epilepsia* 12:287, 1971.
2. Hooshmand, H.: INTRACTABLE SEIZURES: TREATMENT WITH A NEW BENZODIAZEPINE ANTICONVULSANT. *Arch Neurol* 27:205-208, 1972.
3. Hooshmand, H.: A NEW BENZODIAZEPINE ANTICONVULSANT IN INTRACTABLE SEIZURES. *Current Psychiatric Therapy* 13:67-69, 1973.

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## **LECTURES GIVEN**

1. Lecture: EEG Seminar for Technicians, Vero Beach, FL 02/76
2. Lecture: EEG Seminar for Technicians, Vero Beach, FL 02/77
3. Lecture: EEG and Epilepsy Seminar for Technicians and Doctors, Vero Beach, FL 02/79
4. Lecture: EEG Society Annual Meeting, Toledo, OH 09/26/81
5. Lecture: Southern EEG Society Meeting, Orlando, FL 10/81
6. Lecture: Southern EEG Society Meeting, Williamsburg, VA 10/28/82
7. Lecture: Epilepsy Foundation Meeting, Ft. Pierce, FL 03/84
8. Lecture: Jackson Memorial Hospital, Miami, FL 08/84 Seizures and EEG
9. Lecture: American EEG Society Annual, Salt Lake City, UT 09/84 meeting
10. Lecture: WTTB Radio Station, Alzheimer's Disease, Vero Beach, FL 11/84

11. Lecture: Stroke Club Meeting, Vero Beach, FL 11/84
12. Lecture: Humana Hospital Nursing Staff, Sebastian, FL 01/85 Stress
13. Lecture: John's Island Club, Stress Vero Beach, FL 01/85
14. Lecture: WTTB Radio Station, Pain Vero Beach, FL 03/85
15. Lecture: WTTB Radio Station, Alcohol in all ages Vero Beach, FL 04/85
16. Lecture: Florida EEG Society Meeting Tampa, FL 04/27/85
17. Lecture: Comprehensive Pain Center, Daytona, FL 06/14/85
18. Lecture: Academy of Neuromuscular Thermography, Wyndham Hotel, Orlando, FL 09/26/86 Role of Thermography in Nerve Root Contusion and Thermography in the Diagnosis of Reflex Sympathetic Dystrophy
19. Lecture: Punta Gorda Medical Center, Punta Gorda, 11/21/86, Topographical Brain Mapping
20. Clinical Presentation: Neuro-Science, Milpitas, CA 01/23/87, Topographic Brain Mapping
21. Lecture: Presentation, "IV ACTH as adjunct in Narcotic Detoxification", American Academy of Neurology, New York, NY 04/08/87
22. Presentation: "Evoked Potentials" and Technical Aspects of Clinical Application of Brain Mapping", Southern EEG Society of EEG Technicians, Birmingham, AL 04/10/87
23. Lecture: Florida Society of EEG Technologist Annual Seminar, "Evoked Potentials and Brain Mapping," Ft. Lauderdale, FL 05/16/87
24. Lecture: American Assoc. of EEG Technologist Annual Meeting, "Technical Aspects of Topographic Brain Mapping" St. Louis, MO 09/18/87
25. Lecture: Epilepsy Overview Program, Vero Beach, FL 02/08/86
26. Lecture: 24th Annual Critical Care Medical Symposium Las Vegas, NV 02/27/86
27. Lecture: Florida EEG Society, Tampa, FL 04/25/86
28. Lecture: Current Topics in Functional and Anatomical Neuroimaging New Orleans, LA 04/26/86
29. Lecture: Seizure Disorder-Diagnosis and Treatment, Patrick AFB, 05/27/86
30. Lecture: 50th Anniversary of EEG, Rochester, MN 07/12/86



