

Detailed Curriculum Vitae

(Updated 6/1/2011)

GARY N. LEWKOVICH, DC, QME, CO, DAAPM

940 W. SAN MARCOS BLVD., SUITE B

SAN MARCOS, CALIFORNIA 92078-1120

PHONE: (760) 744-1881; FAX: (760) 744-2103

LEWKOVICH@COX.NET

GLEWKOVICH@AOL.COM

LICENSE

Obtained license to practice in California on 1/1/83.

PROFESSIONAL EMPLOYMENT

Since 4/1/83, I have practiced at the same office location as specified above.

EDUCATION

California State University, Fullerton, 1969-1973

Bachelor of Arts degree, with a major in psychology. Graduated with high honors. As a senior, conducted research and wrote an article that was presented at the American Psychological Association annual convention in San Francisco, CA, 1973.

University of California, Irvine, 1978

Graduate of the UCI Middle Management Program. While employed as an administrative assistant to the City Manager under the CETA program, completed a certificated course in public service management.

Pasadena College of Chiropractic, 1979-1982

10-trimester chiropractic education program, including a one-year internship. Headed the clinic's Athletic Injury Program and organized the gravity traction therapy program for the treatment of disc degeneration and disc herniations. Graduated Summa Cum Laude.

Life Chiropractic College, 1987

Certificated course in Spinal Trauma. A multidiscipline course focused on the diagnosis and treatment of injuries to the human spine resulting from motor vehicle collisions. A 5-month course.

Los Angeles College of Chiropractic (now the Southern California University of Health Sciences), 1987-1989

A 27-month, post-graduate Chiropractic Orthopedics program, with 9 individual modules leading to a Chiropractic Orthopedist certification. Specialized training taught by a group of some of the most respected chiropractic specialists in the United States. In California, this certification allows one to cast simple fractures and to have been listed as a chiropractic orthopedist in the State of California's Workers' Compensation system for Qualified Medical Evaluator purposes. Certification # 318.

CONTINUING EDUCATION

Chiropractic State Board Requirements, Per Year

12 continuing education units, including 4 hours of technique.

Qualified Medical Evaluator Requirements, Per 2 years

12 hours of continuing education required for maintenance of the Qualified Medical Evaluator certification.

Additional Continuing Education

Various number of hours for x-ray re-certification, CPR re-certification, and other seminars.

INVENTIONS

Abdominal Exercise Device, US Patent #5,050,875, 1991

Designed, tested, researched and developed an abdominal exercise device. Personally wrote the patent for this invention. Rights were sold in 1997.

CERTIFICATIONS

Radiology Supervisor and Operator, 1982

Basic certification course in the safe and proper methods of taking and developing radiographs. Required of any chiropractor having an active x-ray machine in his/her office in the RaState of California.

Disability Evaluation, 1988

A certification course presented by the California Chiropractic Association covering the basics of workers' compensation law and the evaluation of permanent functional loss of the spine and extremities. Covered topics include: documentation, history taking, consultation, orthopedic examination, neurologic examination, disability terminology, disability rating, apportionment, vocational rehabilitation, loss of work capacity, future medical, review of records, and report writing.

American Academy of Pain Management, Board Certified, 1992

A diplomate (certification # 4323) of a nationwide group of multi-discipline health practitioners devoted to the evaluation and treatment of pain syndromes. Re-certified 2008.

Industrial Disability Examiner, 1994

A certification course presented by the California Chiropractic Association covering temporary and permanent disability evaluation. Consultation, examination, apportionment, functional loss evaluation, and med-legal report writing were among the covered topics.

Qualified Medical Evaluator, 1994

State certified position (QME# 005868) for medical doctors, osteopaths, chiropractors, psychiatrists, and acupuncturists who complete the required course work and pass a written examination. QMEs are typically utilized by the State of California to evaluate issues of appropriateness of care, injury causation, disability, apportionment, work restrictions, permanent loss of work capacity and future medical care needs.

Collision Reconstructionist for the Medical Practitioner, 1999

A certified, 40-hour extension course taught through Texas A&M University Engineering Extension Service covering the physics, mechanics, research, and human physiology of motor vehicle collisions. Emphasis was on low speed automobile collisions. Graduates of this certification course had to demonstrate proficiency in constructing and deconstructing all aspects of a motor vehicle collision report and a biomechanical report.

