

## **CURRICULUM VITAE**

**Michael Erdil M.D., F.A.C.O.E.M.**

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### **HOSPITAL AFFILIATIONS**

Active Medical Staff Physician, Associate Level, Department of Internal Medicine, Hartford Hospital, Hartford, CT  
Assistant Clinical Professor, Department of Internal Medicine, University of Connecticut Health Center, Farmington, CT  
Courtesy Medical Staff Physician, Department of Internal Medicine, Section of Occupational Medicine, Johnson Memorial Hospital, Stafford Springs, CT

### **EDUCATION AND TRAINING**

1969-1973	BA, Chemistry CUNY, Queens College Flushing, N.Y.
1973-1977	M.D., Medical School SUNY, Downstate Medical Center Brooklyn, N.Y.
1977-1978	Internship, Internal Medicine Kings County Medical Center Brooklyn, N.Y.
1978-1980	Residency, Internal Medicine Bay State Medical Center Springfield, Mass.
1981	Diplomate of the American Board of Internal Medicine- Certified in Internal Medicine
1994	Diplomate of the American Board of Preventive Medicine- Certified in General Preventive Medicine and Occupational Medicine

### **LICENSURE**

Connecticut 023596  
Massachusetts 45281  
Nevada 9632  
California G87507  
Texas M2614  
Tenn 43669

### **PROFESSIONAL ORGANIZATIONS**

American College of Occupational and Environmental Medicine  
ACOEM Fellowship status  
Association of Occupational and Environmental Clinics  
Connecticut Medical Association

Johnson IPO

## EMPLOYMENT

2009-

Occupational and Environmental Health Network, P.C. 2009-  
5 Mount Royal Ave., Marlborough, MA 01752  
Medical Director for Occupational Disability Solutions for occupational medicine group providing a comprehensive portfolio of occupational medicine solutions including on-site occupational medical care, wellness, physician consulting services, disability management for hospitals, corporations, government agencies, and educational institutions.

Johnson Occupational Medicine Center, Affiliate of Johnson Memorial Hospital 2001-present  
140 Hazard Ave. Suite 101, Enfield, CT 06082

860-763-7668, FAX 860-763-7676

Medical director for occupational medicine center providing patient care evaluation, treatment, prevention services for several hundred employers in the northern Connecticut area. Participate in the State of Connecticut Auxiliary Occupational Health Clinics Program through RFP award to enhance reporting, education, prevention of occupational illness and injury.

Health Direct, Affiliate of Chartis Insurance 1999-present

1690 New Britain Ave., Farmington, CT 06032

860-321-3506, fax 860-321-3538

[michael.erdil@healthdirect.com](mailto:michael.erdil@healthdirect.com)

Contracted medical director for disability management and return to work solutions company affiliated with Chartis Insurance. Activities involve physician utilization reviewer and nurse case manager education, URAC, development of internal guidelines, utilization and case management file review, quality assurance, oversight of physician reviewers, Quality Management Committee and Medical Advisory Board chairman, assistance with program development. Contracted through OEHN, PC.

2005-2009

Johnson Medical Specialists, PC., Affiliate of Johnson Memorial Hospital 2005-present  
Medical director for hospital affiliated occupational health consulting program providing occupational medicine consulting services. Medical Director services provided through JMS to Johnson Occupational Medicine Center and Health Direct.

Hartford Hospital Outpatient Physiatry 2005-2007

85 Seymour St., Suite 604, Hartford, CT 06106

860-545-5107, fax 545-5593

[merdil@harthosp.org](mailto:merdil@harthosp.org)

Patient care evaluation and treatment affiliation involving patients with work-related disorders, research through the Hartford Hospital research department. Contracted through Johnson Medical Specialists, PC.

1999-2005

Medical Director

Eastern Rehabilitation Network, Curtis Professional Building

181 Patricia Genova Dr., Newington, CT 06111

860-667-5480, fax 860-667-8416

Affiliate of Hartford Health Care Corporation, Hartford Hospital

Medical director for hospital affiliate organization with physical medicine and rehabilitation, occupational medicine, physical therapy and sports medicine. Activities involve oversight of physical medicine and rehabilitation medicine practices providing inpatient and outpatient medical

evaluation and treatment, physiatry spinal interventional care with minimally invasive spinal injections and procedures. Participation in education, research, quality improvement and outcomes, safety, corporate compliance and utilization review committees. Medical Director services provided through ERN to Johnson Occupational Medicine Center and Health Direct, an Affiliate of AIG.

1990-1999

Director of Occupational Medicine  
Occupational Medicine Services of Hartford Medical Group  
1260 Silas Deane Highway, Wethersfield, CT 06109  
Medical director for a dedicated occupational medicine practice with 5 affiliated mixed occupational medicine / urgent and primary care. Affiliate of Hartford Hospital.

