

## **CURRICULUM VITAE**

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### **PERSONAL DATA**

Date of Birth	July 6, 1937
Citizenship:	U.S.A.
Home Address:	4608 15 <sup>th</sup> Street Lubbock, Texas 79416
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**MEDICAL EDUCATION:**

1962 - 1963	The University of Liverpool Medical School, Liverpool, England - M.B., Ch.B. (Liverpool)
1962 - 1963	London Conjoint Board - MRCS, LRCP (London)
1962 - 1963	House Surgeon and House Physician at the Royal Southern Hospital, Liverpool, England
1963 - 1965	Assistant Resident in Anesthesiology, SUNY Upstate Medical Center, Syracuse, New York
1965 - 1966	Senior Resident in Anesthesiology, SUNY Upstate Medical Center, Syracuse, New York

**LICENSURE:**

1962 to Present	General Medical Council – UK	#0680578
1966 to Present	Texas	# E9343
1965 to 1980	Canada - Ontario	# 24641
1969 to Present	New York	# 105053
1963 to 1980	Great Britain	# 14556 <i>GMC Reference # 0680578 (11/09) (www.gmc-uk.org)</i>
1980 to 1985	Michigan	# 1085897
1991 to Present	New Mexico	# 91-113 NM Reference <a href="http://1nmmb.state.nm.us/">http://1nmmb.state.nm.us/</a>
NPI Number		#1871595124
ECFMG	Oct 1962	#33790

**CERTIFICATIONS:**

- 1965 The American College of Anesthesiologists
- 1969 The American Board of Anesthesiology
- 1993 Diplomat American College of Pain Medicine (DABPM)
- 1993 Certification of Continued Demonstration of Qualifications by examination, The American Board of Anesthesiology
- 1992 American Board of Anesthesiology Added Qualifications in Pain Management
- 2001 Fellow of Interventional Pain Practice (FIPP) by World Institute of Pain
- 2003 Subspecialty Certification in Pain Medicine by examination, The American Board of Anesthesiology
- 2003 Diplomat American Board of Interventional Pain Practice (DABIPP)

**Fellowship**

- 2001 (FIPP) *Fellow of Interventional Pain Practice certification* (offered by World Institute of Pain)
- 2003 (DABIPP) *Fellow and Diplomate American Board of Pain Practice* (offered by American Society of Interventional Pain Physicians)
- 1993 (DABPM) Diplomat American College of Pain Medicine
- 1988 American Neuromodulation Society – Fellowship Status

**HOSPITALS:**

**State University of New York (SUNY), Upstate Medical Center:**

1966 - 1970	Assistant Attending, Anesthesiology
1966 - 1977	Respiratory Consultant, Neurosurgical Head Injury Unit
1969 - 1977	Consultant, Veterans Administration Hospital
1970 - 1973	Member, Respiratory Therapy Advisory Committee
1970 - 1977	Associate Attending, Anesthesiology
1972 - 1977	Consultant, Chenago Memorial Hospital, Norwich, New York
1973 - 1977	Medical Director, Respiratory Therapy Service
1973 - 1977	Chairperson, Respiratory Therapy Advisory Committee
1973 - 1977	Member, Intensive Care Coordinating Committee

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1973 - 1977 Member, Intensive Care Unit Development Committee  
1974 - 1977 Consultant, Crouse-Irving Memorial Hospital  
1975 - 1977 Member, Emergency Room Committee

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**Department of Anesthesiology at SUNY, Upstate Medical Center:**

1966 - 1977 Member, Anesthesiology Service Group  
1973 - 1977 Treasurer, Anesthesiology Service Group  
1975 - 1977 In the absence of Department Chairman, acting as deputy

**Medical Students:**

**Local:**

1973 - 1977 In charge of Senior Elective Program in Anesthesiology  
1975 - 1977 In charge of First Year Cardiopulmonary Resuscitation Training  
1976 - 1977 In charge of Second Year Cardiopulmonary Resuscitation Training  
1976 - 1977 In charge of First Year Advanced Red Cross First Aid Course selection

**National:**

1973 - 1977 American Society of Anesthesiologists (ASA) Preceptorship Program - Local Coordinator

**New York State:**

1975 - 1977 New York State Society of Anesthesiologists' Postgraduate Assembly Chairman, Subcommittee on Medical Students

**SUNY, Upstate Medical Center  
School of Allied Health Professions**

**Respiratory Therapy School** - 2 year program, A.A. Degree

1968 - 1973 Associate Medical Director  
1973 - 1977 Medical Director

**Respiratory Therapy School** - 4 years Baccalaureate Program

1973 - 1977 Member, Promotion Committee  
1975 - 1977 Medical Director

**National Respiratory Therapy Functions:**

1969 - 1978 Oral Examiner of the American Registry of Respiratory Therapists  
1971 - 1972 On-Site Visiting Physician Member of Joint Review Committee, Inhalation Therapy for Accreditation (JRCITE)

**Medical School Functions:**

1966 - 1970 Assistant Professor, Department of Anesthesiology, SUNY, Upstate Medical Center  
1970 - 1977 Associate Professor, Department of Anesthesiology, SUNY, Upstate Medical Center  
1970 - 1977 Faculty Interviewer for Admission  
1974 - 1977 Member, Grades Committee  
1971 - 1972 Vice President of 5th District  
1972 - 1973 President, 5th District

**Committee Memberships:**

1971 - 1977 Assistant Editor, publication "Sphere"  
1971 - 1975 Respiratory Therapy-Acute Medicine  
1974 - 1977 Scientific Exhibits  
1974 - 1975 Medical Students  
1974 - 1977 Continuing Education  
1975 - 1977 Chairman, Subcommittee (PG) Medical Student Guests  
1975 - 1976 Alternate Delegate  
1971 - 1972 Alternate Delegate

**Lubbock General Hospital:**

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1978 - 1979 Member, ICU Committee  
1978 - 1982 Chairman, Operating Room Committee  
1978 - 2001 Member, Executive Committee of Lubbock General Hospital  
1978 - 2001 Member, Emergency Room Committee  
1978 - 2001 Medical Director, Respiratory Therapy Service  
1978 - 2001 Chief of Service, Department of Anesthesiology  
1978 - 2001 Director of Pain Institute  
1978 - 2001 Operating Room Committee

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**Texas Tech University Health Sciences Center (TTUHSC):**

**Department of Anesthesiology,**

1977 - 2001 Chairman, Department of Anesthesiology  
1977 - 2001 Member, Dean's Advisory Committee  
1977 - 1980 Member, Curriculum Council Committee  
1977 - 1982 Member, Executive Committee of TTUHSC Ambulatory  
Clinic Medical Staff  
1978 - Present Director Pain Services  
1980 - 1985 Chairman, Medical Practice Income Plan Committee  
1986 - 1987 Chairman, Tenure and Promotions Committee  
1987 - 1987 Chairman, Search Committee for Department of Neurology Chair  
1993 - 1994 Search Committee for Family Practice Chair  
1985 - 2001 Professional Liability Committee  
1993 - 1998 MD/Ph.D. Coordinating Committee  
1990 - Present Executive Committee  
1999 - Present Professor and Chairman Emeritus Department of Anesthesiology, C0-Director Pain Services

**Medical Students:**

**Local:**

1978 - 1980 In charge of Student Elective Program in Anesthesiology

**National:**

1978 - 1983 American Society of Anesthesiologists Preceptorship Program - Local Coordinator

**COURTESY STAFF POSITIONS:**

1977 - 1980 Consultant to Veterans Administration Hospital, Big Spring, Texas  
1978 - 1980 Courtesy Staff - West Texas Hospital, Lubbock  
1978 - 1980 Courtesy Staff - St. Mary of the Plains Hospital, Lubbock  
1978 - 2004 Courtesy Staff - R. E. Thomason, El Paso  
1983 - 1995 Courtesy Staff - South Park Medical Center, Lubbock  
1984 - 2000 Courtesy Staff - Methodist Hospital, Lubbock  
1995 - 2000 Courtesy Staff - St. Mary of the Plains SurgiCenter, Lubbock  
2000 - Present Active Staff - Covenant SurgiCenter, Ltd.  
2000 - 2006 Clinical Professor - The University of Texas Southwestern Medical School, Dallas, Texas  
2004 - 2006 Clinical Professor - Swiss Avenue Surg-Center, Dallas, Texas

**CONSULTANT/ADVISORY BOARD:**

1990-1995 University of Nevada School of Medicine, Department of Anesthesiology  
1992-Present Medical Advisory Board to the Pain Management Center of the Southwest Fort Worth, Texas  
1993-Present Texas State Board of Medical Examiners, Austin, Texas  
1993-Present Medtronic  
1993-Present ProHealth (Syntex) Advisory Board  
1990-Present Bristol Myers Distinguished Faculty  
1994-Present Pain Net, Inc. Advisory Board  
1992-Present Peer Reviewer: Conwall Incorporated, National Institute on Disability and Rehabilitation Research (NIDRR)  
1994-Present Roache Laboratories Speakers' Program  
1993-Present East-West International Pain Institute, Inc. International Advisory Board  
1993-Present The Center for Pain Management Advisory Board, Fort Worth, Texas

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October 1996 with	Consultant asked to testify for Texas Society of Anesthesiology re: dealing with problems surrounding denial by Medicare for payment for stellate ganglion neurolysis. Dallas, Texas.	6
October 1998	Guest Reviewer on Guest Editorial Board for journal <i>Regional Anesthesia/Pain Medicine</i> .	
October 1998	Peer reviewer for HealthSmart Preferred Care Utilization Management Program	
October 1995	Charter member World Institute of Pain	
2003-2005	Registrar, First Interventional Pain Practice WIP Examination, Budapest, Hungary	
2003-2005	Treasurer World Institute of Pain	
2005-2008	President World Institute of Pain	
1995 to Present	National Foundation of Pain	
2001 to Present	Executive Committee of American Society of Interventional Pain Physician	
2004 to 2009	Member, Literature Selection Technical Review Committee (LSTRC of the U.S. National Library of Medicine (appointment: 5 years)	

**EDITORIAL BOARDS:**

1975 to 1978	Correspondenti Stranieri for <i>La rivista italiana della Clinica Del Dolore</i>
1978 to 1990	Coordinator and Guest Editor for <i>TEXAS MEDICINE</i>
1992 to 1995	Guest Reviewer for <i>Regional Anesthesia</i> , a separate entity of the American Society of Regional Anesthesia
1993 - Present	<i>Regional Anesthesia</i>
1993 - Present	<i>Pain Digest</i>
1993 - Present	<i>Analgesia</i>
1994 - Present	<i>The Clinical Journal of Pain</i>
1996 - Present	<i>Current Review of Pain</i>
1996 – Present	<i>Pain Practice, Journal of WIP</i>
1998 – 2004	<i>Pain Physician</i> , Journal of American Society of Interventional Pain Physicians
2001 – Present	Pain Management Web Editorial Board

**FACULTY:**

1989 - 1991	Michigan Pain Society
1991 - Present	Dannemiller Memorial Educational Foundation
1991 – Present	World Institute of Pain
1993 - Present	Pain Net, Inc.
1994 - Present	Clinical Education Services, Inc.’

**SITE INSPECTOR:**

1992	Joint Review Committee for Respiratory Therapy Education Site Visit, Camino Community College District, Torrance, California
1993	Joint Review Committee for Respiratory Therapy Education Site Visit. South Carolina Technical College, Greenville, South Carolina.
1995	Joint Review Committee for Respiratory Therapy Education Site Visit. Respiratory Care Program, Stony Brook Health Sciences Center School of Health Technology and Management, Division of Diagnostic & Therapeutic Sciences, Long Island, New York.

**MEMBERSHIPS:**

- American Academy for Cerebral Palsy and Developmental Medicine (elected)
- American Academy of Neurological & Orthopaedic Surgeons (honorary )
- American Academy of Pain Medicine (AAPM)
  - Member, Committee on Medical Practice
- American Academy of Thermology
- American Association for Advancement of Science
- American Association of Medical Colleges (AAMC)
- American Association for Respiratory Care (AARC)
- American College of Pain Medicine (ACPM)
- American Medical Association
- American Neuromodulation Society - Fellowship Status 1998
- American Pain Society (APS)
- American Society of Regional Anesthesia

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1986 - 1987     Newsletter - Assistant Editor  
1992 - Guest Reviewer  
American Society of Anesthesiology  
1982 - 1983     Ad Hoc Committee on Refresher Course  
1985 - 1986     Scientific Exhibit Committee  
1988 - present   Scientific Exhibit Committee  
1991             Chairman  
1989             Invited Participant - Pain Panel on Intraoperative Techniques for Acute and  
                   Chronic Pain  
American Society of Interventional Pain Physicians - Life Member (ASIPP)  
American Society of Post Anesthesia Nurses  
American Thoracic Society  
Anesthesia Patient Safety Foundation  
American Society of Neurosurgical Anesthesia  
Association of University Anesthetists (elected)  
    1992 - Moderator, Annual Meeting, Redwood City, California  
College of American Pathologists (CAP)  
Council for Advancement and Support of Education (CASE)  
International Anesthesia Research Society  
International Association for the Study of Pain  
International Pain Foundation  
International Spinal Injection Society (ISIS)  
Lubbock-Crosby-Garza County Medical Society  
Lubbock Surgical Society  
National Association of Medical Directors of Respiratory Care  
National Pain Institute  
New York Academy of Sciences  
Panhandle District Medical Society  
North American Spine Society  
Reflex Sympathetic Dystrophy Syndrome Association  
    1988 - Professional Advisor - Haddenfield, New Jersey  
Sigma XI, National Research Honor Society (elected))  
Society for Ambulatory Anesthesia (SAMBA)  
Society for Education in Anesthesia  
Society of Academic Anesthesia Chairman, Inc.  
Society of Critical Care Medicine  
Society for Intravenous Anesthesia (SIVA)  
Society for Neuroleptanalgesia (SONLA)  
    1988 - Member, Board of Directors  
Society of Neurosurgical Anesthesia and Critical Care  
Society of Neurosurgical Anesthesia and Neurological Supportive Care  
Society for Obstetric Anesthesia and Perinatology  
Society of Cardiovascular Anesthesiologists  
Southern Pain Society  
Texas Medical Association  
    1991 -- Program Chairman  
Texas Cancer Pain Institute  
Texas Medical Foundation  
Texas Pain Society  
    1990 - President  
    1994 - Pain Management Specialty Coalition Task Force (TPA and TMA)  
Texas Society of Anesthesiologists  
    1978 - Member, Education Committee  
    1979 - 1981     Chairman, Education Committee and Scientific Program  
    1990 - 1992     Texas Society for Respiratory Therapy  
The Royal Society of Medicine (elected)  
World Institute of Pain  
    1991 – Founder  
    2001-2003 – Registrar of FIPP Examination  
    2003-2005 – Treasurer  
    2005 – 2008 - President

**INVITED PARTICIPATION:**

- 1989 Pain Panel on Intraoperative Techniques for Acute and Chronic Pain
- 1993 Neurosurgical Management of Pain Consensus Conference, Boston.
- 1993 3rd Franco-American Symposium on the Management of Pain Paris France.
- 1993 Workshop on the Diagnosis of Reflex Sympathetic Dystrophy with discussion eventually resulting in publication of a book, Diagnosis of RSD, to be published by IASP. Workshop held in conjunction with the Annual Meeting of the American Pain Society. Sponsored by The Cleveland Clinic Foundation, Michael Stanton-Hicks, Director, and Orlando, Florida.
- 1994 Bristol Myers Distinguished Faculty in Pain Management Conference, New Orleans, Louisiana.
- 1995 Bristol Myers Distinguished Faculty in Pain Management Conference, Washington, DC
- 1995 Closed workshop of physicians at Johns Hopkins Pain Treatment in Baltimore. Directed by James N. Campbell, M.D. and Mitchell J. Cohen, M.D. discussing Pain Treatment Practical and Conceptual Reappraisal. A proceedings textbook will be developed from the "think tank" discussion, debate, and reflection on the history, present, and future of pain medicine. Baltimore, Maryland, October, 1995.
- 1995 Closed Workshop to complete a current reappraisal of those conditions termed RSD and causalgia (CRPS Types I and II - new taxonomy). Proceeds will be published by the IASP Press. November, Beverly Hills, California
- 1997 Current Status of Intrathecal Therapy for Nonmalignant Pain: Clinical Realities and Economic Considerations. Invited participation in Non-Malignant Pain Management roundtable, January, Memphis, Tennessee
- 2004-2009 Member of Literature Selection Technical Review Committee (LSTRC) of the U.S. National Library of Medicine has three meetings annually in Washington DC for purposes of selecting medical publications to be placed in National Library of Medicine
- 2009 Consultant Physicians' Council for Responsible Reform. Strategy meeting with US Legislators: November 2009. Washington DC
- 1999 - Present - Texas Contractor Advisory Committee, meeting 4 times per year in Dallas
- 2009 Re-elected to second term as board member emeritus with ASIPP, following nomination and election by the membership, which is the largest USA organization of pain management specialists
- 2011 Invited consultant to Hylenex meeting with company executive and research staff discussing opinion and experience with Hylenex human recombinant product and results of the use of hyaluronidase in lysis of adhesions San Diego, California

**PUBLICATIONS:**

1. Evers W, Racz GB, Dobkin AB: Orahesive as a protection for the teeth during general anesthesia and endoscopy. CASJ 14:123-128, 1967.
2. Evers W, Racz GB, Dobkin AB: A study of plasma potassium and electrocardiographic changes after a single dose of succinylcholine. CASJ 16:273-281, 1969.
3. Evers W, Racz GB: Prevention and treatment of reactions to radiographic contrast media: its life-saving importance. Published by Wyeth Pharmaceuticals. 1969.
4. Thomas ET, Evers W, Racz GB: Post-infusion phlebitis. Anesth and Analg 49:150-59, 1970.
5. Evers W, Racz GB: The anesthesiologist's role in a modern cardiopulmonary resuscitation program in a teaching hospital. York State J Med 80:(15), 2003-2006, 1970.
6. Evers W, Racz GB, Bell EG: Survivance d'Erythrocytes apres usage clinique du mannitol (In vivo, en utilisant le radiosotope) E Preliminaire An Anesth Franc XI, 3 Juillet, Aout, 535-538, 19??.
7. Racz GB: Of dye and dying. Emerg Med Sept:89095, 1970.
8. Racz GB: Humidification in a semi-open system for infant anesthesia. Anesth Anal 50:995-1001, 1971.



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9. Racz GB: Tissue concentrations of antibiotic following oral doses of tetracycline phosphate complex. *Current Therapy Res* 13(8):553-557, 1971. 9
10. Evers W, Racz GB, and Bell EG: Red blood cell survival after mannitol infusion: a clinical study in human volunteers using CR<sup>51</sup>. *Can Anaesth Soc J* 18(6):631-651, 1971.
11. Racz GB: Management of respiratory problems in neurosurgical intensive care units. In: *Ventilators and Inhalation Therapy* AB Dobkin, Editor. Boston: Little, Brown, and Company. p. 209-220, 1972.
12. Evers W, Racz GB, AA Levy: The usage of plastic (Polypropylene) and glass syringes in blood gas analysis: a comparative study. *Anesth Analg* 51(1):92-97, 1972.
13. Evers W, Racz GB: Les complications de L+usage intraveineux de Ia succinylcholine: dangers, precautions. *Ann Anesth Franc XIII*, 4:529-533, 1972.
14. Racz GB: Fat Embolism-rationale for treatment. October, 1974.
15. Murray DG, Racz GB: Fat embolism syndrome (Respiratory Insufficiency Syndrome): A rationale for treatment. *J Bone and Joint* 56A(7):1339-1349, 1974.
16. Parker FB, Jr, GB Racz, Wax SD: The hemodynamics of experimental fat embolism and associated therapy. 65(4):54S-56S, 1974.
17. Evers W, Racz GB: Problems and mistakes in teaching cardiopulmonary resuscitation. *Anesth Rean Inten Terap* 6:103-108, 1974.
18. Evers W, Racz GB: Occupational hazards in anesthesiology: enzymatic, hematological and electrophoretic changes. *Anesth Rean Inten Terap*.
19. Racz GB: Pulmonary blood flow in normal and abnormal states. *Surg Clinics of N Amer* 54(5):967-977, 1974.
20. Racz GB: Now it's respiratory insufficiency syndrome. *Emerg Med* 155-159, May, 1975.
21. Evers W, Racz GB, Levy AA: Changes in plasma potassium and calcium levels and in the electrocardiogram after a single dose of succinylcholine preceded by D-tubocurarine. *CASJ* 23(4):383-394, 1976.
22. Gintautas J, Kraynack B, Thomas E, Racz GB: Effects on adenine nucleotides on lidocaine induced contractions in isolated arteries. *Proceedings of the Western Pharmacology Society* 23:299-300, 1980.
23. Kraynack B, Gintautas J, Kraynack L, Racz GB: Effect of naloxone on ketamine induced narcosis in rats. *Proceedings of the Western Pharmacology Society* 23:143-146, 1980.
24. Kraynack B, Gintautas J, Kraynack L, Racz GB: Adenosine triphosphate protection of global hypoxia in the mouse. *Proceedings of the Western Pharmacology Society* 23:295-297, 1980.
25. Kraynack B, Gintautas J, Kraynack L, Racz GB: Effects of adenine guanine and inosine nucleotides on procaine induced nerve blockade in vivo. *Proceedings of the Western Pharmacology Society* 23:130-144, 1980.
26. Gintautas J, Kraynack B, Racz GB: Responsiveness of isolated cerebral arteries to various pharmacologic agents to transmural electrical stimulation. *Proceedings of the Western Pharmacology Society* 23:63-67, 1980.
27. Kraynack B, Gintautas J, Racz GB: Antagonism of procaine conduction block by adenosine 5' triphosphate in vitro. *Proceedings of the Western Pharmacology Society* 23:429-432, 1980.
28. Gintautas J, Kraynack B, Havasi G, Hughston T, Thomas E, Dolan E, Racz GB: Response of

- isolated uterine arteries to local anesthetic agents. Proceedings of the Western Pharmacology Society 24:191-192, 1981. 10
29. Gintautas J, Kraynack B, Hughston T, Thomas E, Racz GB: Activation of coeruleospinal systems by nociceptive stimulus. Proceedings of the Western Pharmacology Society 24:303-304, 1981.
  30. Havasi G, Gintautas J, Warren PR, Havasi I, Thomas ET, Racz GB: Reversibility of diazepam overdose by physostigmine. Proceedings of the Western Pharmacology Society 24:109-112, 1981.
  31. Havasi I, Havasi G, Gintautas J, Kilaru N, Racz GB: Physostigmine, naloxone, narcotic and sedatives in patients recovering from general anesthesia. Proceedings of the Western Pharmacology Society 24:27-28, 1981.
  32. Lawson NW, Racz GB: What's News. Isoflurane (Forane) -- in search of the ideal anesthetic. Texas Medicine 77:36-37, 1981.
  33. Racz GB, Sabonghy M, Gintautas J, Kline WM: Intractable pain therapy using a new type of epidural catheter. JAMA 248:579-580, 1982.
  34. Racz GB: Improved vision modification for the Macintosh laryngoscope. Anesthesia 39:1249-1250, 1984.
  35. Racz GB, Heavner JE, Haynesworth R: Repeat epidural phenol injections in chronic pain and spasticity. In Lipton S and Miles J (eds): Persistent Pain Modern Methods of Treatment (VS), London: Grune and Stratton, pp. 157-179, 1985.
  36. Racz GB: Technical advance: A new epidural catheter. Persistent Pain-Modern Methods of Treatment (VS), S Lipton and J Miles (eds): London, Grune and Stratton 267-273, 1985.
  37. Racz GB, Haynesworth RF, Lipton S: Experiences with an improved epidural catheter. The Pain Clinic, 1985.
  38. Lewis R, Racz GB, Fabian G: Therapeutic approaches to reflex sympathetic dystrophy of the upper extremity. Clinical Issues in Regional Anesthesia 1:3 March, 1985.
  39. Racz GB, Allen FB: A new pressure-sensitive laryngoscope. Anesthesiology 62:3, 1985.
  40. Rosenberg PH, Heavner JE, Racz GB: Comparisons of lidocaine plus reserpine for intravenous regional anesthesia in volunteers. Reg Anesth 10:160-164, 1985.
  41. Haynesworth RF Jr, Heavner JE, Racz GB: Continuous brachial plexus blockade using an axillary catheter for treatment of accidental intra-arterial injections. Reg Anesth 10:187-190, 1985.
  42. Racz GB, McCarron RG, Talboys P: Percutaneous dorsal column stimulation for chronic pain control. Spine 14:1-4, 1989.
  43. Racz GB, Browne T, Lewis R: Peripheral nerve stimulator for treatment of nerve injury (causalgia) caused by electrical burns. Report of two cases. Texas Medicine 84:45-50, 1988.
  44. Rosenberg PH, Heavner JE, Kovach K, Pacinda M, Racz GB: Dural permeability to epinephrine, bupivacaine, lidocaine and phenol. In Wust HJ and Stanton-Hicks M (eds): New Aspects in Regional Anesthesia. Heidelberg, Verlay fur Medizin, pp. 130-137, 1988.
  45. Duncan KH, Lewis RC, Nordyke MD, Racz GB: Treatment of upper extremity reflex sympathetic dystrophy with joint stiffness using sympatholytic Bier blocks and manipulation. Orthopedics 11:6:883-886, 1988.
  46. Heavner JE and Racz GB: Gross and microscopic lesions produced by phenol neurolytic procedures. In Racz GB (ed): Techniques of Neurolysis. Boston, Kluwer Academic Publishers 27-32, 1989.