31. Lecture: Florida EEG Society, Palmetto Hosp. Hialeah, FL 09/13/86 Analytical Comparison of Brain Mapping, MRI, CT Scan
32. Lecture: Indian River Memorial Hospital, Vero Beach, FL 07/22/86 Nutrition as Prevention
33. Lecture: Florida Society of Electron Eurodiagnostic Technologists, "Clinical and Technical Aspects of Brain Mapping", West Palm Beach, FL 5/88
34. Lecture: Epilepsy Overview for Technicians, Nurses and Doctors, Vero Beach, FL 02/86
35. Lecture: Topographic Brain Mapping in Head Injuries St. Petersburg, FL 01/89
36. Lecture: M.S. Society, Melbourne, FL 06/89
37. Lecture: M.S. Society, Stuart, FL 06/12/89
38. Lecture: Alcohol Group, Stuart, FL 06/28/89
39. Lecture: Regarding Body and Mind Indian River Mental Health Center 06/16/89
40. Lecture: Brain and Mind-The Alliance for the Mentally IL, Ft. Pierce, FL 10/02/89
41. Lecture: Child Abuse-Exchange Club of Sebastian, Sebastian, FL 11/08/89
42. Lecture: Sympathetic Dystrophy San Francisco, CA 03/03/90
43. Lecture: MADD Group, Vero Beach, FL 03/06/90
44. Lecture: EEG Seminar for Doctors and Technicians Ashville, NC 03/20/90 Topographic Brain Mapping in Tourette Syndrome
45. Lecture: Alzheimer & Parkinson Group, Vero Beach, FL 04/02/90
46. Lecture: EEG Seminar for Doctors and Technicians Orlando, FL 05/04/90 Florida EEG Society
47. Lecture: Neurophysiological Test in the diagnosis of Vertigo, Ashville, NC 03/20/90
48. Lecture: Outreach Alcohol Program-Problems of Alcohol and Drug Abuse in the Elderly, Columbus, OH 06/15/90
49. Lecture: Post Graduate Course Sponsored by New Horizons "Recent advances in Research in Drug Abuse" Vero Beach, FL 09/18/90
50. Lecture: Alzheimer Support Group Vero Beach, FL 10/90
51. Lecture: Thermography Seminar, Vero Beach, FL 10/90
52. Lecture: Faculty "Controversies in Treatment of RSD", Jacksonville, FL 10/90

53. Lecture: Space Coast MS Group: Palm Bay, FL 10/90 "Advances in Management of MS"
54. Lecture: Parkinson Support Group, Vero Beach, FL 11/90
55. Lecture: Thermography and RSD American Academy of Medical Infrared Imaging Dallas, TX 03/05/91
56. Lecture: IRCC-Fetal Alcohol Syndrome Ft. Pierce, FL 06/02/91
57. Lecture: MS Society, Sarasota, FL 08/11/92
58. Lecture: Medical Staff at New Horizons, Ft. Pierce, FL 08/18/92 Neurologic and Psychiatric Aspects of Post Traumatic Epilepsy.
59. Lecture: International Thermography Society, Orlando, FL 10/03/92 Attended: course on Spinal MRI Interpretation, Jacksonville, FL 11/14-11/15/92 Didactic and practical course on Botox treatment.
60. Lecture: Southern EEG Society, Las Vegas, NV, Brain Mapping in Head Injuries 02/11/93
61. Lecture: IRCC Neurological Emergencies, Ft. Pierce, FL 02/26/93
62. Lecture: Open Lecture Regarding Multiple Sclerosis. Community Church of Vero Beach 03/30/93
63. Lecture: American Association of Infrared Thermography Orlando, FL. RSD and Thermography 04/14/93 & 04/15/93 Two lectures: Lightning Strike/Electric Shock, National Meeting Days Inn Waynesville, N.C.
64. Lecture: Neurologic Complications of Electrical Injuries 05/13/93 & 05/14/93
65. Lectures: Neurological Symposiums of Southern EEG Society, Ashville, NC 05/16/93
66. Lecture: Florida Society of EEG Technologists, Tampa, FL. Clinical Application of Evoked Potentials 06/17/93
67. Lecture: AM EEG Society, New Orleans, LA Paper presented. ADHP/Tourette's Syndrome Fetal Alcohol Syndrome 10/08/93
68. Lecture: International Thermographic Society RSD Atlantic City, NJ 10/22/93
69. Lecture: American Academy of Pain Management/AM Academy of Medical Infrared Imaging Treatment of RSD, Knoxville, TN 10/15/93
70. Lecture: RSD Support Ft. Lauderdale, FL 08/16/93
71. Lecture: MS Support Group, Patient. St. Lucie, FL 11/02/93