1988-1990

Medical Director  
Holyoke Hospital Occupational Health Service  
10 Hospital Dr., Holyoke, Mass. 01040  
Medical director for a dedicated occupational medicine practice

1984-1988

Medical Director  
Immediate Medical Care Center Inc.  
483 W. Middle Tpk., Manchester, Ct. 06040  
Medical director for mixed occupational medicine / urgent care

1980-1984

Part owner / Staff Physician  
Emergency Physicians Inc.  
483 N. Main St, East Longmeadow, Mass.  
Physian in 5 emergency room settings and 2 mixed occupational medicine / urgent care centers

## **PROFESSIONAL ACTIVITIES**

Co-Project director for Voluntary Hospital Assn. of Southern New England / HealthDIRECT on development and implementation of physician education materials and clinical practice parameters for the treatment of low back pain and carpal tunnel syndrome, 1990-1995.

Co-Principal investigator in Clinical Quality Improvement Grant to analyze non-surgical back pain admissions (DRG 243) to Connecticut acute care hospitals and develop improvement strategies, funded by VHA and Aetna Insurance Company, 1991-1995.

Co-Principal individual for Agency for Toxic Substances and Disease Registry Cooperative Agreement Award (ATSDR No. U61/ATU190125-01) to The Connecticut Department of Health on the Development of Environmental Health Education Materials for Physicians and Health Professionals, 1991-1993.

Participant in the Connecticut Environmental Health Education Project for Health Professionals, 1991-1993. Assisted in development of educational materials, sentinel health event investigation with Connecticut Department of Health and Addiction Services, Environmental Epidemiology and Occupational Health.

Advisory Board Member and Chairman for the Connecticut Road Industry Surveillance Project, a National Institute of Occupational Safety and Health (NIOSH U60/CCV106170) funded grant to Yale University to

prevent lead toxicity in road and bridge infrastructure construction workers, 1992-1996. As part of NIOSH's 25th anniversary celebration, the CRISP program was honored as one of the five best programs to receive NIOSH funding.

Advisory Board Member for a Robert Wood Johnson Foundation Grant to the University of Massachusetts Medical Center on the Integration of Workers' Compensation with State and Federal Health Reform Initiatives, 1993-1994.

Reviewer for the Agency for Health Care Policy and Research on *Guidelines for the Treatment of Acute Low Back Problems in Adults*, 1993-1994.

Member of the ACOEM Ad hoc Committee on Low Back Pain, 1994-.

Reviewer for ACOEM Occupational Medicine Practice Parameter and Health Care Quality and Cost Management Project, 1994-1995. Development of *ACOEM Occupational Medicine Practice Guidelines*.

Reviewer for California Industrial Indemnity, Health Care Quality and Cost Management Industrial Medicine Practice Parameter Project, 1994-1995. Development of State Workers' Compensation *Practice Parameters for the Treatment of Work-related Injuries and Illnesses* (including neck and low back pain, carpal tunnel syndrome, hand and wrist tendinitis, DeQuervain's disease, epicondylitis, shoulder injuries, knee injuries, asthma, dermatitis).

Reviewer for Oregon Dept. of Consumer and Business Services, Dept. of Labor and Industries: *Treatment Guidelines for Carpal Tunnel Syndrome*, 1994-1995.

Reviewer for AOEC/NIOSH regarding responses to Requests for Proposals for the development of a short course on ergonomics, 1994. Reviewer/editor for introductory training course developed for health care professionals on ergonomics (*Ergonomics: A Basic Overview*. NJ School of Medicine and Dentistry, Occupational Health Program), 1995.

Reviewer, Joint Commission on Accreditation of Healthcare Organizations ergonomics training manual (*Ergonomics: How to Contain On-the Job Injuries in Health Care*, Dr. Guy Fragala, Uni. Mass Medical Center), 1995.

Consultant for United Health Care regarding the development of an artificial intelligence computer program (Neptune) and low back pain disease management program strategies. Low back claims data were analyzed to identify high risk claims for prolonged disability, inappropriate health care resource utilization and poor outcomes. Intervention strategies were developed for targeted claims.

Listed in Marquis Who's Who in Medicine and Healthcare, First Edition, 1996.

Member of the ACOEM Ad hoc Committee on Ergonomics, 1996.

Editorial Board Member of the Journal of Workers' Compensation, 1997.

Contributor to the Health Effects Preamble to the Proposed OSHA Ergonomics Rule. 1999. Performed literature review and summary recommendations regarding work factors and their association with musculoskeletal disorders, pathogenesis, pathophysiology.

Member of the Research Advisory Council for the Ontario Workplace Safety and Insurance Board 1999 for peer review of research applications involving workplace health, safety and workers' compensation .

Co-Investigator for UConn Health Center Application of the lumbar motion monitor to the management of chronic low back pain. Funded by Travelers, Ergo Center Inc and Biodynamics Laboratory of Ohio State University. 1999.

Contributor to the Health Effects Preamble to the OSHA Ergonomics Final Rule. 2000. Performed literature review and summary recommendations regarding causation of musculoskeletal disorders, evidence regarding ergonomic interventions.

Principal Investigator: Does early implementation of a modified constraint induced movement therapy program during inpatient acute rehabilitation, minimize development of learned non-use behaviors in patients with hemiplegia? Co-Principals Susan Fagan, P.T. and Karen Kloter, O.T. Funded by HHCC Open Grant Competition, 2003.