47. Racz GB, Holubec JT: Lysis of adhesions in the epidural space. In Racz GB (ed): Techniques of Neurolysis. Boston, Kluwer Academic Publishers 57-72, 1989. 11
48. Racz GB, Heavner JE, Singleton W, Carline M: Hypertonic saline and corticosteroid injected epidurally for pain control. In Racz GB (ed): Techniques of Neurolysis. Boston, Kluwer Academic Publishers 73-86, 1989.
49. Racz GB, Kline WA: Technical advance: New epidural adapter and epidural needle. In Racz GB (ed): Techniques of Neurolysis. Boston, Kluwer Academic Publishers, 95-98, 1989.
50. Racz GB, Holubec JT: Stellate ganglion phenol neurolysis. In Racz GB (ed): Techniques of Neurolysis. Boston, Kluwer Academic Publishers 133-144, 1989.
51. Heavner JE, Coates PW, Racz GB: Myelinated fibers of spinal cord blood vessels--sensory innervation. Acta Anatomica, 1989.
52. Heavner JE, Racz GB: Conduction block by lidocaine and bupivacaine: neonate and adult. In Tyler DC and EJ Krane EJ (eds): Advances in Pain Research and Therapy Vol 15, New York, Raven Press 181-186, 1990.
53. Racz GB, Lewis R Jr, Heavner JE, Scott J: Peripheral nerve stimulator implant for treatment of RSD. In Janig W and Boas RA (eds): Reflex Sympathetic Dystrophy M Stanton-Hicks. Boston, Kluwer Academic Publishers, 135-141, 1989.
54. Racz GB, Heavner JE, Haynesworth R: Repeat epidural phenol injections in chronic pain and spasticity. In Racz GB (ed): Techniques of Neurolysis. Boston, Kluwer Academic Publishers, 193-212, 1989.
55. Kao YJ, Racz GB: Loss of consciousness after emergence from anaesthesia. Anaesthesia 45:738-740, 1990.
56. Racz GB, Lewis R Jr, Heavner JE, Scott J: Peripheral nerve stimulator implant for treatment of causalgia. In Stanton-Hicks M (ed): Pain and the Sympathetic Nervous System. Boston, Kluwer Academic Publishers, 225-239, 1990.
57. Racz GB, Holubec J, Heavner JE: Lysis of adhesions in the epidural space. La Revista Italiana Per La Clinica Del Delore, June: 19-30, 1990.
58. Arter OE, Racz GB: Pain Management of the Oncologic Patient. Seminars in Surgical Oncology 6:162-172, 1990.
59. Racz GB, Heavner JE: Hypertonic saline and corticosteroid injected epidurally for pain control. La Revista Italiana Per La Clinica Del Delore, Vol 1, No 2, pp. 119-128, 1990.
60. Elenbas RM, Iacono CU, Koellner KJ, Pribble JP, Gratton M, Racz GB, Evans RP: Dose Effectiveness and Safety of Butorphanol in Acute Migraine Headache. Pharmacotherapy 11(1):56-63, 1990
61. Kao YJ, Zavisca FG, Tellez JM, Norton RG, Racz GB: Backache after extradural anaesthesia in the postpartum period: Dissection of thoracic aneurysm. British Journal of Anaesthesia. 67:335-338, 1991.
62. Racz GB, Noe C Colvin J, Heavner JE: Sympathetic nerve block, pelvic, hypogastric plexus block. In Raj JJ (ed.): Practical Management of Pain, Second Edition., 813- 817, 1992.
63. Racz GB, Lewis R, Laros G, Heavner JE: Electrical stimulation analgesia. In Raj JJ (ed.): Practical Management of Pain, Second Edition. 922-933, 1992.
64. Racz GB: Upper cervical lead placement for spinal cord stimulation using percutaneous leads. Technical concept paper for Medtronic. 1993.

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**POSTER PRESENTATIONS**

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22. Racz GB, Heavner J, Day M and Smith J. *Epiduroscopy and Lysis of Adhesions (Percutaneous Neuroplasty) in The AAPM Textbook of Pain Medicine* edited by Tim Deer. Springer Publisher. In Press July 2012.

**MOVIES:**

1. Racz GB, P Ikins, M Svie. 1972. 16mm movie. Pneumothorax recognition and treatment.

**VIDEOS:**

1. Racz GB, Colvin J: Use of dual purpose catheter and therapy for benign and malignant pain. Lubbock, TTUHSC Department of Anesthesiology, 1991.
2. Racz GB, Heavner, JE, et al. 1992: epidural space: identification of filling defects & lysis of adhesions in the treatment of chronic painful conditions. Lubbock, TTUHSC Department of Anesthesiology, 1992.
3. Racz GB, Colvin J: Spinal cord stimulation: use of dual purpose catheter and therapy for benign and malignant pain. Lubbock, TTUHSC Department of Anesthesiology, 1994.
4. Racz GB: OR Procedures, 11th Annual Pain Symposium, Lubbock, Texas, Texas Tech University Health Sciences Center 1994.
5. Racz GB: Lectures: Lysis of epidural adhesions update / neuroaugmentation. 11th Annual Pain Symposium, Lubbock, Texas, Texas Tech University Health Sciences Center 1994.
6. Racz GB, Diede JH, Dagher S, Heavner JE: A new technique for lumbar sympathectomy using radiofrequency thermal coagulation and somatic nerve block. Lubbock, TTUHSC Department of Anesthesiology 1995.
7. The 3-D Technique for Cervical Epidural Catheterization in Treating Cervical Pain. Premiered at American Society of Anesthesiology Annual Meeting, New Orleans, Louisiana
8. Racz GB, Hammer M, Diede J, Heavner J.: Double Epidural Catheter Technique for Pain Management. Premiered at American Society of Anesthesiology Annual Meeting, New Orleans, Louisiana.
9. Lectures and Procedures of 13th Annual Pain Symposium: Series of lectures and procedures on 18 tapes. Lubbock, Texas, Texas Tech University Health Sciences Center 1996.
10. Lectures and Procedures of 13th Annual Pain Symposium: Series of lectures and procedures on 11 tapes. Lubbock, Texas, Texas Tech University Health Sciences Center 1997.

**BOOKS:**

1. Philibin RJ, Israel, JS, GB Racz. 1976. Procedure manual for Respiratory Therapy Department. State University of New York, Upstate Medical Center.
2. Racz GB, et al, Eds. 1977. An Approach Respiratory Therapy. Pub. American Academy of Ophthalmology and Otolaryngology.
3. May WS, JE Heavner, D McWhorter, GB Racz. 1985. Capnography in the Operating Room. New York: Raven Press.
4. Racz GB, Editor Problems and Advances in Respiratory Therapy, International Anesthesiology Clinics, Vol. 24, No 1. . Boston: Little and Brown and Company. 1986.

5. Racz GB, Ed. Techniques of Neurolysis. 1989. Boston: Kluwer Academic Publishers.

**BOOK REVIEWS:**

1. Bradford DH and Perry GF, (eds): Chronic Pain Series, Vol. 4, No. 4, Philadelphia: J. B. Lippincott Company, 1990.
2. Racz GB (reviewer of): Hare BD and Fine PG, eds.: Problems in Anesthesia, Chronic Pain Series, J. B. Lippincott Co. 1990. Review in *Anesth Analg*. 4:4, 100-01, 1990.

**LETTERS:**

1. Racz GB. 1967. Correspondence. Evaluation of Mechanical Devices for Closed Cardiac Massage. *Anesth Analg* 46:206-210.
2. Racz GB, JE Heavner. 1986. Letter to the Editor. Epidural phenol neurolysis using daily needle placements. *Anesth Analg* 65:822-823.
3. Racz GB, JE Heavner. 1989. Letter to the Editor. A spinal nerve cuff electrode of peripheral nerve stimulation. *IEEE Transact Biomed Engin* 1989 Nov 36(11):1140-1.
5. Kao Y, Mian T, Kleinman S, Racz G. Hyperkalemia: a complication of warm heart surgery. *Can J. Anesth* 1993;40(1):67-70.
6. Invited review: Jiping He: Stimulation usage range for chronic pain management. Reviewed April 1994 for publication in *Analgesia*.
7. Racz GB and Heavner JE: Invited review of article: Devulder J, Bogaert L, Castille F, Moerman A, Rolly G: Relevance of epidurography and epidural adhesiolysis in chronic failed back surgery patients. *The Clinical Journal of Pain*, Raven Press, 11:151-3, New York, New York. 1995.

**EDITORIALS:**

1. Racz GB: 1972. Fee for Service. NYSSA, *Sphere*.
2. Racz GB: 1973. Replacement of volatile anesthetic agents from operating rooms. NYSSA, *Sphere*. November-December.
3. Racz GB: 1975. The future anesthesiologist. NYSSA, *Sphere*. January-February.
4. Racz GB: 1975. Education in anesthesiology. NYSSA. *Sphere*. March-April.

**GUEST REVIEWS/EDITORIAL BOARDS:**

1. 1993. Invited commentaries in *Multidisciplinary Pain Abstracts*: Response to steroid and duration of radicular pain as predictors of surgical outcome, p. 44; Continuous low dose 3-in-1 nerve blockade for postoperative pain relief after total knee replacement, p. 45; Comparison of plain with pH-adjusted bupivacaine with Hyaluronidase for peribulbar block, p. 47; Interscalene blocks for chronic upper extremity pain, p. 61. January-March 1993, *Pain Digest*. Vol. 3, No. 1, 1993.
2. 1993. Invited commentaries in *Multidisciplinary Pain Abstracts*: Continuous intercostal analgesia with 0.5% bupivacaine after thoracotomy: A randomized study, p. 212; The study of postoperative nausea and vomiting, p. 213; Postdural puncture headache after continuous spinal anesthesia with 18-gauge and 20-gauge needles, p. 214. *Pain Digest*. Vol. 3, No. 3, Summer 1993.
3. 1994. Invited commentaries in *Multidisciplinary Pain Abstracts*: Kline SC, Holder LE: Segmental reflex sympathetic dystrophy: clinical and scintigraphic criteria; Pollock FE, Koman A, Smith BP, et al: Patterns of microvascular responses associated with reflex sympathetic dystrophy of the hand and wrist; Hendler NH, Kozikowski JG: Overlooked physical diagnoses in chronic pain patients involved in litigation. Reviewed April 1994. Reviewed March 1994 for publication in *Pain Digest*.
4. 1995. Invited review for Clinical Notes - *Pain*: Richardson J: Facilitation of spinal cord stimulator implantation with epidural analgesia.
5. 1999. Editorial Board of *Pain Physician*.

**ABSTRACTS:**

1. Heavner JE, GB Racz. 1984. Dural Permeability to Phenol. Abs. *World Fed Soc of Anaesth* A228.
2. Racz GB, JE Heavner, DK Beech, M Hildebrand. 1984. Repeat peridural injections of phenol for pain and spasticity therapy in nonterminal as well as terminal patients. 8th World Congress. Book of

- Abstract I 153. 22
3. Heavner JE, P Coates, PH Rosenberg, GB Racz, K Barron. 1986. Inhibition of MAO A and MASO B activity by tetracaine vs. a tetracaine homologue. Abs 62nd Annual Meeting. SWARM Division. AAAS :28.
  4. Heavner JE, PH Rosenberg, GB Racz, K Barron. 1986. Local anesthetic inhibitory action against monamine oxidase may play a role in spinal anesthesia. Abs 4th Cong of European Soc of Reg. Anaes.
  5. Pacinda M, JE Heavner, GB Racz. 1986. Optimal resting tension of canine anterior spinal artery rings for in vitro pharmacology studies. Abs 62nd Annual Meeting. SWARM Division AAAS 28.
  6. Barron K, JE Heavner, GB Racz. 1986. Inhibition of MAO A and B activity by tetracaine vs. a tetracaine homologue. Abs 62nd Annual Meeting. SWARM Division AAAS :28.
  7. Heavner JE, PH Rosenberg, GB Racz, A Alila, M Cason. 1986. Local anesthetic facilitation of local anesthetic passage through the dura. Abs Annual Meeting Am Soc Reg Anesth :44.
  8. Heavner JE, P Coates, GB Racz. 1986. Blood vessels of the spinal cord are innervated by myelinated and unmyelinated fibers. Abs 16th Annual Meeting Soc Neurosci 143:16.
  9. Heavner JE, GB Racz, W Singleton, M Carline. 1987. Epidural injection of hypertonic and corticosteroid for pain control. Pain Suppl 4:256.
  10. Heavner JE, K Barton, GB Racz, PH Rosenberg. 1987. Inhibition of MAO A and MAI B activity by tetracaine vs. a tetracaine homologue. V-MAC Vet Surgery 16:321.
  11. Heavner JE, K Koellner, CU Iacono, J Holubec, GB Racz. 1987. Plasma catecholamine levels during acute migraine attacks. Abs 6th Int'l Cat
  12. Heavner JE, M Allon, GB Racz. 1988. Urinary bladder distension in anesthetized rats: a source of cardiac arrhythmias and other CV changes. Anesthesiology 69:A1 17.
  13. McCarron RF, GB Racz, P Talboys: Percutaneous dorsal column stimulation for chronic pain control. North American Spine Society. #12 (#1:134), 1988.
  14. Racz GB, O Arter, C Noe, JE Heavner: Diagnostic and neurolytic hypogastric plexus blockade for pelvic pain. Abs NYPGA , 293: 1989.
  15. Racz GB, J Colvin, JE Heavner. 1990. Spinal cord stimulation: use of a dual purpose catheter in screening and therapy for benign and malignant pain. Abs NYPGA: 279
  16. Racz GB, JE Heavner. 1991. AristocortR and Depo-MedrolR passage through a 0.2 u filter. Abs Reg Anesth 15:25.
  17. Schaub LP, GB Racz, JE Heavner, J Colvin, JM Badgwell. 1990. Use of peripheral nerve stimulation in pediatric patients with neuropathic pain (reflex sympathetic dystrophy, causalgia). Abs 2nd Intl Symp Ped Pain. 6:95, April 1991.
  18. Kao, YJ, Tan Mian, Sam Kleinman, GB Racz. 1993. Hyperkalaemia: a complication of warm heart surgery. Abs. Canadian Journal of Anesthesia: 67-70.
  19. Arthur J, Racz GB, Heinrich R, Diede JH, McCann M, Wilson E, Heavner J C., Noe C: Epidural Space: Identification of Filling Defects and Lysis of Adhesions in the Treatment of Chronic Painful Conditions. International Association for the Study of Pain, 7th World Congress on Pain, Paris, France, August, 1993.
  20. Arthur J, Racz GB. 1993. The Role of invasive techniques in the management of cancer pain. Abs. Dannemiller Memorial Education Foundation.
  21. Rosenberg PH, Heavner JE, Chokhavatia S, McDaniel K, Racz GB. Epiduroscopy with a thin flexible and deflectable fiberscope. Br J Anaesth 72:S1; A233, 1994.
  22. Heavner JE, Shi B, Diede JH, Racz GB: Acetaminophen use and blood concentration in pain patients. Abs. Anesthesiology 83:3. September 1995.
  23. Heavner J, Shi B, Diede J, Racz GB: Acetaminophen use and blood concentration in pain patients. Abs. Anesthesiology 866, 1995.
  24. World Congress, hosted by WIP, Istanbul, Turkey, 2001.
  25. World Congress, hosted by WIP, Barcelona, Spain 2004
  26. World Congress hosted by WIP, Budapest, Hungary 2005
  27. Budapest Conference hosted by WIP, Budapest, Hungary 2008
  28. SURPRISINGLY PROLONGED PAIN RELIEF AFTER OFF-LABEL USE OF HEATED PATCH OF LIDOCAINE-TETRACAINE (7.5% MIXTURE). INITIAL REPORT. (Will be published in syllabus and displayed in exhibition hall) abstract for the 6th World Institute of Pain (WIP) World Congress, April 29 - May 1, 2011, Seoul, Korea
  29. FEMORAL NERVE (FN) AND LATERAL FEMORAL CUTANEOUS NERVE (LFCN) ENTRAPMENT BY INTRA ABDOMINAL SCARING: NEW AND IMPROVED TECHNIQUE FOR TREATMENT. (Will be published in syllabus and displayed in exhibition

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hall) abstract for the 6th World Institute of Pain (WIP) World Congress, April 29 - May 1, 2011, Seoul, Korea 23

3. CRYONEUROLYSIS IN THE TREATMENT OF LOWER ABDOMINAL WALL NEUROMAS AND ILLIOHYPOGASTRIC NERVE (IHN) ENTRAPMENT. (Will be published in syllabus and displayed in exhibition hall) abstract for the 6th World Institute of Pain (WIP) World Congress, April 29 - May 1, 2011, Seoul, Korea
4. INTERSCALENE COMPARTMENT INJECTION FOR TREATMENT OF INTERSCALENE NERVE ENTRAPMENT: A NEW TECHNIQUE. (Will be published in syllabus and displayed in exhibition hall) abstract for the 6th World Institute of Pain (WIP) World Congress, April 29 - May 1, 2011, Seoul, Korea
5. NEW TECHNIQUE FOR LATERAL CUTANEOUS FEMORAL NERVE (LCFN) INJECTION AND TREATMENT OF ENTRAPMENT NEUROPATHY. (Will be published in syllabus and displayed in exhibition hall) abstract for the 6th World Institute of Pain (WIP) World Congress, April 29 - May 1, 2011, Seoul, Korea

**GRANTS:**

Heart Association, Chairman of CPR Committee, from Regional Medical Program for public CPR training  
Grant Period: Sep 1, 1972 - Dec 31, 1973 -- \$12,163.00  
Grant Period: January 1, 1974 - June 30, 1974 -- \$15,113.00

Medical Director of Respiratory Therapy School, Upstate Medical Center, which received a Veterans Administration Grant to develop a Baccalaureate Program.  
Grant Number 1C(74)I-32-0216-01, Grant for 3 years -- \$197,640.00

Co-Principal Investigator of National Heart Lung Institute funded project on Aerosol Therapy. Reference Number 1R01HL19700-Olsss  
Grant for 3 years -- \$136,359.00

Laboratory and Clinical Evaluation of a New Type of Arterial Sampling Device, Sherwood Medical -- \$10,000.00

Clinical Evaluation of a New Epidural Catheter, Arrow International -- \$5,000.00

Anesthesia Research, Roberts Foundation -- \$22,000.00

Dr. Stella M. Traweek Endowed Fund in Pain Research -- \$225,000.00

**AWARDS:**

- |      |  |
|------|--|
| 1983 | Best Instructional Exhibit: Repeat Epidural Injections of Phenol for Pain and Spasticity Therapy in Non Terminal as well as Terminal Patients. 37th  |
| 1984 | First Prize: Capnography in the Operating Room. American Society of Anesthesiologists.   |
| 1984 | Exceptional Merit Award: Therapeutic Approaches to Reflex Sympathetic Cystrophies of the Upper Extremity. American Society of Anesthesiologists, October, 1984.  |
| 1984 | Best Exhibit for Clinical Application Award: A New Improved Catheter for Epidural Anesthesia and Continuous Plexus Block and CSF Drainage. 38th Postgraduate Assembly of New York State Society of Anesthesiology, December 15-19, 1984. |
| 1985 | Second Place Scientific Exhibit: International Anesthesia Research Society 59th Congress, Houston, Texas, March, 1985.   |
| 1987 | First Place Best Instructional Exhibit: Epidural Injection of Hypertonic Saline and Corticosteroid for Lysis of Adhesions and Pain Control. New York PostGraduate Assembly, New York, New York, December, 1987.                          |