Auto Crash Reconstructionist, 1999

A certified course hosted by Dr. Arthur Croft, a world-renowned lecturer, author, and researcher on trauma resulting from motor vehicle trauma. Actual collisions were staged and analyzed and the relevant research was reviewed. Some of the top auto collision experts in the world made presentations. The various denial methods of the auto insurance industry were discussed and the fallacies of their reasoning was explained.

POSITIONS

Rehabilitation Assistant to Robert Martin, MD, Pasadena, CA, 1981

Assisted patients in exercise rehabilitation and the use of inversion traction therapy for spinal complaints. Dr. Martin was an orthopedic surgeon who invented the inversion traction therapy for treating disc problems and other spinal complaints with decompression. His clinic in Pasadena, California served patients that came from throughout the world.

Director of Athletic Injuries Pasadena College of Chiropractic, 1982

Headed the rehabilitation unit for athletic injuries for Olympic and local athletes in the local Los Angeles region. Utilized high-end rehabilitation machines to treat soft tissue traumas.

Chiropractic Doctor for Members of Women's Olympic Gymnastic Team, SCATS, Long Beach, CA 1983-84.

Evaluated and treated musculoskeletal injuries for some of the top US women gymnasts in preparation for the 1984 Los Angeles Olympics. Worked via the permission of Mary Wright, choreographer and coach for the women's team.

Chairperson of the Personal Injury Review Group, 1989-2000

Headed a statewide organization of chiropractic orthopedists focused on personal injury issues. This group met several times per year in a "roundtable" fashion to review the latest research and discuss diagnostic and treatment approaches to auto accident patients. This group invited specialists, such as orthopedic surgeons, neurologists, radiologists, and attorneys to present their perspectives.

Editorial Board for *Chiropractic Patient Resource Manual* for Aspen Publishers, Gaithersburg Maryland, 1992.

Was a contributing author and a reviewer for sections of a resource manual of office forms and handouts for doctors, staff, and patients. This material was used by chiropractic colleges throughout the world.

Case Reviewer for the San Diego District Attorney's Office, 1996

Reviewed the facts of the case and rendered opinions regarding actions of treating chiropractors.

Co-Researcher for Los Angeles College of Chiropractic/Royal Melbourne Institute of Technology Master's Program on Risk Management for Disc Herniations, 1998, 2000

Reviewed the available medical/chiropractic literature regarding cervical/lumbar disc herniations and summarized the same. In conjunction with Michael Sackett, DC, DABCO, I created literature commentary and questions for the master's program at the above referenced institutions.

Editor of *Personal Injury Review*, 1998-2011

A monthly publication dedicated to the distribution of research and current opinions in the personal injury arena. This publication is designed primarily for educating the legal profession about motor vehicle trauma. As editor, I select topics, obtain the relevant research and write peer reviewed articles. Over 150 articles have been published thus far.

Chairperson of the California Chiropractic Association's Personal Injury Committee, 1999-2011

Head a committee of CCA doctors in reviewing personal injury matters. Write and review articles on personal injury for the *CCA Journal*. Assist doctors of chiropractic in resolving PI issues with insurance companies, attorneys, and patients. Develop and/or provide training to doctors to help them maintain more effective records and treatment protocols for patients involved in motor vehicle collisions.

Examiner for the National Board of Chiropractic Examiners, Los Angeles, CA 2000 & 2002

Test examiner for chiropractic technique and orthopedic testing for graduates attempting to pass the practical portion of the National Boards. This examination requires the examiners to conduct face-to-face observation and analysis of all applicants over 2 12-hour days. Based upon the applicant's performance, the examiner makes the decision as to whether or not the applicant passed that section of the National Board Exam.

California Chiropractic Association Journal Advisory Board, 2002-2005

Reviewed and provided feedback on the direction and content of the *CCA Journal*. Conducted peer review of certain types of articles considered for publication in the journal.

Co-Researcher for Southern California University of Health Sciences (formerly LACC)/Royal Melbourne Institute of Technology Master's Program on Risk Management for Cerebral Artery Dissections, 2003, 2005

Reviewed the available medical/chiropractic literature regarding the associations of strokes and spinal manipulation and summarized the same. In conjunction with Michael Sackett, DC, DABCO, I created literature commentary and questions for the master's program at the above referenced institutions.

