

**CURRICULUM VITAE
(April 24, 2008)**

JACK M. BERGER, M.S., M.D., Ph.D.
Professor of Clinical Anesthesiology



PERSONAL INFORMATION:

Address:

Mailing/Home **9619 Monte Mar Drive**
Los Angeles, Calif.
90035

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Office addresses:

Dept. of Anesthesiology, LAC+USC Medical Center,
1200 N. State Street, Los Angeles, CA 90033 · Tel: 323-
226-4597 Fax: 323-226-2784

USC Pain Center, 1520 San Pablo St., Suite 3450, Los
Angeles, CA 90033 · Tel: 323-442-6202 Fax: 323-442-6255

Pager: **(310) 718-4637**
Email: **jmberger@usc.edu**
Citizenship: **U.S.A.**

Education: University of California, Berkeley
1965-1968 Degree, "BA," Physiology, 1968

University of California, Berkeley
1968-1969, School of Public Health
Degree, "M.S.", Environmental Health Sciences, 1970

New York University
1969-1972, Degree, "Ph.D.", Environmental Medicine,
1975, Thesis in Pulmonary toxicology and physiology

(Jack M. Berger, M.D., Ph.D.)

Medical Education: University of Bologna, Italy, 1972-1978
"M.D." Degree (6 year program), 1978
Thesis for Doctorate: Interpretation of blood gases:
relationships between laboratory data and clinical pathology
in intensive care patients.

Continuing Medical Education: See attached pages.

Clerkships: U.S.C. School of Medicine, Pediatrics (9 weeks while in
medical school)

Internships: Policlinico S. Orsola, University of Bologna, (2 years while in
medical school) Anesthesiology and Intensive Care
Policlinico S. Orsola, University of Bologna, 1978, 2 months
Medicine, 2 months Surgery, 2 months Ob-Gyn.

LAC+USC Medical Center, Los Angeles
Pediatrics, 1979-1980

Residency: LAC+USC Medical Center, Los Angeles, Anesthesiology,
1980-1981

UCLA Medical Center, Los Angeles, Anesthesiology, 1981-
1982

Licensure: California medical license. #A35647 (exp. 8-31-09)
DEA Certificates # AB9663661, # XB9663661 (exp. 7-31-09)
Calif. X-ray supervisor certificate 122926 (exp. 9-30-09)
ECFMG certificate # 287-730-6
Approved supervisor of physician assistants, Medical Board of
California certificate number 19986, January 17, 1992

Military service: Alternate Civilian Service (medical research) New York, 1969-
1971

Board Certifications: **American Board of Anesthesiology**, Diplomate
September 21, 1984. Certificate # 11590
American Board of Anesthesiology Added Qualifications in Pain Management, September 1994 Certificate # 468
Valid 1994 – 2004.
Recertification exam completed September 20, 2003, certificate # 11590, expires on December 31, 2014.
American Academy of Pain Management, Diplomate,
July 2, 1991, recertification # 2574 (valid until 06/30/2011)

Certified in Buprenorphine for Office-Based Treatment of Opioid Dependence by American Society of Addiction Medicine

Consultant: California Medical Board, and California Attorney General's Office
Consultant: Medico-legal expert evaluations, witness for Malpractice Cases
Consultant: Motion Picture Health Insurance for Pain Management Claims
Consultant reviewer: Seminars in Anesthesiology, Critical Care, and Pain Medicine
2007
Clinical Anatomy 2007
Journal of Critical Care 2008

Previously Elected Delegate from District #3, Los Angeles, to California Society of Anesthesiology

Speaker consultant: Janssen Pharmaceutical, Purdue Pharmaceutical, Abbott Pharmaceutical, Endo Pharmaceutica, Pfizer Pharmaceutical, Medical Education Speaker's Network, I-Flow Corp

Awards: Roxanne Visiting Scholar Program in Palliative Care
Cleveland Clinic, Cleveland Ohio, September 15-19, 1997

Outstanding Faculty Award for Excellence in Teaching in the Program of Nurse Anesthesia, University of Southern California Department of Nursing, 1997.

Roxanne Visiting Scholar, Advanced Course in Pain and Symptom Management, Oxford International Centre for Palliative Care
Oxford, England, July 6, 7, 2000.

Award of Excellence, Recognition of outstanding support of Cancer Pain Relief, Southern California Cancer Pain Initiative, October 5, 2000

Selected as Faculty Instructor of the Year, 2003, Residents of the Department of Anesthesiology, LAC+USC Medical Center.

(Jack M. Berger, M.D., Ph.D.)

PROFESSIONAL BACKGROUND:

Work experience:

Current: **Professor of Clinical Anesthesiology (July 1, 2007)**
Director of Regional Anesthesia Resident Training
Department of Anesthesiology (2001-present)
Keck School of Medicine, University of Southern California
LAC+USC Medical Center
1200 N. State Street, Rm. 14-901
Los Angeles, California 90033
323-226-4597

Past Work:

Associate Professor of Clinical Anesthesiology 1995-2007
Director of Symptom Management and Palliative Care and Pain
Management, Dept. of Anesthesiology 1995-2000,
Keck School of Medicine, University of Southern California
LAC+USC Medical Center, Department of Anesthesiology, 1200 N.
State Street, Rm. 14-901, Los Angeles, California 90033
Tel. (323) 226-4597

Clinical Director of Pain Management, Department of
Anesthesiology, USC University Hospital, and Norris
Comprehensive Cancer Hospital, October 1995-Jan 2000.

Regional Chairman of Anesthesia, and Medical Director of Pain
Management Center for FHP Inc., a Health Maintenance
Organization, in charge of Anesthesia Services Long
Beach/Orange Counties, 1993 - 1995

Chairman Dept. of Anesthesiology and
Vice Chief of Staff, (1989 - 1995)
FHP, Charter Community Hospital
21530 S. Pioneer Blvd.
Hawaiian Gardens, Calif. 90716
Tel. (310) 860-0401 X250

Intermittent Freelance Anesthesia, California, 1986-1989
Private practice pain management, Los Angeles, Calif. 1987-1989

**Past Work:
Continued:**

Staff Anesthesiologist
Marina Hills Hospital
5525 W. Slauson Avenue
Los Angeles, Calif. 90056, 1988-1989, Hospital no longer in service

Director Anesthesia Services Facial Specialists Medical Group
2080 Century Park East, Ste. 1408
Los Angeles, Calif. 90067
1987-1988, this office now closed

Chief of Service Anesthesiology
Maxicare Medical Centers, (renamed Marina Hills Hospital)
5525 W. Slauson Ave. , Los Angeles, Calif. 90056
1984-86, hospital closed 1989

Anesthesiologist
Hawthorne Community Medical Group Shareholder
1983-1986

Interim director
Pulmonary and Respiratory Services
Maxicare Medical Center, Los Angeles, 1985

Assistant Professor of Anesthesiology, Dept of Anesthesiology
UCLA Medical Center, Los Angeles, 1982

Director of Nerve Block Clinic
Centinela Hospital Medical Center, Pain Management Center
625 E. Hardy, Inglewood, Calif.
1984 (Associate 1982-84)

Staff Research Associate II
Department of Anesthesiology
UCLA Department of Anesthesia, UCLA Medical Center
Los Angeles, Calif. 1979

Past work continued:

Pulmonary Function Technologist
Pediatric Pavilion, LAC+USC Medical Center
Los Angeles, Calif.
Duties included pulmonary function testing
as well as teaching of house-staff. 1974-75

Associate Research Scientist
Institute of Environmental Medicine
New York University Medical Center
New York, New York, 1969-1972
Research areas: Inhalation toxicology, aerosol physics and
pulmonary physiology.

Professional Societies:

American Society of Anesthesiology
Los Angeles County Society of Anesthesiologists
Los Angeles County Medical Association
California Medical Association
California Society of Anesthesiologists
International Anesthesia Research Society
Charter Member - American Academy of Pain Medicine
American Academy of Pain Management
American Pain Society
American Society of Interventional Pain Physicians
American Society of Regional Anesthesia and Pain Management
New York University Alumni Association
University of California Alumni Association
University of Bologna Alumni Association
Society for the Advancement of Geriatric Anesthesia
Società Italiana di Anestesia Analgesia Rianimazione e Terapia Intensiva
(Italian Society of Anesthesiologists)

Hospital Committees served in past:

Patient Rights and Organizational Ethics Committee, USC Norris
Comprehensive Cancer Hospital

Pain Resource Committee, LAC+USC Medical Center

Department of Anesthesiology Committees
USC University Hospital, USC Norris Cancer Hospital,
LAC+USC Medical Center

Medical Executive Committees

Maxicare Medical Center, FHP Hospital, Charter Community Hospital

Quality Assurance Committees

Maxicare Medical Center, FHP Hospital, Charter Community Hospital

Anesthesia Committees:

Maxicare Medical Center, FHP Hospital, Charter Community Hospital

Critical Care Committees:

Maxicare Medical Center, FHP Hospital, Charter Community Hospital

Credentials Committees:

Maxicare Medical Center, FHP Hospital, Charter Community Hospital

Utilization Review Committee:

FHP Hospital, Charter Community Hospital

Surgery Committee and O.R. Management Committee:

FHP Hospital, Charter Community Hospital

Current or previous research and grants:

Development of a Symptom Management and Palliative Care Program for Patients with Terminal Illness at LAC+USC Medical Center. Three-year grant funded by the Lucas Foundation. Research has been published on outcome studies in this population of patients, development of decision algorithms and practice guidelines for therapeutic interventions, futility prognostication, use of novel medication administration for the control of symptoms associated with terminal illness, etc. 1998-2001

The development of a Regional Anesthesia rotation for the Residency program in anesthesiology at LAC+USC Medical Center. Studying methods of predicting the onset time of peripheral nerve blocks.

Research interests in mechanisms of neuropathic pain and prevention of chronic pain through preventive and preemptive analgesic regimens. Research interests in mechanisms of neuropathic pain and prevention of chronic pain through preventive and preemptive analgesic regimens.