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- 1989 Second Place of Twenty: Peripheral Nerve Stimulator Implantation in the Treatment of Causalgia and Reflex Sympathetic Dystrophy. 63rd Congress of the Internal Anesthesia Research Society, Lake Buena Vista, Florida, March 4- 8, 1989. 24
- 1989 Honorable Mention: Diagnostic and Neurolytic Hypogastric Plexus Blockade for Pelvic Pain. 43rd New York Post-Graduate Assembly, New York, New York, December 9-13, 1989.
- 1990 Honorable Mention: Spinal Cord Stimulation: Use of a Dual Purpose Catheter in Screening and Therapy for Benign and Malignant Pain. 44th New York Post Graduate Assembly, New York, New York, December 8-12, 1990.
- 1991 Third Place: Spinal Cord Stimulation: Use of a Dual Purpose Catheter in Screening and Therapy for Benign and Malignant Pain. IARS 65th Congress, March, 1991.
- 1991 Exceptional Merit: Spinal Cord Stimulation: Use of a Dual Purpose Catheter in Screening and Therapy for Benign and Malignant Pain. American Society of Anesthesiologists Annual Meeting, San Francisco, California, October 26-30, 1991.
- 1991 Listed in book: *The Best Doctors in America* 1992-1993. Woodward/White, Inc.
- 1992 1991 Best Exhibit for Clinical Application: Epidural Space: Identification of Filling Defects and Lysis of Adhesions in the Treatment of Chronic, Painful Conditions. Presented at the 46th Postgraduate Assembly of The New York State Society of Anesthesiologists, Inc., December 12-16, 1992.
- 1993 Listed in book: *The Best Doctors in America* 1994-1995. Woodward/White, Inc.
- 1996 Gabor Racz named first recipient of *Grover E. Murray Professorship* awarded May 10, 1996 by Texas Tech University Health Sciences and TTU Board of Regents for distinguished service. This professorship established by the Board of Regents in honor of Grover Murray, who was president of Texas Tech University in 1977 when TTUHSC was founded.
- 1997 Lecture: Balanced Approaches to Pain Management. First Annual Terence M. Murphy Memorial Lecture Series presenting Gabor B. Racz as First Lecturer. The University of Washington Multidisciplinary Pain Center and Department of Anesthesiology, John Loeser Chairman, Seattle, Washington.
- 1998 Listed in book: The Best Doctors in America 1997-1998. Woodward/White, Inc. (every edition since book originated)
- 1998 Awarded *Endowed Professorship* from Texas Tech University Health Sciences Center
- 2001 Awarded *Outstanding Physician* by American Neuromodulation Society at annual meeting
- 2002 *Outstanding Physician Award* presented by American Society of Interventional Pain Physicians (ASIPP)
- 1995-2004 *Who's Who* (listed in several versions)
- 2004 Listed in book: *The Best Doctors in America* 2002-2004. Woodward/White, Inc. (has appeared in every edition since book originated)
- 2003 Invited to serve on Advisory Council of *For Grace*, an organization with mission of raising awareness of the chronic pain disease, CRPS
- 2001-2004 Treasurer and Registrar of FIPP Examinations for *World Institute of Pain*. President elect (elected in September 2004 and will take office as President in May, 2005).
- 2004 Presented the *Lifetime Achievement Award* by American Society of Interventional Pain



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- Physicians (ASIPP), the largest organization of interventional pain physicians in the world. This was presented in Washington, D.C. at the annual ASIPP. 25
- 1992-2004 Named in each edition of *The Best Doctors in America*, 1992-2004. Woodward/White, Inc.
- 1992-2005 Director of the annual Budapest Workshop and Conference for Pain Physicians from around the world, and the next one, in September 2005, will be the Tenth Annual meeting, where once again the FIPP examination will be offered.
- 2005-2008 President of *World Institute of Pain*.
- 2006 Awarded the *MORICCA AWARD* presented by the Italian Pain Society, July 2006  
HONORARY MEMBER OF CATALONIAN PAIN SOCIETY – BARCELONA, SPAIN  
SEPTEMBER, 2006
- Sep 2008 Awarded *TTUHSC Distinguished Professor Award for Lifetime Achievement*. Lubbock, Texas
- 1992-2006 Named in each edition of *The Best Doctors in America*, 1992-2011. Woodward/White, Inc.
- 2011 Awarded *Lifetime Achievement Award* from Florida Pain Society May 2011 in Florida
- 2011 Re-elected *Director at Large* by American Society of Interventional Pain Physicians (ASIPP)
- 2000-2011 Awarded plaque for ten consecutive years to *America's Top Doctors*, authorized by Castle Connolly Medical Ltd.
- 2013 Consultancy with full privileges at Guys and St. Thomas's Hospitals in London and General Medical Council by Great Britain, two-year appointment. (renewal 1976-2013)
- 2012 *Lifetime Achievement Award* presented by New York Pain Society and New Jersey Pain Society at annual meeting October 19, 2012 in Jersey City, NJ. Dr. Racz also delivered keynote speech at the annual meeting conference.
- 2012 *Samuel Hassenbusch Lecture* presented by Dr. Racz at Texas Pain Society annual meeting October 26 in Austin, Texas.
- 2012 Honored with named professorship at reception by TTUHSC (*Stella Traweek, M.D. Gabor B. Racz, M.D. Endowed Professorship in Pain Research*). The professorship was awarded to Dr. Miles Day, Co-Director of TTUHSC Pain Services.
- 2013 *Lifetime Achievement Award* from West Virginia Society of Interventional Pain Practice (WVSIPP) at the annual meeting in July 12, 2013 in Palm Beach, Florida. Tim Deer, Director.

**VISITING PROFESSOR:**

- MAR 1981 Medical College of Virginia  
Richmond, Virginia  
Critical Care -- Win Some, Lose Some
- APR 1981 University of Texas Health Sciences Center  
San Antonio, Texas  
Anesthetic Management of the Trauma Patient / Controversies in Anesthetic Management
- MAY 1981 The Abraham Lincoln School of Medicine

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Chicago, Illinois  
Aspiration Pneumonitis and Other Respiratory Problems

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- APR 1983 American Osteopathic College of Anesthesiologists Mid-Year Conference  
Chicago, Illinois  
Use of the Racz Epidural Catheter for Labor and Delivery
- MAY 1983 University of Texas A & M, Temple, Texas  
New Epidural Catheter in Chronic Pain Management  
Intubation -- New Laryngoscope Designs
- APR 1984 St. Louis University School Medicine, St. Louis, Missouri
- AUG 1984 University of Texas Southwestern School of Medicine, Dallas, Texas  
Workshop on Pain
- MAR 1985 University of Texas, Houston, Texas  
Newer Tricks on Pain
- APR 1986 Jefferson Medical College of Thomas Jefferson University,  
Philadelphia, Pennsylvania  
Epidural Phenol and Other Neurolytic Agents and Regional Block Procedures in  
Pain Management and Reflex Sympathetic Dystrophy
- MAY 1986 Tulane Medical Center, New Orleans, Louisiana  
Epidural Phenol and Other Neurolytic Agents and Regional Block Procedures in  
Pain Management and Reflex Sympathetic Dystrophy
- NOV 1986 Bridgeport Hospital, Bridgeport, Connecticut  
Pain Management in Reflex Sympathetic Dystrophy and Spasticity
- MAY 1987 Redding General Hospital, Redding, Pennsylvania  
Pain Management
- 1987 University of Cincinnati, Cincinnati, Ohio  
Techniques in Neurolysis
- 1989 Medical College of Ohio, Toledo, Ohio
- 1990 Columbia University College of Physicians & Surgeons, New York, New York  
New Methods of Pain Management
- 1990 Rush-Presbyterian St. Luke's Medical Center, Chicago, Illinois  
Reflex Sympathetic Dystrophy
- 1990 AMI Brownsville Medical Center, Brownsville, Texas  
Clinical Presentation
- 1991 New York University Medical Center, New York, New York  
Nerve Blocks for Chronic Pain Management
- 1991 Louisiana State University, Shreveport, Louisiana  
Department of Orthopedics Annual Alumni Meeting  
Discussion of Research Paper: Electro Microscopy of Lumbar Facet Joint:  
Peripheral and Spinal Cord Stimulation, Epidural, Hypertonic Saline Phenol and  
Hypogastric Plexus Blocks
- 1991 Georgetown University Medical Center, Washington, DC  
Clinical Presentations
- 1992 New York University Medical Center, New York, New York

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Clinical Presentations.

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- MAY 1993 University of Medicine & Dentistry of New Jersey Robert Wood Johnson Medical School, New Brunswick, New Jersey. Neuroaugmentation and Lysis of Adhesions.
- APR 1995 Understanding the new description of reflex sympathetic dystrophy as Complex Regional Pain Syndrome. Grand rounds Department of Neurology Texas Tech University Health Sciences Center, Lubbock, Texas.
- OCT 1995 New concepts in pain management. Keynote lecture, visiting professor and grand rounds. St. Luke's-Roosevelt Hospital Center, New York, New York.
- DEC 1995 Lecture. Texas Tech University Health Sciences Center at El Paso, Department of Anesthesiology, El Paso, Texas.
- JAN 1995 Southwestern Medical School
- JUN 1996 Visiting Professor and Consultant: to evaluate the status of pain service, to see if utilization of staff and faculty is appropriate. University of Medicine and Dentistry of New Jersey, Robert Wood Johnson Medical School, Sanford L. Klein, DDS, MD, Chairman, New Brunswick, New Jersey.
- JAN 2000 Lecture. Interventional Pain Conference at Baylor Medical Center. Houston, Texas.
- JAN 2006 *Safety and Efficacy of Cervical and Caudal Neuroplasty / Ethical Issues in Treating Pain and Suffering.* Update in Pain Management-Cadaver Workshop. Southwestern Medical Center, Dallas, Texas
- JAN 2007 *Interventional therapies for spinal stenosis and failed back syndrome.* Interventional Therapies for Chronic Pain, 5th International Symposium of the Catalan Pain Society, College of Metges de Barcelona. Jan 25, 2007.
- FEB 2007 *Trends in Interventional Pain Management / Epidural Neurolysis and spinal Stenosis.* Update in Pain Management with Cadaver Workshop, UT Southwestern, Dallas Texas Feb 17-18, 2007
- MAY 2008 Lectures: Lysis of Adhesions, conference and consultant with administrators in training program at Harvard University, Boston, Massachusetts
- JUL 2008 Lectures, conferences with administration, consultant. Department of Anesthesiology, SUNY Upstate Medical University, Syracuse, NY
- 2011 Awarded *Lifetime Achievement Award* from Florida Pain Society May 2011 in Florida
- 2011 Re-elected *Director at Large* by American Society of Interventional Pain Physicians (ASIPP)
- 2000-2011 Awarded plaque for ten consecutive years to *America's Top Doctors*, authorized by Castle Connolly Medical Ltd.
- 2011 Granted renewal of *consultancy status with full privileges* at Guys and St. Thomas's Hospitals in London and General Medical Council by Great Britain, two-year appointment.

**LECTURE PRESENTATION and USA SCIENTIFIC PRESENTATIONS:**

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1966-1976	Annual Refresher Course in Anesthesiology, Syracuse, New York International Anesthesia Research Society, Miami, Florida.	28
1966	American Association of University Neurosurgeons.	
1968	Postgraduate Assembly of the NYSSA, New York, New York.	
1968	Continental Orthopedic Society.	
1969	The Anesthesiologist's Role in Modern Cardiopulmonary Resuscitation Program In a Teaching Hospital. Medical Society of the State of New York Annual Meeting.	
1969	A Study of Plasma Potassium and Electrocardiographic Changes After a Single Dose of Succinylcholine. Canadian Anesthesiologists Society Annual Meeting, Toronto, Canada.	
1969 - 1970	Central New York Surgical Society.	
1970	Fat Embolism-rationale for Treatment. Syracuse, New York, Continental Orthopedic Society's 4th Annual Meeting.	
1970	Society of Critical Care Medicine, Pittsburgh, Pennsylvania.	
1971	Les Complications de Usage Intravenous de Ia Succinylcholine: Dangers, Precautions. XXI Congress National Francais d'Anesthesia-Reanimation, Marseilles, France.	
1972	Radiology National Meeting.	
1970 - 1972	Upstate Neurosurgical Society.	
1973	Orthopedics National Meeting, Las Vegas, Nevada.	
1973	American Society of Neurosurgeons, Los Angeles, California.	
1974	Continental Orthopedic Society's 4th Annual Meeting, Syracuse, New York.	
1975	International European Anesthesia Congress, Valatofured, Hungary.	
1976	Canadian Anaesthetists' Society, Montreal, Canada.	
1976	Malignant Hyperpyrexia Following Posterior Fossa Craniotomy. European Society of Pediatric Neurosurgery, Stresa, Italy.	
1976	Seminars and Symposia, ten lectures given in Hong Kong, Tokyo, and Hawaii on a Far East Tour.	
1976	Postgraduate Assembly, NYSSA Chairmen, Critical Care and Respiratory Care: A Practical Approach Workshop.	
1976	Postgraduate Assembly, NYSSA Chairman, Medical Student Program.	
NOV 1977	Deposition of Therapeutic Aerosols in the Human Airways. 70th Annual Meeting of the American Institute of Chemical Engineers, New York, New York.	
JUL 1977	Guest Speaker (35 hours of lectures) with Seminars and Symposia, Critical Care topics. Vienna, Austria, Prague, Czechoslovakia, Budapest, Hungary.	
MAR 1978	Caring for the Patient with Fat Embolism. Symposium on Cancer and Trauma, presented by TTUHSC Department of Surgery, Office of Continuing Education, Regional Academic Health Center, El Paso, Texas.	

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- MAR 1978 Acute Respiratory Failure (Chronic Airway Obstruction). One day seminar presented by the South Plains Chapter of the Texas Academy of Family Physicians in cooperation with the Family Practice Department of TTUHSC. 29
- MAY 1978 Retrolental Fibroplasia. Neonatal Care Symposium: Respiratory Distress Syndrome, Lubbock Memorial Civic Center.
- OCT 1978 Guest Speaker at the Texas Nurse Anesthetists' National Meeting, El Paso, Texas.
- DEC 1978 Diagnosis and Management of Adult Respiratory Distress Syndrome. Midland Critical Care Workshop, Midland, Texas.
- JAN 1979 Cardiovascular Problems in the Aged Patient / Preanesthesia Rehabilitation of the Chronic Pulmonary Cripple / Care of the Post Cardiac Arrest Patient. Texas Nurse Anesthetists Society Seminar on Geriatric Anesthesia.
- MAY 1979 Interpretation of Blood Gas Analysis. Texas Society for Respiratory Therapy presented by the Texas Society of Respiratory Therapy and TTUHSC, Lubbock, Texas.
- MAY 1979 The Role of the Respiratory Care Medical Director. Washington State Society for Respiratory Therapy, Inc. presented by the American Association of Respiratory Therapy, Seattle, Washington.
- JUN 1979 Two lectures: Fluid Electrolytes and Hemodynamic Monitoring / The Neurological Patient. First Annual Critical Care Symposium presented by the Department of Respiratory Therapy, Department of Anesthesiology and TTUHSC, Lubbock, Texas.
- NOV 1979 Pulmonary Physiopharmacology - 1979. The Physiology and Pharmacology of the Perioperative Period. Bay/Cap IV meeting at Baylor College of Medicine, Houston, Texas.
- JAN 1980 The In Vitro Antagonism of Procaine Conduction Block by Adenosine Triphosphate. Western Pharmacology Society Meeting, Vancouver, B.C.
- SEP 1980 American Society of Anesthesiologists meeting, St. Louis, Missouri.
- SEP 1980 Acid Base Balance. Workshop, Texas Society of Anesthesiologists, Houston, Texas.
- DEC 1980 Pan-Pacific Association Eleventh Congress, Honolulu, Hawaii 1969 Postgraduate Assembly in Anesthesiology, New York.
- MAR 1982 Acid Base Balance Interpretation Cardiovascular Problems of the Elderly. Western Canadian Anesthetists Annual Meeting, Regina, Canada.
- MAR 1982 A New Type of Epidural Catheter. G. Racz, J. Gintautas, G. Havasi. Scientific Exhibit, International Anesthesia Research Society Meeting, Reno, Nevada.
- OCT 1982 A New Epidural Catheter. Cook County Hospital, Chicago, Illinois.
- OCT 1982 Experimental Aspiration Pneumonitis. G. Dal Santo, N. Lawson, J. Gintautas, G. Racz, Scientific Exhibit, American Society of Anesthesiologists, New Orleans, Louisiana
- OCT 1983 Repeat Epidural Injections of Phenol for Pain and Spasticity Therapy in Non Terminal as well as Terminal Patients. American Society of Anesthesiologists.
- DEC 1983 Repeat Epidural Injections of Phenol for Pain and Spasticity Therapy in Non

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- Terminal as well as Terminal Patients. 37th Postgraduate Assembly of New York State society of Anesthesiologists, Awarded Best Instructional Exhibit. 30
- OCT 1983 Repeat Epidural Injections of Phenol for Pain and Spasticity Therapy in Non Terminal as well as Terminal Patients. American Society of Anesthesiologists.
- DEC 1983 Repeat Epidural Injections of Phenol for Pain and Spasticity Therapy in Non Terminal as well as Terminal Patients. 37th Postgraduate Assembly of New York State society of Anesthesiologists, Awarded Best Instructional Exhibit.
- MAY 1984 Repeat Epidural Injections of Phenol for Pain and Spasticity Therapy in Nonterminal as well as Terminal Patients. International Anesthesia Research Society, Awarded Best Instructional Exhibit.
- MAR 1984 Epidural Phenol in the Management of Chronic Pain and Spasticity. Refresher Course in Anesthesiology, Lubbock, Texas.
- AUG 1984 Pain Symposium, Department of Anesthesiology, TTUHSC School of Medicine, Lubbock, Texas.
- SEP 1984 Development of a New Epidural Catheter and Its Use in Anesthesia and Chronic Pain Management. Pain Mechanisms and Evaluation Joint Meeting of the Hungarian Society of Anesthesia and the American Society of Regional Anesthesia, Budapest, Hungary.
- OCT 1984 Capnography in the Operating Room (Scientific Display), American Society of Anesthesiologists, Awarded Blue Ribbon for Best Exhibit.
- OCT 1984 Therapeutic Approaches to Reflex Sympathetic Dystrophies of the Upper Extremity (Scientific Display). Awarded Exceptional Merit.
- DEC 1984 Capnography in the Operating Room (Scientific Display) and A New Improved Catheter for Epidural Anesthesia Continuous Plexus Block and CSF Drainage (Scientific Display). 38th Postgraduate Assembly of New York State Society of Anesthesiologists.
- OCT 1984 Neurolytic Lumbar Sympathetic Blocks. American Society of Anesthesiologists Workshop, Annual Meeting of American Society of Anesthesiologists, New Orleans, Louisiana.
- OCT 1984 New Approaches to Chronic Pain Management. Central New York Surgical Society Annual Meeting, Syracuse, New York.
- FEB 1985 Therapeutic Approaches to Reflex Dystrophy and the Use of Thermography. Thermography Seminar, Houston, Texas.
- FEB 1985 Pain and Other Goodies. Greater Atlanta Society of Anesthesiologists, Atlanta, Georgia
- MAR 1985 Newer Tricks in Pain. Texas Gulf Coast Anaesthesia Society, Houston, Texas.
- MAR 1985 Therapeutic Approaches to Reflex Sympathetic Dystrophy. International Anesthesia Research Society, Awarded 2nd Place.
- MAR 1985 Reactions of Dog Anterior Spinal Artery Rings to Epinephrine, Potassium, and Histamine. American Society of Regional Anesthesia.
- MAY 1985 Reflex Sympathetic Dystrophy. Texas Tech Alumni Association, Washington, DC.
- SEP 1985 Pain Management Seminar Course Director, New York, New York.

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- SEP 1985 of The Bier Block Technique for Treatment of RSD New York State Society of Anesthesiologists, Albany, New York. 31
- OCT 1985 A New Improved Catheter for Epidural Anesthesia Continuous Plexus Block and CSF Drainage (Scientific Display). American Society of Anesthesiologists.
- OCT 1985 The Use of Cervical Epidural Phenol Blocks in Upper Extremity Movement Disorders. American Academy for Cerebral Palsy, Seattle Washington.
- OCT 1985 The Use of Cervical Epidural Pheno Blocks in Upper Extremity Movement Disorders in Cerebral Palsy (AV Presentation), American Academy for Cerebral Palsy and Developmental Medicine.
- FEB 1986 Sympathetic Dystrophy and Spasticity. Finnish Society of Anesthesiologists, Helsinki, Finland.
- FEB 1986 Epidural Phenol and Other Neurolytic Agents and Regional Block Procedures In Pain Management. Presented before ASTRA, Stockholm, Sweden.
- MAR 1986 A New Improved Catheter for Epidural Anesthesia Continuous Plexus Block and CSF Drainage (Scientific Display). International Anesthesia Research Society.
- MAR 1986 Pain - Invasive Management. Presented before the Thermography in Neuromusculoskeletal Disorders seminar, Acapulco, Mexico.
- MAR 1986 Local Anesthetic Facilitation of Local Anesthetic Passage Through the Dura. American Society of Regional Anesthesia.
- JUL 1986 Management of Difficult Pain Syndromes / Diagnosis and Recent Concepts in the Treatment of Reflex Sympathetic Dystrophy / Pain and Spasticity - the Role of Neurolysis. Presented before the Mexican Society of Anesthesiologists, Mexico City.
- OCT 1986 Percutaneous dorsal column stimulation implantation for chronic pain control. (Scientific Display), American Society of Anesthesiologists.
- JAN 1987 Pain Management. Western Regional Oncology Conference, El Paso, Texas January, 1987
- MAR 1987 Percutaneous dorsal column stimulator implantation for chronic pain control. (Scientific Display). International Anesthesia Research Society, Awarded 2nd Place.
- MAY 1987 Inhibition of MAO A and MAO B Activity by Tetracaine vs. a Tetracaine Homologue. Veterinary Midwest Anesthesia Conference.
- JUN 1987 Technique of Upper Extremity Anesthesiology Procedures with Thermographic Monitoring Thermography and Anesthesia in Pain Management, San Diego, California.
- JUN 1987 Complications of I.V. Regional Guanethidine. Ciba-Geigy Pharmaceuticals, Summit, New Jersey.
- AUG 1987 Lysis of Epidural Adhesions in Pain Patients. 5th World Congress on Pain.
- SEP 1987 Pain Management and the Cancer Patient. Texas Society of Anesthesiologists.
- OCT 1987 Lysis of Epidural Adhesions in Pain Patients. Southern Pain Society Annual Conference.
- OCT 1987 Classification of Reflex Sympathetic Dystrophies. American Academy of Neurological and Orthopaedic Surgeons, Las Vegas, Nevada.

