



Nashville Spine Injury and Health

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CURRICULUM VITAE

SELECTED OCCUPATIONAL HISTORY

Clinic Director, Chiropractor, Nashville Spine and Injury Center, Nashville, TN,
1984–Present

Chiropractor, Vanatta Chiropractic Office, McMinnville, TN, 1982–1984

EDUCATION and LICENSURE

Doctor of Chiropractic, Licensed in the State of Tennessee, License #DC369,
1983–Present

Doctorate of Chiropractic Cum Laude, Logan College of Chiropractic, Chesterfield, MO,
1982

Diplomate, National Board of Chiropractic Examiners, 1982

National Board of Chiropractic Examiners, Part II, 1982

National Board of Chiropractic Examiners, Part I, 1981

Bachelor of Science in Human Biology, Logan College of Chiropractic, Chesterfield,
MO, 1980

SELECTED CONTINUING EDUCATION AND CERTIFICATIONS

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 sequellae.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Magdy Shady MD, Neurosurgeon, Long Island, NY, 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, NY, 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, NY, 2010

MRI Disc Pathology and Spinal Stenosis, *MRI interpretation of bulged, herniated, protruded, extruded sequestered and fragmented disc pathologies in etiology and neurological sequellae 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, NY, 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, NY, 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, Terry Button PhD, Medical Physicist, Long Island, NY, 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 kinesiopathology, myopathology, neuropathology, 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, NY, 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 health care.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Education Department, Board for Chiropractic, Long Island, NY, 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, NY, 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, NY, 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, NY, 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 and 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, NY, 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 Education Department, Board for Chiropractic, Long Island, NY, 2010

Forensic Science, *Development of knowledge, comprehension and understanding of the medicolegal system as it relates to the practice of forensic science. Construction of skill sets in forensic examination and document review.* University of Bridgeport College of Chiropractic, Bridgeport, CT, 2009.

Sacro-illiac Joint Dysfunction and Low Back Pain, *Biomechanics, Diagnosis and Treatment,* Tennessee Chiropractic Association Post Graduate Continuing Education, Nashville, TN, 2009.

Permanent Soft Tissue Injuries – 2009, *Mechanisms of injury, injury diagnosis and prognosis and review of relevant medical literature,* Chiropractic Continuing Education Seminars 2009, Nashville, TN 2009

Clinical Posture Assessment, Therapy and Exercise, *Patient posture assessment methodologies, application of corrective therapies and exercise*. Tennessee Chiropractic Association Post Graduate Education, Nashville, TN, 2008

Chiropractic Research: The Year in Review, *Review of the latest research relevant to chiropractic practice*. Seminars in Chiropractic Research, Nashville, TN, 2008

Clinical Evaluation of the Shoulder, *Evaluation and treatment of shoulder injuries and disorders*, University of Bridgeport College of Chiropractic, Bridgeport, CT, 2007

Physical Therapy, *Application of physical therapy modalities in patient care*. University of Bridgeport College of Chiropractic, Bridgeport, CT, 2007

Magnetic Resonance Imaging, *Physics and interpretation of magnetic imaging resonance*, University of Bridgeport College of Chiropractic, Bridgeport, CT, 2007

Nutrition Adjustment, Introduction, Review and Updates, *Clinical evaluation and practice with nutritional therapy*, Tennessee Chiropractic Association Continuing Education, Nashville, TN, 2007

Chiropractic Research: The Year in Review, *Review of the latest research relevant to chiropractic practice*. Seminars in Chiropractic Research, Nashville, TN, 2006

Chiropractic Rehabilitation, *Principles and application in clinical practice*. Southern California University of Health Sciences, Nashville, TN, 2006

Chiropractic Rehabilitation, *Principles and application in clinical practice*. Southern California University of Health Sciences, Nashville, TN, 2005

Laboratory Blood Analysis, *Clinical analysis of blood testing*. Tennessee Chiropractic Association Continuing Education, Nashville, TN, 2003