Subinvestigator, Trained physician examiner. Open Label Extension of Double-Blind, Placebo-Controlled, Parallel Group Study to Evaluate Safety, Tolerability, and Activity of Oral Fampridine-SR in Subjects with Chronic, Incomplete Spinal Cord Injury Protocol SCI-F301 / SCI-F300 EXT. Funded by Acorda Therapeutics. Project Director Subramani Seetharama, MD. 2003.

Subinvestigator, Trained physician examiner. A Phase II, Double-Blind, Placebo-Controlled, Multicenter Study to Assess the Efficacy and Safety of HP184 at 100, 200, 400 mg Doses Administered Orally Once Daily for Twenty-Four Weeks in Adult Subjects with Chronic Spinal Cord Injury. Funded by Aventis Pharma. Project Director Subramani Seetharama, MD. 2004.

Auxiliary Occupational Health Clinic Grant. 2001-2008. Johnson Occupational Medicine Center, Johnson Health Care, Inc. Repeat annual grant funding from State of Connecticut Dept. of Labor under Sections 31-396 to 31-403 of the State of Connecticut General Statutes to enhance occupational illness and injury recognition, data reporting, education. Survey for epidemiology of neck pain in Connecticut workers.

## **PUBLICATIONS**

Erdil M, Maurer K, Tolantino N, et al. 1991. *The Exposure History: A Key to Better Care of Your Patients*. CT DPHAS/ ATSDR. Previously submitted to AOEC Lending Library.

Erdil M, Maurer K, Tolantino N, et al. 1991. *The Environmental and Occupational Health Reference Guide*. CT DPHAS/ ATSDR. Previously submitted to AOEC Lending Library.

Erdil M, Stahl K, Maurer K: CADA. 1991. *The Computer Assisted Diagnostic Aide for Diagnosis of Environmental Illness Secondary to NPL Site Exposure in CT*. CT DPHAS/ ATSDR. Previously submitted to AOEC Lending Library.

Erdil M, Dickerson OB. 1992. *ADA Solutions*. VHA-SNE/ HealthDIRECT, Farmington CT.

Erdil M, Dickerson OB. 1992. *The Americans with Disabilities Act of 1990: A Providers Manual*.

Erdil M, Dickerson OB. 1993. *Clinical Practice Guidelines for the Treatment of Work-related Low Back Pain*. VHA-SNE/ HealthDIRECT, Farmington CT.

Erdil M, Stahl K. 1993. *Prevalence of TB Skin Test Reactivity in Pre-placement Applicants to the Connecticut Dept. of Correction from 1991-2*. J Occup Med 35(12): 1178-9.

Erdil M, Dickerson OB. 1994. *Clinical Practice Guidelines for the Treatment of Work-related Carpal Tunnel Syndrome*. VHA-SNE/HealthDIRECT, Farmington CT.

Erdil M, Dickerson OB, Chaffin DB. 1994. *Biomechanics of Manual Materials Handling and Low Back Pain*. Zenz Occupational Medicine, 3d Edition, Mosby Year Book Press, St. Louis, MO.

Erdil M, Dickerson OB, Glackin E. 1994. *Cumulative Trauma Disorders of the Upper Extremity*. Zenz Occupational Medicine, 3d Edition, Mosby Year Book Press, St. Louis, MO.