- DEC 1987 Epidural Injection of Hypertonic Saline and Corticosteroid for Lysis of Adhesions and Pain Control. New York PGA, Awarded 1st Place Best Instructional Exhibit.
- DEC 1987 Neuro--Introduction of Implant Patient. Medtronic, Inc.
- MAR 1988 Epidural Injection of Hypertonic Saline and Corticosteroid for Lysis of Adhesions and Pain Control. International Anesthesia Research Society.
- MAY 1988 Medico legal Considerations - Case Discussions / New Pain Procedures. Texas Society of Anesthesiologists, San Antonio, Texas.
- MAY 1988 New Pain Procedures - Epidural Neurolytics, Stellate Ganglion Block - Local and Phenol, Epidural Scar Lysis, Peripheral Nerve Stimulator Implants for Causalgia and RSD. Texas Society of Anesthesiologists, San Antonio, Texas.
- MAY 1988 Lysis of Epidural Adhesions in Pain Patients. 9th World Congress of Anesthesiologists, Washington, DC.
- JUN 1988 End Stage RSD and New Techniques. Thermography Seminar, Chicago, Illinois.
- JUL 1988 Reflex Sympathetic Dystrophy. European Society of Regional Anesthesia, Germany.
- SEP 1988 RSD and Newer Approaches to Chronic Pain Management. Michigan Pain Society, Lansing, Michigan.
- OCT 1988 Teaming Up on Difficult RSD/Causalgia: Peripheral Nerve Stimulator Implantation. American Society of Anesthesiologists.
- DEC 1988 Combination Therapy for Back and Neck Pain With Dorsal Column Stimulation / Epidural Scar Lysis and Anterior Communication Radiofrequency Rhizotomy / Caudal Epidural Approach For Lysis of Post-Laminectomy Adhesions. The Anesthesiology Academy of Neurological and Orthopaedic Surgery Convention, Las Vegas, Nevada.
- MAR 1989 Plasma Levels of Bupivacaine Are Age Dependent in Young Pigs. ASRA Annual Meeting.
- MAR 1989 Peripheral Nerve Stimulator Implantation in the Treatment of Causalgia and Reflex Sympathetic Dystrophy (Scientific Exhibit). International Research Society.
- MAY 1989 Pain Management Techniques for Enhanced Pain Relief with Opiate Infusion. 2nd International Symposium of Algology, Milan, Italy.
- MAY 1989 Peripheral Nerve Stimulator Implantation in the Treatment of Causalgia and RSD. Texas Medical Association Annual Meeting.
- MAY 1989 Peripheral Nerve Stimulator Implantation in the Treatment of Causalgia and RSD. Texas Medical Association Annual Meeting.
- SEP 1989 Useful New Nerve Blocks. Texas Society of Anesthesiologists, Amarillo, Texas.
- SEP 1989 Newer Approaches in Pain Management. XXIV Mexican Congress of Anesthesiology, Guaru, Mexico.
- SEP 1989 Techniques in Neurolysis. E.W. Sparrow Hospital & Pain Management Services, East Lansing, Michigan.
- SEP 1989 Chronic Pain Syndromes; Low Back Pain, RSD, Diabetic Neuropathy and Tic Douloureux. Fourth Annual Fall Seminar in Anesthesia, Wichita, Kansas.



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- OCT 1989            Intraoperative Techniques for Management of Acute and Chronic Pain.            33  
American Society of Anesthesiologists Annual Meeting, New Orleans,  
Louisiana.
- OCT 1989            Diagnosis and Treatment of Abdominal and Pelvic Pain in Women. Eighth Annual  
Scientific Meeting of the American Pain Society, Phoenix, Arizona.
- OCT 1989            Neurolytic Techniques in Cancer Pain Management / Workshop on Neurolytic  
Procedures. Michigan Pain Society Meeting, The Challenge: Managing Cancer  
Pain in the 1990's, Traverse City, Michigan.
- DEC 1989            Regional Anesthesia for Trauma Surgery / Phenol and Neurolytic Techniques for  
Pain Control. Emory University School of Medicine's Regional Anesthesia:  
Surgery, Obstetrics and Pain Meeting, Atlanta, Georgia.
- DEC 1989            Epidural Neurolytics and Lysis of Adhesions / Dorsal Column Stimulation and  
Peripheral Nerve Stimulation / Hands On - Techniques of Racz. Professional  
Instruments Seminar, Cocoa Beach, Florida.
- MAR 1990            Peripheral Nerve Stimulation. Sixth World Congress on Pain, Adelaide, Australia.
- APR 1990            Peripheral Nerve Stimulation / Hypogastric Plexus Block / Dorsal Column  
Stimulation. Spinal Pain Meeting, Perth, Australia.
- MAY 1990            Diagnostic and Neurolytic Hypogastric Plexus Blockade for Pelvic Pain (Scientific  
Exhibit). Texas Medical Association Annual Meeting, Second Award, Group II,  
Corpus Christi, Texas.
- MAY 1990            Peripheral Nerve Implant and Dorsal Column Stimulation / Lysis of Post  
Laminectomy Adhesions. International College of Surgeons, San Antonio, Texas.
- MAY 1990            Peripheral Nerve Stimulation / Spinal Cord Stimulation / Hypogastric Plexus  
Block for Pelvic Pain. International Pain Meeting, Kansas City, Kansas.
- MAY 1990            Treatment of the Cancer Patient. Bristol Regional Medical Center Annual Medical  
Symposium, Bristol, Virginia.
- SEP 1990            Workshop on Reflex Sympathetic Dystrophy and Neurolytic Procedures.  
International Symposium on Advances in Pain Management Update, Houston.
- OCT 1990            Panel on Intraoperative Techniques for Management of Acute and Chronic Pain,  
Conducted Clinical Forum on Pain Therapy and moderator for the Local  
Anesthesia and Pain III Scientific paper presentations. Experimental Evaluation of  
an Epidural Balloon Catheter System For Lysing Epidural Adhesions. (Scientific  
Exhibit), American Society of Anesthesiologists Annual Meeting, Las Vegas,  
Nevada.
- NOV 1990            Neurolysis in Epidural Space. Holmes Regional Medical Center, Melbourne,  
Florida.
- DEC 1990            Spinal Cord Stimulation: Use of a Dual Purpose Catheter in Screening and  
Therapy for Benign and Malignant Pain (Scientific Exhibit). NYPGA, New York,  
New York.
- FEB 1991            Epidural Hypertonic Saline and Epidural Phenol - Uses and Abuses / Avoiding  
Technical Difficulties and Troubleshooting Post-Implantation Problems / New  
Uses for Spinal Cord Stimulation / Stimulation of Peripheral Nerves in the  
Palliation of Chronic Pain. Interventional Pain Management - An Advanced  
Techniques Workshop, Scottsdale, Arizona.

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- FEB 1991            Peripheral Neurostimulation / Panel Discussion. Eighth Annual Advances in Pain Management: Sympathetically Maintained Pain Syndrome, Lake Buena Vista, Florida.            34
- MAR 1991            Control of Chronic Pain. Sixth Annual Spring Seminar of the Texas Medical Auditors Association, Arlington, Texas.
- MAR 1991            Spinal Cord Stimulation: Use of a Dual Purpose Catheter in Screening and Therapy for Benign and Malignant Pain (Scientific Exhibit). IARS 65th Congress.
- MAR 1991            Spinal Cord Stimulation in the Management of Cancer Pain and Related Pain Syndromes Neurolytic Sphenopalatine & Stellate Ganglion Blocks in the Management of Cancer Pain & Related Pain Syndromes / Epidural Neurolysis in the Management of Cancer Pain & Related Pain Syndromes / Celiac Plexus Neurolysis The Fluoroscopic Guided Approach / Hypogastric Plexus Neurolysis in the Management of Cancer Pain & Related Pain Syndromes / Phrenic Nerve Block Technique. Cancer Pain Update - Principles and Practice of Cancer Pain Management, Maui, Hawaii.
- MAR 1991            Acute and Chronic Pain Management with Epidural Infusion. American Operating Room Nurse's Association, Lubbock, Texas.
- APR 1991            Stellate Ganglion Block / Obturator Nerve Block / Celiac Plexus Block. Sixth Annual Society Ambulatory Anesthesia, San Diego, California.
- MAY 1991            New Prospectives in the Treatment of Low Back Pain. 14th Congress of the Italian Association for the Study of Pain - IASP Chapter, Alghero, Italy.
- MAY 1991            Dual Purpose Catheter for Intractable Pain Management and Update on PNS and SCS. 8th Annual Pain Symposium, Lubbock, Texas.
- JUN 1991            Update on Pain Management. Highland Hospital Staff, Lubbock, Texas.
- AUG 1991            Avoiding Technical Difficulties and Troubleshooting Post-Implantation Problems / New Application - Spinal Cord Stimulation / Stimulation of Peripheral Nerves in the Management of Chronic Pain / Implantation Techniques for Implantable Drug Delivery Systems / Management of Problems and Complications of Infusion Techniques / Epidural Neurolysis and Lysis of Adhesions / Atlanto-Occipital Block, Cervical Facet Block and Destruction of the Sphenopalatine Ganglion in the Management of Intractable Neck and Head Pain. Dannemiller Memorial Educational Foundation's Advanced Techniques Workshop, Boston, Massachusetts.
- SEP 1991            Program Chairman at the Texas Society of Anesthesiologists Annual Meeting, Galveston, Texas.
- SEP 1991            Moderator of Scientific Program at the Texas Society of Anesthesiologists Meeting, Galveston, Texas.
- SEP 1991            Management of Intractable Back and Leg Pain. South Plains Claims Association, Lubbock, Texas.
- OCT 1991            Nerve Blocks in the Treatment of Back Pain and RSDS / Implantable Spinal Cord Stimulator and Morphine Pump / Pain Management Seminar-Back Pain and Reflex Sympathetic Dystrophy Syndrome. Denver, Colorado.
- NOV 1991            Diagnosis and Treatment of RSD. First Texas Tech Podiatry Seminary, Lubbock, Texas.
- OCT 1991            Nerve Blocks in the Treatment of Back Pain and RSDS. Pain Management Seminar: Back Pain and RSDS, Denver, Colorado.

- OCT 1991 Spinal Cord Stimulation: Use of a Dual Purpose Catheter in Screening and Therapy for Benign and Malignant Pain (Scientific Exhibit). ASA, San Francisco, California.
- JAN 1992 Pain Management Treatment and Reimbursement. South Plains Auditors Association, Lubbock, Texas.
- JAN 1992 Avoiding Technical Difficulties and Troubleshooting Post-Implantation Problems / New Application - Spinal Cord Stimulation / Stimulation of Peripheral Nerves in the Management of Chronic Pain / Management of Problems and Complications of Infusion Techniques / Epidural Neurolysis and Lysis of Adhesions / Atlanto Occipital Block, Cervical Facet Block and Destruction of the Sphenopalatine Ganglion in the Management of Intractable Neck and Head Pain. Dannemiller Memorial Educational Foundation, Interventional Pain Management: An Advanced Techniques Workshop, Tampa, Florida.
- JAN 1992 Anaphylactic Shock. Northwest Texas Area Counselor's Meeting of the South Plains Society of Radiologic Technologists.
- MAR 1992 Spinal Cord Stimulation: Indications and Results (Scientific Exhibit). Seventeenth Annual Meeting, American Society of Regional Anesthesia, Tampa, Florida.
- MAR 1992 Non-Neurolytic Sympathetic Nerve Blocks in the Management of Cancer Pain and Related Pain Syndromes / Spinal Cord Stimulation in the Management of Cancer Pain and Related Pain Syndromes / Neurolytic Sphenopalatine and Stellate Ganglion Blocks in the Management of Cancer Pain and Related Pain Syndromes/ Epidural Neurolytic Blocks in the Management of Cancer Pain and Related Pain Syndromes / Neurolytic Celiac Plexus Block - The Fluoroscopic Guided Approach / Hypogastric Plexus Neurolysis in the Management of Cancer Pain and Related Pain Syndromes / The Use of Cryoanalgesia in the Management of Cancer Pain. Dannemiller Memorial Educational Foundation, Principles and Practice of Cancer Pain Management, Big Island of Hawaii.
- MAR 1992 Spinal Cord Stimulation: Indications and Results. Seventeenth Annual Meeting, American Society of Regional Anesthesia, Tampa, Florida.
- APR 1992 The Pain Clinic. Southwest Rotary, Atlanta, Georgia.
- MAY 1992 Chronic Intrathecal Narcotic Administration: Technique and Indications / Spinal Cord Stimulation Update: Patient Selection and Modalities. 2nd International Symposium on the Management of Acute and Cancer Pain, Paris, France.
- MAY 1992 Spinal Cord and Brain Stimulation. International Symposium on Advances in Pain, The Cleveland Clinic Foundation, Cleveland, Ohio.
- MAY 1992 Peripheral Nerve Stimulation and Spinoscopy. Texas Back Institute Research Foundation, Neurosciences Conferences for Second Quarter, 1991, Plano, Texas.
- JUN 1992 Approaching Pain from T1 Cephalad / Combined Pain Therapy. Ninth Annual Pain Symposium, Lubbock, Texas.
- JUL 1992 Epidural Neurolysis and Lysis of Adhesions. Kentucky Anesthesia Symposium: Anesthesia and the Critically Ill Patient, Louisville, Kentucky.
- JUL 1992 Epidural Neurolysis and Lysis of Adhesions - Uses and Abuses in the Failed Back Patient / New Uses for Spinal Cord Stimulation / The Failed Back: Past Problems and Future Directions. Dannemiller Memorial Educational Foundation, San Francisco, California.
- SEP 1992 Head, Neck and Upper Extremity Pain Management. South Plains Dental Society,

- SEP 1992 Hands-On Regional Anesthesia Workshop / Atlanto-Occipital, Cervical Facet, and Neurolytic Sphenopalatine Ganglion Blocks. Maximizing Reimbursement Under the New Medicare RVS System: A SPPM Revenue Enhancement Seminar and Hands-On Regional Anesthesia Workshop Hands-On Billing Workshop, Society for Pain Management, Chicago, Illinois.
- OCT 1992 Chronic Pain Management. Lubbock Area Pharmaceutical Association, Lubbock, Texas.
- OCT 1992 Chronic Pain. National Pharmacological Society, El Paso, Texas.
- OCT 1992 Medical-Legal Issues in Chronic Pain Management: How to Stay Out of Trouble. 1992 Annual Meeting of the American Society of Anesthesiologists. Chronic Pain Management: Current Clinical Issues (panel discussion), New Orleans, Louisiana.
- OCT 1992 Epidural Space: Identification of Filling Defects and Lysis of Adhesions in the Treatment of Chronic. Painful Conditions, New Orleans, Louisiana.
- DEC 1992 Spinal Cord Stimulation - The Good News / Hypogastric Plexus Blockade, lectures; Spinal Cord Stimulation, exhibit workshop. Innovative Pain Management Strategies. American Society of Regional Anesthesia, LaJolla, California.
- JAN 1993 Hands-On Regional Anesthesia Workshop / Facet Block / Lumbar Sympathetic Block / Iliioinguinal Nerve Block / Lateral Femoral Cutaneous Block. Vail Anesthesia Update Advanced Regional Workshop, Dannemiller Memorial Educational Foundation, Vail, Colorado.
- FEB 1993 Spinal Cord Stimulation: Neuroaugmentation in Chronic Pain Management. 1993 Review Course in Pain Medicine, Annual Conference, American Academy of Pain Medicine, San Diego, California.
- MAR 1993 Epidural Neurolysis in the Management of Cancer Pain and Other Painful Conditions / Factors in Patient Selection for Spinal Cord Stimulation / Why Trial Stimulation is So Important / Implantation Techniques for Spinal Cord Stimulation / New Applications of Neuroaugmentation. The Third Annual Regional Anesthesia and Pain Management Update, Dannemiller Memorial Educational Foundation, Waikoloa, Hawaii.
- MAR/APR 1993 Lysis of Adhesions, Peripheral Nerve Stimulation, Spinal Cord Stimulation, Hypogastric Plexus Block and Neurolytic Blocks of the Stellate Ganglion lumbar Sympathetic. 2nd John J. Bonica Hawaii Pain Conference, Maui, Hawaii.
- MAY 1993 Epidural Lysis of Adhesions and Neuroaugmentation: Spinal Cord and Peripheral Nerve Stimulation in Pain. The Seventh Annual International Conference & Workshops on Neuropathic, Musculoskeletal and Ischemic Pain, New York, New York.
- MAY 1993 Peripheral nerve stimulation - RSD / Spinal Cord Stimulation / Case Presentations: Patient Treatments and Epiduroscopy. Tenth Annual Pain Symposium, Texas Tech University Health Sciences Center Institute for Pain Management and Department of Anesthesiology, Lubbock, Texas.
- JUL 1993 Iliioinguinal, Lateral Femoral Cutaneous Nerve Block and Blocks of the Lower Extremity / Epidural Neurolysis / Facet Block / Sphenopalatine Ganglion Block. Dannemiller Memorial Educational Foundation, Kansas City, Missouri.
- AUG 1993 Neurolytic Atlanto-Occipital Block: Indications and Technique / Neurolytic Sphenopalatine Ganglion Block: Indications and Technique / Thermal Neuro-Ablative Techniques: Cryo and Radio Frequency Lesions / Epidural Neurolysis and

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- Lysis of Adhesions / Why Trial Stimulation Is So Important / A Look Into the Future: New Uses for Electro-Neurostimulation. Dannemiller Memorial Educational Foundation Interventional Pain Management Principles & Current Practices Meeting. Nice, France. 37
- SEP 1993 Neurodestructive Procedure / Neuroaugmentation and Neurolytic Procedure. Pain Management Review Course, The Osler Institute, Chicago, Illinois.
- SEP 1993 Neurolytic Block / Spinal Cord Stimulation / Epidural Lysis of Adhesion. The First East-West International Conference on Pain Management, Korean Pain Research Institute, Inc., Seoul, Korea.
- OCT 1993 Low Back Pain and Radiculopathy / Peripheral Nerve Stimulation / Panel Discussion with Prithvi Raj and Elliot S. Krames. American Osteopathic College of Anesthesiologists Annual Meeting, Orlando, Florida.
- NOV 1993 Intraspinal Infusion / Epidural Lysis of Adhesions / Dorsal Column Stimulation / Peripheral Nerve Stimulation. Third Annual Seminar on Pain, The Institute for Post-Graduate Education, Inc. Key West, Florida.
- DEC 1993 Neurolysis for Non-malignant Pain: Do We Have An Indication? Panel Discussion with Russell K. Portenoy, Neil Schechter, Elliot S. Krames, Betty R. Ferrell and Kathleen M. Foley. Current Concepts in Acute, Chronic, and Cancer Pain Management, a postgraduate course presented by the Pain Management Group in the Department of Anesthesiology and Critical Care of Memorial Sloan-Kettering Cancer Center, New York, New York.
- JAN 1994 Stellate ganglion block / Occipital nerve block / Ganglion impar block / Intercostal block / Facet block / Intercostal nerve block / Update on spinal cord stimulation / update on implantable pumps. Vail Anesthesia Update, by Dannemiller Memorial Educational Foundation, Vail, Colorado.
- JAN 1994 Neurostimulation & neurolytic pain therapy. Comprehensive Pain Medicine/Management Certification Examination Review Course, Pain Net Education Inc. and Park Medical Center, Dallas, Texas.
- FEB 1994 Epidural neurolysis: fact or fantasy? / Epidural neurolysis and lysis of adhesions: indications and technique / New uses for spinal cord stimulation. The Failed Back Past Problems and Future Directions, Dannemiller Memorial Education Foundation, Scottsdale, Arizona.
- FEB 1994 Session Chairman. Refresher Course in Anesthesiology, Texas Tech University Health Sciences Center Department of Anesthesiology, Lubbock, Texas.
- MAR 1994 Integrating neural blockade into your acute pain management service / Everything the pain specialist needs to know about headaches and facial pain / A pain specialist guide to neck and low back pain / epidural neurolysis & lysis of adhesions: theoretical basis & clinical applications / Factors in patient selection for spinal cord stimulation / Why trial stimulation is so important / Recent applications of neuroaugmentation in the management of pain / hypogastric plexus and ganglion of Walter block. The Fourth Annual Regional Anesthesia and Pain Management Update: "The State of the Art," Dannemiller Memorial Education Foundation, Maui, Hawaii.
- APR 1994 Panel: Techniques of pain management and their efficacy: anesthesiology / Panel: Medtronic, case study / Plenary session chairperson: Cancer Pain / Panel: Malpractice and pain management / Workshop: Implantation of epidural and peripheral stimulation. 6th International Congress-Pain Clinic, sponsored by World Society of Pain Clinicians, co-hosted by National Pain Institute, The Medical College of George, Atlanta, Georgia.

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- APR 1994            Peripheral nerve and spinal cord stimulation. Reflex sympathetic dystrophy seminar, organized by Joseph V. Uricchio, Jr., M.D., Orlando, Florida. 38
- APR 1994            Peripheral nerve stimulation / Spinal cord stimulation. Expanding your Pain Practice: 1994 update in pain management, special workshop offering myelography. Presented by University of Louisville, New Orleans, Louisiana.
- JUN 1994            Lysis of epidural adhesion update / neuroaugmentation. 11th Annual Pain Symposium, Department of Anesthesiology, Texas Tech University Health Sciences Center, Lubbock, Texas.
- JUL 1994            Neurostimulation and neurolytic pain therapy. Comprehensive Pain Medicine/Management Certification Examination Review Course, Pain Net, Inc. Dallas, Texas.
- AUG 1994            Iliioinguinal, lateral femoral cutaneous nerve block and blocks of the lower extremity / Sphenopalatine ganglion block / Stellate ganglion block / Diagnostic and neurolytic facet blocks. The principles and practice of pain management: a keyword oriented review of the specialty, Dannemiller Memorial Educational Foundation, St. Louis, Missouri.
- SEP 1994            Treatment of chronic pain. Munson Medical Center, Traverse City, Michigan.
- OCT 1994            Chronic spinal pain: advanced injection techniques. 3rd annual International Spinal Injection Society, Minneapolis, Minnesota.
- OCT 1994            Intervention of pain management / Spinal cord stimulation. Licensed Vocational Nurses Association of Texas Annual Meeting, Lubbock, Texas.
- OCT 1994            Therapeutic and neurolytic blocks for the management of facial pain. Ophthalmic Anesthesia Society 8th Scientific Meeting, San Antonio, Texas.
- OCT 1994            Management of RSD / Management of RSD (two lectures). Pain Update 1994: 4th Annual Meeting, Greater Philadelphia Pain Society, Philadelphia, Pennsylvania.
- NOV 1994            Intraspinal medication / Neurolysis for non-malignant pain. Third International Conference and Post Graduate Course in Invasive Pain Management, Aruba in the Dutch West Indies.
- NOV 1994            Epidural lysis of adhesions / Reflex sympathetic dystrophy. First Annual International Symposium on Pain, sponsored by the Uruguayan Society of Physical Medicine, Montevideo, Uruguay.
- NOV 1994            New applications of electrical stimulation techniques / Atlanto-occipital and sphenopalatine block / Stellate ganglion block / Peripheral neurolysis / Epidural neurolysis / Subarachnoid neurolysis / Hypogastric plexus and ganglion impar block / Facet Block. Interventional Pain Management, An Advanced Techniques Seminar, sponsored by Dannemiller Memorial Educational Foundation, San Diego, California.
- DEC 1994            A comparison of two techniques for stellate ganglion block. Postgraduate Assembly, The New York State Society of Anesthesiologists, Inc., New York City, New York, 1994.
- JAN 1995            Neurostimulation and neurolytic pain therapy. Comprehensive Pain Medicine/Management Certification Examination Review Course, Pain Net, Inc. Dallas, Texas.
- FEB 1995            Lectures at Radionics/Pain Net, Inc. Radiofrequency Pain Management Workshop Symposium, Palm Springs, California.