72. Lecture: MS Support Group, 01/14/94
73. Lecture: MS meeting, Delray Community Hospital, Delray, FL 01/19/94
74. Lecture: American Academy of Head, Neck, and Facial Surgeons 01/21/94
75. Lecture: Chronic Pain Support Group, Richmond, VA 02/10/94-02/11/94
76. Lecture: Department of Anesthesiology Medical College of Virginia, Richmond, VA 02/19/94
77. Lecture: Yale University Center for Pain Management, RSD 03/31/94-04/04/94
78. Lecture: Wellington Hospital RSD Support Group, Wellington, FL 04/11/94
79. Lecture: RSD Support Group, Miami, FL 04/12/94
80. Lecture: Comprehensive Rehabilitation Consultants RSD, Miami, FL 04/19/94
81. Lecture: Washington DC, RSD and Prolotherapy 04/28/94-05/24/94
82. Lecture: RSD Meeting, Orlando, FL 01/31/94 1-hour
83. Lecture: Electrical Injury Meeting, Maggie Valley, NC 05/13/94 & 05/14/94
84. Lecture: San Francisco Bay Area RSD Support Group RSD (lecture) 05/07/94  
Cupertino, CA
85. Lecture: St. Peter Hospital Pain Management Center RSD course (taught) 06/10/94  
Olympia, WA
86. Lecture: RSD Southeastern Michigan RSDS Support Group, 10/10/94 Ann Arbor, MI
87. Lecture: RSD Michigan Pain Institute, 10/11/94 Ann Arbor, MI
88. Lecture: Alzheimer's Disease, Florida Nurses Association, 11/05/94, Vero Beach, FL
89. Lecture: Overview of RSD Treatment 1994 RSDS Association of California, RSD  
Awareness Convention, 12/03/94 Los Angeles, CA
90. Lecture on RSD: RSD Support Group Association of the Southeast, 03/07/95  
Dade County, FL
91. Lecture on RSD, Muskegon Michigan RSD Group, Grand Rapids, MI 03/13/95
92. Lecture: Electrical Injuries, Southern EEG Society Meeting, 03/16/95 San Antonio,  
TX
93. Lecture: RSD, RSD Support Group Association of Southeast, 03/27/95 Miami, Dade  
County, FL

94. Lecture: Pain Management, Helga's in Stuart, FL for Bristol Myers-Squibb 04/15/95
95. Lecture: Florida Association of Lightning Strike and Shock Victims, International, Ft. DeSoto Park, St. Petersburg, FL 04/22/95
96. Lecture: RSD South Florida RSD Group, Margate, FL 04/24/95
97. Lecture: Update in Pain Management Seminar, New Orleans, LA School of Medicine, University of Louisville, 04/27-04/30/95.
98. Lecture: Multiple Sclerosis, Florida Gulf Coast Chapter, Sarasota, FL 05/16/95.
99. Lecture: Multiple Sclerosis, Stuart MS Group Martin Memorial Hospital, Stuart, FL 06/13/95
100. Lecture: RSD, Pennsylvania RSD symposium, Shamokin Dam, PA 05/18/95
101. Lecture: What is Electrical Injury, Lightning Strike and Electric Shock Victims International Annual Meeting, Gettysburg, PA 06/15/95
102. Lecture: Management of Complex Pain, Bristol Myers-Squibb, Baci Restaurant, Vero Beach, FL 06/23/95
103. Lecture: Mechanism of Development of RSD Lecture: RSD-The Do's and Don'ts. Indiana Chapter of RSD Support Group, South Bend Marriott, South Bend, IN 09/09/95 & 09/10/95
104. Lecture: RSD Supporting Friends and Patients of Reflex Sympathetic Dystrophy. Good Samaritan Medical Center, Stoughton, MA 09/23/95
105. Lecture: RSD South Florida RSD Support Group, Margate, FL 09/25/95
106. Lecture: Alzheimer's Disease, Alzheimer's/Parkinson Support Group of Indian River County Community Church Fellowship Hall, Vero Beach, FL 10/02/95
107. Lecture: RSD, University Community Hospital Lecture for Physicians, Care givers, and Patients, Tampa, FL 10/14/95
108. Lecture: RSD, Reflex Sympathetic Dystrophy Syndrome Association: North Central Jersey Chapter, Lecture for physicians, Care givers, and Patients. Wayne, NJ 11/04/95
109. Lecture: Electrical Injuries Lecture: RSD, AAMII 1995 Annual Meeting Winter Medical Conference Lecture to Physicians, Lecture to Patients. Hotel Royal Plaza, Lake Buena Vista, FL 12/02/95
110. Lecture: Spine and the Autonomic Nervous System, Florida Pain Society, Buena Vista Palace Hotel, Lake Buena Vista, FL 02/10/96
111. Lecture: RSD Southwestern PA RSD Support Group, Monroeville, PA 03/17/96
112. Lecture: RSD Oakland Children's Hospital, Oakland, CA 03/29/96