Developed curriculum material syllabus for pain management resident rotation
Developed curriculum material syllabus for palliative care service and resident rotation

Supervised fellows in pain management

- 1 Kevin Toliver, M.D. 1995-6 (joined faculty then went into private practice)
- 2 Enrique Pardo, M.D. 1996-7 (joined faculty then went into private practice)
- 3 Nalini Vadivelu, M.D., 1997-98 (joined faculty, then went on for a second fellowship at Memorial Sloan Kettering Medical Center in New York, then joined faculty at Yale)
- 4 Michael Port, M.D., 1997-98 (went to private practice after fellowship)
- 5 Heny Basta, M.D., 1998-99 (joined faculty then went to private practice)
- 6 Russell Alexander, M.D., 1998-99 (joined faculty and still with faculty)
- 7 Paul Lessler, M.D., 1999-2000 (Joined faculty then went to private practice)
- 8 Maryann Philips, M.D., 2000 (6 month fellowship, then went to Loma Linda for 1 year additional fellowship, then into private practice)
9. Jerrold Butros MD 2005-2006
10. Raymond Tatavosian MD 2006-2007
11. Laura Dardashti MD 2007-2008

Supervised fellows in Palliative Medicine

1. Angele Ryan, M.D., 1997-98 (joined faculty, Board Certified in Palliative Medicine)
9. Frederick Prescott, M.D., 1998-99 (went to private practice pain management)

(Jack M. Berger, M.D., Ph.D.)

BIBLIOGRAPHY:

Published Papers:

- Albert, R.E.; Alessandro, D.; Lippman, M.;
Berger, J.M.
Long - Term Smoking in the Donkey; Effect on Tracheo-bronchial Particle Clearance.
Arch. Environ. Health, 22:12-19, 1971
- Albert, R.E.; Lippman, M.; Peterson, H.T.; **Berger, J.M.**; Sanborn, K.; Bohning, D.
Bronchial Deposition and Clearance of Aerosols. Arch. Int. Med., 131:115-127, Jan. 1973
- Albert, R.E.; **Berger, J.M.**; Sanborn, K.; Lippman, M.
Effects of Cigarette Smoke Components Bronchial Clearance in the Donkey.
Arch. Environ. Health, 29:96-101, 1974
- Lippman, M.; Albert, R.E.; Yeates, D.B.; **Berger, J.M.**; Foster, W.M.; Bohning, D.E.
Factors Affecting Tracheobronchial Muco-ciliary Transport. Presented before the British Occupational Hygiene Society 4th International Symposium on Inhaled Particles and Vapors: Edinburgh, Scotland, September 1975, Published in Inhaled Particles and Vapors IV.
- Berger, J.M.**; Albert, R.E.; Sanborn, K.; Lippman, M.
Effects of Atropine and Methacholine on Deposition and Clearance of Inhaled Particles in the Donkey.
J. of Toxicology and Environ. Health 4:587-604, 1978
- Zanello, M.; Castelli, E.; **Berger, J.**; Cetrullo, C.
Alterations in the Enzyme Profile in Intensive Care Patients Undergoing Total Parenteral Nutrition.
Resuscitation, 7:185-198, 1979
- Stirt, J.A.; **Berger, J.M.**; Ricker, S.M.; Sullivan, S.F.
Aminophylline Pharmacokinetics and Cardio-respiratory Effects During Halothane Anesthesia in Experimental Animals.
Anesthesia and Analgesia, 59 No.3:186-191, 1980

**Published papers
Continued:**

Stirt, J.A.; **Berger, J.M.**; Ricker, S.M.; Sullivan, S.F.
Arrhythmogenic Effects of Aminophylline During Halothane
Anesthesia in Experimental Animals.
Anesthesia and Analgesia, 59 No.6: 411-416, 1980

Stirt, J.A.; **Berger, J.M.**; Ricker, S.M.; Sullivan, S.F.
Halothane-induced Cardiac Arrhythmias Following Aminophylline
in Experimental Animals.
Anesthesia and Analgesia, 60: 517-520, 1981

Stirt, J.A.; **Berger, J.M.**; Roe, S.D.; Ricker, S.M.;
Sullivan, S.F.
Safety of Enflurane following Administration of Aminophylline in
Experimental Animals. Anesthesia and Analgesia 60:871-873,
1981

Stirt, J.A.; **Berger, J.M.**; Ricker, S.M.; Sullivan, S.F.
Cardiovascular Effects of Ketamine Following Administration of
Aminophylline in Dogs. Anesthesia and Analgesia, 61:685-688,
1982

Berger, J.M.; Stirt, J.A.; Sullivan, S.F.
Enflurane, Halothane, and Aminophylline Uptake and
Pharmacokinetics.
Anesthesia and Analgesia, 62:733-737, 1983

Berger, J.M.; Stirt, J.A.
Aid to Naso-tracheal Intubation.
Anesthesiology, 52:105, 1983

Berger, J.M.; Stirt, J.A.; Sullivan, S.F.
Letter to Editor in response to "Anesthetics and Theophylline
Metabolism."
Anesthesia and Analgesia, 64:461, 1985

Berger, J.M.; Stirt, J.A.
Resolution of Bronchospasm by Atropine: Report of a Case.
Acta Anesthesiol. Scand. 29:856-858, 1985

**Published papers
Continued:**

Berger, J.M.; Ontel, R.
Intrathecal morphine in conjunction with a combined spinal and general anesthetic in a patient with multiple sclerosis. Clinical Report. *Anesthesiology*, 66:400-402, 1987

Berger, J.M.
"Neuromuscular Monitoring" In Ausman and Synder's Medical Library Lawyer's Edition, Vol. II, Anesthesiology. Robert K. Ausman and Dean E. Snyder Editors, The Lawyer's Cooperative Publishing Company, Rochester, N.Y., 1988, pp 238-244.

Berger, J.M.
Contributor in Curriculum Development CME Program on Emerging Applications for Anticonvulsant Therapy: Use of Antiepileptic Drugs in the Treatment of Chronic Pain Syndromes. Dallas, TX, March 15-17, 1996.
Sponsored by Professional Post Graduate Services.
CME accredited course development. Released April 1996

Toliver, K.T., **Berger, J.M.**, Pardo, E.S.
Review of Herpes Zoster
Seminars in Anesthesia, 16, No. 2:127-131, 1997

Pardo, E.S., **Berger, J.M.**, Toliver, K.T.
Post Herpetic Neuralgia
Seminars in Anesthesia, 16, No. 2:132-135, 1997

Berger, J.M., Merriam, P
Pain in Cancer Survivors. *Coping Magazine*,
November/December, 1997, pp29-31.

Berger, J.M.
Controversies in Anesthesia, Pain Management and Multiple Sclerosis. *Seminars in Anesthesia*, 16, No. 4:313-319, 1997

Berger, J.M.
Contributor to curriculum development for CME
Course/Monograph on Contemporary Approaches to Managing Pain. *Emerging Concepts in Myofascial Pain*,
Robert L. Knobler, M.D., Ph.D. guest editor. Development of a home study program
Sponsored by Professional Postgraduate Services. June 1998.

**Published papers
continued:**

Vadivelu N., **Berger, J.M.**

Neuropathic Pain After Anti-HIV Gene Therapy Successfully Treated with Gabapentin. *J. Pain and Symptom Management* 1999; 17 No. 3:155-156.

Berger, J.M., Ryan, A., Vadivelu, N., Mirriam, P.,
Rever, L., and Harrison, P.

Use of Ketamine-fentanyl-midazolam infusion for the control of symptoms in terminal life care. *Am J of Hospice and Palliative Care*, March-April 2000; Vol. 17 No. 2: 127-136.

Ryan, A., Carter, J., Lucas, J., **Berger, J.M.**

You need not make the journey alone...Overcoming impediments to providing palliative care in a public urban teaching hospital. *Am. J. of Hospice and Palliative Care*, 2002; Vol. 19 No. 3: 171- 180.

Farhoomand, L., **Berger, J.M.,** Lefeldt, S.

Controversies in anesthesia for carotid endarterectomy surgery: Regional versus general anesthesia. *Seminars in Anesthesia, Perioperative Medicine and Pain* on the topic of "The Brain and Anesthesia," 2004; Vol 23, No 3:244-247.

Babayan, E., Zelman, V., **Berger, J.M.,** and Vater, Y.

Brain Protection: Pathophysiology and Clinical Application. *Seminars in Anesthesia, Perioperative Medicine and Pain* on the topic of The Brain and Anesthesia, 2004; Vol 23, No 3: 160-174.

Steen SN, Zelman V, **Berger JM,** and Lumb PD., Anesthesia for carotid endarterectomy. *Ukrainian Journal of Ehrim Medicine* 2004; Vol 5 No 2:12-19.

Berger, J.M.

Opioids in anesthesia, a review. *Seminars in Anesthesia, Perioperative Medicine and Pain*, 2005; 24 No 2:108-119.

Berger, J.M.

Pain management at the end of life: Module 7 of the California Society of Anesthesiologists CME Program on Pain Management and End-of Life Care. August-September 2005 issue Volume 54 No 3, *CSA Bulletin*.

Published papers continued:

Bales EA, Tatevossian R, **Berger JM**, and Lumb P,
Use of a Thoraco-Cervical Epidural for Peri-Operative Pain Control in a Pediatric Patient with Osteosarcoma of the Proximal Humerus (case report and discussion) In Preparation

Book Chapters:

Berger, J.M., Katz, R.
Sympathetically Maintained Pain
In: The Management of Pain, Michael Ashburn M.D., and Linda J. Rice M.D. editors, Churchill Livingstone, Inc., 1997.

Berger J.M.
Pain Management in the Elderly.
In: Textbook of Geriatric Anesthesia, 2nd edition.
McLeskey/Reves/Rooke/Siverstein., editors, in press 2007.