- MAR 1995 Pain treatment centers at a crossroads: A practical and conceptual reappraisal, Johns Hopkins Pain Treatment, Baltimore, Maryland. (A proceedings textbook will be developed from this symposium.)
- MAR 1995 A new technique for lumbar sympatholysis using radiofrequency thermal coagulation and somatic nerve blocks. Video produced at Texas Tech University Health Sciences Center in Lubbock. Presented at ASRA annual meeting, Orlando, Florida.  
Scientific Exhibit: A comparison of two techniques for stellate ganglion blockade. Poster by William Ackerman, M.D. and Gabor B. Racz, M.D. produced at Texas Tech University Health Sciences Center in Lubbock. Presented at ASRA annual meeting, Orlando, Florida
- MAR 1995 Peripheral nerve stimulation: techniques and complications / Fire and ice: cryoneurolysis and radiofrequency thermocoagulation / Management of chronic sympathetically maintained pain / Management of Chronic Epidural Adhesions. Managing the experience of Chronic Pain, A Multidisciplinary Approach, sponsored by Dannemiller Memorial Educational Foundation, Scottsdale, Arizona.
- APR 1995 RSD and new techniques of pain management: Grand Rounds for Department of Neurology, Texas Tech University Health Sciences, sponsored by Continuing Medical Education, Lubbock, Texas.
- JUN 1995 How to stay out of medico legal trouble / RFTC and somatic nerve blocks for CRPS. 12th Annual Pain Symposium, Texas Tech University Health Sciences Center, Lubbock, Texas.
- JUN 1995 Consultant: Botulinum toxin: Basic Science and Clinical Therapeutics Conference hosted by Allergan. Munich, Germany.
- JUN 1995 Consultant/lecturer (pain management): Physicians in university and private groups. Budapest, Hungary.
- JUL 1995 Electrical stimulation analgesia (lecture) / Techniques of spinal cord stimulation (workshop): 29th Annual Meeting of the Japan Society of Pain Clinicians, Sapporo, Japan.
- AUG 1995 Interventional Therapy. The Second East-West International Conference on Pain Management, Beijing, China
- SEP 1995 Role of radiofrequency in interventional pain management. Radiofrequency Techniques in the Management of Chronic Pain, a Radionics Inc. Seminar, Newport Beach, California.
- SEP 1995 Stimulators, implantable therapies, and invasive therapies. Restoring the Body, Mind and Spirit - New Horizons in Chronic Pain Management Symposium hosted by Meridia Center for Rehabilitation and Pain Management, Cleveland, Ohio.
- SEP 1995 CRPS: Complex Pain Regional Syndrome: Grand Rounds for Department of Internal Medicine, Texas Tech University Health Sciences Center.
- OCT 1995 New concepts in pain management. Keynote lecture, visiting professor and grand rounds. St. Luke's-Roosevelt Hospital Center, New York, New York.
- OCT 1995 Adding cryoneurolysis to your practice / cryoneurolysis ' Adding spinal cord stimulation to your practice / Complications and the management of spinal cord stimulation 'Adding epidural neurolysis to your practice / Epidural chemical neurolysis / Epidural hypertonic saline and steroids for chronic radicular pain / Neurolytic stellate ganglion block. Dannemiller Memorial Educational Foundation Review Course, Lake Buena Vista, Florida.

- OCT 1995 Update on benefits and risks of new invasive techniques. Panel presented at 1995 Annual Meeting American Society of Anesthesiologists, Atlanta, Georgia. A new technique for lumbar sympatholysis using radiofrequency thermal coagulation and somatic nerve block. Video produced at Texas Tech University Health Sciences Center in Lubbock. Presented at 1995 Annual Meeting American Society of Anesthesiologists, Atlanta, Georgia. 40
- OCT 1995 A new technique for lumbar sympatholysis using radiofrequency thermal coagulation and somatic nerve block. Video produced at Texas Tech University Health Sciences Center in Lubbock. Presented at 1995 Annual Meeting American Society of Anesthesiologists, Atlanta, Georgia.  
PUBLICATION: News coverage of exhibit: Anesthesiology News, January, 1996.
- NOV 1995 Closed Workshop to complete a current reappraisal of those conditions termed RSD and causalgia (CRPS Types I and II - new taxonomy). Proceeds will be published by the IASP Press. Beverly Hills, California.
- NOV 1995 The indications and efficacy of nerve blocks for CRPS (RSD). American Pain Society Annual Meeting, Los Angeles, California.
- DEC 1995 Role of peripheral nerve stimulation for the Management of Intractable Pain (lecture) and Neurolysis for non-malignant pain: Do we have an indication? (panel). Current Concepts in Acute, Chronic and Cancer Pain Management Conference hosted by Memorial Sloan-Kettering Cancer Center, Subhash Jain, MD, Director, New York, New York.
- DEC 1995 Role of radiofrequency in interventional pain management. Radiofrequency Techniques in the Management of Chronic Pain, a Radionics Inc. Seminar, San Antonio, Texas.
- DEC 1995 Lecture. Texas Tech University Health Sciences Center at El Paso, Department of Anesthesiology, El Paso, Texas.
- JAN 1996 Interventional workshop speaker: Neurolysis. Pain Net, Inc.'s January Interactive Pain Management Diagnostic & Interventional Workshop, Irving, Texas.
- FEB 1996 Role of radiofrequency in interventional pain management. Radiofrequency Techniques in the Management of Chronic Pain, a Radionics Inc. Seminar, Miami, Florida.
- FEB 1996 Guest lecturer. Annual Meeting Liverpool Medical Institution, Liverpool, England. Side trip to teach, lecture and direct pain management procedures in Budapest, Hungary.
- MAR 1996 Lumbar sympatholysis using radiofrequency thermal coagulation and somatic nerve block: A new approach to CRPS. IARS 19th Clinical and Scientific Congress, Washington, DC.
- MAR 1996 Invited attendee to Napa Valley conference designed to bring experts in the field of neuromodulation from the USA, Europe, and the Middle East together to informally discuss their work in the field of neuromodulation. Director, Elliot S. Krames, MD. Sponsored by Neuromed Corporation and Radionics Corporation, San Francisco, California.
- MAR 1996 ASRA meeting. San Diego, California.
- MAR 1996 Video presentation: A new technique for lumbar sympatholysis using radiofrequency thermal coagulation and somatic nerve block. Video produced at Texas Tech University Health Sciences Center in Lubbock, Texas. Presented at 1996 IARS meeting, Washington DC.



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- MAR 1996 Special meeting: Academic Anesthesia in Transition: 1996 to 2000. Panel: Residency, projections compared to today; planning needs; strategies, techniques for achieving training. Association of Anesthesiology Program Directors/Society of Academic Anesthesiology Chairs, Chicago, Illinois. 41
- APR 1996 Techniques of diagnostic blocks and procedures: Thoracic region / Medical and legal issues. A hands-on cadaver workshop, Radiofrequency techniques in the management of chronic pain, sponsored by Radionics Inc. St. Louis, Missouri.
- MAY 1996 Combined lumbar RFTC sympatholysis and somatic nerve block: A new technique for treating SMP+SIP. 5th Annual AUA Satellite Symposium, Chatham, Massachusetts.
- MAY 1996 Investigator's meeting for Allergan Botox Protocols 145-8051 and 146-8051. Sponsored by PAREXES International Corporation and Allergan. Dallas, Texas.
- MAY 1996 Association of University Anesthesiologists Annual Meeting. Boston, Massachusetts.
- MAY 1996 Combined lumbar RFTC sympatholysis and somatic nerve block: A new technique for treating SMP + SIP, a scientific exhibit presented at Outcomes Research 5th Annual AUA Satellite Symposium, Cape Cod, Massachusetts.
- JUN 1996 Radionics, Philadelphia, Pennsylvania  
JUN 1996 Neuroplasty (Lysis) / Radiofrequency and phenol sympatholysis as part of treatment for Complex Regional Pain Syndrome I and II / Case Procedures using Botox: 13th annual Pain Symposium, Texas Tech University Health Sciences Center Department of Anesthesiology, Lubbock, Texas.
- JUN 1996 Technique of diagnostic blocks and procedures: lumbar region / Medical and legal issues: Radiofrequency Techniques in the Management of Chronic Pain, sponsored by Radionics. Philadelphia, Pennsylvania.
- JUL 1996 Catheter placement techniques: cervical, thoracic, lumbar; lysis of adhesions; direction depth direction / Curved needle techniques / Hands-on cadaver workshop: Interventional Pain Management Techniques, sponsored by Pain Net, Inc., Dallas, Texas.
- JUL 1996 Botulinum Toxin A for Use in Pain Management / Epidural Neurolysis / Facet Nerve Block Techniques / Overview of Neuroaugmentation: Spinal Cord and Peripheral Nerve Stimulation / Cryoanalgesia and Radiofrequency Neurolysis. Dannemiller Memorial Foundation Pain Review Course, Kansas City, Kansas.
- AUG 1996 Techniques of diagnostic blocks and procedures: lumbar region / medical and legal issues / Back pain and sciatica / Cervical techniques workstation: Radiofrequency Techniques in the Management of Chronic Pain, sponsored by Radionics, Newport Beach, California.
- AUG 1996 Management of complications of implantation and infusion techniques / Why trial stimulation is so important / Implantation techniques for spinal cord stimulation / Complex regional pain syndrome (CRPS): Diagnosis, management (Redefinition of RSD) / Neurolytic atlanto-occipital and sphenopalatine ganglion / Epidural neurolysis and lysis of adhesions in chronic radicular pain / Recent advances in pain pharmacotherapy: Botulism toxin. Interventional Pain Management, an official satellite meeting of the IASO 8th World Congress on Pain, Hamilton, Bermuda.
- OCT 1996 Two video presentations: The 3-D Technique for Cervical Epidural Catheterization of Treating Cervical Pain / Double Epidural Catheter Technique for Pain Management. Video produced at Texas Tech University Health Sciences Center in

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- Lubbock. Presented at American Society of Anesthesiology, New Orleans, Louisiana. 42
- OCT 1996 Epidural lysis / The paradigms of low back pain / Rationale for the nonsurgical invasive techniques in low back pain. 7th International Symposium The Pain Clinic, sponsored by World Society of Pain Clinicians, Organized by Turkish Society of Algology (IASP Chapter), Istanbul, Turkey.
- OCT 1996 Epidural Neurolysis / Complex Regional Pain Syndrome / Spinal Cord Stimulation for Angina, Peripheral Vascular Disease: (Director and Lecturer) First Budapest Interventional Pain Workshop on Pain Procedures for Chronic Pain, Budapest, Hungary.
- OCT 1996 Innovations in Therapy for Myofascial Pain Syndrome / Workshop: Head and Face Trigger Point Injections, Demonstrations with Live Models. Contemporary Management of Myofascial Pain Syndrome Conference chaired by P. Prithvi Raj, MD, sponsored by Allergan. Beverly Hills, California.
- NOV 1996 What's New in Pain Therapy-Botulinum Toxin / Atlanto Axial & Sphenopalatine Nerve Block / Epidural Neurolysis & Lysis of Adhesions With Hypertonic Saline. Society for Pain Practice Management presented workshop entitled An Advanced Pain Practice Management Workshop. San Francisco, California.
- NOV 1996 Lysis of Epidural Adhesions Utilizing the epidural Approach / Interventional Techniques for Complex Regional Pain Syndromes. First Hellenic Pain Congress sponsored by Hellenic Pain Society, Athens Greece.
- DEC 1996 Patient Selection for Catheter Techniques / Direction Depth Direction. Session Chairman and Cadaver workshop instructor. Interventional Pain Management Techniques workshop sponsored by Radionics. San Antonio, Texas.
- JAN 1997 Current Status of Intrathecal Therapy for Non malignant Pain: Clinical Realities and Economic Considerations. Invited participation in Non-Malignant Pain Management roundtable, Memphis, Tennessee.
- JAN 1997 Session Chairman / Mechanisms and Pathophysiology of Spinal Pain, Cervical and Lumbar / Direction Depth Direction / Complications Management / Botox. Hands-on cadaver workshop Interventional Pain Management Techniques sponsored by Radionics, San Diego, California.
- JAN 1997 Clinical Applications of Botulinum Toxin in Pain Management. Pain Intervention Interest Group of the Pain Society of Great Britain and Ireland, Whipps Cross Hospital, London, England.
- FEB 1997 Interventional Techniques for Pain Management. Refresher Course in Anesthesiology, Department of Anesthesiology, Texas Tech University Health Sciences Center, Lubbock, Texas.
- MAR 1997 The 3-D Technique for Cervical Epidural Catheterization in Treating Cervical Pain - Gabor Racz, M.D., James H. Diede, M.D., Christopher Wenger, M.D., Joel Hoffman, M.D., James E. Heavner, D.V.M., Ph.D. Scientific Exhibit at 71st Clinical and Scientific Congress sponsored by International Anesthesia Research Society in San Francisco, California.
- MAR 1997 Epidural Catheter Placement / Lysis of Adhesion / Direction Depth Direction. Interventional Pain Management Techniques Workshop sponsored by Radionics in Orlando, Florida
- MAR 1997 CRPS - Continuum of Care - Interventional Techniques / Lysis of Adhesions - Single/double Catheter / Radiofrequency Lesioning--stellate, thoracic, lumbar sympathetic / Trial Spinal Cord Stimulation - Reduce Complications / Cervical Epidural Catheter Placement. Society for Pain Practice Management Meeting,

- APR 1997 Two Scientific Exhibits:  
• The 3-D Technique for Cervical Epidural Catheterization in Treating Cervical Pain - Gabor Racz, M.D., James H. Diede, M.D., Christopher Wenger, M.D., Joel Hoffman, M.D., James E. Heavner, D.V.M., Ph.D. and Double Epidural Catheter Techniques for Pain Management - Gabor B. Racz, M.D., Mike Hammer, M.D., James H. Diede, M.D., James E. Heavner, D.V.M., Ph.D. displayed at the 22nd Annual Meeting and Workshops of American Society of Regional Anesthesia in Atlanta, Georgia.
- APR 1997 Use of Botulinum Toxin in Pain Management / Radiofrequency Neurolysis in the Management of Pain / A Pain Specialist's Guide to Implantation Techniques for Drug Delivery Systems - Tricks of the Trade / Current Status of Spinal Opioids in the Management of Non-malignant Pain. Pain Management Update workshop sponsored by Dannemiller Memorial Educational Foundation, San Diego, California.
- APR 1997 Malpractice Experience in the World of Pain and How to Stay Out of Trouble. Texas Society of Anesthesiology Interim Meeting, Scott & White Hospital, Temple, Texas
- MAY 1997 Lecture at Hungarian Society of Anesthesia, Budapest, Hungary.
- MAY 1997 Epidural Catheter Placement Techniques / Lysis of Adhesions. Lectures at Interventional Pain Management Techniques workshop sponsored by Radionics, Boston, Massachusetts.
- JUN 1997 Lecture: Balanced Approaches to Pain Management. First Annual Terence M. Murphy Memorial Lecture Series presenting Gabor B. Racz as First Lecturer. The University of Washington Multidisciplinary Pain Center and Department of Anesthesiology, John Loeser Chairman, Seattle, Washington
- JUN 1997 Spinal Cord and Peripheral Nerve Stimulation / Neuroplasty (Lysis) / Operating Room Procedures and Cadaver Laboratory. 14th Annual Pain Symposium, Texas Tech University Health Sciences Center Department of Anesthesiology Pain Services, Lubbock, Texas.
- JUL 1997 Consultant. Interventional Therapies Workshop, Dannemiller Memorial Education Foundation, sponsored by Medtronic. Memphis, Tennessee
- JUL 1997 Epidural Catheter Placement / Complications Management / Cadaver Workshops. Interventional Pain Management Techniques Workshop sponsored by Radionics, Chicago, Illinois
- JUL 1997 Facet Nerve Block Techniques / Intercostal and paravertebral Nerve Block / Overview of Neuroaugmentation: Spinal Cord and Peripheral Nerve Stimulation / Cryoanalgesia and Radiofrequency Neurolysis. The Principles and Practice of Pain Management Workshop, Dannemiller Memorial Education Foundation, Kansas City, Kansas
- AUG 1997 Interventional Pain Management Techniques, Current Clinical Prospectives/ Interventional Pain Management Techniques, Case Study Reports/ Chairman Morning session. Radionics workshop, Newport Beach, California
- SEP 1997 Lecture: Interventional Pain Management Techniques, Current Clinical Prospectives / Interventional Pain Management Techniques, Case Study Reports. Interventional Pain Management Workshop sponsored by Radionics, New Orleans, Louisiana
- SEP 1997 Lecture: Lysis of Spinal Adhesions and Hypertonic Saline Neurolysis / Botox

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- Therapy: Use for Dystonia and Muscle Spasm and Applicability to Pain Management. Elliot Krames, Course Director. Viadollid Spain 44
- SEP 1997 Lecture: Advances in Interventional Techniques in the USA at World Institute for Pain, Barcelona, Spain
- SEP 1997 Lecture and Course Director: Second Annual Budapest Conference, Budapest, Hungary
- OCT 1997 THIRD PLACE POSTER - Posterior sacral approach to the sciatic nerve for continuous lidocaine infusion: a new technique. Exhibit at American Society of Anesthesiologists annual meeting, San Diego, California.
- OCT 1997 Lecture: Galvanism Electrical Stimulation and Pain, topic for Panel Discussion in the History of Anesthesia at 1997 American Society of Anesthesia in San Diego, California.
- OCT 1997 Panel Topic: Chronic Pain Management: My Way is the Correct Way. American Pain Society meeting in New Orleans, Louisiana
- NOV 1997 Complex Regional Pain Syndrome / Invasive Treatment Modalities. Chronic Pain Management Workshop, Glen Scholte, Course Director, Shreveport, Louisiana.
- NOV 1997 Spinal Cord Stimulation. Interventional Pain Management Workshop, Steve Waldman, Course Director. New Orleans, Louisiana.
- NOV 1997 Interventional Pain Management Techniques, Current Clinical Prospectives. Lecture and Cadaver Workshop at Radionics Workshop, Carefree, Arizona
- NOV 1997 Lectures: Peripheral Nerve Stimulation / Epidural Neurolysis. American Society of Regional Anesthesiology (ASRA) Pain Review Course, New Orleans, Louisiana
- DEC 1997 Posterior sacral approach to the sciatic nerve for continuous lidocaine infusion: a new technique. Exhibit at Postgraduate Assembly of the New York State Society of Anesthesiologists, Inc. New York City, New York.
- 1997 Double Epidural Catheter Technique for Pain Management (Scientific Exhibit). ASRA, Atlanta, Georgia.
- 1997 Posterior Sacral Approach to the Sciatic Nerve for Continuous Lidocaine Infusion - A New Technique. (Scientific Exhibit). American Society of Anesthesiologists, San Diego, California.
- 1997 Posterior Sacral Approach to the Sciatic Nerve for Continuous Lidocaine Infusion - A New Technique. (Scientific Exhibit). New York PGA, New York, NY.
- 1997 The 3-D Technique for Cervical Epidural Catheterization in Treating Cervical Pain (Scientific Exhibit). IARS annual meeting, San Francisco, California
- 1997 The 3-D Technique for Cervical Epidural Catheterization in Treating Cervical Pain (Scientific Exhibit). (Scientific Exhibit). ASRA, Atlanta, Georgia.
- 1997 Double Epidural Catheter Technique for Pain Management (Scientific Exhibit). ASRA, Atlanta, Georgia.
- 1997 Posterior Sacral Approach to the Sciatic Nerve for Continuous Lidocaine Infusion - A New Technique. (Scientific Exhibit). American Society of Anesthesiologists, San Diego, California.
- 1997 Posterior Sacral Approach to the Sciatic Nerve for Continuous Lidocaine Infusion - A New Technique. (Scientific Exhibit). New York PGA, New York, NY.