113. Lecture on RSD: RSD Bay Area Group-El Camino Hospital, Mountain View, CA 03/30/96
114. Lecture: Multiple Sclerosis, Stuart, MS Group, Martin Memorial Hospital, Stuart, FL 05/10/96
115. Lecture: Role of Anticonvulsants in Pain Management. Parke-Davis Consultants Conference of Neuropathic Pain Syndromes St. Petersburg, FL 05/18/96
116. Lecture: Reflex Sympathetic Dystrophy, Supporting Friends and Patients of Reflex Sympathetic Dystrophy Brockton, MA 06/21/96
117. Lecture: Reflex Sympathetic Dystrophy, Canadian RSD Network, Courtenay, BC, Canada 07/19-07/20/96
118. Lecture: Alzheimer's: Reflex Sympathetic Dystrophy, Alzheimer/Parkinson's Support Group of Indian River county, Community Church, Vero Beach, FL 08/05/96
119. Lecture: Reflex Sympathetic Dystrophy, South Bend Indiana RSD Symposium. The Works Hotel South Bend, IN 09/07-09/08/96
120. Lecture: Reflex Sympathetic Dystrophy, Premier Surgery Center-Dr. Ximenez, Austin, TX 09/13/96
121. Lecture: Reflex Sympathetic Dystrophy Radisson Hotel, San Bernardino, CA. The Workers Compensation Forum and Inland Health Dynamics 09/20/96
122. Lecture: Thermography and Pain, American Academy of Medical Infrared Imaging Washington, DC Hilton and Towers 09/25/96
123. Lecture: Reflex Sympathetic Dystrophy, Auburn Cherryfield Inn, Auburn, ME Arthritis Foundation of Maine 10/26/96
124. Lecture: Electrical Injuries, Lake Wales, FL 11/02/96 Florida LSESVI
125. Lecture: Role of Thermography and Diagnosis of RSD, International Thermographic Society Paradise Island, Bahamas 11/16/96
126. Lecture: Role of Thermography and Diagnosis of Electrical Injury. International Thermographic Society. Paradise Island, Bahamas 11/16/96
127. Lecture: Reflex Sympathetic Dystrophy, Florida Academy of Pain Medicine. Sanibel Harbor, FL 02/01/97 - 02/02/97
128. Lecture: Multiple Sclerosis, Stuart MS Group Martin Memorial Hospital Stuart, FL 02/11/97