California Chiropractic Association, Sub-Committee on Guidelines Development, Workers' Compensation, 2005

Provided recommendations and articles on the development of chiropractic practice parameters in California's Workers' Compensation arena. Lead author of an article on an analysis of ACEOM Guidelines, with recommendations for modifications.

Consultant to the Southern California University of Health Sciences' Committee on Workers' Compensation Guidelines for Chronic Care in Chiropractic, 2004-2005

Provided input on the development of consensus guidelines concerning the frequency and duration of chiropractic care in post-90 days phase of care.

REVIEW BOARDS

Chiropractic Review and Advisory Committee for Landmark Healthcare, 1993-1997

As an independent consultant, researched and developed diagnostic/treatment guidelines for use by the thousands of chiropractors in this nationwide healthcare program. Reviewed records of these same chiropractors and performed periodic quality assurance reviews. Dealt with a variety of doctor/patient grievances. Wrote healthcare articles for the company's educational publication. In the 4+ years on this committee, I personally reviewed thousands of chiropractic progress notes, histories and exams.

Advisor for LACC's post-graduate Quality Chart Management course, 1998

Reviewed, provided feedback, and allowed use of my office forms for the manual and coursework written by Michael Sackett, DC, DABCO. Subject matter focused on improving all phases of record keeping by doctors of chiropractic.

LECTURES AND SEMINARS TAUGHT

Athletic Injuries, 1990-2004

Taught a continuing lecture series at Palomar College on the biomechanics of sudden onset and cumulative trauma. Also covered were the examination and treatment procedures for some of the most common injuries to athletes, with a comparison of medical and more conservative measures.

Three Minutes a Day to Outstanding Posture, 1995

Was a keynote speaker at the IDEA (International Dance and Exercise Association) international convention, presented at the San Diego Convention Center. Gave a 6-hour interactive lecture on the common postural faults and their correction.

Qualified Medical Examination Preparation, 1998-2000

Taught a preparatory seminar at Los Angeles College of Chiropractic (now the Southern California University of Health Sciences) on the more complex issues surrounding California's Workers' Compensation regulations regarding the consultation, examination, and report preparation for the Qualified Medical Examination process. Given to medical doctors, osteopaths, psychologists and chiropractic physicians.

Record Keeping in Personal Injury Cases, 1998-2001

Lectured on the records useful in fully documenting personal injury cases at Los Angeles College of Chiropractic (now the Southern California University of Health Sciences). What the insurance companies need to avoid delays in payment. What attorney needs to more efficiently present the plaintiff's case. What the doctor needs to maintain the most professional standards.

"Mercy Document: Use and Abuse", 2000

Seminar on the major aspects of the "Guidelines for Chiropractic Quality Assurance and Practice Parameters" (the "Mercy Document"). This one-day seminar was presented at the California Chiropractic Association's Summer Convention Seminar, San Diego, California. The honest and effective use of this work was contrasted with the rampant misuse of this document by insurers, chiropractic experts, and attorneys.

Personal Injury Seminar, 2001

As Chairperson of the California Chiropractic Association's Personal Injury Committee, I presented a seminar on the essentials of documentations in PI cases and how to handle the most common problems that arise in auto accident cases. This one-day seminar was presented at the California Chiropractic Association's Winter Convention Seminar, Reno, Nevada.

Risk Management for Cervical Disc Injuries and Cervical Artery Dissections, 2003

Annual re-licensing seminar performed through Los Angeles College of Chiropractic (now the Southern California University of Health Sciences). Explored relevant malpractice issues in the chiropractic management of cervical disc lesions and carotid/vertebral artery dissections. Interactive lecture to the reviewers and administrative staff of the nation's largest chiropractic managed care group, American Specialty Health Plans, National Headquarters, San Diego California. Presented a follow-up seminar on the same topic in 2006.