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- DEC 1997            Lecture: Radionics Workshop, San Antonio, Texas 45
- DEC 1997            Lecture: Current Concepts in Pain, Subhash Jain Conference, New York, New York.
- DEC 1997            Lecture: Radionics Workshop, Fort Lauderdale, Florida
- JAN 1998            Lysis of Adhesions / Direction Depth Direction / Lectures and session chairman and cadaver workshop instructor. Interventional Pain Management Techniques, sponsored by Radionics, Fort Worth, Texas.
- FEB 1998            Panel: Back pain-diagnostic blocks/Workshop: Do neurolytic blocks have a place in chronic non-malignant pain?/Neuroplasty via caudal and cervical catheters. International Meeting on Pain Control and Regional Anaesthesia, Jaipur, India.
- FEB 1998            Lecture and clinical presentation: Whipps Hospital, Liverpool, England
- FEB 1998            What Is New in Interventional Techniques in Pain Management. Refresher Course, Department of Anesthesiology, Texas Tech University Health Sciences, Lubbock, Texas.
- FEB 1998            Pain Management Neurolytic Procedures. Annual Refresher Course sponsored by Department of Anesthesiology, Texas Tech University Health Sciences Center, Lubbock, Texas.
- MAR 1998            Dinner Panel and lectures: A-Occipital & Atlanto-Axial Injection Technique / Stellate Ganglion Block / Trigeminal Nerve Block / Gloss pharyngeal Nerve Block / Cervical Epidural Nerve Block / Facet Block / Celiac Plexus Block / Lumbar Sympathetic Block / Lumbar Plexus Block / Sciatic Nerve Block. Pain Management Workshop sponsored by Society for Pain Practice Management, Scottsdale, Arizona.
- MAR 1998            Update in Spinal and Other Stimulation Techniques / Newer Interventional Techniques / Lumbar Discography and Dorsal Root Ganglia Block. Fifth Annual Illinois Pain Treatment Institute, Ltd. "Update in Interventional Pain Management, arranged by Dr. John Prunskis, Salt Lake City, Utah.
- MAR 1998            Lecture and Clinical Procedures. Whipps Cross Hospital, hosted by Dr. Charles Gauchi. London, England
- APR 1998            History and clinical overview / Patient Selection / Drug Delivery / Bi-lateral Stimulation / Technological Advances. Interventional Pain Management Techniques Seminar, arranged by Clinical Education Services and Radionics, Atlanta, Georgia.
- MAY 1998            Panel: CON Position: Do We Overuse Invasive Procedures?" ASRA Annual Meeting, Seattle, Washington.
- MAY 1998            Occipital & Greater Auricular Nerve Blocks, Stellate Ganglion Block / trigeminal Nerve Block Via the Coronoid Approach / Brachial Plexus Block / Cervical Epidural Nerve Block / Thoracic Epidural Block / Lumbar Epidural Block / Lumbar Sympathetic Nerve Block, Lumbar Plexus Block - The Winnie 3-in-1 Technique, Caudal Epidural Block, Epidural Neurolysis of Adhesions. Anesthesia Update - Compliance, Billing & Nerve Block Seminar, A SPPM Review Enhancement Workshop for Anesthesiologists and CRNAs, sponsored by Society for Pain Practice Management, Atlanta, Georgia.
- MAY 1998            Current Trends of Interventional Techniques in the USA. SMART 1998 Congress Centre Milanofiori Anesthesia and Interventional Pain Symposium. Milan, Italy.
- JUN 1998            Spinal Cord and Peripheral Nerve Stimulation / Neuroplasty / Cadaver Workshop

- and Symposium Director. Fifteenth Annual Pain Symposium, Department of Anesthesiology and Pain Services at Texas Tech University Health Sciences Center, Lubbock, Texas. 46
- JUN 1998 Fifteenth Annual Pain Symposium. Texas Tech University Department of Anesthesiology, Lubbock, Texas.
- JUN 1998 Radionics, Baltimore, Maryland
- JUN 1998 New Directions of Interventional Pain Management. Indiana Pain Society, Indianapolis, Indiana.
- JUL 1998 Epidural Neurolysis / Iliioinguinal, Lateral Femoral Cutaneous Nerve Block and Blocks of the Lower Extremity. The Principles and Practice of Pain Management, A Keyword Oriented Review of the Specialty, sponsored by Dannemiller Memorial Education, Kansas City, Missouri
- AUG 1998 Complex Regional Pain Syndromes-Diagnosis and Treatment / Role of epidural Neurolysis and Lysis of Adhesions in Chronic Radicular Pain Management / Advances in Pain Pharmacotherapy - Botulism Toxin / Indications, Technique and Mechanism of Spinal Cord Stimulation / Role of the Neurolytic Block of the Sympathetic Axis for Cancer Pain Management / When to Pump and When to Stimulate for Chronic Pain Management / Radiofrequency Techniques in the Management of spinal Pain / Theory and Practice of Implant Techniques. Keynote lecturer. Simposio Internacional sobre Manego del Dolor Agudo y Cronico - Pain in Argentina '98, Buenos Aires. Argentina.
- SEP 1998 Invited member to Education Forum for discussion of Pain Fellows Strategy; Current Pain Management Customers and Their Needs; the Role of Mentorships or Peer-to-Peer Programs; Review of Current Pain Management Programs; and Future Education Ideas. Sponsored by Medtronic Neurological, Minneapolis, Minnesota.
- SEP 1998 Sciatic nerve injection under Anesthesia / Spinal Cord Stimulation and Peripheral Nerve Stimulation. International Pain Congress, Lucerne, Switzerland.
- SEP 1998 Sacral Stimulation / Livermore International Memorial Panel Discussion: How Would You Treat These Patients, My Way or No Way?" / Course Director and cadaver workshop instructor. Third Annual Advanced Interventional Pain Conference and Cadaver Workshop, sponsored by World Institute of Pain, Budapest, Hungary.
- SEP 1998 Lysis of Adhesions / Site Specific Catheter Placement Techniques. First Annual Interventional Pain Conference and Cadaver Workshop. Athens, Greece.
- OCT 1998 Lysis of Adhesions / complex Regional Pain Syndrome / Electrical Stimulation/Spinal Cord Stimulation / Peripheral Nerve Stimulation / Radiofrequency / Other Nerve Blocks. Interventional Pain Management Workshop, Healthsouth Rehabilitation Hospital, Fort Lauderdale, Florida.
- OCT 1998 Clinical Forum: How to Manage Failed Low Back and RSD. American Society of Anesthesiology annual meeting, Orlando, Florida.
- OCT 1998 Lysis of Adhesions / Session chairman / Cadaver Workshop presenter. Interventional Pain Management Techniques sponsored by Radionics. Kiawah Island, South Carolina.
- OCT 1998 Spinal Column Stimulation / Principles of Adhesiolysis. Pain Management Conference hosted by St. Joseph's Hospital, Tampa, Florida.
- NOV 1998 Panel/lecture. American Academy of Physical Medicine and Rehabilitation

- NOV 1998 Advances in Interventional Techniques for Back and Neck Pain / Update on Invasive Approaches. Pain Management Towards 2000, sponsored by World Institute of Pain and hosted by Israel Pain Association. Eilat, Israel.
- NOV 1998 Invasive Pain Treatment, An Overview. 1998 Congress of the Dutch Association of Anesthesiology, Section Pain Control - The Anesthesiologist as Pain Therapist. Maastricht, Netherlands.
- DEC 1998 Site Specific Catheter Techniques and Short Term Stimulation Protocols / RF Lesioning Techniques for Lumbar Sympathectomy in RSD Patients / Session Chairman. Radionics interventional management and cadaver workshop. Phoenix, Arizona
- JAN 1999 Lecture and Cadaver Workshop Leader. Radionics interventional management and cadaver workshop: Injections, Catheters, Radiofrequency. Orlando, Florida.
- FEB 1999 Neuromodulation Techniques / Radiofrequency Lesioning. AAPM Hands-On Cadaver Course/Interventional Pain Management Techniques. Palm Springs, California.
- FEB 1999 Electric Stimulation for Pain Management. Pain Management Forum: A Specialty Update sponsored by Loma Linda University. Palm Springs, California.
- MAR 1999 Organizational meeting National Pain Foundation. Denver Colorado.
- MAR 1999 Epidural neuroplasty / sacral nerve root stimulation for pelvic pain / CRPS-peripheral nerve stimulation / Botulinum toxin (Botox) in pain management / Curved needle techniques for reducing radiofrequency related complication—lumbar and thoracic sympathectomy / Case presentation. 8th Bonica Pain Conference, sponsored by The Ohio State University Department of Anesthesiology. Vail, Colorado.
- MAR 1999 Electrical stimulation. Interventional Pain Conference arranged by Winston Parris. Tampa, Florida.
- APR 1999 Trial spinal cord stimulation. Interventional Pain Symposium arranged by Octavio Calvillo. Houston, Texas.
- APR 1999 Sacral nerve / Peripheral nerve stimulation / Lumbar radiation safety / Lumbar blocks / Lumbar radiofrequency / Lysis of Adhesions. Pain Conference arranged by Philip Finch, Perth, Australia.
- APR 1999 Patient selection and physician diagnosis / Lumbar techniques: facet and sympathetic. Radionics sponsored interventional pain and cadaver workshop, arranged by Clinical Education Services. Houston, Texas
- MAY 1999 Lysis of Adhesions and Racz catheter discussion. Interventional Pain Conference. Munich, Germany
- MAY 1999 Cordotomie and Termic Neurolesions: Peripheral Nerve Stimulation/Surgical / Electrical Neurological Stimulation of the Peripheral Nerves. Interventional Pain Treatment Workshop. Capri, Italy.
- JUN 1999 Neuroplasty / Neuroaugmentation for the Treatment of headache / Physiology and Target Sites for Treatment of Facial and Upper Neck Pain. TTUHSC Department of Anesthesiology Annual Pain Symposium. Lubbock, Texas
- JUN 1999 Interventional Pain Management. Annual Pain Symposium, The University of Texas Southwestern, Dallas, Texas.

- JUN 1999 Lysis of Adhesions / Peripheral Nerve Stimulation. 25<sup>th</sup> Anniversary Meeting of Mexican Society of Anesthesiologists. Mexico City, Mexico.
- JUN 1999 Lysis of Adhesions. Second Annual Pain Conference. Athens, Greece.
- JUL 1999 Lecture and Cadaver Workshop Leader. Radionics interventional management and cadaver workshop: Intermediate/Advanced Course. Boston.
- JUL 1999 Lecture and Cadaver Workshop Leader. Radionics interventional management and cadaver workshop: Intermediate/Advanced Course. Boston.
- JUL 1999 Lecture and Cadaver Workshop Leader. Radionics interventional management and cadaver workshop: Intermediate/Advanced Course. New York, New York.
- AUG 1999 Implantation Techniques for Implantable Drug Delivery Systems / Update on Alternative Drugs for epidural and spinal administration / Management of complications of implantation and infusion techniques. Intervention Pain Management arranged by Dannemiller Education Foundation. Bermuda.
- AUG 1999 Lesion Specific Delivery of Medications Through Injections and Catheter Placements. 9th World Congress on Pain, International Association for the Study of Pain. Vienna, Austria.
- AUG 1999 Therapeutical Aspects of CRPS and SMP. Neuromodulation Conference organized by Michael Stanton-Hicks in Budapest, Hungary.
- SEP 1999 Lecture and Cadaver Workshop Leader. Radionics interventional management and cadaver workshop: Injections, Catheters, Radiofrequency. Denver, Colorado.
- SEP 1999 Use of Botox A for Pain Management / Neuroplasty and Course Director. 4<sup>th</sup> Annual Advanced Interventional Pain Conference and Cadaver Workshop, Budapest, Hungary.
- SEP 1999 Epidural Steroids / Imaging Techniques in Regional Anesthesia. Scientific Committee of European Society of Regional Anesthesia (ESRA), Istanbul, Turkey.
- SEP 1999 Radiofrequency lesioning in the Treatment of Chronic Pain. 5<sup>th</sup> National Congress on Pain. Istanbul, Turkey.
- SEP 1999 Lysis of Epidural Adhesions. 7th Congress of the Spanish Pain Society. Malaga, Spain.
- OCT 1999 Epidural Lysis of Adhesions/ Neuroplasty. The Egyptian International Congress on Pain: 5000 Years to the New Millennium, Pyramisa Sharm El-Sheikh, Egypt.
- OCT 1999 Epidural Lysis of Adhesions / Spinal Injection and Radiofrequency Lesioning in Management of Pain. Radionics Interventional Pain and Cadaver Workshop, Boston, Massachusetts..
- DEC 1999 Spinal Endoscopy / Management of Epidural Fibrosis. and Cadaver Workshop Leader. Radionics interventional management and cadaver workshop: Intermediate/Advanced Course. Dallas, Texas
- DEC 1999 Neurolysis for Non-Malignant Pain: Do We Have Indications? Current Concepts in Acute, Chronic and Cancer Pain Management Workshop present by The World Foundation for Pain Relief and Research, Inc. New York City, New York.
- JAN 2000 Lecture. Interventional Pain Conference at Baylor Medical Center. Houston, Texas.



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- FEB 2000 Stimulators, pumps, Epiduroscopy, RF/blocks, Discography: Lecture and Cadaver Course Instructor. American Academy of Pain Medicine 2<sup>nd</sup> Annual Interventional Techniques Workshop and Cadaver course. New Orleans, Louisiana. 49
- FEB 2000 Lessons Learned, Lessons Taught: Experiences in the practice of Clinical Anesthesia. Refresher Course in Anesthesiology, Texas Tech University Health Sciences Center Department of Anesthesiology.
- MAR 2000 Myofascial and Neuropathic pain. Focus on Pain Conference on CRPS cosponsored by International Society and arranged by Robert Gerwin of Bethesda, Maryland. Conference in Phoenix, Arizona.
- MAR 2000 National Pain Foundation Board of Directors meeting. Denver, Colorado
- MAR 2000 Lecture and cadaver workshop. Radionics interventional management and cadaver workshop: Intermediate/Advanced Course. Redondo Beach, California.
- MAY 2000 Lecture and cadaver workshop. Radionics interventional management and cadaver workshop: Intermediate/Advanced Course. Minneapolis, Minnesota.
- MAY 2000 Lysis of Adhesions and Tun-L-Cath Using the Epidural Approach. North Pain Society, member or Spanish Pain Society, Vitoria-Gasteiz, Spain.
- JUN 2000 Lectures and Director. 17<sup>th</sup> Annual Texas Tech University Health Sciences Center Department of Anesthesiology Pain Symposium. Lubbock, Texas
- JUL 2000 Peripheral Nerve Stimulation for CRPS / Medtronic Symposium / Medtronic Roundtable / Modular Cadaver Course / Bladder and Pelvic Pain Stimulation. 9<sup>th</sup> World Congress. The Pain Clinic. International and American Neuromodulation Societies and World Institute of Pain. San Francisco, California.
- JUL 2000 Atlanto Occipital and Atlanto-Axial Injection Technique / Stellate Ganglion Block / Trigeminal Nerve Block / Lumbar Plexus Block / Cervical Epidural Nerve Block / Facet Block / Celiac Plexus Block / Lumbar Sympathetic Block / Epidural Lysis Adhesions / What's New in Pain Management / The Racz Procedure – Now We Have a Code...What's Next / Stimulators vs. Pumps - Matching the Modality to the Patient. Dannemiller Memorial Foundation Conference. Boston, Massachusetts.
- AUG 2000 Epidural Neurolysis and Lysis of Adhesions in chronic Radicular Pain / Atlanto-Occipital and Atlanto-Axial Injections in the Treatment of Headache and Neck Pain / Implantation Techniques for Implantable Drug Delivery Systems / Avoiding Technical Difficulties and Troubleshooting Post Implantation Problems / Management of Implantation Complications. Dannemiller Memorial Foundation Conference. San Francisco, California.
- SEP 2000 Lysis of Epidural Adhesions / Epiduroscopy / Lumbar and Caudal Neurolytics B locks. Colombian Society of Anaesthesia and the Colombian Chapter of IASP, Bogota, Columbia.
- SEP 2000 Lysis of Adhesions with the RACZ catheter. 6<sup>th</sup> International Vienna Pain Symposium, Vienna, Austria.
- SEP 2000 Lysis of Adhesions / Peripheral Nerve Stimulation / Panelist, The Future of Pain Medicine and Course Director Fifth Annual Interventional Pain Conference and Cadaver Workshop, Budapest, Hungary.
- OCT 2000 Forum: Knowing and treating spinal pathology / Post-laminectomy fibrosis: Treatment by epidural adhesiolysis. Lectures: Treating pain: old methods and new ideas / Stim-Cath: Role in patient screening for spinal stimulation in the treatment

- of acute pain conditions / Knowing new approaches, opening up new possibilities: L4 root block: Therapeutic possibilities. Spanish Chapter of the European Society of Regional Anesthesia (ESRA), Valencia, Spain 50
- NOV 2000 The role of the anesthesiologist in the treatment of chronic pain syndromes and a workshop: Nerve blocks in the treatment of Complex Regional Pain Syndromes. Joint Congress of the Swiss Anesthesia and Pain Societies, Lugano, Switzerland.
- NOV 2000 Invited consultant. Advanced pain management workshop. Medtronic, Dallas, Texas.
- JAN 2001 Current application of interventional techniques. Baylor Medical Center, Octavio Calvillo, Director. Houston, Texas
- FEB 2001 Lysis of epidural adhesions / epiduroscopy / pulsed EMF for treatment of pelvic pain. Advanced interventional Pain Management. Keith Javery, Director. St. Thomas, Virgin Islands.
- MAR 2001 Lysis of epidural adhesions and cadaver workshop instructor. AAPM cadaver workshop, Miami Beach, Florida.
- MAR 2001 CRPS Workshop sponsored by Medtronic. Dallas, Texas.
- MAR 2001 Nerve Stimulation Revisited: Will it survive in the 21<sup>st</sup> Century / The Radio Frequency and Pulsed Radio Frequency Story / Lysis of Adhesions: Do we really know what we're doing? / The Curved-Blunt Needle's Role in Reduction of Complications / Neuro-Augmentation in Pelvic Pain and Facial Pain. John Bonica Conference. John McDonald, Director. Hawaii.
- MAR 2001 Radiofrequency. Clinical Education Services Workshop hosted by Radionics. Houston, Texas
- APR 2001 Lysis of adhesions / spinal cord stimulation lectures. American Society of Interventional Pain Physicians semi-annual interventional pain medicine course. Laxmaiah Manchikanti, Director. Las Vegas, Nevada.
- APR 2001 Consultant and Lecture. Complex Regional Pain Syndrome Conference hosted by Medtronic. Dallas, Texas
- ARR 2001 Keynote Speaker: Interventional Pain Management. Pain Workshop. Michael Hammer, Director. Birmingham, Alabama.
- MAY 2001 Epidural Lysis of Adhesions / Spinal Cord Stimulation: Present and Future: Costs-Profit-Risks / Complex Regional Pain Syndrome / Use of Botox in Management of Chronic Pain. International Pain Conference, Buenos, Aires, Argentina.
- MAY 2001 Lecture and Cadaver Workshop. Clinical Education Services Workshop, hosted by Radionics. Philadelphia, Pennsylvania.
- JUN 2001 Complex Regional Pain Syndrome / Lysis of Adhesions. 18<sup>th</sup> Annual Pain Symposium, Texas Tech University Health Sciences Center, Lubbock, Texas.
- JUN 2001 Practical guidelines for Neuromodulation / epidural Neuroplasty . Pain Management in the 21<sup>st</sup> Century, 1st World Congress of World Institute of Pain. Istanbul, Turkey.
- AUG 2001 Complex Regional Pain Syndromes Advisory Panel. Hosted by Medtronic. Minneapolis, Minnesota
- AUG 2001 Lecture and Cadaver Workshop. Clinical Education Services Workshop, hosted by Radionics. Boston, Massachusetts

- SEP 2001 Lysis of Adhesions lecture and Course Director. Sixth Annual Advanced Interventional Pain Conference and Cadaver Workshop. Budapest, Hungary.
- OCT 2001 Spinal Cord Stimulation / Lysis of Adhesions. 6<sup>th</sup> Biennial Congress Asian & Oceanic Society of Regional Anesthesia. Seoul, Korea
- OCT 2001 Lectures at annual meeting of American Society of Interventional Pain Physicians. Legislative Day with Senators and Congressmen. Laxmaiah Manchikanti, Director. Washington, D.C.
- DEC 2001 Lecture and Cadaver Workshop. Clinical Education Services Workshop, hosted by Radionics. Miami, Florida
- JAN 2002 Course Chairman, Lecture: *Transforaminal & Cervical Catheter Placement* and Cadaver workshops. Advanced spinal Techniques for Pain Management. HealthStream Education Design (supported by Epimed, Radionics, American Neuromodulation System. Gainesville, Florida
- MAR 2002 Course Chairman, Lecture: *Transforaminal & Cervical Catheter Placement* and Cadaver workshops. Advanced spinal Techniques for Pain Management. HealthStream Education Design (supported by Epimed, Radionics, American Neuromodulation System. Dallas, Texas
- MAR 2002 Lectures: *Atlanto-Occipital & Atlanto-Axial Injection Technique / sphenopalatine Ganglion Block / Celiac Plexus Block / Update on RSD and CRPS / Indications and Contraindications to Spinal Cord Stimulation / Implantation Techniques for the Pain Management Specialist / Cervical Injection Techniques: How to Do it Quickly, Safely and Correctly / and workshops*. Clinical Education Conference and Workshops. Phoenix, Arizona
- MAR 2002 Lectures: *Using Curved Blunt Needles / Splanchnic and Thoracic Sympathetic* at 9<sup>th</sup> annual Illinois Pain Treatment Institute. John Prunskis, Director. Telluride, Colorado
- APR 2002 Lecture and workshops. Clinical Education Conference and Workshops. Ft. Lauderdale, Florida
- APR 2002 Meeting Pain Program Directors. 27<sup>th</sup> Annual meeting ASRA. Chicago, Illinois
- MAY 2002 Lecture: *Lysis of Epidural Adhesions and Workshop with Phillip Finch / Other Modalities: Complex Regional Pain Syndrome*. World Society of Pain Clinicians, Guistino Varrassi, chairman; Sardinia, Italy
- MAY 2002 Lecture: *Epidural Lysis of Adhesions and workshop of Neural Blockade*. American Neuromodulation Society annual meeting. Arranged by Dr. Peter Staats. Orlando, Florida
- MAY 2002 Course Chairman, Lecture: *Transforaminal & Cervical Catheter Placement* and Cadaver workshops. Advanced spinal Techniques for Pain Management. HealthStream Education Design (supported by Epimed, Radionics, American Neuromodulation System. Barroughs Neuro – Phoenix, Arizona
- JUN 2002 Cadaver Workshop for residents and pain fellows. Arranged by Steve Loretz, Epimed, with Lawrence Poree at University California San Francisco
- JUN 2002 *Lysis of Adhesions* and workshops. 18<sup>th</sup> Annual Texas Tech University Health Sciences Pain Symposium, Lubbock, Texas
- JUN 2002 Course Chairman, Lecture: *Transforaminal & Cervical Catheter Placement* and Cadaver workshops. Advanced spinal Techniques for Pain Management.