- Maag R, Erdil M, Dickerson OB. 1994. *Protocols and Good Utilization Review Secret to Low Back Pain Management*. Hospital Benchmarks: 1(1):6-9.
- Maurer K, Cullen M, Erdil M, et al. 1995. *Controlling Lead Toxicity in Bridge Workers: Connecticut, 1991-1994*. MMWR 44(4):76-79.
- Erdil M, Maag R, Dickerson OB, Maurer K. 1996. *Inappropriate Admissions to Connecticut Hospitals for Medical Back Pain (DRG 243)*. VHA-SNE, Farmington, CT.
- Maurer K, Cullen M, Erdil M, et al. 1995. *Lead Toxicity Among Bridge Workers: 1994*. MMWR 44(49):913-916.
- Erdil M, Dickerson OB (editors). 1997. *Cumulative Trauma Disorders: Prevention, Evaluation and Treatment*, Van Nostrand Reinhold, NYC, NY. Cited in Recommended Library and Electronic Resources for Occupational and Environmental Physicians, Journal of Occupational and Environmental Medicine Volume 43 • Number 3 • March 1, 2001. p. 205, and CDC/NIOSH Elements of Ergonomics Programs Toolbox for Ergonomic Texts.
- Erdil M, Dickerson OB, Glackin E. 1997. *Diagnosis and Medical Management of Work-related Low Back Pain*. In *Cumulative Trauma Disorders: Prevention, Evaluation and Treatment*, ed. Michael Erdil & O. Bruce Dickerson, New York: Van Nostrand Reinhold.
- Erdil M, Maurer K, Dickerson OB. 1997. *The Burden of Cumulative Trauma Disorders*. In *Cumulative Trauma Disorders: Prevention, Evaluation and Treatment*, ed. Michael Erdil & O. Bruce Dickerson, New York: Van Nostrand Reinhold.
- Erdil M, Maurer K, Dickerson OB. 1997. *Carpal Tunnel Syndrome: Diagnosis and Case Definitions*. In *Cumulative Trauma Disorders: Prevention, Evaluation and Treatment*, ed. Michael Erdil & O. Bruce Dickerson, New York: Van Nostrand Reinhold.
- Barrer S, Erdil M, Pagnanelli D. 1997. *Surgical Evaluation and Treatment of Work-related Low Back Pain*. In *Cumulative Trauma Disorders: Prevention, Evaluation and Treatment*, ed. Michael Erdil & O. Bruce Dickerson, New York: Van Nostrand Reinhold.
- Dickerson OB, Erdil M. 1997. *Video Display Workstations and Cumulative Trauma Disorders*. In *Cumulative Trauma Disorders: Prevention, Evaluation and Treatment*, ed. Michael Erdil & O. Bruce Dickerson, New York: Van Nostrand Reinhold.
- Pagnanelli D, Erdil M, Barrer S. 1997. *The Surgical Evaluation and Treatment of Work Related Upper Extremity Peripheral Nerve Entrapment Syndromes*. In *Cumulative Trauma Disorders: Prevention, Evaluation and Treatment*, ed. Michael Erdil & O. Bruce Dickerson, New York: Van Nostrand Reinhold.
- Perez G, Erdil M. 1997. *Regulatory Ergonomic Initiatives*. In *Cumulative Trauma Disorders: Prevention, Evaluation and Treatment*, ed. Michael Erdil & O. Bruce Dickerson, New York: Van Nostrand Reinhold.
- Erdil M, Glackin E. 1997. *Occupational Upper Extremity Cumulative Trauma Disorders: A Dramatically Growing Problem-* part 1. J Workers' Comp 6(4):35-49.
- Erdil M, Glackin E. 1997. *Occupational Upper Extremity Cumulative Trauma Disorders: A Dramatically Growing Problem-* Part 2. J Workers' Comp 7(1):31-50.
- DOL, OSHA. 1999. *Pathogenesis and Pathophysiologic Evidence for Work-Related MSDs. Health Effects Preamble to the Proposed OSHA Ergonomics Program Standard, Section D*. Federal Register 29CFR1910 Vol 64 No 225 p. 65900-65926

DOL, OSHA. 1999. *Pathogenesis and Pathophysiology of Regional WMSDs, Appendix III*. For DOL, OSHA CD *Ergonomics: Real People, Real Problems, Real Solutions*. Companion to *Health Effects Preamble to the Proposed OSHA Ergonomics Rule*.

DOL, OSHA. 2000. *Health Effects Preamble to the OSHA Ergonomics Program Standard*. Federal Register 29CFR1910 Vol 65 No 220

Erdil M. 2001. *Medical Certification Of A Commercial Motor Vehicle Driver With Valvular Heart Disease*. ACOEM CDME Review, July.

Cherniack M, Dillon C, Erdil M, et al. 2001. *Clinical and psychological correlates of lumbar motion abnormalities in low back disorders*. The Spine Journal. 1(4):290-298.

Erdil M. 2003. *Indicators for MSD Testing, Referrals*. Occupational Medicine Clinical Care Update. National Association of Occupational Health Professionals. Vol 10, No 10. Nov 10.

Erdil M. 2004. *Pros and Cons of Spinal Injections*. Occupational Medicine Clinical Care Update. National Association of Occupational Health Professionals. Vol 10, No 14. Jan 26.

Aronoff G, Erdil M, Hartenbaum N. 2005. *Medications, Driving and Work*. For A Physician's Guide to Work: How and Why. American Medical Association, ed. J Talmage and Mark Melhorn.

Erdil M. 2005. *Lumbar Spine Artificial Disc Replacement: Panacea or Pandora's Box?*. Occupational Medicine Clinical Care Update. National Association of Occupational Health Professionals. Vol 11, No. 18. March 14 2005

Erdil M. 2006. *Evidence Based Guides Seen as Valued Resource*. Occupational Rehabilitation. National Association of Occupational Health Professionals. Vol 4, No 2. September 2006.

Erdil M. 2007. *Is It Healthier To Work Than Be Off Work?* DSI Work Solutions Newsletter. March 2007

Erdil M. 2007. *Lumbar MRI:Worth a Thousand Words?*. Occupational Medicine Clinical Care Update.. National Association of Occupational Health Professionals. Vol 14, No 9. October 2007.

Erdil M. 2008. *Low Back Pain Rehabilitation. Evidence Base and Clinical Practice. Part I and II*. Occupational Medicine Clinical Care Update. National Association of Occupational Health Professionals. Vol 14, No 17/18. February/March 2008.

Erdil M. 2009. *Neck Pain Rehabilitation. Evidence Base and Clinical Practice. Part I and II*. Occupational Medicine Clinical Care Update. National Association of Occupational Health Professionals. Vol 16, No 1/2. May/June 2009.

## **PUBLICATIONS WITH EDITORIAL OR REVIEW CONTRIBUTIONS**

Bigos SJ, Bowyer O, Braen G, et al. 1994. *Acute Low Back Problems in Adults. Clinical Practice Guideline No 14*. AHCPH Publication No 95-0642. Rockville MD: Agency for Health Care Policy and Research, Public Health Service, U.S. Department of Health and Human Services.