129. Lecture: Reflex Sympathetic Dystrophy, Supporting Friends and Patients of Reflex Sympathetic Dystrophy Brockton, MA 05/16/97
130. Lecture: The Role of Human Natural Plasticity and Diet in Combating Stress and Pain International and American Association of Clinical Nutritionists, Orlando, FL 08/29/97
131. Lecture: Introduction to Infrared Imaging in Chronic Regional Pain Syndromes. American Academy of Medical Infrared Imaging. Las Vegas, NV 09/16/97
132. Lecture: Reflex Sympathetic Dystrophy, RSD Hope Group, Second Annual Chronic Pain Seminar. Portland, ME 10/04/97
133. Lecture: The Role of Infrared Thermography in Diagnosis and Management of Pain. 19th Annual International Conference of IEEE Engineering in medical and Biology Society 11/01/97
134. Lecture: Diagnosis of Reflex Sympathetic Dystrophy: Late Stage Treatment of RSD International RSD Conference, Radisson Resort Pkwy, Orlando, FL 11/07/97 - 11/09/97
135. Lecture: Limitations of Infrared Thermology Infrared Thermology in CRPS. American Academy of Thermology, Pier 66 Hotel, Ft. Lauderdale, FL 05/28/98/- 05/30/98.
136. Lecture: Alzheimer's/Parkinson's Support Group of Indian River. Community Church, Vero Beach, FL 06/01/98
137. Lecture: Diagnosis and Management of RSD. 3rd Annual Canadian RSD Conference. Chateau Grandville, Vancouver, BC Canada 07/18/98
138. Lecture: Fibromyalgia, RSD, and modes of therapy. Calgary, AB Canada 07/20/98
139. Lecture: Current state of the Art use of Infrared Imaging in Management of Complex Chronic Regional Pain Syndrome. American Academy of Medical Infrared Imaging. Atlanta Hilton, Atlanta, GA 09/09/98
140. Lecture: Indian River RSD Support Group. Vero Beach, FL 09/11/98
141. Lecture: SCRSDA Conference 98. Quality Hotel, Spartanburg, SC 09/26/98
142. Lecture: RSD Hope Group. 3rd Annual Chronic Pain Seminar Portland, ME 10/03/98
143. Lecture: RSD Rush University Pain Center, University of Chicago, Chicago, IL 03/19/99
144. Lecture: RSD Burlington Medical Center, Burlington, IA 04/17/99
145. Lecture: RSD, Current research, diagnosis, and management techniques. The Arthritis Foundation, Rochester, NY 05/21/99 - 05/22/99

146. Lecture: The role of infrared thermal imaging (ITI) in the diagnosis and management of headaches with special reference to trigeminovascular system: a meta-analysis. American Academy of Thermology 28th Annual Meeting, Ft. Lauderdale, FL 05/29/99
147. Lecture: Reflex Sympathetic Dystrophy in Children. 4th Annual Canadian RSD Conference Victoria, BC Canada 07/28/99 -7/31/99
148. Lecture: Reflex Sympathetic Dystrophy, South Bend Indiana RSD Symposium. The Works Hotel, South Bend, IN 08/07/99 - 08/08/99
149. Lecture: SCRSDA Conference 99. Quality Hotel, Spartanburg, SC 09/25/99
150. Lecture: RSD Hope Group. 4th Annual Chronic Pain Seminar Portland, ME 10/02/99
151. Lecture: Chronic Pain Reflex Sympathetic Dystrophy: Prevention and Management, The Dallas County Chiropractic Society, Dallas Spinal Rehabilitation Center, The Law Offices of Joseph H. Malley and The Plano R.S.D. Association. Parker College of Chiropractic, Dallas, TX 10/19/99
152. Lecture: Florida Academy of Pain Medicine Meeting, CRPS Diagnosis and Treatment. Pier 66 Hotel, Ft. Lauderdale, FL 6/9/2000 - 6/10/2000
153. Lecture: Diagnosis and Treatment of Reflex Sympathetic Dystrophy: University of Free Berlin, Berlin Germany 4/25/2000
154. Lecture: Reflex Sympathetic Dystrophy: RSDSA, Canadian RSD Network, and the RSD Association of Ontario. RSD International Conference 2000. Toronto Airport Marriott Hotel, Toronto, Canada. 07/27/2000 - 7/29/2000
155. Lecture: Management of Chronic Pain: People to People Ambassador Program: One of 12 Experts touring Universities in Moscow and St. Petersburg, Russia and Talin, Estonia 9/20/2000 -9/29/2000
156. Lecture: The role of EMG, NCV, and SSEP in the diagnosis and treatment of CRPS. RSD Hope Group. 5th Annual Chronic Pain Seminar Portland, ME 11/4/2000.
157. Lecture: Neurophysiological tests (EMG, NCV, SSEP) in the diagnosis and treatment of CRPS. Port Saint Lucie / Okeechobee County Medical Society. Club Med, Port Saint Lucie, FL 11/19/2000
158. Lecture: Diagnosis of CRPS/RSD and Late Stage Treatment of CRPS/RSD 3rd International RSD Conference, Grosvenor Resort Lake Buena Vista, FL 12/01/2000 - 12/02/2000
159. Lecture: Reflex Sympathetic Dystrophy: Central Florida RSD Support Group. Seminole County Public Library, Casselberry, FL 3/26/2001