Abstracts:

Stirt, J.A.; **Berger, J.M.**; Sullivan, S.F.
Cardio-respiratory Effects of Aminophylline During Halothane Anesthesia,
Federation Proceedings, Federation of American Societies for Experimental Biology, 64th Annual meeting,
Anaheim, Cal., April 1980 (March 1,1980 vol.39 no.3)

Berger, J.M.; Albert, R.E.; Lippman, M.; Sanborn, K.
The Effects of Cigarette Smoke and HCN Gas on the Clearance of Particles in the Donkey Trachea. Presented before the American Industrial Hygiene Association Annual Meeting, Toronto, Canada, 1971

Lippman, M.; Albert, R.E.; Foster, W.M.; Peterson, H.T.; **Berger, J.M.**; Bohning, D.E.
The Clearance of Insoluble Particles from the Bronchial Tree. Presented at the 1973 Congress of the Gesellschaft für Aeroslforschung (Association for Aerosol Research) at Bad Soden near Frankfurt, W. Germany, October 1973

Poster Presentations:

Tatevossian, R, and Berger, J.M.
Tolerance to titanic transcutaneous electrical stimulation as a method to assess surgical anesthesia following peripheral nerve blocks. A series of case reports. Western Anesthesia Resident Conference, Denver, Colorado, May 9, 2004.
Winner of best poster award in regional anesthesia and pain medicine category.

(Jack M. Berger, M.D., Ph.D.)

Book Review: **Clinical Management of the Elderly Patient in Pain, McCleane G. and Smith H., Editors, The Haworth Medical Press, New York, 2006. Reviewed for Anesthesia and Analgesia, April 2007; 104 No. 4:1006.**

Journal Editorial reviews: **Journal of Clinical Anatomy**

Seminars in Anesthesia, Pain Management, and Critical Care 2007

Current Molecular Pharmacology 2008

Instructional reference manuals for the Department of Anesthesiology resident training which I developed:

Pain Management

Palliative Care and Symptom Management

Regional Anesthetic Techniques

Current Projects:

Preparing a major morning symposium on regional anesthetic techniques for Residents, Faculty, CRNAs, and community anesthesiologists which is to be filmed and professionally recorded for the distribution as educational material to the members of our department. This will improve the regional anesthesia rotation now required of all residents. It will also help to expand the number of trained faculty participating in regional anesthesia residency training.

Collaborating with members of the Orthopedic Surgery Faculty to structure a program for identifying appropriate surgical patients to receive peripheral nerve block catheters as part of their anesthetic so that they may be discharged home on the same day with a continuous infusion pump for post-operative pain control. The purpose of this program is to improve post-operative pain management and save bed days without compromising quality or safety of care. Patients would be identified by the orthopedic surgeons for out patient surgery, referred to the anesthesiology pre-operative clinic for information and teaching. Evaluation for suitability would be confirmed by 4 criteria: agreement to have a catheter (informed consent), ability to speak a language spoken by our physicians, they have a home in which they live **with a responsible adult**, and they have a telephone. With the anticipated move into the new County Facility this year, saving bed days is of high priority.

Continuing to work with a corporate sponsor to develop a center of excellence for training in regional anesthesia catheter techniques here at LAC+USC Medical Center. The only other such center in the Western United States is at UC San Diego.

(Jack M. Berger, M.D., Ph.D.)

CME Presentations:

Berger, J.M.

Neuropathic Pain Syndromes
Presented at USC Science and Ski Meeting
Mammoth, California, March 3-8, 1996

Berger, J.M.

Anesthesia for Geriatric Hip Fracture Patients
Presented at USC Science and Ski Meeting
Mammoth, California, March 3-8, 1996

Berger, J.M.

Chronic Pain Management
Presented at FHP, Charter Community Hospital
Hawaiian Gardens, California, March 15, 1996

Berger J.M.

Neuropathic Pain Syndromes
CME Lecture presented at Orange Coast Memorial Hospital,
Fountain Valley, CA. July 12, 1996

Berger J.M.

Pain Management in the Emergency Department
Presented for the Department of Emergency Medicine,
LAC-USC Medical Center, Los Angeles, California
September 17, 1996

Berger J.M.

Strategies for Evaluation of Chronic Pain
Presented at the University of Southern California
School of Medicine Symposium "Update in Medicine"
San Diego, Cal., September 21, 1996

Berger, J.M.

Two lecture presentations: Reflex Sympathetic Dystrophy,
Acute and Post Herpetic Neuralgia Pain.
Visiting Professor Program at the Williamsport Hospital and
Medical Center, Williamsport, Pennsylvania,
February 7, 1997.

**CME Presentations
Continued:**

Berger, J.M.

The Assessment and Management of Neuropathic Pain in Cancer. The 1997 Educational Pain Lecture Series, Cedars-Sinai Comprehensive Cancer Center Pain Program. Los Angeles, California. February 17, 1997

Berger, J. M.

Treatment of Pain in the Elderly, Antelope Valley Hospital annual seminar program "Update on Geriatric Medicine 1997", Lancaster, California, February 22, 1997.

Berger, J.M.

Evaluation and Treatment of Neuropathic Pain, Common Problems in Primary Care Course lecture series, Department of Family Medicine, USC School of Medicine, Los Angeles, California, March 11, 1997.

Berger, J.M.

Neuropathic Pain Fourth Annual Joseph P. Van Der Meulen Symposium in Clinical Neuroscience-Pain, USC School of Medicine. Los Angeles, California, March 14, 1997.

Berger, J.M.

Reflex Sympathetic Dystrophy, Grand Rounds Department of Orthopedic Surgery, University of Southern California School of Medicine. Los Angeles, California, March 21, 1997.

Berger, J.M.

Pain Management and alternative therapies.
Presented at the Alternative Therapy Conference, USC Department of Nursing Continuing Education Program on Integration of Alternative Therapies with Conventional Healthcare: The New Paradigm for Patients in the 21st Century. May 2-3, 1997, Santa Monica, California

Berger, J.M.

Pain Management
Presented at Hand and Plastic Surgery Teaching Conference, USC University Hospital, Los Angeles, June 12, 1997

**CME Presentations
Continued:**

Berger, J. M.

“Pain Pathophysiology, Current Concepts”
1997 Physical Medicine Symposium, Sponsored by
Southern California Permanente Medical Group
Dana Point, California, August 30, 31, 1997

Berger, J. M.

“Neuropathic Pain and Related Syndromes”
1997 Physical Medicine Symposium, Sponsored by
Southern California Permanente Medical Group
Dana Point, California, August 30, 31, 1997

Berger, J. M.

“Workshop on Epidural, Caudal, Transforaminal Steroid
Injection Approaches”
1997 Physical Medicine Symposium, Sponsored by
Southern California Permanente Medical Group
Dana Point, California, August 30, 31, 1997

Berger, J.M.

Pain Management in Cancer
USC/Norris Cancer Center Grand Rounds
Los Angeles, California, September 30, 1997

Berger, J.M.

Pain Management, Pharmacological and Procedural.
Bakersfield Memorial Hospital, Bakersfield, California,
October 25, 1997

Berger, J.M.

Pain Management in Primary Care
Common Problems in Primary Care 24th Annual Review
Presented March 24, 1998, Los Angeles, California

Berger, J.M.

Chronic Pain Management and Pharmacokinetics
California Hospital Medical Center Monthly Emergency
Service Department Conference series.
Los Angeles, California, April 9, 1998

**CME Presentations
Continued**

Berger, J.M.

Pain Management: Acute and Chronic
Philippine Medical Association of Southern California
Symposium, Las Vegas, Nevada, May 29, 1998

Berger, J.M.

Symptom Management and Palliative Care
Department of Education and Consulting Services of Los
Angeles County+USC Medical Center symposium: A
Comprehensive View of Pain Management. Los Angeles,
California, June 22, 1998

Berger, J.M.

Three Lectures:
Treatment of Pain in the Elderly
Anesthesia for Laparoscopic Cholecystectomy
Assessment and Management of Neuropathic Pain in
Cancer. Portuguese American Health Professional
Assoc., Inc. Annual Convention of the PAHPA in Portugal
Portugal, September 19-27, 1998

Berger, J.M.

The Problems of Pain Management and Palliative Care in
the Elderly. Instituto di Anesthesia e Riannemazione,
Policlinico S. Orsola, University of Bologna, Bologna, Italy,
October 2, 1998.

Berger, J.M.

Operative Positions in Anesthesia
Department of Anesthesia Conference
Kaiser Permanente Hospital, Bellflower, California
December 4, 1998

Berger, J.M.

Positioning in Anesthesia
Grand Rounds, Department of Anesthesia
USC School of Medicine, February 26, 1999

**CME Presentations
Continued:**

Berger, J.M.

Mechanisms of Pain

Department of Anesthesiology, Mini symposium on pain management, USC School of Medicine, February 27, 1999

Berger, J.M.

Spinal Cord and Central Pain, The VIth Annual Van der Meulen Symposium on Neuroscience, USC School of Medicine, March 26, 1999.

Berger, J.M.

How well do we do pain & suffering in the terminally ill?
UC Davis 8th annual review and update of pain management for the Primary Care Clinician. Yosemite National Park, June 4-6, 1999

Berger JM

Mechanisms of Neuropathic Pain, St Joseph's Medical Center, Grand Rounds, Burbank, California, June 22, 1999

Berger JM

Palliative Care

USC Family Medicine Board Review and Clinical Update-1999. Universal City, California, June 24-27, 1999

Berger JM

Upper extremity nerve blocks

Hand and Plastic Surgery Teaching Conference

USC School of Medicine

September 29, 1999

Berger, J.M.

Palliative Care

Grand Rounds, Kaiser Permanente Medical Center, Panorama City, California, November 22, 1999.

Berger, J.M.

Common Physical Symptoms in Terminal Illness.

Successes in End of Life Care

Education for Physicians on End-of-Life Care (EPEC)

City of Hope, Duarte, Calif., Dec. 2,3, 1999.

**CME Presentations
Continued:**

Berger, J.M.

Epiduroscopy, 3 hr didactic presentation and 4 hour cadaver workshop. Naval Medical Center, Department of Anesthesiology and UCSD Pain Management Medical Group Sponsored Course, Interventional Pain Management, San Diego, California, Feb. 4-6, 2000

Berger, J.M.

Ethics in the Practice of Anesthesia
Department of Anesthesiology Grand Rounds
Martin Luther King–Drew Medical Center
Los Angeles, Calif. February 11, 2000.

Berger, J.M.

Pain as an Emergency
The Seventh Annual
Joseph P. Van Der Meulen Symposium in Clinical
Neurosciences: Neurologic Emergencies and Critical Care,
Los Angeles, California, Keck School of Medicine, of the
University of Southern California, March 31, 2000.

Berger, J.M.