Fragala G. 1995. *Ergonomics: How to Contain On-the Job Injuries in Health Care*. Oakbrook Terrace, IL: JCAHO.

NJ School of Medicine and Dentistry, Occupational Health Program, NIOSH, AOEC. 1995. *Ergonomics: A Basic Overview*.

State of California Department of Industrial Indemnity, Industrial Health Council. 1995. *Practice Parameters for the Treatment of Work-related Injuries and Illnesses*. San Francisco, CA.

Harris JS. 1997. *ACOEM Occupational Medicine Practice Guidelines*. Arlington Heights, IL: ACOEM. Boston, OEM Press.

Herbert R, London M, Nagin D, et al. 2000. *The Diagnosis and Treatment of Occupational Diseases: Integrating Clinical Practice With Prevention*. American Journal of Industrial Medicine: 37

Reed P, et al. 2001, 2006, 2009. *Medical Disability Adviser, 4-6<sup>th</sup> edition*.

Official Disability Guidelines. 2005-2009. *Treatment in Workers Compensation*, 3d-7th edition. Work Loss Data Institute. (Evidence based guideline recommendations)

Occasional Peer Reviewer for articles submitted to Journal of Occupational and Environmental Medicine.

## **LECTURES**

SEAK National Worker's Compensation and Occupational Medicine Seminar. Diagnosis and Treatment of Industrial Low Back Pain. Hyannis, MA. July, 21, 1994.

Middlesex Memorial Hospital. Medical Grand Rounds: Treatment of Low Back Pain. Middletown, CT. August 18, 1994.

Hartford Hospital. Medical Grand Rounds: CHIME Data Analysis: Inappropriate Hospitalizations for Medical Back Pain and Lessons in the Treatment of Low Back Pain. Hartford, CT. September 22, 1994.

Charlotte Hungerford Hospital. Medical Grand Rounds: CHIME Data Analysis: Inappropriate Hospitalizations for Medical Back Pain and Lessons in the Treatment of Low Back Pain. Torrington, CT. December 13, 1994.

Connecticut Business and Industry Association. How to Manage Workers' Compensation: The Role of the Health Care Provider. Waterbury, CT. Jan 24, 1995.

VHA-Georgia. Development and Institution of Occupational Medicine Clinical Practice Guidelines in a Workers' Compensation Managed Care Network. Pine Mountain, GA. Jan. 30, 1995.

VHA-PA. Quality Medical Advisory Committee. Diagnosis and Treatment of Low Back Pain. Pittsburg, PA. Feb. 9, 1995.

Stamford Hospital. Medical Grand Rounds: Occupational Medicine: An Overview and Case Histories. Stamford CT. Feb 27, 1995.

VHA-Mid Atlantic: Strategies to Prevent Inappropriate Hospitalizations for Medical Back Pain. and Diagnosis and Treatment of Low Back Pain. Alexandria, VA. Mar. 17, 1995.

National Voluntary Hospital Association Leadership Conference and Performance Improvement Network: CHIME Data Analysis: Inappropriate Hospitalizations for Medical Back Pain in Connecticut, and Improving the Quality of Low Back Pain Treatment. New Orleans, LA. April 12-13, 1995.

VHA-Upstate New York: Development and Implementation of Clinical Practice Guidelines. April 25, 1995.

HealthDIRECT: Diagnosis and Treatment of Work-Related Carpal Tunnel Syndrome. Trumbull Marriott, Trumbull CT. April 26, 1995.

American Occupational Health Conference / American College of Occupational and Environmental Medicine Annual National Conference. Postgraduate Seminar Director. Work Related Low Back Pain: Diagnostic and Treatment Issues. Las Vegas, Nevada. Monday May 1, 1995.

HealthDIRECT: Diagnosis and Treatment of Work-Related Carpal Tunnel Syndrome. Farmington, CT. May 10, 1995.

HealthDIRECT: Diagnosis and Treatment of Work-Related Carpal Tunnel Syndrome. Old Saybrook Inn, CT. May 17, 1995; and Farmington, CT. May 24, 1995.

VHA-Pacific (California). Development and Implementation of Clinical Practice Guidelines for Low Back Pain. Aug. 15, 1995.

Stamford Hospital. Medical Grand Rounds: Low Back Pain. Stamford CT. Sept. 6, 1995.

Bradley Memorial Hospital. Occupational Health Care Provider Conference: The Americans With Disabilities Act and You: The Medical Practitioner's Role Under the Law. Southington, CT. Jan. 23, 1996

Third Annual Connecticut Business and Industry Association Workers' Compensation Conference: Return to Work Programs. Jan. 25, 1995

Susquehanna Health System. Visiting Professor Series: Treatment of Low Back Pain. Resident Conference: Examination of the Patient with Low Back Pain. Williamsport PA. Feb. 2-3, 1996.

United Health Care. Diagnosis and Treatment of Low Back Pain. Minneapolis, MN. Feb. 16, 1996.