160. Lecture: Reflex Sympathetic Dystrophy: RSDS-The Ark of Caring Angels Support Group for Chronic Pain and Nerve Disorders, The Center for Rural Development, Somerset, Kentucky 6/9/2001

161. Lecture: The Therapeutic Role of Thermography in Management of Pain: The 29<sup>th</sup> Annual Thermology Meeting, Auburn University, Auburn, Alabama, 6/22/2001

162. Lecture: Reflex Sympathetic Dystrophy, The Canadian Reflex Sympathetic Dystrophy Network, Comox B.C. Canada, 8/10/2001- 8/11/2001

163. Lecture: Reflex Sympathetic Dystrophy, Nerves on Fire, Central Baptist Hospital-Lexington, KY 11/17/01

164. Lecture: Reflex Sympathetic Dystrophy: RSDS-The Ark of Caring Angels Support Group for Chronic Pain and Nerve Disorders, Hazard, KY 6/28/2002

165. Lecture: Reflex Sympathetic Dystrophy - Annual Canadian RSD Conference, Canadian RSD Support Group. Vancouver, BC Canada 07/12/2002

166. Lecture: The role of Thermography in Pain Management. American Academy of Thermology International Meeting, Orlando, Florida 11/8/2002-11/9/2002.

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## **CME HOURS**

1. American Academy of Neurology, New York, NY, April 1993, 20-hours
2. Hans Burger EEG Course, Ashville, NC & Richmond, VA 05/16/93 4-hours
3. Seminar of Electro-neuro Diagnostic Tech, St. Petersburg Beach, FL June 1993 1-hour
4. Electric Shock Conference, September, 1993 Tampa, FL 7- hours
5. American Academy of PMR & American EEG Society, October, 1993 New Orleans, LA 8- hours
6. Journal Watch CME program 1993-1995 50-hours category 1 AMA/AAFP
7. American Academy of Pain Meeting October, 1993 Knoxville, TN 8-hours
8. International Thermographic Society Seminar October, 1993 Atlantic City, NJ 4-hours
9. American Pain Society Meeting November, 1993 Orlando, FL 20-hours
10. EEG Society Meeting February, 1993 Las Vegas, NV 4-hours
11. St. Peter Hospital Pain Management Center RSD course (taught) 06/10/94 Olympia, WA 4-hours CME credit category 1



12. Department of Anesthesiology, 1-hour CME credits category 1
13. Parke Davis Investigator Study Briefing 3/3/95-3/5/95 Atlanta, GA 4-hours CME credit
14. Southern EEG Society Meeting 3/16/95 San Antonio, TX 10-hours CME credit category 1
15. Update in Pain Management Seminar, New Orleans, Louisiana School of Medicine, University of Louisville 04/27-04/30/95 20-CME hours credit category 1
16. American Academy of Neurology, Annual Meeting Seattle, WA 05/06-05/09/95 9.5-hours CME credit category 1
17. Pain Treatment Survival for the Nineties, Occidental Grand Hotel, Atlanta, GA Southern Pain Society/Emory University School of Medicine 05/20-05/21/95 9-hours CME credit category 1
18. San Diego Radiology Research-Neuroradiology-Palm Beach, FL 01/29-02/02/96 25-hours CME credit category 1
19. Florida Academy of Pain Medicine-Lake Buena Vista, FL 02/09-02/11/96 9-hours credit category 1
20. American Academy of Pain Medicine 12th Annual Conference Lake Buena Vista, FL 02/16-02/18/96 10.5- hours CME credit category 1
21. American Academy of Neurology San Francisco, CA 03/29-03/30/96 11-hours CME credit category 1
22. Update in Pain Management Seminar, New Orleans, Louisiana School of Medicine, University of Louisville 04/26-04/28/96 10 hours CME credit category 1
23. Florida Academy of Pain Medicine Meeting, Sanibel Harbor, FL 02/01-02/02/97 8-CME hours credit category 1
24. Streetwise Risk Management Course, Medical Risk Management, Inc. The Medical Protective Company, Ft Wayne, IN 06/16/97 6 hours CME credit category 1
25. International and American Association of Clinical Nutritionists, Orlando, FL 08/29-08/31/97 9-hours CME credits
26. American Academy of Medical Infrared Imaging 09/17/97 Las Vegas, NV 3-hours CME credits
27. American Academy of Pain Management, 09/18-09/20/97 Las Vegas, NV 10-hours CME credits
28. Course on Domestic Violence 01/98 1-hour CME credit category 1
29. Course on HIV infection 01/98 1-hour CME credit category 1

