

MICHAEL J. PARALOVOS D.C.

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SELECTED OCCUPATIONAL HISTORY

Chiropractic Physician, Florida Spine Group, Vero Beach, Florida, 2008-Present

Chiropractic Physician, Spine Design Chiropractic, Jupiter, Florida, 2006-2008

EDUCATION AND LICENSURE

Doctor of Chiropractic Medicine, Florida Department of Health, License # CH-9296,
2006-Present

Doctorate of Chiropractic, Life University College of Chiropractic, Marietta, Georgia,
2006

National Board of Chiropractic Examiners, Part I, 2005

National Board of Chiropractic Examiners, Part II, 2006

National Board of Chiropractic Examiners, Part III, 2006

National Board of Chiropractic Examiners, Part IV, 2007

National Board of Chiropractic Examiners, Physiotherapy, 2006

Florida Board of Chiropractic Medicine, 2006

Internship, Life University Outpatient Clinic, Marietta, Georgia, 2005-2006

Bachelor of Science in Biology, Excelsior College, Albany, New York, 2006

Undergraduate and Pre-Chiropractic Studies, Life University College of Arts and
Sciences, Marietta, Georgia, 1999-2003

SELECTED POST-GRADUATE EDUCATION and CERTIFICATIONS

Sensory Systems, *The major sensory pathways are discussed specific to their structure and function. Central processing of sensory information is reviewed in relationship to thalamic and cortical integration. Disorders of the sensorium is reviewed and methodology introduced to aid in differentiating these disorders from central and peripheral origins. Applications specific to the treatment of the sensorium is explored.* Carrick Institute for Graduate Studies, American Chiropractic Neurology Board, National Organization for Competency Assurance, Orlando, Florida, 2010

Structural Rehabilitation of the Lumbar Spine, *The science and art of lumbo-pelvic disorders. Detailed literature reviews covering the crisis of lumbar disorders in patient populations, the role of spinal manipulative therapy and structural correction of sagittal lumbar lordosis. Appropriate application and timing of postural and functional exercises for the lumbar spine designed to correct spinal subluxation and strengthen the lower back tissues. 17 categories of sagittal lumbar traction and 5 methods of coronal lumbar traction with demonstrations for structural rehabilitation of the lumbar spine, including indications and contraindications.* New York Chiropractic College and Chiropractic Biophysics Seminars, Charlotte, North Carolina, 2005 and Orlando, Florida, 2010

Accident Reconstruction: Research, Causality and Bodily Injury, *Delta V issues correlated to injury and mortality, side impact crashes and severity of injuries, event data recorder reports correlated to injury, frontal impact kinematics, crash injury metrics with many variables and inquiries related to head restraints.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Long Island, New York, 2010

Accident Reconstruction: Skid Marks, Time, Distance, Velocity, Speed Formulas and Road Surfaces, *The mathematical calculations necessary utilizing time, distance, speed, coefficients of friction and acceleration in reconstructing an accident. The application of the critical documentation acquired from an accident site.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Long Island, New York, 2010

Accident Reconstruction: Causality, Bodily Injury, Negative Acceleration Forces, Crumple Zones and Critical Documentation, *Factors that cause negative acceleration to zero and the subsequent forces created for the vehicle that get translated to the occupant. Understanding critical documentation of hospitals, ambulance reports, doctors and the legal profession in reconstructing an accident.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Long Island, New York, 2010

Accident Reconstruction: Terms, Concepts and Definitions, *The forces in physics that prevail in accidents to cause bodily injury. Quantifying the force coefficients of vehicle mass and force vectors that can be translated to the occupant and subsequently cause serious injury.* CMCS Post Doctoral Division, New York Chiropractic Council, New

York State Department of Education, Board for Chiropractic, Long Island, New York, 2010

Lobes of the Brain, *Review the basic functions and structures associated with the frontal, parietal, temporal and occipital lobes. Methodology involving the use of optokinetic stimulations and other brain based diagnostics and therapeutics will be reviewed.* Carrick Institute for Graduate Studies, American Chiropractic Neurology Board, National Organization for Competency Assurance, Orlando, Florida, 2010

MRI Clinical Application, *The clinical application of the results of space occupying lesions. Disc and tumor pathologies and the clinical indications of manual and adjustive therapies in the patient with spinal nerve root and spinal cord insult as sequelae.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Magdy Shady MD, Neurosurgeon, Long Island, New York, 2010

MRI Methodology of Analysis, *MRI interpretation sequencing of the cervical, thoracic and lumbar spine inclusive of T1, T2, STIR and 3D gradient studies to ensure the accurate diagnosis of the region visualized.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Robert Peyster MD, Neuroradiologist, Long Island, New York, 2010