Pain in the Elderly
USC Department of Internal Medicine, Division of Geriatric
Medicine Grand Rounds, Los Angeles, California,
April 10, 2000.

Berger, J.M.

Acute Pain Management
Pivotal Dinner Lecture, San Gabriel Valley Medical Center,
San Gabriel, California May 31, 2000

Berger, J.M.

Pain Management in Cancer and Terminally ill Patients
Kaiser Permanente of Panorama City, Department of
Internal Medicine Grand Rounds, Panorama City,
California, June 13, 2000.

**CME Presentations
Continued:**

Berger, J.M.

Local/Regional Anesthesia of the Upper Extremity
Division of Plastic and Reconstructive Surgery, University of
Southern California and Kaiser Permanente Medical Center
Grand Rounds, Los Angeles, October 11, 2000.

Berger, J.M.

Overview of Pain Management
Pain management symposium, Department of Nursing,
LAC+USC Medical Center, October 19, 2000.

Berger, J.M.

Acute Pain Management, Visiting Professor Lecture Series
St. Francis Medical Center, Lynwood, California
November 14, 2000

Berger, J.M.

Palliative Care: End of Life Care
Kaiser Permanente Medical Center, Sunset, CME
Internal Medicine and Family Practice Grand Rounds
January 9, 2001

Berger, J.M.

Navy Interventional Pain Management Course
Faculty Coordinator and Presenter for Epiduroscopy Module
San Diego, Ca., February 2-4, 2001

Berger, J.M.

Acute Pain Management
Robert F. Kennedy Hospital, Hospital Grand Rounds, CME
Hawthorne, California
February 8, 2001

Berger, J.M.

Acute Pain Management
Nursing Symposium, Pain the 5th Vital Sign
LAC+USC Medical Center, Los Angeles, Ca.
February 14, 2001

**CME Presentations
Continued:**

Berger, J.M.

Pain Management
Grand Rounds, White Memorial Hospital
Los Angeles, Calif. March 15, 2001

Berger, J.M.

Acute Pain Management, Pain the 5th Vital Sign
Grand Rounds, Olive View Medical Center
April 17, 2001

Berger, J.M.

Acute Pain Management
Grand Rounds, Mission Hospital, Huntington Park, Calif.
July 18, 2001

Berger, J.M.

Acute Pain Management, Dept. of Internal Medicine Grand
rounds, LAC+USC Medical Center, Los Angeles,
July 24, 2001

Berger, J.M.

Pain Management and the Law
Grand Rounds, Arroyo Grande Hospital, Arroyo Grande,
Calif., August 9, 2001

Berger, J.M.

Management of Post-op Pain, Dept. of Anesthesiology
Grand Rounds, Olive View-UCLA Medical Center, Sylmar,
Calif., September 13, 2001

Berger, J.M.

Pain Management and OxyContin , Grand Rounds, Granada
Hills Medical Center, Granada Hills, September 13, 2001

Berger, J.M.

Assessing Pain Management, Pacific Alliance Medical
Center, Grand Rounds, Los Angeles, September 17, 2001

**CME Presentations
Continued:**

Berger, J.M.

Pain Management in the Hospital Setting, Grand Rounds
Quarterly Staff Meeting, La Palma Community Hospital,
7821 Walker Street, La Palma, Calif. 90623
September 20, 2001

Berger, J.M.

Acute Pain Management, Grand Rounds, Community
Memorial Hospital, Ventura, Calif. September 29, 2001

Berger, J.M.

Pain: The 5th Vital Sign, Grand Rounds, Memorial Hospital of
Gardena, Gardena, California, October 15, 2001

Berger, J.M.

Tolerance to Opioids, Anesthesiology Breakfast Rounds,
LAC+USC Medical Center, November 14, 2001.

Berger, J.M.

Pain Management, Grand Rounds San Joaquin Community
Hospital, Bakersfield, California, November 29, 2001

Berger, J.M.

Peri-operative Peripheral Nerve Damage, Dept. Of
Anesthesiology Grand Rounds, LAC+USC Medical Center,
Los Angeles, November 30, 2001.

Berger, J.M.

Complications of Positioning
Sherman Oaks Hospital Grand Rounds, Sherman Oaks,
California, January 31, 2002

Berger, J.M.

Pain Management, Whittier Hospital medical Center Grand
Rounds, Whittier, Calif., February 21, 2002

Berger, J.M.

Pain Management in Oncology, Oncology Grand Rounds,
USC Norris Cancer Hospital, Los Angeles, Calif.
February 27, 2002.

**CME Presentations
Continued:**

Berger, J.M.

Pain Management Update, San Gabriel Valley Medical Center Grand Rounds, San Gabriel, Calif. March 7, 2002

Berger, J.M.

Chronic Pain Management
Little Company of Mary Hospital Grand Rounds, Torrance California, March 28, 2002.

Berger, J.M.

Acute Pain Management, Kaiser Permanente Bellflower Grand Rounds, Bellflower, Calif., April 9, 2002.

Berger, J.M.

Acute Pain Management, Robert F. Kennedy Hospital Grand Rounds, Hawthorne, Calif., April 11, 2002.

Berger, J.M.

Pain Management
Los Alamitos Medical Center Grand Rounds, Los Alamitos, California, April 15, 2002

Berger, J.M.

Pain Management, Kaiser Permanente Hospital Woodland Hills, Grand Rounds, Woodland Hills, California, May 7, 2002

Berger, J.M.

Pain Management, Kaiser Permanente Panorama City Hospital Grand Rounds, Panorama City, California, May 23, 2002.

Berger, J.M.

Pain Management, San Dimas Community Hospital Grand Rounds, San Dimas, California, June 19, 2002

Berger, J.M.

Pain Management Update, Alameda Hospital, Alameda, California, June 24, 2002

**CME Presentations
Continued:**

Berger, J.M.

Interventional Pain Management, St Joseph Medical Center
Grand Rounds, Burbank, California, June 27, 2002

Berger, J.M.

Pain Management Update, Riverside Community Hospital
Grand Rounds, Riverside, California, July 15, 2002

Berger, J.M.

Pain Management, Alhambra Medical Center Grand
Rounds, Alhambra, California, July 16, 2002.

Berger, J.M.

Acute Pain Management, Department of Internal Medicine
Grand Rounds, LAC+USC Medical Center, Los Angeles,
July 19, 2002

Berger, J.M.

Acute Pain Management, Grand Rounds, Encino Tarzana
Regional Medical Center, Tarzana, California, August 26,
2002.

Berger, J.M.

Pain Management, Grand Rounds, Northridge Hospital
Medical Center: Sherman Way, Van Nuys, California,
September 5, 2002

Berger, J.M.

Implementing guidelines for opioid pharmacotherapy, Kaiser
Permanente Hospital West Los Angeles, Los Angeles,
California, October 14, 2002.

Berger, J.M.

Palliative Care, Huntington Beach Hospital Grand Rounds,
Huntington Beach California, October 17, 2002

**CME Presentations
Continued:**

Berger, J.M.

Opioids in Pain Management, Pain Management Update:
USC Pain Symposium, Los Angeles, California, Full day
October 25, 2002, Co-Course Director

Berger, J.M.

Pain Management Update,
Victor Valley Community Hospital Grand Rounds, Victorville,
Calif., November 4, 2002.

Berger, J.M.

Pathophysiology of Acute and Chronic Pain, 2hrs, Kaiser
Permanente Medical Group, Pasadena, California,
November 8, 2002.

Berger, J.M.

Pain Management, Use of Opiates. Whittier Hospital
Medical Center 4th Annual CME in Paradise Symposium,
Focus on Patient Care, San Diego, California,
November 9, 2002.

Berger, J.M.

How to treat the Geriatric pain Patient, Robert F. Kennedy
Hospital Grand Rounds, Hawthorne, California,
February 6, 2003.

Berger, J.M.

Acute Pain Management in Children, Antelope Valley
Hospital Grand Rounds, Lancaster, California.
February 8, 2003.

Berger, J.M.

Complex Regional Pain Syndrome (RSD), Montclair Doctor's
Hospital Grand Rounds, Montclair, California.
February 20, 2003.

Berger, J.M.

Pain Management in the Elderly, Providence Holy Cross
Medical Center Grand rounds, Mission Hills, California,
March 4, 2003.

**CME Presentations
Continued:**

Berger, J.M.

Pre-emptive Analgesia, Ventura County Hospital Grand Rounds, Ventura, California, March 6, 2003.

Berger, J.M.

Chronic Pain Management, Kaiser Permanente Bellflower Grand Rounds, Bellflower, Calif., March 11, 2003

Berger, J.M.

Pain Management Update, La Palma Community Hospital quarterly staff meeting, La Palma, California, March 20, 2003.

Berger, J.M.

Pre and Post Operative Pain, Scripps/Mercy Hospital Grand Rounds, San Diego, California, April 15, 2003.

Berger, J.M.

Preemptive and Preventive Analgesia, Anesthesia Grand Rounds, Keck School of Medicine, Los Angeles, California. April 18, 2003.

Berger, J.M.

Pain Management in the Geriatric Patient, Southwest Healthcare System, Inland Valley Medical Center Pain Management Conference, Wildomar, California. May 31, 2003.

Berger, J.M.

Post Operative Pain Management, Southwest Healthcare System, Inland Valley Medical Center Pain Management Conference, Wildomar, California. May 31, 2003.

Berger, J.M.

Palliative and End of Life Care, Should we Operate? Department of Anesthesiology Grand Rounds, LAC+USC Medical Center, Los Angeles, California. June 6, 2003.

**CME Presentations
Continued:**

Berger, J.M.

A clinician's approach to pain management: Update on the Rational for Pain Management and Legislative Bill AB487. Pioneer Medical Group Weekend CME Symposium, Costa Mesa, California, June 7, 2003.

Berger, J.M.

Pain Management Update, East Los Angeles Doctor's Hospital Grand Rounds, Los Angeles, Calif. June 10, 2003

Berger, J.M.

Palliative Care: End of Life Care, Antelope Valley Hospital-General Medical Staff Meeting, Lancaster, California, June 10, 2003.

Berger, J.M.

Complications in pain management. Annual Medical Staff Meeting Grand Rounds, St. Francis Medical Center, Lynnwood, California, June 12, 2003.