30. The 13th annual San Diego Postgraduate Magnetic Resonance Imaging Course 03/01/98- 03/06/98 28- hours CME credit category 1
31. Medicare Changes and Patient Reimbursement 04/21/98 4.5-hours CME credit category 1
32. American Academy of Neurology, Minneapolis, MN 05/01/98-05/02/98 9.50-hours CME credit category 1
33. American Academy of Thermology, Pier 66 Hotel, Ft. Lauderdale, FL 05/28/98-05/30/98 15 hours CME credit category 1
34. American Academy of Medical Infrared Imaging. Atlanta Hilton, Atlanta, GA 09/09/98 3-hours CME credit category 1
35. Reflex Sympathetic Dystrophy, Current research, diagnosis, and management techniques. The Arthritis Foundation, Rochester, NY 05/21/99 -05/22/99 2-hours CME credit category 1
36. American Academy of Thermology 28th Annual Meeting, Pier 66 Hotel, Ft. Lauderdale, FL 05/28/99-05/30/99 8.5-hours CME credit category 1
37. Chronic Pain Reflex Sympathetic Dystrophy: Prevention and Management, The Dallas County Chiropractic Society, Dallas Spinal Rehabilitation Center, The Law Offices of Joseph H. Malley and The Plano R.S.D. Association. Parker College of Chiropractic, Dallas, TX 10/19/99 2 hours CME credit category 1
38. Course on Domestic Violence 01/31/2000 1-hour CME credit category 1
39. Course on HIV infection 01/31/2000 1-hour CME credit category 1
40. Florida Academy of Pain Medicine Meeting, Pier 66 Hotel, Ft. Lauderdale, FL 6/9/2000 - 6/10/2000 14 CME hours category 1
41. The Neuropathic Pain Research Institute - 3rd International RSD Conference: Diagnosis of CRPS/RSD and Late Stage Treatment of CRPS/RSD Grosvenor Resort Lake Buena Vista, FL 12/01/2000 - 12/02/2000 10 CME hours credit category 1
42. The 29<sup>th</sup> Annual Thermology Meeting- Auburn University College- Auburn, Alabama 6/22/2001-6/24/2001 9-hours CME credit category 1
43. CME Resources, Course on Domestic Violence 09/18/2001 1-hour CME credit category 1
44. CME Resources, Course of HIV/AIDS 09/18/2001 2- hours CME credit category 1
45. Clinical Autonomic Quantitation Workshop-Mayo Clinic- Jacksonville, FL 11/2/2001 6.5- hours CME credit category 1

46. Reflex Sympathetic Dystrophy, Nerves on Fire, Central Baptist Hospital- Lexington, KY 11/17/01 1-hour CME Category 1
  47. American Academy of Neurology Winter Conference, Ft. Lauderdale, FL 2/15/2002 - 2/17/2002 17.25 hours CME Category 1
  48. American Academy of Pain Management, China Pain Management Delegation, B. Eliot Cole, Leader 6/3/2002 - 6/8/2002 18.5 hours CME Category 1
  49. The 10<sup>th</sup> World Congress on Pain, International Association for the Study of Pain, San Diego, CA, 8/19/2002 10 hours CME Category 1
  50. The 23<sup>rd</sup> Annual Residents' Radiology Review Course, Hotel Del Coronado, San Diego, CA, 4/20/2003 - 4/25/2003 50 hours CME credit category 1
  51. Course on Medical Errors 12/22/2003 2 hours CME credit category 1
  52. Course on Aids and Florida Law 12/22/2003 1-hour CME credit category 1
  53. Course on Domestic Violence 12/22/2003 1-hour CME credit category 1
  54. The 18<sup>th</sup> Annual Scientific Meeting of the Iranian Medical Society, Temple Community Hospital, Los Angeles, CA, 3/13/2004 8 hours CME credit category 1
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