- JUL 2002 *Minimal Invasive Epidural Neuroplasty Racz Procedure overview – indication – OP - demonstration / and workshop. Low Back Pain Symposium arranged by Ludger Gerdesmeyer, MD in Munich, Germany*
- JUL 2002 *Cervical Injection Techniques: How To do It Quickly, Safely & Correctly / epidural Neurolysis: How to Do It Quickly, Safely & Correctly and workshops. Dannemiller Memorial Education Foundation. Arranged by Steven Waldman, MD. Boston, Massachusetts*
- JUL 2002 Business Presentation with Medtronic Neurological group; discussion of present and future relations with Medtronic. Minneapolis, Minnesota
- AUG 2002 *Lecture and workshops. Clinical Education Conference and Workshops. Boston, Massachusetts.*
- SEP 2002 *Issues of Professional Regulation in Pain Medicine / Rehab for Post OP IDET and Laminectomy / Pain Conference arranged by Dr. Gregory Flynn. Tampa, Florida*
- SEP 2002 *Lysis of Adhesions / Radiation Safety / and workshops and Course Director. Seventh Annual Pain Conference and Workshop. Budapest, Hungary*
- SEP 2002 Registrar First World Institute of Pain Interventional Pain Examination. Budapest, Hungary
- SEP 2002 *Lecture: Stimulation techniques in Low Back Pain / discussant in Back pain Round Table IV / Moderator for Session on Radiofrequency in the Lumbar Region. ALGOS 2002, International Symposium of the World Institute of Pain, Santorini, Greece*
- OCT 2002 National meeting ASRA Pain Program directors called by Dr. Richard Rauck at ASA meeting. Orlando, Florida
- OCT 2002 *Transforaminal Epidural Steroids: Technique / Percutaneous Adhesiolysis Workshop / Discography & Transforaminal epidurals Workshop. American Society of Interventional Pain Physicians Comprehensive Interventional Cadaver Workshop. Memphis, Tennessee*
- NOV 2002 TENTATIVE ASRA annual meeting. Phoenix, Arizona
- JAN 2003 National Pain Foundation annual board meeting. Denver, Colorado
- FEB 2003 AAPM annual meeting. New Orleans, Louisiana
- MAR 2003 *Intrathecal Pumps / Managing Post Lumbar Laminectomy syndrome: Adhesions, Facet or Disc. Third Semi-Annual Interventional Pain Management/Practice symposium. ASIPP Annual Meeting. San Diego, California*
- MAR 2003 *Interventional Pain Management: Yesterday, Today, and Tomorrow. Pain Conference celebrating retirement of Dr. Winston Parris. St. Lucia, Virgin Islands*
- MAY 2003 ASIPP Legislative meetings and Capitol Hill Appointments
- MAY 2003 *Lysis of Adhesions. 25<sup>th</sup> National Congress Italian Association for the study of Pain and International Neuromodulation Society. Venice, Italy*
- MAY 2003 Lecture and Workshops. A Comprehensive Interventional Cadaver Workshop. Memphis, Tennessee

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JUN 2003	<i>Epidural Neurolysis / Case Discussions</i> Live from OR / Instructor for Cadaver Workshops. TTUHSC 20 <sup>th</sup> Annual Pain Symposium. Lubbock, Texas	53
JUN 2003	<i>Cadaver Demonstration Course Lumbar / Peripheral Nerve Stimulation for Pain.</i> 3003 International Neuromodulation Congress. Hosted by Enrique Reig. Madrid, Spain	
SEP 2003	<i>Lysis of Adhesions / Course Director</i> 8 <sup>th</sup> Annual Interventional Pain Conference and Workshop. Budapest, Hungary	
SEP 2003	Registrar Second World Institute of Pain-Pain Practice Interventional Examination. Budapest, Hungary	
SEP 2003	<i>Radiofrequency / CRPS.</i> Lecture SIG Sympathetic meeting arranged by Michael Stanton-Hicks. Budapest, Hungary	
OCT 2003	<i>PRF Trigeminal Neuralgia / International symposium</i> honoring the 70 <sup>th</sup> birthday of Prof. Menno Sluijter. Luzerne, Switzerland	
OCT 2003	<i>Head and Neck Region Discography, MBB, Neuroplasty / Pelvic Region Hypogastric, Sacral root Sleeve, Caudal Neuroplasty.</i> First WIP Interventional Puerto Rico Workshop, San Juan, Puerto Rico	
OCT 2003	lecture and workshop / ASIPP Cervical/Thoracic Workshop. Memphis, Tennessee	
NOV 2003	Minimally Invasive Technique for Back Pain: Epidural Adhesiolysis. Golden Triangle Symposium on Pain organized by Thai Association for the Study of Pain, Chiangrai, Thailand	
NOV 2003	Lysis of Adhesions. Biennial Congress of Asian & Oceanic Society of Regional anesthesia (AOSRA), Bangkok, Thailand	
FEB 2004	Invited lecturer to 6 <sup>th</sup> Annual Pain Symposium organized by Cleveland Clinic, Orlando, Florida	
JUN 2004	<i>Epidural Neurolysis / Case Discussions</i> Live from OR / Instructor for Cadaver Workshops. TTUHSC 21 <sup>th</sup> Annual Pain Symposium. Lubbock, Texas	
JUN 2004	<i>Workshop Leader</i> – Comprehensive Interventional Cadaver Workshop by American Society of Interventional Pain Physicians, Memphis, Tennessee	
JUN 2004	Consultant to Literature Selection Technical Review Committee (LSTRC) of the U.S. National Library, Washington D.C.	
JUL 2004	<i>Lysis of Adhesions / Cervical Facet / Lumber Facet and Workshops</i> – Comprehensive Hands-On Interventional Pain Management Course, Society for Pain Practice Management, Boston, Massachusetts.	
JUL 2004	<i>CRPS</i> – invited lecturer to 2 <sup>nd</sup> Annual Comprehensive Pain Board Review Symposium, Madison, Wisconsin	
SEP 2004	Lecture at 6 <sup>th</sup> Annual Meeting of American Society of Interventional Pain Physicians and Legislative Visits, and receiving Lifetime Achievement Award at Awards Dinner, Washington, D.C.	
SEP 2004	<i>Efficacy of Interventional Procedures /</i> symposium organizer / WIP Treasurer. Third WIP World Congress, organized by World Institute of Pain, Barcelona, Spain	
SEP 2004	Registrar and Examiner for WIP Fourth Interventional Pain Physician	

- OCT 2004 *The Latest and the Future of Interventional Pain Management.* Lecture for Covenant Health System Continuing Medical Education for Weekly Noon Physicians Conference
- NOV 2004 *Workshop Leader – The Voice of Interventional Pain Management Comprehensive Interventional Cadaver Workshop – Cervical/Thoracic/Lumber* by American Society of interventional Pain Physicians, Memphis, Tennessee
- JAN 2005 *Head and Neck Region / Caudal Neuroplasty / Update on Future Trends of Interventional Management.* Lectures for Second Interventional Workshop, hosted by WIP and Puerto Rico Pain Society. San Juan, Puerto Rico
- FEB 2005 *Peripheral Nerve Stimulation / Transforaminal Neuroplasty Techniques / Cervical Transforaminal Technique.* The Seventh Annual Pain Management Symposium, sponsored by the Cleveland Clinic. Orlando, Florida
- MAR 2005 Cadaver Faculty. A comprehensive Interventional Cadaver Workshop: Lumbar, Thoracic, and Cervical, sponsored by ASIPP, Memphis, Tennessee
- APR 2005 *Interventional Pain Management: Preservation thru Accountability, Advocacy, and Research / Percutaneous Adhesiolysis.* Seventh Annual Meeting and Symposium, ASIPP, New Orleans, Louisiana
- MAY 2005 *Neural Modulation by Blocks and Infusions / Radiofrequency Procedures / Interventional procedures in the sacral Region / Hypogastric lesion, caudal neuroplasty and Sacral Sleeve Injections.* International Forum on Pain Medicine, hosted by WIP, The European Federation of IASP Chapters and The Bulgarian Association of Pain Investigation and Treatment. Sofia, Bulgaria
- JUN 2005 *Lysis of Adhesions.* 22<sup>nd</sup> Annual Pain Symposium at Texas Tech University Health Sciences Center, Lubbock, Texas
- AUG 2005 *Lecture / 11<sup>th</sup> World Congress on Pain* hosted by International Association for the Study of Pain. Sydney, Australia
- SEP 2005 *Lysis of Adhesions / Head and Neck Region.* 10<sup>th</sup> Annual Budapest Conference and Practical Workshop and Examiner in 6<sup>th</sup> WIP FIPP Examination, Budapest, Hungary
- Oct 2005 *Spinal Cord Stimulation in Pain and Sacral Stimulation in Urinary and Gastroenterological Diseases.* 110<sup>th</sup> Anniversary of the Hungarian Society of Neurology and Psychiatry, Szeged, Hungary
- DEC 2005 *Cervical Neuropathy, Sharp vs. Blunt Needles and Safety Concerns.* 8<sup>th</sup> Asian & Oceanic Society of Regional Anesthesia and Pain Medicine. Chiba, Japan
- JAN 2006 *Safety and Efficacy of Cervical and Caudal Neuroplasty / Ethical Issues in Treating Pain and Suffering.* Update in Pain Management-Cadaver Workshop. Southwestern Medical Center, Dallas, Texas
- FEB 2006 Quarterly meeting National Library Committee Meeting – Washington D.C.
- MAY 2006 *Lysis of Adhesions / CRPS* and workshop instructor. 1<sup>st</sup> Pain Management Conference and workshop of Argentina. Juan Carlos Flores, director, WIP sponsor. Buenos Aires, Argentina.
- MAY 2006 *Hypo gastric lesions, caudal Neuroplasty and sacral sleeve injections / International procedures in the sacral region* and workshop instruction. PAIN, 2<sup>nd</sup> International Forum of Pain Medicine, Association of Pain Medicine Treatment,

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- Federation of Latin American and World Institute of Pain, Guadalajara, Mexico 55
- JUNE 2006 *The Future of Interventional Pain Management -/ politics Shape Our Future. Lectures and ASIPP Legislative visit at ASIPP annual meeting - Washington D.C.*
- JUNE 2006 Quarterly meeting National Library Committee Meeting – Washington D.C.
- JULY 2006 *Patterns of Injury / Other Spinal Injections and therapeutic Intervention (Lectures / Panel Discussion. International Spine Intervention Society annual meeting. Salt Lake City, Utah.*
- SEP 2006 *Indication for Use of Interventional Procedures in the Treatment of Cancer Pain. Spartanburg Regional Healthcare System. Spartanburg, South Carolina.*
- SEP 2006 *Lysis of Adhesions. and workshop. Budapest 11<sup>th</sup> Annual Interventional Conference-Workshop and FIPP Examination. Hosted by WIP. Gabor Racz is President of World Institute of Pain (WIP) and will preside at the conference. Budapest, Hungary.*
- OCT 2006 *Lectures and Live Procedures. Singapore Medical Council and Singapore General Hospital- Oct. 10-11, 2006.*
- OCT 2006 *Lectures at conference at Korean Institution of the Korean Pain Society Seoul, Korea*
- OCT 2006 Quarterly meeting National Library Committee Meeting – Washington D.C.
- JAN 2007 *Lectures at 2<sup>nd</sup> Annual Meeting of Illinois Society of interventional Pain Physicians, Chicago, Illinois, January 19, 2007*
- JAN 2007 *Interventional therapies for spinal stenosis and failed back syndrome. Interventional Therapies for Chronic Pain, 5<sup>th</sup> International Symposium of the Catalan Pain Society, College of Metges de Barcelona. Jan 25, 2007.*
- FEB 2007 *Trends in Interventional Pain Management / Epidural Neurolysis and spinal Stenosis. Update in Pain Management with Cadaver Workshop, UT Southwestern, Dallas Texas Feb 17-18, 2007*
- Lectures at The 9<sup>th</sup> Annual Pain Management Symposium, by Cleveland Clinic Department of Pain Management. Orlando, Florida Feb 10-14, 2007*
- FEB 2007 Quarterly meeting National Library Committee Meeting – Washington D.C.
- MAR 2007 *Lectures in Review Course/workshop and Examiner at 10<sup>th</sup> FIPP Examination by WIP-ASIPP in Memphis, Tennessee, March 9-11, 2007*
- JUN 2007 *Epidural Adhesiolysis: the evidence at symposium on Evidence in Interventional Pain Management, arranged by Dr. Charles Gauci, London, England June 21-24, 2007*
- JUNE 2007 *Outcomes of Interventional Procedures in the Sacral Region at 3<sup>rd</sup> Interventional Forum on Pain Medicine. Montreal, Canada June 28-July 1, 2007*
- JUN 2007 Quarterly meeting National Library Committee Meeting – Washington D.C.
- SEPT 2007 *Lectures Pain Symposium organized by Austrian Foundation of the American Austrian Foundation. Belgrade, Serbia September 20-22, 2007*
- OCT 2007 *Epidural Injections and Adhesiolysis and Workshop` – American Society of Anesthesiologists, San Francisco, CA*

OCT 2007	<i>Lecture/Workshop</i> – Pain Symposium – organized by Dr. Ira Fox. Fort Lauderdale, FL
OCT 2007	Quarterly meeting National Library Committee Meeting – Washington D.C.
SEPT 2007	<i>Lectures/workshop and examiner at FIPP Examination.</i> Will serve as President of WIP and Course Director. WIP 4 <sup>th</sup> World Congress, Budapest, Hungary September 25-28, 2007 11 <sup>th</sup> FIPP Examination September 29, 2007
JAN 2008	<i>Lysis of Adhesions.</i> Nottwil Switzerland Conference with Schleinzer Wolfgang
FEB 2008	<i>Advances in Epidural Lysis of Adhesions Procedure / Mechanisms of Injury from Injection Procedures: How to Avoid Them “Rimum Non Nocere” and workshops.</i> The Southwestern Medical Center Pain Symposium Dallas, Texas
FEB 2008	<i>Lectures and Workshop.</i> Workshop Decompressive Neuroplasty and RF of Cervical/Lumbar Facet - World Anaesthetic Association meeting in Cape Town, South Africa
FEB 2008	<i>Keynote Speaker</i> at 4 <sup>th</sup> Annual Pain Symposium, Pain Management for the Practicing Physician. Oklahoma City, Oklahoma
MAR 2008	<i>Epidural Lysis of Adhesions and Workshop Review Course and FIPP Examination</i> – Memphis, Tennessee
APR 2008	Speaker Celebration of Death, Samuel Hassenbusch. The University of Texas MD Anderson, Houston, Texas.
MAY 2008	Lectures: Lysis of Adhesions, conference and consultant with administrators in training program at Harvard University, Boston, Massachusetts
MAY 2008	Lectures, Workshop in Budapest, Hungary
MAY 2008	Lectures, workshops and live procedures in Kuala Lumpur, Malaysia
MAY 2008	Lectures and live procedures. 13 <sup>th</sup> International Pain Clinic Congress – Seoul, Korea
JUN 2008	<i>Epidural Lysis of Adhesions</i> - First World Congress of Minimally Invasive Spine Surgery & Techniques, Honolulu, Hawaii
JUNE 2008	<i>Lysis of Adhesions and Workshop</i> - 25 <sup>th</sup> Annual TTUSC Pain Symposium – Lubbock,
JUN 2008	Quarterly meeting National Library Committee Meeting, Washington D.C.
JUN 1008	Legislative Visits during ASIPP Annual meeting, Washington DC
JUL 2008	Lectures, conferences with administration, consultant. Department of anesthesiology, SUNY Upstate Medical University, Syracuse, NY
AUG 2008	Lectures and workshop for Georgia Society of Interventional Pain Physicians, organized by Richard Epter at Greensboro, Georgia
AUG 2008	Lectures, workshops at 37 <sup>th</sup> Argentine Congress of Anesthesiology organized by Juan Carlos Flores, Bogotá, Argentina
SEP 2008	Lectures-Workshops. 13 <sup>th</sup> Annual Interventional Pain Conference and 14 <sup>th</sup> FIPP Examination. Budapest, Hungary



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OCT 2008	<i>Epidural Injections and Adhesiolysis.</i> The Annual Guy's and St. Thomas' Pain Management Symposium and Workshop, London, England	57
OCT 2008	Quarterly meeting National Library Committee Meeting – Washington DC	
FEB 2009	Lectures-workshop. International Pain Conference. Rome, Italy	
FEB 2009	Quarterly meeting National Library Committee Meeting, Washington D.C.	
MAR 2009	<i>Suboccipital Compartment Decompression</i> seminar and examiner for 14 <sup>th</sup> FIPP Examination. WIP 5 <sup>th</sup> World Congress. New York City, NY	
MAR 2009	Invited Board Member - Relistor Global Medical Advisory Board Meeting (agenda: Relistor (methylnaltrexone bromide) selective, peripheral, opioid-receptor antagonist that is designed to reverse certain side effects induced by treatment with opioids) New York City	
APR 2009	Lecture <i>Pain Management in Older Adults</i> – Garrison Institute on Aging. Lubbock Texas	
MAY 2009	Visiting Professor – Vanderbilt University. Lecture (Latest with Lysis of Adhesions) at Grand Rounds in Anesthesiology Department; lectures and master class with fellowship program and procedures with Dr. Sukdeb Datta. Vanderbilt University, Nashville, Tennessee	
MAY 2009	<i>Update on Lysis of Adhesions</i> Lecture for Austin Pain Society. Austin, Texas	
JUN 2009	Lectures-Workshop – TTUHSC 26 <sup>th</sup> Annual Pain Symposium. Lubbock, Texas	
JUN 2009	<i>Lecture-workshop</i> – International Pain Conference arranged by Dr. Adnan Al Kaisy London, England	
JUN 2009	Quarterly meeting National Library Committee Meeting – Washington DC	
JUN 2009	<i>Lectures-Workshop</i> – Dr. Charles Gauci arranges annual Interventional Pain Conference. London, England	
AUG 2009	5th Annual GSIPP Summer Meeting. Georgia Society of Interventional Pain Physicians. Greensboro, Georgia	
SEP 2009	Lectures, Workshop, Director of 14 <sup>th</sup> Annual Budapest Interventional Conference. Examiner in 15 <sup>th</sup> FIPP Examination. Budapest, Hungary.	
SEP 2009	Lectures, Workshop – Italian Pain Society organized by Dr. Diego Beltrutti. Italy	
OCT 2009	Quarterly meeting National Library Committee Meeting, Washington D.C.	
Oct 2009	Lectures for Barcelona Pain Society conference organized by Dr. Ricardo Ruiz-Lopez. Barcelona, Spain	
OCT 2009	Lecture-workshop – International Pain Conference arranged by Dr. Adnan Al Kaisy London, England	
OCT 2009	Lecture and Board meeting – Texas Pain Society Annual Meeting, Dr. Allen Burton, president. San Antonio, Texas	
NOV 2009	Strategy meeting - Physicians' Council for Responsible Reform. Washington DC	
FEB 2010	Texas Contractor Advisory Committee meeting, Dallas, Texas.	

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- MAR 2010 *Lysis of Adhesions*- PRO (PRO-CON panel w/ Dr. Maarten ven Kleef) and *Lessons from Medicolegal Cases*, lectures. Cleveland Clinic Department of Pain Management: The 12<sup>th</sup> Annual Pain Management Symposium. San Diego, California 58
- APR 2010 *Treatment options in Complex Regional Pain Syndrome, Peripheral Nerve Stimulation, and New Developments in Epidural Neuroplasty (Lysis of Adhesions)*. 15<sup>th</sup> International Course on Pain Medicine, 4<sup>th</sup> Advanced Interventional Pain Symposium and Practical Workshop. Buenos Aires, Argentina
- MAY 2010 Lysis of Adhsions and workshop instructor. St. Guys's Hospital Pain Symposium and Workshop. Adnan Al-Kaisy, organizer. London, UK
- MAY 2010 Keynote speaker: *Epidural Lysis of Adhesions* and *Facet Radiofrequency Ablation*. Annual meeting of the Florida Society of Interventional Pain Physicians. Kissimmee, Florida
- May 2010 *Lecture* and workshop instructor. Italian Pain Society. Guistino Varrassi, organizer. Florence Italy
- JUN 2000 Lectures and Director. 26<sup>th</sup> Annual Texas Tech University Health Sciences Center Department of Anesthesiology Pain Symposium. Lubbock, Texas
- JUN 2010 *Radiofrequency Ablation* and *Lysis of Adhesions*. Korean Pain Society Pain Symposium and Workshop Seoul, Korea
- JUN 2010 *Lumbar Percutaneous Epidural Adhesiolysis Historical Perspective / Panel Discussion: The Future of Interventional Pain Management: Does Beginning of Obama Second Term Spell the End of Interventional Pain Management?* ASIPP 12<sup>th</sup> Annual Meeting on Interventional Pain Management (Comparative Effectiveness, Evidence-Based Medicine or HealthCare Reform? Capitol Hill Visitation Day. Washington, DC
- AUG 2010 6th Annual GSIPP Summer Meeting. Georgia Society of Interventional Pain Physicians. Greensboro, Georgia
- AUG 2010 lectures and workshop instructor (topics TBD) and Director of the Conference. 15 Annual Budapest Interventional Pain Conference and Workshop. Budapest, Hungary
- SEP 2010 Examiner. 17<sup>th</sup> FIPP Examination. Budapest, Hungary
- SEP 2010 Lecture and workshop (TBD). Polish Pain Society Congress. Gdansk, Poland
- OCT 2010 Lecture and Workshop instructor (topics TBD). St. Guy's and St. Thomas NO  
OCT 2010 Lecture and Workshop instructor (topics TBD). St. Guy's and St. Thomas Hospital Workshop and Pain Symposium. Adnan Al-Kaisy,
- 2011**
- FEB 2011 Lecture *Lysis of Adhesions and workshops at UT Southwestern Annual Pain Conference*, Dallas, Texas
- FEB 2011 Texas Contractor Advisory Committee meeting, Dallas, Texas.
- MAY 2011 Lectures, workshops in Seoul and other cities in Korea, Lysis of Adhesions and other procedures. Arranged by Sang Chul Lee and Mr. Shin.
- MAY 2011 Lecture Therapy in the *Cervical Epidural Space and Workshop* workshops at ARENA Pain Congress, May 8-10, 2011 in Florence, Italy.
- MAY 2011 *Lecture Evolution of Lysis of Adhesions* and workshops at Florida Pain Society in Orlando, Florida and also *receive Lifetime Achievement Award from Florida Pain Society* at annual meeting of the Florida Society organized by Harold Corder