Berger, J.M.

Postoperative pain management. St Joseph Medical Center Grand Rounds, Burbank, California, June 26, 2003.

Berger, J.M.

Pain Management. Internal Medicine Grand Rounds, LAC+USC Medical Center, Los Angeles, California, July 28, 2003.

Berger, J.M.

Chronic Pain in Children, Citrus Valley Medical Center Grand Rounds, West Covina, Calif. July 28, 2003.

Berger, J.M.

Serotonin Syndrome, Department of Anesthesia Grand Rounds, LAC+USC Medical Center, Los Angeles, California. September 5, 2003.

**CME Presentations
Continued:**

Berger, J.M.

Pain Management in the Elderly, Kaiser Permanente Baldwin Park Grand Rounds, Baldwin Park, California. September 11, 2003.

Berger, J.M.

Pain Management Update, Daniel Freeman Marina Medical Center annual staff meeting CME program, Los Angeles, September 16, 2003.

Berger J.M.

Pain Management in Patients with Chronic Liver and/or Kidney Disease, Orange Coast Memorial Medical Center Grand Rounds, Fountain Valley, California. Sept. 18, 2003.

Berger, J.M.

Pain Management Update, San Joaquin Community Hospital Grand Rounds, Bakersfield, California. September 30, 2003.

Berger, J.M.

Opioids in children. Pediatric grand rounds, LAC+USC Medical Center, Los Angeles, California. October 21, 2003

Berger, J.M.

Pain Management Update, Parkview Community Hospital Medical Center Grand Rounds, Riverside, Calif. November 4, 2003

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Las Vegas, Nevada. November 8, 2003

Berger, J.M.

Pain Management Update, El Monte Community Hospital Grand Rounds, Greater El Monte, California November 12, 2003.

Berger, J.M.

Neuropathic Pain, Providence Holy Cross Medical Center Grand Rounds, Mission Hills, California, November 18, 2003

**CME Presentations
Continued:**

Berger, J.M.

Concepts in Preventive Analgesia: Implications for Progression of Acute Pain to Chronic Pain, 2 hours. International College of Surgeons Annual Meeting, Anaheim, California, November 23, 2003.

Berger, J.M.

Pain Management in Children, Kaiser Permanente Bellflower Hospital Grand Rounds, Bellflower, Calif. December 9, 2003.

Berger, J.M.

Ethics in pain management. Northridge Medical Center Sherman Way Campus Grand Rounds, Van Nuys, California January 8, 2004

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Orland, Florida. January 24, 2004.

Berger, J.M.

Pain Management: Pain Management in Children. Grand Rounds, St. John's Regional Medical Center, Oxnard, California, February 3, 2004.

Berger, J.M.

Chronic Pain Management, Grand Rounds, Pacific Hospital of Long Beach, Long Beach, California, February 5, 2004.

Berger, J.M.

Preventive pain management. CME program, DHS Comprehensive Health Center, Long Beach, California, February 12, 2004.

Berger, J.M.

Cancer Related Pain Management, Semi Valley Hospital Grande Rounds, Semi Valley, California, February 26, 2004.

**CME Presentations
Continued:**

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Vail, Colorado.
March 6, 2004

Berger, J.M.

Overview of pain. The Eleventh Van Der Meulen Symposium: Advances in the Treatment of Pain. USC Keck School of Medicine, Los Angeles, California, April 2, 2004

Berger, J.M.

Preventive pain management: CME program, Rancho Los Amigos Medical Center, Downey, California May 6, 2004

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Las Vegas, Nevada.
May 22, 2004

Berger, J.M.

Pain Management Review, Department of Orthopedic Surgery Keck School of Medicine Grand Rounds, Los Angeles, California June 4, 2004.

Berger, J.M.

Concepts in Preventive Analgesia, Visiting Professor, Grand Rounds, Department of Anesthesiology, Ospedale S Orsola, Università degli Studi di Bologna, Bologna, Italy
June 14, 2004.

Berger, J.M.

Concepts in Preventive Analgesia, Visiting Professor, Grand Rounds, Department of Anesthesiology, Ospedale Bellaria, Università degli Studi di Bologna, Bologna, Italy
June 21, 2004.

Berger, J.M.

Pain Crisis, Department of Internal Medicine Keck School of Medicine Grand Rounds for Residents, Los Angeles, Calif.
July 26, 2004.

**CME Presentations
Continued:**

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, New York, N.Y.
July 31, 2004

Berger, J.M.

Pain Management in the Elderly: Presentation for the panel on Anesthetic considerations in the Elderly, American Society of Anesthesiology annual meeting, Las Vegas, Nevada, October 27, 2004

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Las Vegas, Nevada.
November 6, 2004

Berger, J.M.

Palliative and End-of-Life Care, Hollywood Presbyterian Hospital First Annual Oncology Symposium, Los Angeles, California, November 13, 2004.

Berger, J.M.

Pain Management in the Elderly, Grand Rounds, Downey Community Hospital, Downey, Calif., November 18, 2004

Berger, J.M.

Acute Pain Crises. Grand Rounds, Department of Orthopedic Surgery, Keck School of Medicine, University of Southern California, Los Angeles, Calif. January 7, 2005.

Berger, J.M.

Post Operative Pain. Grand Rounds, Encino Tarzana Regional Medical Center, Tarzana, Calif. January 11, 2005

Berger, J.M.

Chronic pain management. Internal Medicine Grand Rounds, Riverside Community Hospital, Riverside, California, January 17, 2005.

**CME Presentations
Continued:**

Berger, J.M.

Pain Crisis at the End of Life, St. Joseph of Burbank annual symposium, Burbank, Calif. January 22, 2005

Berger, J.M.

Palliative care and end of life care. Grand Rounds, Pacifica Hospital of the Valley, Sun Valley, Calif. January 27, 2005

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Orlando, Fl. Jan. 29, 2005

Berger, J.M.

Molecular mechanisms of preventive analgesia. Department of Anesthesiology Keck School of Medicine Grand Rounds, Los Angeles, Calif. February 25, 2005.

Berger, J.M.

Pain crisis at the end-of-life. Grand Rounds Dept of Internal Medicine, Keck School of Medicine, Los Angeles, California March 15, 2005.

Berger, J.M.

No longer a choice: Ethical issues and pain management. Grand Rounds, San Gabriel Valley Medical Center, San Gabriel, Calif. April 7, 2005.

Berger, J.M.

Pain crisis at the end-of-life. Grand Rounds Dept of Pulmonary Medicine, LAC+USC Medical Center, Los Angeles, California May 4, 2005.

Berger, J.M.

Peri-operative pain management. Grand Rounds Department of Obstetrics and Gynecology, LAC+USC Medical Center, Los Angeles, California May 6, 2005

Berger, J.M.

Assessing and treating pain. Grand Rounds, East Los Angeles Doctor's Hospital, Los Angeles, Calif. May 10, 2005

**CME Presentations
Continued:**

Berger, J.M.

Pain Management Review. Grand Rounds, Department of Orthopedic Surgery, Keck School of Medicine, University of Southern California, Los Angeles, Calif. May 13, 2005.

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, San Francisco, California May 14, 2005.

Berger, J.M.

Techniques of Peripheral Nerve Blocks, Annual Kaiser Permanente Anesthesiology conference, Anaheim, California May 21, 2005.

Berger, J.M.

Management of Pain crisis at the end of life. Grand Rounds, Verdugo Hills Hospital, California, June 9, 2005.

Berger, J.M.

Basic Overview of Pain, Grand Rounds Providence Holy Cross Medical Center, Mission Hills, California July 5, 2005.

Berger, J.M.

Positioning in anesthesia. Grand Rounds Department of Anesthesiology, Keck School of Medicine, University of Southern California, Los Angeles, California July 8, 2005

Berger, J.M.

Pain Management of the Acute Pain Crisis, annual lecture series for Residents in Internal Medicine, LAC+USC Medical Center, Los Angeles, California, July 25, 2005.

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, New York, New York, July 30, 31, 2005

**CME Presentations
Continued:**

Berger, J.M.

Pain assessment and treatment, Grand Rounds, Promise Hospital of East Los Angeles, Paramount, California, September 1, 2005.

Berger, J.M.

Pain management from an anesthesia perspective. Grand Rounds, Pacific Alliance Medical Center, Los Angeles, September 26, 2005.

Berger, J.M.

Metabolic effects of street drugs. Dept. of Anesthesiology Keck School of Medicine Grand Rounds, Los Angeles, California September 30, 2005.

Berger, J.M.

Pain management in the elderly. Kaiser Permanente Grand Rounds, Bellflower, California October 11, 2005

Berger, J.M.

Problem-based Learning Discussion, American Society of Anesthesiologists 2005 Annual Meeting, Atlanta, Georgia, two sessions, October 22, and October 23, 2005.

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Las Vegas, Nevada, October 29, 2005.

Berger, J.M.

Case presentation of difficult airway management, morning resident conference, Dept. of Anesthesiology, LAC+USC Medical Center, Los Angeles, California, November 9, 2005

Berger, J.M.

Peripheral Nerve Block Workshop, 9th Kaiser Permanente Interregional Education Symposium, Monterey California, November 10, 2005

**CME Presentations
Continued:**

Berger, J.M.

Management of peripheral neuropathies and neuropathic pain. California Hospital symposium, Los Angeles, California, November 11, 2005.

Berger, J.M.

Journal Club moderator; controversies in anesthesia. Dept. of Anesthesiology, Keck School of Medicine, Los Angeles, Calif. January 12, 2006

Berger J.M.

Concepts in preventive analgesia. Martin Luther King Hospital Anesthesiology Grand Rounds, Los Angeles, Feb. 10, 2006

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Orlando Fl., February 18, 2006

Berger, J.M., Rever, L, Ryan, A.

Current Issues in Pain Management and End-of-Life Care, Module on pain management for USC Keck School of Medicine monthly Saturday Medicine Symposium series for continuing medical education, Los Angeles, Calif. March 11, 2006 (lectures on Neuropathic pain, acute herpes zoster, post herpetic neuralgia, and diabetic neuropathy)

Berger, J.M.

Rational approach to opioids. Grand Rounds, Brotman Medical Center, Culver City, California March 21, 2006.

Berger, J.M.