ARTICLES

Articles for the *Personal Injury Review* include: over 140 articles as of 3/1/10

- ◆ Identifying risk factors in auto trauma
- ◆ Rational estimates of future medical care
- ◆ Fact sheet for chiropractic treatment parameters
- ◆ Strategies for dealing with unscrupulous defense experts
- ◆ Documenting the need for ongoing care
- ◆ Checklist for care that extends beyond 90 days
- ◆ Re-evaluation documentation
- ◆ Using the State Board of Chiropractic Examiners to make experts play fair
- ◆ The value of various outcome assessments
- ◆ Past reports and depositions on testifying experts
- ◆ Understanding the pain intensity scale
- ◆ Status reports
- ◆ Dealing with apportionment issues in PI cases
- ◆ Realistic red flags in whiplash cases
- ◆ Exposing faulty trauma comparisons in CAD cases
- ◆ Ongoing symptom documentation
- ◆ What to look for in independent medical exams
- ◆ Fact sheets to aid in deposition and courtroom testimony
- ◆ Refuting medical "junk" science
- ◆ The real meaning of a "full range of cervical motion"
- ◆ Making the patient more self-reliant and less dependent on chiropractic care

- ◆ Dealing with “down-coding” by insurance company reviewers
- ◆ Definitions of the phases of chiropractic care
- ◆ Documenting long-term progress in PI cases
- ◆ Questions to deal with in PI cases
- ◆ Nationally recognized whiplash guidelines
- ◆ Research articles on low impact collisions
- ◆ Reasonable guidelines for chiropractic referral
- ◆ Managed care and personal injury cases
- ◆ Multiple injury apportionment
- ◆ Documenting the appropriateness of treatment
- ◆ Understanding soft tissue injuries
- ◆ Auto accident intake form
- ◆ How patients hurt their PI case
- ◆ Useful analogies for low impact cases
- ◆ What spinal manipulation accomplishes
- ◆ Ineffective care in PI cases
- ◆ Research on the long-term outcome of whiplash cases
- ◆ Analysis of Colossus in PI cases
- ◆ Bogus treatment guidelines
- ◆ Differentiating organic pain from psychogenic pain
- ◆ Determining the extent of injuries in PI cases
- ◆ Early warning signs of more serious injury in PI cases
- ◆ The rationale for therapeutic exercise and posture correction in whiplash cases
- ◆ Getting justice against disreputable attorneys
- ◆ Understanding the chiropractic consultation
- ◆ Dealing with Colossus-based review systems

- ◆ Risks of steroidal and non-steroidal anti-inflammatories
- ◆ Analyzing various forms of physical disability
- ◆ Understanding the nature of chronic pain in whiplash cases
- ◆ Understanding soft tissue injuries
- ◆ Research on the utilization of chiropractic care in PI cases
- ◆ Use and abuse of the ACOEM Guidelines
- ◆ Understanding Waddell's signs in the detection of malingering
- ◆ Analysis of subluxations
- ◆ Current research on whiplash injuries
- ◆ Stages of soft tissue healing
- ◆ AMA Impairment Guidelines in PI cases
- ◆ Postural correction in the rehab of spinal injuries
- ◆ Understanding videofluoroscopy
- ◆ Common errors in final reports
- ◆ Prolotherapy for joint stabilization
- ◆ Decision making paradigm for flare-ups. vs. new injuries
- ◆ Posture/ergonomic guidelines for minimizing flare-up of symptoms
- ◆ Understanding proliferative fibrositic disorder
- ◆ Why are females more at risk in low speed, rear-impact collisions?
- ◆ Refuting artificial treatment parameters
- ◆ Goals of chiropractic treatment
- ◆ Stroke concerns related to spinal manipulation
- ◆ Dealing with arbitrary denials in PI cases
- ◆ Chiropractic management of patients with suspected cervical disc herniations
- ◆ Comparison of medical and chiropractic care for headache/neck pain
- ◆ Understanding exam findings in personal injury cases
- ◆ Explaining gaps in treatment