Bradley Memorial Hospital. Medical Grand Rounds: Conservative Management of Low Back Pain. Southington, CT. Feb. 20, 1996

Mathog & Moniello and the Connecticut Occupational Health Centers. Cumulative Trauma Disorders. Yankee Silversmith, Wallingford, CT. May 23, 1996

Connecticut Hospital Association. Turning Diagnosis into Prevention: A Conference for Occupational Medicine Providers. The Occupational Disease Surveillance Program. Workers' Compensation Treatment Guidelines. Wallingford, CT. June 26, 1996

SEAK National Worker's Compensation and Occupational Medicine Seminar: Cumulative Trauma Disorders of the Upper Extremity. Hyannis, MA. July 15-17, 1996.

HCAOHN Annual Meeting. Medical Protocols for Workers' Compensation. The Stanley Center, New Britain, CT. Nov. 15, 1996

Johnson Memorial Hospital Occupational Health and Safety Meeting: An Overview of Ergonomics. Stafford Springs, CT Feb. 25, 1997

CORVEL Insurance Co. Treatment of Occupational Musculoskeletal Disorders: Current Concepts. E. Hartford, CT Mar. 18, 1997

Bordell Corp. Evaluation and Treatment of Occupational Musculoskeletal Disorders: Current Concepts. Woodbridge CT. April 10, 1997.

Workers' Compensation: Managing your costs. Low Back Pain. and Occupational Upper Extremity Cumulative Trauma Disorders. Ramada Inn, Rocky Hill. Sept. 19, 1997.

Hartford Hospital. Medical Grand Rounds: Occupational Medicine: What the practitioner needs to know about the workplace. Hartford CT. October 9, 1997.

Hartford Medical Group: Managing work related injuries of the low back and upper extremities. Hartford CT. Nov. 18, 1997.

Physician program consultant for Medical Case Management. Integrating Quality and Costs. Educating Physicians and Employer Groups on Appropriate Back Care. Fairmont Hotel, San Francisco Nov. 20-22, 1997.

Eastern Occupational Health Network. Work Related Low Back Pain: Diagnosis And Management. Albany, NY. March 25, 1998.

American Occupational Health Conference / American College of Occupational and Environmental Medicine Annual National Conference. Postgraduate Seminar on Ergonomics and Biomechanics. Update on Primary and Secondary Low Back Disease. Boston MA. April 28, 1998.

Hartford Hospital. Grand Rounds in Emergency Medicine: Low Back Pain and the Role of the Emergency Physician. May 21, 1998.

Reliance Insurance Group. Management of Low Back Pain. Rocky Hill, CT. June 25, 1998.

State of Connecticut Second Injury Fund. Chronic Low Back Pain: There Must Be a Better Way. Hartford, CT. August 21, 1998.

Concentra Managed Care. Current Concepts in the Treatment of Patients with Work Related Neck Pain. Rocky Hill, CT. Sept. 10, 1998.

Johnson Memorial Hospital. Issues in Health and Benefits Facing Business Today. Perspectives on Managed Care of Work Injuries. Enfield, CT. November 10, 1998.

State of Connecticut Surveillance Working Group, Depts. of Health and Labor. Update on Low Back Disorders. Hartford, CT. Dec. 9, 1998.

University of Massachusetts Medical Center. Low Back Pain: Epidemiology and Future Research Needs. Worcester, MA. Dec. 10, 1998.

Work Related Musculoskeletal Disorders Of The Upper Extremity. Hauppauge, NY. Dec. 18, 1998.

Speaker and Planning Committee Member. Contemporary Forums: Case Management Along the Continuum. Outcomes Measures for Low Back and Upper Extremity Disorders. Physicians as Case Managers. San Antonio, TX. March 14-17, 1999.

Speaker and Planning Committee Member. Contemporary Forums: Payor Based Case Management. Return to Work: Successful Programs. San Antonio, TX. March 19, 1999.

Hartford Medical Group and Shippman and Goodwin. Navigating the Maze of ADA. Mental and Psychological Issues and the ADA.. Farmington, CT. May 12, 1999.

Seminar Director and Speaker. SEAK Inc. How To Be A Successful Independent Medical Examiner. Gray Conference Center, University of Hartford. October 17, 1999.

HDI 1999 educational series:

Carpal Tunnel Syndrome: Current Concepts Regarding Work relatedness and Treatment Issues. Farmington CT. Nov. 22, 1999

Work related Low Back Pain. St. Louis, MO. Dec. 9, 1999.

Springfield Hospital. Ergonomics 2000: What the employer needs to know. Springfield Vt. October 22, 1999

HDI 2000 educational series:

Epicondylitis and the Workplace: Causation Issues, Evaluation and Treatment. Farmington CT. Jan 20, 2000.

Rotator Cuff Syndromes: Diagnosis, Treatment and Work-relatedness. Feb. 17, 2000.

Surgical Update for the Lumbar Spine. St. Louis, MO. April 26, 2000

Work related Low Back Disorders: An Update. Farmington CT. May 22, 2000.

CVPH Medical Center and On the Job Network. Work related Upper Extremity Disorders. Plattsburgh, NY. Mar. 3, 2000.