Pharmacology of pain management. USC Department of Orthopedic Surgery Grand Rounds. Los Angeles, Calif. April 14, 2006.

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Dallas, Tx. April 22, 2006

**CME Presentations:
Continued:**

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, San Francisco, CA. May 20, 2006

Berger, J.M.

Positioning in Anesthesia. Grand Rounds, Dept. of Anesthesia, Keck School of Medicine, Los Angeles, California, July 7, 2006.

Berger, J.M.

Regional blocks in anesthesia. Afternoon introductory lecture series for new residents, Los Angeles, CA, July 19, 2006.

Berger, J.M.

Narcotics in anesthesia. Introductory lecture series for new residents. Los Angeles, California, July 26, 2006.

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Washington D.C. August 5, 2006

Berger, J.M.

Basic Overview of Pain. Grand Rounds, Community and Mission Hospitals of Huntington Park, Huntington Park, Calif. September 7, 2006.

Berger, J.M.

Metabolic effects of street drugs. Department of Anesthesiology Grand Rounds, Keck School of Medicine, Los Angeles, California, September 29, 2006

Berger, J.M.

Neuropathic Pain. Providence Holy Cross Medical Center Symposium, Mission Hills, California, September 30, 2006.

Berger, J.M.

Concepts of preventive analgesia. Grand Rounds, Verdugo Hills Medical Center, Verdugo Hills, California, October 5, 2006.

**CME Presentations
Continued:**

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Las Vegas, Nev. Oct 28, 2006; Advanced course Oct 30-31, 2006

Berger, J.M.

Concepts of preventive analgesia. Grand Rounds, Suburban Medical Center, Los Angeles, California November 2, 2006

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Orlando Fl., February 24, 2007; Advanced course February 26, 2007.

Berger, J.M.

Ultrasound guided peripheral nerve blocks. Presented at USC Keck School of Medicine 10th Annual Difficult Airway/4th Annual Current Concepts in Ultrasound Symposium, Los Angeles, Calif., April 7, 2007

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Las Vegas, Nev. April 28, 2007; Advanced course April 30, 2007

Berger, J.M.

Bioterrorism. USC Dept. Anesthesiology, Keck School of Medicine, Los Angeles, CA, May 2, 2007

Berger, J.M.

Overview Molecular Mechanisms of chronic pain. Department of Anesthesiology, Keck School of Medicine, Los Angeles, CA. May 16, 2007

Berger, J.M.

Acute Pain Crisis. Grand Rounds Department of Medicine, LAC+USC Medical Center, Los Angeles, CA, July 27, 2007

**CME Presentations
Continued:**

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Orlando Fl., August 25, 2007. Advanced course August 27, 2007.

Berger, J.M.

Concepts in Preventive Analgesia. Grand Rounds, Mission Valley Community Hospital, Van Nuys, Calif. September 11, 2007

Berger, J.M.

“Mythology of Nitrous Oxide.” And “Metabolic Effects of Street Drugs.” Two 1 hour lectures for Grand Rounds, Dept. of Anesthesia, LAC+USC Medical Center, Los Angeles, Calif. , October 5, 2007.

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Las Vegas, Oct 27, 2007; Advanced course October 29, 2007.

Berger, J.M.

Acute Post Operative Pain Management. Grand Rounds, Dept. of Head and Neck Surgery, LAC+USC Medical Center, Los Angeles, Calif., November 16, 2007

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Austin, Texas January 26, 2008; Advanced course October January 28, 2008.

Berger, J.M.

Serotonin and Serotonin Syndrome, Grand Rounds, Department of Anesthesiology, LAC+USC Medical Center, Los Angeles, Calif. February 15, 2008

**CME Presentations
Scheduled:**

Berger, J.M.

Injection therapy for pain management: didactic and cadaver course. Empire Medical Training, Orlando, Florida, August 23, 2008: Advanced course August 25, 2008.

Instructional programs for medical students in the Keck School of Medicine, students in the Nurse Anesthesia School of the Keck School of Medicine, students in the School of Occupational Therapy of the Keck School of Medicine.

Berger J.M.

Chronic Pain, Medical Lecture Series
Presented at the School of Occupational Therapy
University of Southern California
Center for Health Professions, Los Angeles, California
September 16, 1996

Berger, J.M.

Facilitator for Course on Ethics--Physician in Society
3rd year Medical School course, USC School of Medicine,
8 hours of instruction on Pain Management in Patients with
Chronic Illness. May 1997.

Berger, J.M.

Facilitator for USC School of Medicine Course for 1st year
medical students on Ethics, April 16, 1998

Berger, J.M.

Facilitator for USC School of Medicine Course for 3rd year
medical students on ethics and the physician in society.
8 hrs. Instruction May 5, 7, 11, 14, 20, 1998.

Berger, J.M.

Pain . USC School of Nursing, Nursing 576 Course
Los Angeles, California, June 29, 1998 (4 Hours)

Berger, J.M.

Chronic Pain
Medical Lecture Series, Department of Occupational
Science and Occupational Therapy, University of Southern
California, September 29, 1997

Berger, J.M.

Preceptor for Senior Seminar Course in Bioethics, University
of Southern California School of Religion. November 18,
December 2, and December 9, 1998, LAC-USC Medical
Center, Los Angeles, California.

Instructional programs for medical students in the Keck School of Medicine, students in the Nurse Anesthesia School of the Keck School of Medicine, students in the School of Occupational Therapy of the Keck School of Medicine.

Continued:

Berger, J.M.

Chronic Pain, Medical Lecture series, Graduate School of Occupational Therapy, University of Southern California. November 23, 1998.

Berger, J.M.

Preceptor for module on pain and palliative care of the introduction to clinical medicine course for 1st year medical students, University of Southern California School of Medicine, February 2, 23, March 2, 4, April 6, 1999.

Berger, J.M.

Facilitator for USC School of Medicine Course for 3rd year medical students on ethics and the physician in society. 8 hrs. Instruction May 1999.

Berger JM

Pain, Mechanisms and Pathophysiology
USC School of Nursing, Nursing 576 Course
4 hour lecture, June 16, 1999

Berger, J.M.

Chronic Pain
Medical Lecture series, Graduate School of Occupational Therapy, University of Southern California Center for Health Sciences, 11/15/99.

Berger, J.M.

Preceptor for Senior Seminar Course in Bioethics, University of Southern California School of Religion. November 17, December 1, and December 8, 1999, LAC+USC Medical Center, Los Angeles, California.

Instructional programs for medical students in the Keck School of Medicine, students in the Nurse Anesthesia School of the Keck School of Medicine, students in the School of Occupational Therapy of the Keck School of Medicine.

Continued:

Berger, J.M.

Preceptor for Introduction to Clinical Medicine Course for 1st year medical students at Keck School of Medicine of the University of Southern California, module on pain management, palliative care, ethics in death and dying. Feb 15, March 14, April 11, May 23, June 6, 2000.

Berger, J.M.

Facilitator for USC School of Medicine Course for 3rd year medical students on ethics and the physician in society. 8 hrs. Instruction, May 15, 16, 17, 2000.

Berger, J.M.

Preceptor, Senior Seminar Course in Bioethics
University of Southern California
September 6, 13, 20, 2000

Berger, J.M.

Chronic Pain/Pain Management
Medical Lectures Series, School of Occupational Science
and Occupational Therapy, University of Southern California,
Los Angeles, October 16, 2000

Berger, J.M.

Facilitator for USC Keck School of Medicine Course for 3rd year medical students on ethics and the physician in society. 8 hrs. Instruction, May 8, 10, 14, 15, 2001.

Berger, J.M.

Visiting Professor Lecture, Molecular Mechanisms of Pain
Memorial Sloan Kettering Medical Center, N.Y.
May 25, 2001

Instructional programs for medical students in Keck School of Medicine, students in Nurse Anesthesia School of Keck School of Medicine, students in School of Occupational Therapy Keck School of Medicine.

Continued:

Berger, J.M.

Chronic Pain/Pain Management
Medical Lectures Series, School of Occupational Science
and Occupational Therapy, University of Southern
California,
Los Angeles, November 19, 2001.

Berger, J.M.

Mechanisms of Pain, and Pain Management, 4 hour
course curriculum lecture, School of Nurse Anesthesia,
University of Southern California School of Nursing, Los
Angeles, Calif., July 22, 2002

Berger, J.M.

Pain; 4 hour presentation for Student Nurse Anesthesia
lecture program, Keck School of Medicine, University of
Southern California, Los Angeles, Calif. June 7, 2004.

Berger, J.M.

Pain; 4 hour presentation for Student Nurse Anesthesia
lecture program, Keck School of Medicine, University of
Southern California, Los Angeles, Calif. June 6, 2005.

Berger, J.M.

Obstetric anesthesia: 4 hour presentation for Student
Nurse Anesthesia lecture program, Keck School of
Medicine, University of Southern California, Los
Angeles, Calif. July 11, 2005.

Continued:

Instructional programs for medical students in Keck School of Medicine, students in Nurse Anesthesia School of Keck School of Medicine, students in School of Occupational Therapy Keck School of Medicine.

Berger, J.M.

Pain; 4 hour presentation for Student Nurse Anesthesia lecture program, Keck School of Medicine, University of Southern California, Los Angeles, Calif. June 5, 2006.

Berger, J.M.

Obstetric anesthesia: 4 hour presentation for Student Nurse Anesthesia lecture program, Keck School of Medicine, University of Southern California, Los Angeles, Calif. July 10, 2006.

Berger, J.M.

Pain; 4 hour presentation for Student Nurse Anesthesia lecture program, Keck School of Medicine, University of Southern California, Los Angeles, Calif. June 5, 2007.

Berger, J.M.

Obstetric anesthesia: 4 hour presentation for Student Nurse Anesthesia lecture program, Keck School of Medicine, University of Southern California, Los Angeles, Calif. July 23, 2007.

Proprietary lecture programs

Berger J.M.

Emerging Applications for Anticonvulsants in Chronic Pain Management. Presented in San Francisco, CA May 29, 1996.

Sponsored by Professional Post Graduate Services

Berger J.M.

Attendee and contributor at the Purdue-Frederick Pain Management Meeting. May 31-June 2, 1996, Boca Raton, FL.