- ◆ Why extremity injuries complicate whiplash recovery
- ◆ Questionable attorney-chiropractic referral relationships
- ◆ Testing your knowledge of whiplash injuries
- ◆ Substantiating medical necessity
- ◆ Diagnostic value of weight-bearing MRI studies in cervical spine injuries
- ◆ Use of the AMA Impairment Guidelines
- ◆ Fallacies inherent in certain “evidence-based” guidelines
- ◆ Paradigm for evaluation and treatment of suspected disc injuries
- ◆ Detecting and documenting spinal ligament damage
- ◆ Misuse of Regulation Rule 302
- ◆ Refuting Colossus
- ◆ Importance of early spinal manipulation in whiplash cases
- ◆ Documenting long-term care necessity in trauma cases
- ◆ Dealing with ethical dilemmas caused by unreasonable treatment guidelines
- ◆ Latest research on TMJ dysfunction 1-year post injury
- ◆ Documenting new injuries while under treatment for a whiplash
- ◆ Documenting treatment beyond 90 days of care
- ◆ Re-evaluation methods in chiropractic
- ◆ Reasonable goals of rehabilitation
- ◆ Fighting back against dishonest experts
- ◆ Insurance ploys and how to refute them
- ◆ Chiropractors: good treaters; poor documenters

Articles for the *California Chiropractic Association Journal* include:

- ◆ Dr. Croft’s whiplash treatment guidelines
- ◆ Cervical spine rehabilitation procedures
- ◆ Prescription for postural abuse syndromes

- ◆ Simplifying progress notes
- ◆ Mercy Document abuse
- ◆ Effective use of the Mercy Document
- ◆ Misuse of experts in malpractice cases
- ◆ Outcome assessments
- ◆ An MD's obligation in whiplash cases
- ◆ Progress note documentation
- ◆ Flare-up documentation
- ◆ Bad faith issues in chiropractic
- ◆ Med pay issues
- ◆ Chiropractic role in diagnosing and treating TMJ dysfunction
- ◆ Use of small claims court
- ◆ Pursuing attorneys who fail to pay in lien situations
- ◆ Auto crash testing and low speed collision biomechanics
- ◆ Documenting flare-ups
- ◆ Documenting permanent disability with recognized guidelines
- ◆ Myofascial pain syndromes
- ◆ Various means to treat whiplash injuries
- ◆ The nature of soft tissue injuries

Articles for the *Journal of the American Chiropractic Association* include:

√ *Continued Misuse of the Medical Literature Regarding Vertebral Basilar Accidents: A Closer Look at the Rothwell et al. Study.* Co-authored with Michael T. Haneline, DC, MPH, August, 2003. An analysis of the methodology and statistics utilized in this research concerning the association of spinal manipulation and vertebral artery dissections.

√ *A Response to the Smith et al. Study on the Association of Spinal Manipulation and Vertebral Artery Dissection.* Co-authored with Michael T. Haneline, DC, MPH, October, 2003. A review of the inadequacies of this research and a critique of the study's conclusions.

√ *An Analysis of the ACOEM Guidelines.* Lead author in a research-based investigation of the *American College of Occupational and Environmental Medicine Guidelines* for the diagnosis, treatment and management of injuries. Biases toward the chiropractic profession were detailed. Published in two parts in 2005.

Articles for *Dynamic Chiropractic* include:

⊕ *Cervical Manipulation: The Neurosurgeon's Perspective?* A co-authored response with Michael T. Haneline, DC, FICR, to a December 2002 publication of the *Journal of Neurosurgery*. A critique of the of the research and methodology questioning the safety of cervical spinal manipulation in regards to vertebral artery dissections and cervical disc herniations, 4/21/2003.

Articles for the *Academy of Forensic Industrial Chiropractic Consultants* internet site include:

⊕ *A Response to an Article Entitled "The Measurement of Forces to the Cervical Spine During Spinal Manipulation."* Co-authored with Michael Blott, DC, QME, FAFICC. A critique of the methodology and conclusions of an article that purported that the accelerative forces involved in cervical spinal manipulation were equivalent to the forces involved in a typical low speed motor vehicle collision, 1999.

Articles for the *Digest of Chiropractic Economics* include:

√ *A Legal Duty of Medical Doctors Treating Whiplash Trauma.* An article that was widely quoted by other authors seeking to clarify the proper duties of medical physicians when attempting to treat whiplash without spinal manipulation. Co-authored with Rena Wallenius, Esq. First published 1987.

Articles for the *Journal of the Canadian Chiropractic Association* include:

√ *Identification of Internal Carotid Artery Dissection in Chiropractic Practice.* This review of the literature outlines the possible warning signs associated with carotid artery dissections. *Journal of the Canadian Chiropractic Association*. 2004 Sep;48(3):206-10. Co-authored with Michael Haneline, DC, DABCO, MPH.