SEAK National Worker's Compensation and Occupational Medicine Seminar: Ergonomics in the Workplace: Evidence from Intervention Trials: What Does and Does Not Work, and Determining the Work-Relatedness of Carpal Tunnel Syndrome and Other Upper Extremity Musculoskeletal Disorders. Hyannis, MA. July 2000.

Nova Industrial Hygiene and Safety Meeting. Overview of OSHA's Ergonomics Standard. Jan 30, 2001. Houston Texas.

CHA Workers' Compensation Trust. Work related Musculoskeletal Disorders. OSHA's Ergonomics Standard. Wallingford, CT. Jan 25, 2001

Seventh Annual Louis Millender Lecture, New England Baptist Hospital. Causation of Upper Extremity Musculoskeletal Disorders. Danvers, MA. Mar 22, 2001

Connecticut Consortium of Independent Colleges. Evaluation and Treatment of Work related Musculoskeletal Disorders. Quinnipiac College, CT. April 3, 2001.

CTOHN. DOT Changes in Substance Abuse Testing and Medical Certification of Commercial Drivers. Wethersfield, CT. June 7, 2001.

HDI 2001 educational series:

Work related Low Back Disorders and Chiropractic Care: Summary of the Literature. Aug. 15, 2001

Indications for Diagnostic and Therapeutic Injection for Work related Low Back Disorders. Sept. 26, 2001

Reflex Sympathetic Dystrophy. Oct. 31, 2001

Ulnar Nerve Disorders Nov 2001

Western Connecticut Association of Occupational Health Nurses Meeting. Management of Work-related Upper Extremity Musculoskeletal Disorders. Waterbury CT. Oct. 9, 2001-10-05

Occupational Health and Rehabilitation Meeting. Achieving consistency in clinical outcomes: Coding, documentation, diagnoses, and practice patterns. Nashua, NH. October 27, 2001.

University of Connecticut Health Center Occupational Medicine Series. Low Back Pain: Epidemiology and Implications for Occupational Medicine Practice. Farmington, CT. November 14, 2001

HDI 2002 educational series:

Causation of Musculoskeletal Disorders. January 2002

Evaluation and Treatment of Work-related Neck Pain. February 2002

Use of Case Management Tools. March 2002

Use of Imaging Studies to Evaluate Work-related Musculoskeletal Disorders, Part 1 and 2. April and May 2002

Surgical Evaluation and Treatment of Lumbar Spine Conditions. June 2002

Complex regional Pain Syndrome Protocol for Case Management. October 2002.

CTOHN. Terrorism and Disaster Preparedness - Basic Knowledge for Managers and Providers. Midstate Medical Center, Meriden CT. May 15, 2002

CTOHN. OSHA Recordkeeping Standard. Torrington, CT. May 22, 2002

University of Connecticut Health Center Occupational Medicine Series. Causation of Upper Extremity Musculoskeletal Disorders. Farmington, CT. June 12, 2002.

Hartford Hospital Dept of Medicine. Injections for Low Back Pain (with Dr. Kathy Abbott). Hartford, CT. November 21, 2002.

University of Massachusetts Public Health Training Program. Epidemiology of Work-related Musculoskeletal Conditions. Amherst, MA. November 19, 2002.

HDI 2003 educational series:

Physical Therapy for Work Injuries. January 2003

Spinal Manipulation and Chiropractic Care for Work Injuries. Feb 2003

Return to Work and Work Hardening. March 2003

Casuation Analysis, Musculoskeletal Disorders of the Extremities. May 2003

Causation Analysis, Spinal Disorders. June 2003

Lumbar Spine Surgery. Nov 2003

Ninth Annual Louis Millender Lecture, New England Baptist Hospital. Utilization Review: Decision-making and Literature Review of Selected Topics. Newton, MA. March 20, 2003

Hartford Hospital Dept of Neurology. Occupational Medicine Considerations for the Neurologist. Hartford, CT. March 28, 2003.

Eastern Rehabilitation Network / Orthopedic Associates of Hartford / Hartford Hospital. Orthopedics for the Non-Orthopedist. Moderator. Glastonbury, CT. May 6, 2003.

Eastern Rehabilitation Network / Hartford Hospital. Ergonomics. Windsor, Ct. May 10, 2003.

SEAK National Worker's Compensation and Occupational Medicine Seminar: Innovative Treatment for Low Back Pain: What Works, and Management of Work Related Neck Pain - Pitfalls and Pearls: How to Avoid Bad Outcomes. Hyannis, MA July 24, 2003

Ryan 17<sup>th</sup> Annual National Conference: Improving Performance in Evaluation and Treatment of Work-Related Musculoskeletal Disorders. Washington, DC, October 14, 2003.

Hartford Hospital Dept of Rehabilitation. Constraint Induced Movement Rehabilitation of Stroke Patients. Hartford, CT. Nov. 19, 2003.

Hartford Hospital Dept of Neurology. Constraint Induced Movement Rehabilitation of Stroke Patients. Hartford, CT. Dec. 19, 2003.