MRI Spinal Pathology, *MRI interpretation of bone, intradural, extradural, cord and neural sleeve lesions. Tuberculosis, drop lesions, metastasis, ependymoma, schwannoma and numerous other spinal related tumors and lesions.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Robert Peyster MD, Neuroradiologist, Long Island, New York, 2010

MRI Disc Pathology and Spinal Stenosis, *MRI interpretation of bulged, herniated, protruded, extruded, sequestered and fragmented disc pathologies in etiology and neurological sequelae in relationship to the spinal cord and spinal nerve roots.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Robert Peyster MD, Neuroradiologist, Long Island, New York, 2010

MRI Spinal Anatomy and Protocols, *Normal anatomy of axial and sagittal views utilizing T1, T2, 3D gradient and STIR sequences of imaging. Standardized and desired protocols in views and sequencing of MRI examination to create an accurate diagnosis in MRI.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Robert Peyster MD, Neuroradiologist, Long Island, New York, 2010

MRI History and Physics, *Magnetic fields, T1 and T2 relaxations, nuclear spins, phase encoding, spin echo, T1 and T2 contrast, magnetic properties of metals and the historical perspective of the creation of NMR and MRI.* CMCS Post Doctoral Division, New York

Chiropractic Council, New York State Department of Education, Board for Chiropractic, Long Island, New York, 2010

Documenting Clinically Correlated Bodily Injury to Causality, *Understanding the necessity for accurate documentation, diagnosis and clinical correlation to the injury when reporting injuries in the medical-legal community. Documenting the kinesio pathology, myopathology, neuropathology, and pathophysiology in both a functional and structural paradigm.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Education Department, Board for Chiropractic, Long Island, New York, 2010

Documentation and Reporting for the Trauma Victim, *Understanding the necessity for accurate documentation and diagnosis utilizing the ICD-9 and the CPT to accurately describe the injury through diagnosis. Understanding and utilizing state regulations on reimbursement issues pertaining to healthcare.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Education Department, Board for Chiropractic, Long Island, New York, 2010

Neurodiagnostic Testing Protocols, Physiology and Indications for the Trauma Patient, *Electromyography (EMG), Nerve Conduction Velocity (NCV), Somato Sensory Evoked Potential (SSEP), Visual Evoked Potential (VEP), Brain Stem Auditory Evoked Potential (BAER) and Visual-Electronystagmosgraphy (V-ENG) interpretation, protocols and clinical indications for the trauma patient.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Education Department, Board for Chiropractic, Long Island, New York, 2010

MRI, Bone Scan and X-Ray Protocols, Physiology and Indications for the Trauma Patient, *MRI interpretation, physiology, history and clinical indications, bone scan interpretation, physiology and clinical indications, x-ray clinical indications for the trauma patient.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Education Department Board for Chiropractic, Long Island, New York, 2010

Crash Dynamics and Its Relationship to Causality, *An extensive understanding of the physics involved in the transference of energy from the bullet car to the target car. This includes G's of force, newtons, gravity, energy, skid marks, crumple zones, spring factors, event data recorder and the graphing of the movement of the vehicle before, during and after the crash. Determining the clinical correlation of forces and bodily injury.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Education Department Board for Chiropractic, Long Island, New York, 2010

Diagnostics, Risk Factors, Clinical Presentation and Triaging the Trauma Patient, *An extensive understanding of the injured with clinically coordinating the history, physical findings and when to integrate neurodiagnostics. An understanding on how to utilize emergency room records in creating an accurate diagnosis and the significance of "risk factors" in spinal injury.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Education Department Board for Chiropractic, Long Island, New York, 2010

Neurodiagnostics, Imaging Protocols and Pathology of the Trauma Patient, *An in-depth understanding of the protocols in triaging and reporting the clinical findings of the trauma patient. Maintaining ethical relationships with the medical-legal community.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education Board for Chiropractic, Long Island, New York, 2010

Certification as a Golf Fitness Instructor, Titleist Performance Institute, Oceanside, California, 2009

TPI Certified Golf Fitness Instructor level 1, *Identify and overcome any physical restrictions that are limiting your patient's athletic potential. The latest in golf-specific health and fitness.* Titleist Performance Institute, Orlando, Florida, 2009

Florida Board of Chiropractic Medicine Continuing Education and License Renewal, *State laws and rules, professional and ethical boundaries, medical errors and documentation and coding.* Palmer College of Chiropractic, Port Orange, Florida, 2009

American Medical Association Guides to the Evaluation of Permanent Impairment 6th Edition, *Impairment and disability evaluation and rating system based on the AMA standards. The use of proper ICD-9 and CPT coding as well a documentation protocols.* Texas Chiropractic College and Kaplan Seminars, Orlando, Florida, 2009