√ *A Narrative Review of Pathophysiological Mechanisms Associated with Cervical Artery Dissection.* This literature review analyzed and summarized the documented and theoretical mechanisms associated with dissection of the cervical arteries. The association of SMT and cervical artery dissection is discussed. *Journal of the Canadian Chiropractic Association*. 2007 Jul;51(3):146-57. Co-authored with Michael Haneline, DC, DABCO, MPH.

Articles for *Journal of Manipulative and Physiological Therapeutics* include:

√ *Patient's Recall of the Mechanics of Cervical Spine Manipulation.* Using a standardized cervical adjusting method, 100 patients were asked to provide survey feedback on how their spinal manipulation was performed. Data analysis shows that the great majority of patients do not accurately recall the mechanics of the cervical adjustment. *Journal of Manipulative and Physiological Therapeutics*, 2005 Nov-Dec;28(9):708-12. Co-authored with Michael Haneline, DC, DABCO, MPH.

√ *An Analysis of the Etiology of Cervical Artery Dissections, 1994-2003.* A literature review and analysis of the reported etiologies of cervical artery dissections of the all the English language publications for the time period 1994-2003. The association of SMT and cervical artery dissection is discussed. *Journal of Manipulative and Physiological Therapeutics*, 2005 Oct;28(9):617-22. Co-authored with Michael Haneline, DC, DABCO, MPH.

Articles for Neurosurgical Focus include:

© Letter to the editor *Neurosurgical Focus* 14 (3), 2003, in response to the article *Complications of Cervical Spine Manipulation Therapy: 5-Year Retrospective Study in a Single-Group Practice.* *Neurosurgical Focus* 13 (6), 2002. A critique of the procedures and conclusions on this study. The limitation of anecdotal evidence was explored. Co-authored with Michael Haneline, DC, DABCO, MPH.

BOOKLETS

Whiplash

Authored a booklet for patients on the cervical acceleration deceleration injuries. Covers the nature of the injury, the recovery process, exam and treatment, as well as a special section of corrective exercises. Copyright 1992.

Posture Handbook

Authored a booklet for patients on the effects of posture on pain, injury recovery, degeneration and fatigue. Covers posture exercises for various regions of the body. Copyright 1998.

Work Injuries

Authored a booklet for patients and employers on the types of work place injuries and how to minimize recovery time and disability. Copyright 1992.

BOOKS

Three Minutes a Day to Outstanding Posture

A self-published book on understanding the effects of poor posture on the human body and how to correct the most common problems with as little as 3 minutes a day of simple and unique exercises. This book was originally developed for use at the International Dance and Exercise Association's meeting in San Diego, California, 1995. Copyright final edition 1996.

AWARDS

The California Chiropractic Association San Diego County District Award, President's Award, 1992.

Award presented for my office's no-cost treatment provided to 321 military personnel and their immediate family members involved in Desert Storm.

United States Marine Corp Award for special assistance to marine and navy personnel and family, 1992.

Presented for my office's efforts in providing one year of free chiropractic care to those military people (and their immediate families) who were directly involved in Desert Storm. During this period, free care was given to 321 people who met the above criteria.

Certificate of Appreciation from Pacific Chiropractic Resources, 1995.

Award for years of service as a consultant on the Chiropractic Review and Advisory Committee. Developed evaluation and treatment standards for this chiropractic managed care company. Reviewed thousands of records and case files from hundreds of treating chiropractors.

The California Chiropractic Association San Diego County District Award, President's Award, 2000.

Award presented for my education efforts for the new doctors in San Diego County.

Certificate of Appreciation from the California Chiropractic Association, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011

Awards for my efforts as chairperson for the CCA's Personal Injury Committee.

MEMBERSHIPS

California Chiropractic Association, 1983-2010

The primary chiropractic association for the State of California.

American Academy of Pain Management, 1992-2010

The nation's largest group of certified, multi-discipline practitioners.

American Chiropractic Association, 1993-2010

The largest nationwide association for chiropractors in the United States of America.

Academy of Forensic and Industrial Chiropractic Consultants, 2002.

A certified group of chiropractors specializing in work-related injuries and medical evaluations.

JOURNALS RECEIVED AND REVIEWED

American Journal of Pain Management

Journal of Manipulative and Physiological Therapeutics

Journal of the American Chiropractic Association (electronic)