HDI 2004 educational series:

Evidence Based Treatment Guides, part I. February 2004

Evidence Based Treatment Guides, part II. March 2004

Physical Examination for Work-related Upper Extremity Musculoskeletal Disorders. . June 2004.

Physical Examination for Work-related Spinal Musculoskeletal Disorders. . October 2004.

Johnson Memorial Hospital. Managing Work-related Musculoskeletal Disorders. For Conference on Controlling Workers' Compensation Costs. April 1, 2004. Enfield, CT

University of Connecticut Health Center Occupational Medicine Series. Evidence Based Treatment of Work-related Cervical Spine Disorders. Farmington, CT. April 14, 2004

American Occupational Health Conference / American College of Occupational and Environmental Medicine Annual National Conference. Current Concepts and Controversies in Utilization Review Determinations. Kansas City, MO. May 5, 2004.

HDI 2005 educational series:

Total Disc Replacement. February 2005

Ulnar Nerve Disorders. March 2005.

Rotator Cuff Disorders. April 2005.

Causation Analysis. September 2005.

Carpal Tunnel Syndrome. October 2005.

New England College of Occupational and Environmental Medicine (NECOEM) Winter Meeting. Artificial discs: Panacea or Pandora's Box? Inn at Sunapee, NH. February 6, 2005.

Hartford Hospital Focus on Health. How to Treat Back Pain: From Surgery To Rehabilitation And Non-Surgical Interventions. Hartford, CT. March 10, 2005

Johnson Memorial Hospital Dept of Rehabilitation. Lumbar Discogenic Disease and Minimally Invasive Spinal Interventions. May 10, 2005. Enfield, CT

SEAK National Worker's Compensation and Occupational Medicine Seminar: Utilization Review Decisions: Use of Evidence Based Treatment Guidelines & Beyond. Hyannis, MA July 20, 2005

University of Connecticut Health Center Occupational Medicine Series. Artificial Lumbar Discs: Implications for Occupational Health Providers. October 26, 2005. Farmington, CT.

HDI 2006 educational series:

Meniscal Injuries. Feb 2006

Cervical Spine Surgery. Sept 2006

Physical therapy Oct 2006

Ryan Associates. Causation Analysis for Aging Workers with Presenting With Musculoskeletal Disorders. April 26, 2006.

Ryan Associates and the Rehabilitation Division of the National Association of Occupational Health Professionals. Using Clinical Outcomes to Add Value and Revenue to Your Occupational Rehab Program. Boston, MA. August 18, 2006

University of Connecticut Health Center Occupational Medicine Series. Low Back Pain Epidemiology and Treatment. Farmington, CT. November 8, 2006

New England College of Occupational and Environmental Medicine Annual Meeting. Back Pain Interventions - Bridging The Gap Between Best Evidence and Clinical Practice. Bedford, MA. December 1, 2006.

HDI 2007 educational series:

Complex regional pain syndrome February 2007

Opioids for work related musculoskeletal disorders. March 2007

Thoracolumbar spine fractures. April 2007.

Foot and ankle disorders. May 2007

Planning Committee and Speaker. National Federal Occupational Health Conference. Evaluation and Treatment of Low Back and Lower Extremity Work related Disorders. Myrtle Beach, SC. June 5-7, 2007.

SEAK National Worker's Compensation and Occupational Medicine Seminar. Appropriate Use of Rehabilitation with Physical and Occupational Therapy for Musculoskeletal Disorders. Hyannis, MA July 17-19, 2007

Johnson Memorial Hospital Dept of Rehabilitation. Low Back Update: Waddell's Signs, Evidence Regarding the Role of Injections and Rehabilitation. Sept 20, 2007. Enfield, CT

New England College of Occupational and Environmental Medicine Annual Meeting. Physical Treatments for Low Back Pain: Where's the Evidence? Bedford, MA. November 30, 2007.

HDI 2008 educational series  
Rotator cuff surgery April 2008  
Functional capacity testing May 2008  
Hyperbaric oxygen therapy June 2008

Planning Committee and Speaker. National Federal Occupational Health Conference. Care & Treatment of Lower Back Injuries. Management of Upper Extremity Injuries. Tampa, FL. June 17-19, 2008.

New England College of Occupational and Environmental Medicine Annual Meeting. Rehabilitation of Neck Pain in the Workplace: Evidence and Practice. Bedford, MA. December 5, 2008.

HDI 2009 educational series  
Spinal imaging February 2009  
Spinal injections March 2009  
Physical therapy April 2009  
Opioids for musculoskeletal disorders October 2009

Millender Conference. New England Baptist Hospital. Interventional Treatment of Back Pain: Literature Evidence and Case Management Observations. Waltham, MA. April 9, 2009.

Planning Committee and Speaker. National Federal Occupational Health Conference. Evidence Based Diagnosis and Treatment of Low Back Pain and Considerations in the Evaluation and Management of Upper Extremity Musculoskeletal Disorders. Denver, CO August 4-5, 2009.

New England College of Occupational and Environmental Medicine Annual Meeting. Spinal Fusion in Worker's Compensation: Can We Help Patients to Make Better Decisions? Bedford, MA. December 5, 2009.