Structural Rehabilitation of the Cervical Spine, *The science and art of cervical spine disorders. The crisis of cervical disorders in patient populations, the role of spinal manipulative therapy and structural correction of sagittal cervical lordosis. Appropriate application and timing of postural and functional exercises for the cervical spine designed to correct spinal subluxation and strengthen the cervical and upper thoracic spine tissues. 16 categories of sagittal cervical traction and 3 methods of coronal cervical traction with demonstrations for structural rehabilitation of the cervical spine, including indications and contraindications.* Cleveland Chiropractic College and Chiropractic Biophysics Seminars, Orlando, Florida, 2009

Distinguished Fellow of Chiropractic Biophysics, Chiropractic Biophysics Seminars, Evanston, Wyoming, 2007

Instrument Adjusting, *The science and art of upper cervical spinal disorders with application to instrument adjusting for full spine postural subluxations and joint fixations. How posture displacement influences the upper cervical spine as well as normal joint kinematics and instability analysis of the upper cervical spine. The biomechanics and neurophysiological mechanisms of instrument adjusting techniques with indications for different techniques of segmental versus postural adjusting. Comparative review of upper cervical methods of adjusting and a literature review on upper cervical anomalies.* Cleveland Chiropractic College and Chiropractic Biophysics Seminars, Newark, New Jersey, 2007

New Era in Spinal Whiplash and Trauma, *The science of motor vehicle trauma. Rehabilitation protocols for automobile accident subjects, particularly the efficacy of chiropractic intervention. Tissues that are the source of chronic spinal pain, how pain travels from the injured tissues to the brain, and documenting whiplash post-traumatic articular stability. How the automobile accident trauma affects the immune system, vision, dizziness, emotions, cognition as well as neurobiological adaptations following such trauma.* Life Chiropractic College West, Fort Lauderdale, Florida, 2007

Neuromechanical Innovations, *Chiropractic adjustment mechanisms and technological advancements in quantitative computerized adjusting. Practical application of impulse adjusting technique®. CMS requirements, PART documentation requirements and guidelines in chiropractic practice.* New York Chiropractic College, Chicago, Illinois, 2007

Drop Table Adjusting, Leg Length Inequality & Orthotic Intervention, *The science and art of spine, posture, and lower extremity disorders. The total permutations of abnormal posture using formulas from probability theory is delineated and a literature review on postural displacements as they correlate to patient conditions is provided. The details of objective postural assessment and measurement are reviewed.* New York Chiropractic College and Chiropractic Biophysics Seminars, Atlanta, Georgia, 2006

Biomechanics of the Spine & Subluxation, *Types of loading of spinal biomechanics and stress and strain evaluations of spinal tissues during each type of spinal loading. Mechanisms of injury to the spine.* New York Chiropractic College and Chiropractic Biophysics Seminars, Marietta, Georgia, 2005

Basics of CBP Technique, *Frequency and duration topics for establishing a logical treatment plan for chiropractic patients. Normal static equilibrium spinal model from the literature and two types of subluxation that are not normal, abnormal posture and segmental spinal coupling patterns as rotations and translations in 3-D. Validity, reliability, projection geometry, and CBP analysis methods.* New York Chiropractic College and Chiropractic Biophysics Seminars, Marietta, Georgia, 2004

SELECTED PROFESSIONAL MEMBERSHIPS

International Association of Functional Neurology, Rehabilitation and Ergonomics

American Academy of Medical Legal Practitioners

North American Spine Society

Indian River Chamber of Commerce - Young Professionals of Vero Beach

SELECTED HONORS AND AWARDS

Rehab and Treatment Results Scholarship, Foot Levelers Inc., 2006

Chiropractic Biophysics Outstanding Achievement Award, Chiropractic Biophysics Non-Profit, 2006

Athletic Scholarship, Life University Skating Eagles, Life University, 1999-2006

SELECTED COMMUNITY SERVICE

Boys and Girls Club, Donator, Vero Beach, Florida, 2010

American Cancer Society, Donator, Sebastian, Florida, 2010

Fort Pierce Inlet Cleanup, Participant, Fort Pierce, Florida, 2010

RBC Bank & PGA Golf Family Day, Golf Fitness Instructor, Vero Beach, Florida, 2010

Gifford Youth Activity Center, Donator, Gifford, Florida, 2010

Indian River County Sheriff's Dept. School Drive, Donator, Vero Beach, Florida, 2010

Hibiscus Children Center, Donator, Vero Beach, Florida, 2010

Muscular Dystrophy Association, Donator, Boynton Beach, Florida, 2010

Ultimate Cheer and Dance, Donator, Vero Beach, Florida, 2010

Vero Homeless Family Center Food Drive, Donator, Vero Beach, Florida, 2009

Children's Home Society Toy Drive, Donator, Vero Beach, Florida, 2009

Space Coast Junior B Hockey Club, Sponsor, Rockledge, Florida, 2009

Imagine Schools of South Vero, Donator, Vero Beach, Florida, 2009

4-H Club, Sponsor, Vero Beach, Florida, 2009