- MAY 2011 Lecture *Cervical SCS for CRPS* and Workshop instructor, St. Guy's and St. Thomas Hospital Workshop and Pain Symposium. Adnan Al-Kaisy, organizer
- JUNE 2011 Lectures: *Epidural Neurolysis, Cervical, Thoracic Lumbosacral-Update and Live Operative Procedures from the Operating Room* at Texas Tech University Health Sciences Center Department of Anesthesiology 28<sup>th</sup> Annual Pain symposium, Lubbock, Texas
- JUNE 2011 *Peripheral Nerve Stimulation, and New Developments in Epidural Neuroplasty (Lysis of Adhesions)*. WIP-Benolux Interventional Pain Procedures Course-Workshop (including WIP Executive Board meetings). Maastricht, The Netherlands
- JUN 2011 *The Future of Interventional Pain Management: Does Beginning of Obama Second Term Spell the End of Interventional Pain Management?* ASIPP 12<sup>th</sup> Annual Meeting on Interventional Pain Management Capitol Hill Visitation Day. Washington, DC
- SEP 2011 Latest *Lysis of Epidural Adhesions: How to Do It and How to Teach it Safely* and *Lumbosacral Spinal Endoscopy Round Table Moderator and Cold Allodynia, Nerve Entrapment Radiculopathies and Illusions* and Sacral Nerve Root Stimulation – Recent Advances at the 16<sup>th</sup> Annual Budapest Conference sponsored by World Institute of Pain in Budapest, Hungary
- OCT 2011 Invited consultant to Hylenex meeting with company executive and research staff discussing Dr Racz's opinion and experience with Hylenex human recombinant product and results of the use of hyaluronidase in lysis of adhesions San Diego, California
- OCT 2011 Moderator of Session for Abstracts during American Society of Anesthesiologists annual Meeting, Chicago, Illinois.
- OCT 2011 Texas Contractor Advisory Committee meeting, Dallas, Texas.
- NOV 2011 Lecture instructor (topics TBD). St. Guy's and St. Thomas Hospital Workshop and Pain Symposium. Adnan Al-Kaisy, organizer
- NOV 2011 Texas Pain Society Scientific Retreat, Bastrop, Texas
- NOV 2011 Texas Pain Society, Bastrop, Texas
- 2012**
- JAN 2012 *Interventional Procedures Lecture-Workshop*. Dallas area pain physicians, hosted by Epimed.
- JAN 2012 Texas Pain Society Board of Directors, Dallas, Texas
- FEB 2012 Lectures, moderators, posters at World Institute of Pain World Congress:  
Topical Seminar: Legends of Interventional Pain Management (by Gabor Racz, Ricardo Ruiz-Lopez of Spain and Prithvi Raj of USA);  
*Lecture: Diagnosis and Treatment of Cervicogenic;*  
Topical Seminar: Spinal Canal Endoscopy and Neurolysis of Adhesions Updates  
Poster Sessions:
- *Surprisingly prolonged Pain Relief After Off-Label Use of Heated Patch of Lidocaine-Tet racaine (75% mixture)Initial Report*; Poster Session:
  - *FEMORAL NERVE (FN) AND LATERAL FEMORAL CUTANEOUS NERVE (LFCN) ENTRAPMENT BY INTRA ABDOMINAL SCARING: NEW AND IMPROVED TECHNIQUE FOR TREATMENT* G.B. Racz, J.E. Heavner, J. Annabi, S. Crider, E. Ozuna, A. Suman, B. Torgerson, Lubbock, TX, USA;

- *CRYONEUROLYSIS IN THE TREATMENT OF LOWER ABDOMINAL WALL NEUROMAS AND ILIOHYPOGASTRIC NERVE (IHN) ENTRAPMENT* G.B. Racz, J.E. Heavner, J. Annabi, S. Crider, E. Ozuna, A. Suman, B. Torgerson, Lubbock, TX, USA; 60
  - *INTERSCALENE COMPARTMENT INJECTION FOR TREATMENT OF INTERSCALENE NERVE ENTRAPMENT: A NEW TECHNIQUE* G. Racz, J. Heavner, B. Torgerson, A. Suman, E. Ozuna, S. Crider, J. Annabi, Lubbock, TX, USA;
  - *NEW TECHNIQUE FOR LATERAL CUTANEOUS FEMORAL NERVE (FCN) INJECTION AND TREATMENT OF ENTRAPMENT NEUROPATHY* G.B. Racz, J.E. Heavner, J. Annabi, S. Crider, E. Ozuna, A. Suman, B. Torgerson, Lubbock, TX, USA at WIP World Congress, Miami Beach, FL USA. Examiner at FIPP Examination, Miami, FL USA
- MAY 2012      Lecture/Workshop: *Implantables: SCS and Case Presentation*. Comprehensive Review Course on FIPP Examination; *Evidence and guidelines of Interventional Pain Procedures for Cervical Radicular Pain* at Evidence and Guidelines Symposium. Adnan Al-Kaisy director of Interventional Pain Procedures Conference-Workshop, London, England
- JUNE 2012      *OR Live Workshop Procedures* and Lecture: *Specific vs Non-Specific Back Pain*. 29<sup>th</sup> Annual TTUHSC Pain Symposium. Lubbock, Texas
- Workshop Instructor and Panel Moderator:** *What have we learned – What is Working – How Do We Get the Evidence, How do we prevent problems?* West Virginia Society of Interventional Pain Physicians Pain 2012 Conference. Tim Deer, Director. Miami, Florida
- What Interventions Should Be Considered After Failed Back Surgery: Failed Back Surgery Syndrome – where Do We Go Next? (Lectures and Workshop)* Chris Wells, Scientific Director of 15<sup>th</sup> World Congress of Pain clinicians (WSPC) 2012 annual meeting. Granada, Spain
- JUL 2012      *Lectures/workshop demonstrations/live OR demonstrations*. Epimed coordinating. Dr. Hanaoka of Japan. Several hospitals and clinics included in 10-days in Japan under guidance of Dr. Hanaoka of Japan, chairman of sessions.
- SEPT 2012      Workshop/Lecture: *Accessing the Epidural Space; Treatment of Chronic Pelvic Pain; Specific vs non Specific Spinal Pain; Failed Neck Surgery; Technical Round Table Moderator*; Director of Budapest Conference and Examiner in FIPP Examination. Budapest, Hungary
- Improved Treatment Outcomes Through Research* - lecture at International Symposium of Life Care Planning. Paul Deutsch, director. Denver, Colorado
- Workshop/Lecture: Epimed Cadaver Workshop*. Dallas Texas
- OCT 2012      *Future of Interventional Pain Therapy, Keynote Lecture*. Also Dr. Racz was presented Lifetime Achievement Award from NY and NJ Societies of Interventional Pain Physicians. Jersey City, New Jersey
- Annual Samuel J. Hassenbusch, MD PhD Keynote Lecturer:** *The Evolution of University, State, National, and Global Pain Medicine: Leveraging the Past for Progress in the Future*. Additional lecture: *How to Improve Your Outcomes Currently and the Future of Neuromodulation: High Frequency Stimulation* - 4<sup>th</sup> Annual Texas Pain Society Scientific Meeting. Austin, Texas
- JAN 2013      Workshop. Demonstration Interventional Pain Procedures – Epimed, Int. Dallas
- FEB 2013      Lecture: *The Truth About Radiofrequency*. Director Adnan Al-Kaisy in UK
- APR 2013      Lecture/Workshop to be determined. Director Mohamed Eltoriny Luxor and Sukdeb Datta. Egypt.

- London Spine Forum, FBSS: What has Failed?* Director Adnan Al-Kaisy. UK
- Workshop. Demonstration Interventional Pain Procedures – Epimed, Int. Dallas
- MAY 2013 Lecture/Workshop. Topics to be determined. Director Adnan Al-Kaisy in UK
- JUN 2013 Examiner FIPP Examination. Maastricht, The Netherlands  
WIP Executive Board meeting. Maastricht, The Netherlands
- JUL 2013 Lecture/Workshops Pain, 2013 Conference presented by West Virginia Society of Interventional Pain Practice. Director Timothy Deer Course Directors and Co-chairs: Timothy Deer, MD, Robert Levy, MD, PhD, David Caraway, MD, PhD, Lynn Webster, MD, Richard Bowman, MD, and Peter Staats, MD
- SEP 2013 Workshop/Lecture: *Accessing the Epidural Space; Treatment of Chronic Pelvic Pain; Specific vs non Specific Spinal Pain; Failed Neck Surgery; Technical Round Table Moderator*; Director of Budapest Conference and Examiner in FIPP Examination. Budapest, Hungary
- SEP 2013 Workshop/Lectures: Pain clinic of Yangzhou University affiliated Northern JiangSu People's Hospital. China
- OCT 2013 Lecture: *Lysis of Adhesions*. American Association of Neuromuscular & Electrodiagnostic Medicine (AANEM) Annual meeting in San Antonio, Texas
- NOV 2013 Panel Moderator/Workshop. Cervical Procedures. New York & New Jersey Societies of Interventional Pain Physicians Pain Medicine Symposium 2013. Jersey City
- NOV 2013 Lecture/Workshop. *Cervical Epidural Advances in Procedures, Headache panel, Interventions in Neck*. World Institute of Pain Foundation World Congress, Kolkata, India

**SCIENTIFIC PRESENTATIONS – INTERNATIONAL:**

- SEP 1984 Repeat Epidural Phenol Injections in Chronic Pain and Spasticity Using a New Epidural Catheter (Scientific Display). Postgraduate Course: Pain Mechanisms and Evaluations, Budapest, Hungary.
- OCT 1985 Monitoring Respiratory Physiology and Anesthetic Gas Delivery in the Operating Room Using Mass Spectrometry Based Medical Gas Analysis (Moderator for session on Management of Pain in Research Animals). Second International Congress of Veterinary Anesthesia, Sacramento, California.
- JUL 1986 Inhibition of MAO A and MAO B Activity by Tetracaine vs. a Tetracaine Homologue (Poster Presentation). III World Conference on Clinical Pharmacology and Therapeutics, Stockholm, Sweden.
- SEP 1986 Local Anesthetic Inhibitory Action Against Monoamine Oxidase May Play a Role in Spinal Anesthesia. European Society of Regional Anesthesia, Malmo, Sweden.
- JUN 1987 Plasma Catecholamine Levels During Acute Migraine Attacks (Accepted, could not attend). Jerusalem, Israel.
- AUG 1987 Epidural Injection of Hypertonic Saline and Corticosteroid for Pain Control (Poster Presentation). Fifth World Congress on Pain of the International Association for

**Gabor B. Racz, MD. DABPM, ABIPP, FIPP**

the Study of Pain, Hamburg, West Germany.

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- MAY 1988 *Lysis of Epidural Adhesions in Pain Patients* (Scientific exhibit and 2 poster presentations). Ninth World Congress of Anesthesiologists, Washington, DC.
- MAR 1989 Peripheral Nerve Stimulator Implantation in the Treatment of Causalgia and Reflex Sympathetic Dystrophy. International Anesthesia Research Society.
- MAY 1992 Chronic Intrathecal Narcotic Administration: Technique and Indications / Spinal Cord Stimulation Update: Patient Selection and Modalities. 2nd International Symposium on the Management of Acute and Cancer Pain, Paris, France.
- AUG 1992 Safety Evaluation of a Catheter Introducer and Balloon Catheter for Lysing Epidural Adhesions (Poster Presentation). Sixth World Congress on Pain, Adelaide, Australia.
- AUG 1993 Epidural Space: Identification of Filling Defects and Lysis of Adhesions in the Treatment of Chronic Painful Conditions. International Association for the Study of Pain, Seventh World Congress on Pain, Paris, France.
- AUG 1993 Racz GB, Lewis R, Bradley WD, Moss WM and Heavner JE: Follow-up of 117 patients with peripheral nerve stimulation implants for RSD. International Association for the Study of Pain, Seventh World Congress on Pain, Paris, France.
- JUL 1995 Interventional Therapy. The Second East-West International Conference on Pain Management, Beijing, China.
- AUG 1995 Electrical Stimulation analgesia/Techniques of spinal cord stimulation. 29th Annual Meeting of the Japan Society of Pain Clinicians, Sapporo, Japan.
- JUN 1995 Consultant: Botulinum toxin: Basic Science and Clinical Therapeutics Conference hosted by Allergan. Munich, Germany.
- OCT 1996 Epidural lysis / The paradigms of low back pain / Rationale for the non surgical invasive techniques in low back pain. Seventh International Symposium The Pain Clinic, sponsored by World Society of Pain Clinicians, Organized by Turkish Society of Algology (IASP Chapter), Istanbul, Turkey.
- JUN 1995 Consultant/lecturer (pain management): Physicians in university and private groups. Budapest, Hungary.
- JUL 1995 Electrical stimulation analgesia (lecture) / Techniques of spinal cord stimulation (workshop): 29th Annual Meeting of the Japan Society of Pain Clinicians, Sapporo, Japan.
- OCT 1996 Director and Lecturer. First Budapest Interventional Pain Workshop on Pain Procedures for Chronic Pain, Budapest, Hungary.
- NOV 1996 Lysis of Epidural Adhesions Utilizing the epidural Approach / Interventional Techniques for Complex Regional Pain Syndromes. First Hellenic Pain Congress sponsored by Hellenic Pain Society, Athens Greece.
- JAN 1997 Clinical Applications of Botulinum Toxin in Pain Management. Pain Intervention Interest Group of the Pain Society of Great Britain and Ireland, Whipps Cross Hospital, London, England.
- MAY 1997 Lecture at Hungarian Society of Anesthesia, Budapest, Hungary.
- SEP 1997 Lecture: Lysis of Spinal Adhesions and Hypotonic Saline Neurolysis / Botox Therapy: Use for Dystonia and Muscle Spasm and Applicability to Pain Management. Elliot Krames, Course Director. Viadollid Spain

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- SEP 1997            Lecture: Advances in Interventional Techniques in the USA at World Institute for Pain, Barcelona, Spain
- SEP 1997            Lecture: Advances in Interventional Techniques in the USA at World Institute for Pain, Villadolid, Spain
- SEP 1997            Lecture and Course Director: Second Annual Budapest Conference, Budapest, Hungary
- FEB 1998            Panel: Back pain-diagnostic blocks/Workshop: Do neurolytic blocks have a place in chronic non-malignant pain?/Neuroplasty via caudal and cervical catheters. International Meeting on Pain Control and Regional. Anaesthesia, Jaipur, India.
- MAR 1998            Lecture and Clinical Procedures. Whipps Cross Hospital, hosted by Dr. Charles Gauchi. London, England
- MAY 1998            Current Trends of Interventional Techniques in the USA. SMART 1998 Congress Centre Milanofiori Anesthesia and Interventional Pain Symposium. Milan, Italy.
- AUG 1998            Complex Regional Pain Syndromes-Diagnosis and Treatment / Role of epidural Neurolysis and Lysis of Adhesions in Chronic Radicular Pain Management / Advances in Pain Pharmacotherapy - Botulism Toxin / Indications, Technique and Mechanism of Spinal Cord Stimulation / Role of the Neurolytic Block of the Sympathetic Axis for Cancer Pain Management / When to Pump and When to Stimulate for Chronic Pain Management / Radiofrequency Techniques in the Management of spinal Pain / Theory and Practice of Implant Techniques. Keynote lecturer. Simposio Internacional sobre Manego del Dolor Agudo y Cronico - Pain in Argentina '98, Buenos Aires. Argentina.
- AUG 1998            Complex Regional Pain Syndromes-Diagnosis and Treatment / Role of epidural
- SEP 1998            Sciatic nerve injection under Anesthesia / Spinal Cord Stimulation and Peripheral Nerve Stimulation. International Pain Congress, Lucerne, Switzerland.
- SEP 1998            Sacral Stimulation / Livermore International Memorial Panel Discussion: How Would You Treat These Patients, My Way or No Way?" / Course Director and cadaver workshop instructor. Third Annual Advanced Interventional Pain Conference and Cadaver Workshop, sponsored by World Institute of Pain, Budapest, Hungary.
- SEP 1998            Lysis of Adhesions / Site Specific Catheter Placement Techniques. First Annual Interventional Pain Conference and Cadaver Workshop. Athens, Greece.
- NOV 1998            Advances in Interventional Techniques for Back and Neck Pain / Update on Invasive Approaches. Pain Management Towards 2000, sponsored by World Institute of Pain and hosted by Israel Pain Association. Eilat, Israel.
- NOV 1998            Invasive Pain Treatment, An Overview. 1998 Congress of the Dutch Association of Anesthesiology, Section Pain Control - The Anesthesiologist as Pain Therapist. Maastricht, Netherlands.
- MAY 1999            Lysis of Adhesions and Racz catheter discussion. Interventional Pain Conference. Munich, Germany
- MAY 1999            Cordotomie and Thermic Neurolesions: Peripheral Nerve Stimulation/Surgical / Electrical Neurological Stimulation of the Peripheral Nerves. Interventional Pain Treatment Workshop. Capri, Italy.
- JUN 1999            Lysis of Adhesions / Peripheral Nerve Stimulation. 25<sup>th</sup> Anniversary Meeting of Mexican Society of Anesthesiologists. Mexico City, Mexico.

- JUN 1999 Lysis of Adhesions. Second Annual Pain Conference. Athens, Greece.
- AUG 1999 Implantation Techniques for Implantable Drug Delivery Systems / Update on Alternative Drugs for epidural and spinal administration / Management of complications of implantation and infusion techniques. Interventional Pain Management arranged by Dannemiller Education Foundation. Bermuda.
- AUG 1999 Lesion Specific Delivery of Medications Through Injections and Catheter Placements and Poster Exhibit. 9th World Congress on Pain, International Association for the Study of Pain. Vienna, Austria.
- AUG 1999 Therapeutical Aspects of CRPS and SMP. Neuromodulation Conference organized by Michael Stanton-Hicks in Budapest, Hungary.
- SEP 1999 Use of Botox A for Pain Management / Neuroplasty and Course Director. 4<sup>th</sup> Annual Advanced Interventional Pain Conference and Cadaver Workshop, Budapest, Hungary.
- SEP 1999 Epidural Steroids / Imaging Techniques in Regional Anesthesia. Scientific Committee of European Society of Regional Anesthesia (ESRA), Istanbul, Turkey.
- SEP 1999 Radiofrequency lesioning in the Treatment of Chronic Pain. 5<sup>th</sup> National Congress on Pain. Istanbul, Turkey.
- SEP 1999 Lysis of Epidural Adhesions. 7th Congress of the Spanish Pain Society. Malaga, Spain.
- OCT 1999 Epidural Lysis of Adhesions/ Neuroplasty. The Egyptian International Congress on Pain: 5000 Years to the New Millennium, Pyramisa Sharm El-Sheikh, Egypt.
- MAY 2000 Lysis of Adhesions and Tun-L-Cath. North Pain Society, member or Spanish Pain Society, Vitoria-Gasteiz, Spain.
- SEP 2000 Lysis of Epidural Adhesions / epiduroscopy / Lumbar and Caudal Neurolytics B locks. Colombian Society of Anaesthesia and the Colombian Chapter of IASP, Bogota, Columbia.
- SEP 2000 Lysis of Adhesions with the RACZ catheter. 6<sup>th</sup> International Vienna Pain Symposium, Vienna, Austria.
- SEP 2000 Lectures and course Director. Fifth Annual Interventional Pain Conference and Cadaver Workshop, Budapest, Hungary.
- OCT 2000 Forum: Knowing and treating spin al pathology / Post-laminectomy fibrosis: Treatment by epidural adhesiolysis. Lectures: Treating pain: old methods and new ideas / Stim-Cath: Role in patient screening for spinal stimulation in the treatment of acute pain conditions / Knowing new approaches, opening up new possibilities: L4 root block: Therapeutic possibilities. Spanish Chapter of the European Society of Regional Anesthesia (ESRA), Valencia, Spain
- NOV 2000 *The role of the anesthesiologist in the treatment of chronic pain syndromes and a workshop: Nerve blocks in the treatment of Complex Regional Pain Syndromes.* Joint Congress of the Swiss Anesthesia and Pain Societies, Lugano, Switzerland.
- JAN 2001 *Interventional Pain Management: Update.* Baylor Medical Center. Octavio Calvillo, director. Houston, Texas.
- FEB 2001 *Lysis of epidural adhesions / epiduroscopy / pulsed EMF for treatment of pelvic pain.* Advanced Interventional Pain Management. Keith Javery, Director. St. Thomas, Virgin Islands.



- MAR 2001      *Lysis of epidural adhesions* and cadaver workshop instructor. AAPM cadaver workshop, Miami Beach, Florida.
- MAR 2001      CRPS Workshop sponsored by Medtronic. Dallas, Texas.
- MAR 2001      Lectures. John Bonica Conference. John McDonald, Director. Hawaii.
- MAR 2001      Epidural Lysis of Adhesions / Spinal Cord Stimulation. Lectures and Cadaver Workshop – Radionics Workshop and Cadaver Course – Houston, Texas.
- APR 2001      National Pain Foundation Board Meeting. Denver, Colorado
- APR 2001      Lysis of adhesions / spinal cord stimulation lectures. American Society of interventional Pain Physicians semi-annual interventional pain medicine course. Laxmaiah Manchikanti, Director. Las Vegas, Nevada.
- ARR 2001      Keynote speaker: *Interventional Pain Management*. Pain Workshop: 2001 A Pain Odyssey. St. Vincent’s Hospital. Michael Hammer, Director. Birmingham, Alabama.
- MAY 2001      *Epidural Lysis of Adhesions / Spinal Cord Stimulation: Present and Future: Costs-Profits-Risks / Complex Regional Pain Syndrome / Use of Botox in Management of Chronic Pain*. International Pain Conference. Buenos Aires, Argentina.
- MAY 2001      Epidural Lysis of Adhesions / Spinal Cord Stimulation. Lectures and Cadaver Workshop – Radionics Workshop and Cadaver Course – Philadelphia, Pennsylvania.
- JUN 2001      Lectures. 18<sup>th</sup> Annual Pain Symposium. Texas Tech University Health Sciences Center. Lubbock, Texas.
- JUN 2001      Interventional Treatment: neuromodulation: Practical Guidelines for Neuromodulation / epidural Neuroplasty. Pain Management in the 21<sup>st</sup> Century, 1<sup>st</sup> World Congress of World Institute of Pain. Istanbul, Turkey.
- JUL 2001      Lecture: summary of PNS applications and Experience. Lecture and exchange in Peripheral Nerve Stimulation Panel Meeting arranged by Medtronic. University of Washington, Seattle, Washington.
- AUG 2001      CRPS Advisory Board organizational meeting by invitation. Hosted by Medtronic. Minneapolis, Minnesota.
- AUG 2001      Lysis of Adhesions. Lecture and Skills-Cadaver Workshop hosted by Clinical Education. Boston, Massachusetts.
- SEP 2001      Lectures and Course Director. Sixth Annual Advanced interventional Pain Conference and Cadaver Workshop. Budapest. Hungary
- FEB 2002      Lysis of Adhesions. Racz Catheter Conference, Munich, Germany
- FEB 2002      Lecture. Brussels, Belgium

**EXPERT TESTIMONIAL HISTORY OF DR. GABOR B. RACZ, MD, DABPM, ABIPP FIPP**

Pursuant to Fed. R. Civ. P. 26(a)(2)(B)(v), as of April 20, 2009, Dr. Racz has given expert testimony in the following cases:

<b>Testimonial date</b>	<b>Case</b>	<b>Court</b>
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**Gabor B. Racz, MD. DABPM, ABIPP, FIPP**

9/2005 (VA)	Geisling v. Sherry	Rockingham County Dist. Court	66
10/2006	Sclassiferro v. Pain Specialists of Greater Chicago, et al	DuPage County (IL) Dist. Court	
1/2008 & 12/2008	Passow v. Glaser	DuPage County (IL) Dist. Court	