Berger J.M.

Emerging Applications for Anticonvulsants in Chronic Pain Management. Presented in Seattle, WA June 5, 1996.

Sponsored by Professional Post Graduate Services

Berger J.M.

Emerging Applications for Anticonvulsants in Chronic Pain Management. Presented in Minneapolis, Minn. Aug. 22, 1996. Sponsored by Professional Post Graduate Services

Berger, J.M.

Contemporary Approaches to Managing Pain: Therapeutic Challenges: Focus on Myofascial Pain. Teleconference moderator. Professional Postgraduate Services, October 21, November 11, and November 18, 1998

Berger, J.M.

Preceptorship course for Janssen Pharmaceutica on Pain Management, given at USC University Hospital, Los Angeles, Feb 29-March 1, 2000.

Proprietary lecture programs

Continued:

Berger J.M.

Pathophysiology of Chronic Pain, Janssen
Pharmaceutical sponsored meeting, Thousand Oaks,
California, August 29, 2002.

Department Symposiums:

Techniques of Peripheral Nerve Blocks, Keck School of
Medicine, Los Angeles, February 23, 2008

State Panels on Pain Management

Berger, J.M.

Panel participant in the Pain Summit
Focus on Regulatory Barriers and Medical Education
Sponsored by Southern California Cancer Pain Initiative
Held at the City of Hope National Medical Center,
Duarte, California, July 14, 1998

Berger, J.M.

Panel Discussant at City of Hope conference on Quality
Issues across the Continuum of Care. Duarte, California,
December 9, 1998.

Book Review:

**Clinical Management of the Elderly Patient in Pain, McCleane
G. and Smith H., Editors, The Haworth Medical Press, New
York, 2006. Reviewed for Anesthesia and Analgesia, April
2007; 104 No. 4:1006.**

Journal Editorial reviews:

**Journal of Clinical Anatomy
Seminars in Anesthesia, Pain Management, and Critical Care
2007
Current Molecular Pharmacology 2008
Journal of Critical Care 2008**

CONTINUING MEDICAL EDUCATION (April 24, 2008)
JACK MARSHALL BERGER, M.D., Ph.D.
(Non Departmental)

SPONSOR	COURSE DATE	HRS.
Audio Digest Foundation	Anesthesiology Home Tapes Volumes 25-26	32
Dept. Anesthesiology & Continuing Medical Education Maricopa Medical Center	5th Annual Symposium on Current Concepts in management of Chronic Pain Syndrome March 12-13, 1983	14
Society of Air Force Anesthesiologists	30th Annual Anesthesiology Review June 13-17, 1983 San Antonio, TX	35
University Health Sciences Chicago Medical School	Emergency Cardiac Care November 18-20, 1983 Chicago, IL	19
University of Vermont College of Medicine	McGill Annual Review Course in Anesthesia May 28-June 1, 1984 Montreal, Canada	25.5
University Pittsburgh	Atrocurium Satellite Teleconference February 9, 1984	3
Maxicare Medical Centers	Impact of NICU on Maxicare Medical Centers March 28, 1984 Los Angeles, CA	1
Maxicare Medical Centers	Pelvic Inflammatory Disease October 11, 1984 Los Angeles, CA	1
California Society of Anesthesiologists	2nd Annual Winter Conference February 2-9, 1985 Sun Valley, Idaho	18

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Los Angeles County Society of Anesthesiologists	XXX Postgraduate Assembly March 16-17, 1985 Los Angeles, CA	11
California Society of Anesthesiologists	Post-ASA Annual Meeting October 17-25, 1985 Maui, HI	24
California Society of Anesthesiologist	3rd Annual Winter Conference February 8-15, 1986 Snowmass, CO	18
Maxicare Medical Centers	Medical Management of the Surgical Patient March 23-28, 1986 Mammoth Lakes, CA (Served as Director & Principle Speaker)	10
American Society of Outpatient Surgeons	8th Annual Meeting February 27-March 1, 1987 Tempe, AZ	10
Los Angeles County Society of Anesthesiologists	XXXII Postgraduate assembly March 21-22, 1987 Los Angeles, CA	11
George Washington University Medical Center	2nd Annual Society of Ambulatory Anesthesia Meeting: Controversies in Ambulatory Surgery April 3-5, 1987 Washington, D.C.	15
Anesthesiology Education Foundation	Anesthesia Practice 1987 September 25-27, 1987 Monterey, CA	10.5
Dannemiller Memorial Education Foundation	Principles and Practice of Pain Management, Economic issues in Pain Management Scottsdale, AZ February 6-7, 1988	13.5

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Los Angeles County Society of Anesthesiologists	XXXIII Postgraduate Assembly March 12-13, 1988 Los Angeles, CA	11
So. California Chapter American Dance/Movement Therapy Assn. Workshop Lecture Series	Body/Mind: Pain & Healing Symposium Lecture presented by me. May 4, 1988 Los Angeles, CA	10
Anesthesiology Education Foundation	Anesthesia Practice 1988 September 30-October 2, 1988 Newport Beach, CA	10.5
Children's Hospital Los Angeles	27th Clinical Conference in Pediatric Anesthesia January 27-29, 1989 Los Angeles, CA	15
Los Angeles County Society of Anesthesiologists American Heart Association	XXXIV Postgraduate Assembly March 18-19, 1989 Advanced Cardiac Life Los Angeles, CA	11
Family Health Plans and Charter Community Hospital	ACLS Provider Course Hawaiian Gardens, CA October 17, 19, & 21, 1989	10
Los Angeles County Society of Anesthesiologists	XXXV Postgraduate Assembly Los Angeles, CA March 17-18, 1990	11
Cedars-Sinai Medical Center	The Occasional Obstetric Anesthesiologist and the High-risk Patient Los Angeles, CA September 8, 1990	6
Anesthesiology Education Foundation	Anesthesia Practice 1990 Monterey, CA September 21-23, 1990	16.5

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American Society of Anesthesiology	ASA Annual Meeting Las Vegas, NV October 19-23, 1990	45
Department Anesthesiology, Washington University School of Medicine, St. Louis	Anesthesia and the Geriatric Patient St. Louis, MO November 9-11, 1990	15.75
Los Angeles County Society of Anesthesiologists	XXXVI Postgraduate Assembly Universal City, CA March 16-17, 1991	11
California Society of Anesthesiologists	Case Conference in Anesthesia Newport Beach, CA March 23-24, 1991	9
University of California, Irvine Extension	Math X475.3: Statistical Analysis for Clinical Trials, 8 Thursdays Irvine, CA February 8-March 28, 1991 7-9 P.M.	1.5
Harvard Medical School	Intensive Care Medicine The Art and Science of Critical Care Boston, MA June 16-18, 1991	22
Family Health Plans and Charter Community Hospital and the American Heart Assn.	ACLS Certification Course Hawaiian Gardens, CA October 7, 9, & 12, 1991	16
Los Angeles County Society Anesthesiologists	XXXVII Postgraduate Assembly Los Angeles, CA March 21-22, 1992	11
California Society Anesthesiologists	Case Conference in Anesthesia Newport Beach, CA March 28-29, 1992	9
Beverly Hospital	Thirteenth Annual State of the Heart Symposium Costa mesa, CA May 15, 1992	7

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California Society Anesthesiologists	Hawaiian Seminar on Clinical Anesthesia Mauna Lani, Hawaii October 25-31, 1992	25
FHP Health Plans & Charter Community Hospital	Q.E.S. for Physicians Hawaiian Gardens, CA Nov. 10, 17, 1992	8
University of Miami School of Medicine	18 th Annual Symposium in Intensive Care Vail, CO February 6-13, 1993	25
FHP Health Plans & American College of Legal Medicine	Risk Prevention Skills/Communicating & Record Keeping in Clinical Practice Cerritos, CA February 3 & 24, 1993 (Plus Home Study)	14
Los Angeles County	38th Annual Post Graduate Society of Anesthesiologists Los Angeles, CA March 13-14, 1993	11
Dannemiller Memorial Educational Foundation	Interventional Pain Management Boston, MA July 16-18, 1993	15
Seton Medical Center	International Spinal Injection Society Precise Localization of Low Back pain and Sciatica San Francisco, CA, Oct. 13, 1993	7.5
Dannemiller Memorial Educational Foundation	Implantable Techniques Workshop, Tempe, Az. Jan. 21-23, 1994	19.5

UCSD and Del Mar Health	Power of the Art, Introduction to Medical Hypnosis La Jolla, CA Sept. 30 - Oct. 4, 1994	26
Seton Medical Center	The Painful Spine, Surviving into the 21st Century San Francisco, CA March 24-26, 1995	18
Dept. of Veterans Affairs	Pain Management in Elderly People Culver City, CA August 4-5, 1995	15
Futura Media Services, Inc.	Radio-frequency Techniques in the Management of Chronic Pain Newport Beach, CA Sept. 9-10, 1995	15.5
Los Angeles County Society Of Anesthesiologists	40th Post Graduate Assembly Los Angeles, CA September 23-24, 1995	10.5
CME Associates and FHP, Charter Community Hospital	ACLS Certification Course Hawaiian Gardens, CA October 24, 26, 28, 1995	16
American Pain Society	14th Annual Scientific Meeting Los Angeles, CA November 9-12, 1995	32
Southeast Seminars Inc.	Training course in use of video guided catheters for exam of epidural space Orlando, Fl. January 27, 1996 6 Hours certificate #41	0

University of Southern Calif. School of Medicine	USC Science & Ski Meeting Mammoth Lakes, CA March 3-8,1996	18
The Cleveland Clinic Foundation	Herpes Zoster and Postherpetic Neuralgia Whistler, BC, Canada August 13-14, 1996	11.5
University of Southern California, School of Medicine	Update in Medicine San Diego, CA September 21, 1996	6.0
Antelope Valley Hospital	Update on Geriatric Medicine 1997 Lancaster, Ca. February 22, 1997	5.0
University of Southern California School of Medicine	Pain--The Fourth Annual Joseph P. Van Der Meulen Symposium in Clinical Neuroscience Los Angeles, California March 14, 1997	7.0
University of Louisville School of Medicine	Expanding Your Pain Practice New Orleans, LA April 25-27, 1997	15.0
Sepulveda Geriatric Research Education and Clinical Center and Extended Care (GRECC)	Fifth Annual Hospice Conference Hospice:Caring Through Change Culver City, CA. June 5, 1997	7.0

NMHCC Bio/Technology Conference Division and supported by trends in Neurosciences	Therapeutic Developments in Chronic Pain Washington, DC June 26-28, 1997	14.0
Kaiser Foundation Hospital Los Angeles	1997 Physical Medicine & Rehabilitation Symposium Dana Point, CA August 30, 1997	6.0
Ohio State University	Society for Intravenous Anesthesia Sixth Annual SIVA Meeting, "Receptor Pharmacology: Theory, Anesthesia, and Analgesia in the 21st Century" San Diego, CA October 17, 1997.	7.75
The Pacific Center for Health Care Policy and Ethics, University of So. California	Physician Assistance in Bringing about Death: Can Regulation Work? Los Angeles, CA November 18, 1997 (all day conference)	0
City of Hope National Medical Center, Dept. of Continuing Medical Education	Pain Management at the End of Life Duarte, CA December 2, 1997	6.0
Medtronic Neurological	Advanced Techniques in the Use of Implantable Stimulation for Intractable Pain. Newport, CA. December 6, 1997	6.5
University of California San Diego	Computer Training for Physicians, San Diego, CA February 19-21, 1998	18.0

Reflex Sympathetic Dystrophy Syndrome Association of CA Mercy Hospital and Medical Center	RSD Professional Medical Symposium San Diego, CA March 28, 1998	8.5
NMHCC Bio/Technology Conference Division	2nd Annual Chronic Pain Conference, Annapolis, MD May 18, 19, 1998	14.0
National Academies of Sciences, Arnold and Mabel Beckman Center	The Neurobiology of Pain Irvine, California December 11-13, 1998	0
Rockhurst College Continuing Education Center	Mastering the Basics of Microsoft Access, Pasadena, California. Feb. 4, 1999	6.0
University of Southern California, Post Graduate Division Departments of Neurology, Neurological Surgery and Anesthesiology	Spinal Cord, Nerves and Muscles: The "Backbone" of Your Practice: The Sixth Annual Joseph P. Van Der Meulen Symposium in Clinical Neuroscience, Los Angeles, California, March 26, 1999	7.0
UC Davis Health System Center for Continuing Nursing and Medical Education	UC Davis Review & Update of Pain Management for the Primary Care Clinician, Yosemite Natl. Park, Fish Camp, CA June 4-6, 1999	14.5
Clinical Education Services Wilmington, Ma. Maricopa Health System Dept. Academic Affairs Continuing Medical Educ.	Advanced Discogenic Pain Syndromes, Wilmington, MA., November 20-21, 1999 Hands on Cadaver Course	15
City of Hope National Medical Center	Education for Physicians on End-of-Life Care. Duarte, California, December 2, 3, 1999	12.75

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Naval Medical Center, Department of Anesthesiology and UCSD Pain Management Medical Group	Interventional Pain Management, San Diego California, Feb. 4-6, 2000	30
American Academy of Professional Coders	Billing Pain Management in the New Millennium, St. Pete Beach, Florida, Feb. 7-8,2000	11
Keck School of Medicine University of Southern California	7 th Annual Joseph P. Van Der Meulen Symposium in Clinical Neurosciences: Neurologic Emergencies and Critical Care. Los Angeles, Calif. March 31, 2000	7
NMHCC Bio/Technology Conference Division	Third International Conference on the Mechanisms and Treatment of Neuropathic Pain, Washington D.C. June 8-10, 2000	17
American Academy of Hospice and Palliative Medicine	Advanced Palliative Medicine: Current Concepts and Certification Board Review Course, Chicago, Ill. October 6-7, 2000	16
University of Texas, Houston Medical School	Second Regional Anesthesia International Symposium: Continuous Peripheral Nerve Blocks for Orthopedic Surgery, San Francisco, October 13, 14, 2000,	10.5
Imedex USA, Inc.	The Fourth Conference on Pain Management and Chemical Dependency, Washington, D.C. December 7-9, 2000	22

Naval Medical Center, Department of Anesthesiology and UCSD Pain Management Medical Group	Interventional Pain Management, San Diego California, Feb. 1-4, 2001	27 hrs
International Pelvic Pain Society in Association With Univ. Rochester	Pelvic Pain Association Symposium. Phoenix, AZ. April 18, 2001	6 hrs
Professional Postgraduate Services	Clinical Advances in Managing Neuropathic Pain Disorders, Los Angeles, Calif. October 10, 2001	1.5 hrs
Duke School of Medicine, Office of Continuing Education	Complex Regional Pain Syndrome Greensboro, North Carolina, October 26-28, 2001	10 hrs
International Association for the Study of Pain	10 th World congress on Pain, San Diego, Calif. August 17-22, 2002	17 hrs
European Society of Hypnosis, Psychotherapy, and Psychosomatic Medicine	9 th European Congress, Hypnosis and the Other Therapeutic Modalities in the New Millennium, Rome, Italy, September 25-29, 2002	16 hrs
Keck School of Medicine, University of Southern California	Pain Management Update: USC Pain Symposium, Los Angeles, California, October 25, 2002,	6 hrs
Department of Anesthesiology, Keck School of Medicine	The Fast Tracking Concept: Applying it to Ambulatory and Inpatient Populations. Grand Rounds, Los Angeles, Calif. March 3, 2003	1 hr
Department of Anesthesiology, Keck School of Medicine	Preemptive Analgesia, Preventive Analgesia, Grand Rounds, Los Angeles, Calif. April 18, 2003	1 hr
Inland Valley Medical Center	Inland Valley Medical Center Pain Management Conference, Wildomar, California. May 31, 2003	2 hrs

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Department of Anesthesiology, Keck School of Medicine	Palliative and End of Life Care, Ethical Considerations, Grand Rounds, Los Angeles, Calif. June 6, 2003	2 hrs
Pioneer Medical Group, Inc.	A Clinician's Approach to Pain Management, Costa Mesa, California, June 7, 8, 2003	3 hrs
Department of Anesthesiology, Keck School of Medicine	Serotonin and Serotonin Syndrome, Grand Rounds, Los Angeles, Calif. September 5, 2003	2 Hrs
Brotman Medical Center Keck School of Medicine	Hormone Replacement Therapy, Culver City, California, October 13, 2003	1.0 hrs
University of Southern California	Sexual Harassment Awareness & Prevention Program, Los Angeles, California, November 5, 2003	1.5 hrs
Postgraduate Institute for Medicine	Applying new concepts in pain mechanisms to the management of acute and chronic pain. Beverly Hills, California, November 5, 2003	1.5 hrs
Department of Anesthesiology, Keck School of Medicine	Buprenorphine in Pain, Grand Rounds, Los Angeles, Calif. November 7, 2003	1 hr
International College of Surgeons, United States Section, California Division	Annual CME Meeting, Anaheim, California, November 23, 2003	6 hrs
American Board of Anesthesiology	Successful completion of the recertification examination in the subspecialty of pain management, September 20, 2003. Certificate number 11590 expires December 31, 2004.	25hrs

American Society of Addiction Medicine	Buprenorphine and Office-Based Treatment of Opioid Dependence, Los Angeles, Calif. July 24, 2004.	8hrs
Hollywood Presbyterian Hospital	Palliative and End of Life Care, 1 st Annual Symposium on Oncology. November 13, 2004, Hollywood, California	5hrs
Post Graduate Institute for Medicine	Postoperative epidural analgesia: Scientific foundations and recent developments. San Francisco, California. February 5, 2005	4hrs
Weill Medical College of Cornell University	9 th Annual Symposium: Controversies & Fundamentals in Regional Anesthesia at the Hospital for Special Surgery, April 9, 2005, New York, New York	8.5hrs
CME Resource, Sacramento, California Florida CE Broker Provider #50-2405-1, Board of Medicine MediCom Worldwide, Inc	# 4029 A Review of Interventional Radiology, Online program completed June 7, 2005	10hrs
	Pain and Substance Abuse: Recognizing the potential for misuse and diversion, Los Angeles, Calif. December 15, 2005	1hr
Department of Anesthesiology, Keck School of Medicine	Clinical dialogues: metabolic effects of street drugs, substance abuse program. Department of Anesthesiology Grand Rounds, Los Angeles, Calif. 9/30/05	2hrs
Department of Anesthesiology, Keck School of Medicine	Journal Club> Department of Anesthesiology, Los Angeles, Calif. 12/08/05	2 hrs
Keck School of Medicine, University of Southern California	Current issues in Pain Management and End-of-Life Care, Los Angeles, Calif. 3/11/06	3 hrs

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American Society of Regional Anesthesia and Pain Management	Meeting in Rancho Mirage, California April 6-9, 2006	22 hrs
Training Solutions American Dental Association	Cardiopulmonary Resuscitation (CPR) Re-training Program-BLS for Healthcare Providers, Los Angeles, CA, October 1, 2006	4 hrs
Training Solutions California Board of Registered Nursing	Advanced Cardiac Life Support, Los Angeles, CA. October 1, 2006	8hrs
Keck School of Medicine, University of Southern California	10 th Annual Difficult Airway Symposium/4 th Annual Current Concepts in Ultra Sound Symposium, Los Angeles, CA April 7, 2007	6.75hrs
Rush University Medical Center	Terrorism and Disaster-What clinicians need to know: Radiation Attack: Medical & Psychological Management—Internet course July 21, 2007	1.0hrs
Medscape, LLC	Imaging X-rays cause cancer: A call to action for caregivers and patients. Internet course July 21, 2007	1.0hrs
Medscape, LLC	Radiological Society of North America 92 nd Scientific Assembly and Annual Meeting on the Internet, July 21, 2007	1.25hrs
Medscape, LLC	Hailing the ACR and Others: We need a National Policy on Medical Radiation Safety—Now on the Internet, July 21, 2007	0.5hrs
Mid-Hudson Continuing Medical Education	The Essentials in Reducing Dose to Patients and Staff During Fluoroscopy. Internet course, July 21, 2007	1.0hrs
Medical Technology Management Institute	Radiographic Imaging from the Masters, Phoenix, Az., September 8, 2007	8.0hrs

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