Three Part Approach to Diagnosis, Laboratory Analysis, Interpretation, Nutrition and OSHA Standards, *Clinical methods applied to patient care*. Tennessee Chiropractic Association Post Graduate Education, Nashville, TN, 2002

Active Release Technique-Spine, *Myofascial release therapy for spinal musculature and connective tissues*. New York Chiropractic College, Atlanta, GA, 2001

Whiplash and Spinal Trauma, *Research, clinical evaluation and treatment of spinal acceleration/deceleration injuries*. Life Chiropractic College West, Atlanta, GA, 2000

Tensegrity Therapy, *Clinical evaluation and treatment of connective tissue injuries and disorders*. Logan College of Chiropractic Postgraduate Department, St Louis, MO, 2000

Neurophysiologic Testing, *Diagnostic testing of neurological function*. Tennessee Chiropractic Association Continuing Education, Nashville, TN, 1999

Diagnosis and Treatment of Soft Tissue Trauma, *Clinical research, evaluation and treatment of injuries to connective soft tissues*. International Chiropractic Association, Atlanta, GA, 1999

Surface Electromyography and Dynamic Range of Motion Applications in Clinical Practice for Evaluation and Treatment, *Testing and analysis of paraspinal muscular function and joint range of motion*. Jeffrey Cram, PhD, SonoMed, Chicago, IL, 1998

Effective Chiropractic Testimony, Risk Management and Insurance, *Proper presentation of facts in courtroom testimony, effective risk management and insurance procedures*. Tennessee Chiropractic Association, Nashville, TN, 1997

Spinal Rehabilitation, *Clinical evaluation and treatment of spinal injuries and disorders*. Cleveland Chiropractic College and the Chiropractic Rehabilitation Association, Nashville, TN, 1996

Certified Chiropractic Extremity Physician, Council of Chiropractic Extremity Adjusting, Life Chiropractic College Post Graduate Division, Marietta, GA, 1995

Extremity Adjusting, *Four part course in evaluation and extremity joint manipulation and mobilization treatment methods*. Life Chiropractic College, Marietta, GA, 1995

Diagnosis and Clinical Management of Cervical Acceleration/Deceleration Trauma and Whiplash Related Temporomandibular Joint Disorders, *Four part course in physics, diagnosis, treatment of spinal and extra-spinal injuries, medicolegal fundamentals, principles of impairment rating and forensic reporting*. Spine Research Institute of San Diego, Atlanta, GA, 1994, 1995

Chiropractic Biophysics: Level V, Spinal Mechanical Engineering Principles, *Literature review of posture and systemic health*. Chiropractic Biophysics, Atlanta, GA, 1995

Acceleration/Deceleration Trauma, *Research findings, clinical evaluation and treatment of acceleration/deceleration injuries*. Los Angeles College of Chiropractic, Atlanta, GA, 1994

Whiplash Certification Program, *Clinical evaluation and treatment of cervical acceleration/deceleration injuries*. Los Angeles College of Chiropractic, Atlanta, GA, 1994

Chiropractic Biophysics: Level IV, Spinal Mechanical Engineering Principles, *Mechanical engineering principles applied to x-ray analysis, congenital spinal anomalies, intervertebral joint adjustment, and abnormal posture correction*. Chiropractic Biophysics, Huntsville, AL, 1993

Chiropractic Biophysics: Level III, Spinal Mechanical Engineering Principles, *Mechanical engineering principles of spinal lateral curves with harmonics, sacro-iliac joint motion, mirror image adjusting techniques, lateral curve and full spine positioning*. Chiropractic Biophysics, Huntsville, AL, 1993

Chiropractic Biophysics: Level II, Spinal Mechanical Engineering Principles, *Mechanical engineering principles of skull, thorax and pelvis posture permutations mechanical visualization of posture for translations and rotations, spinal adjusting by mirror image of posture, mirror image postural exercises, spinal curve restoration and computer digitalization of posture.* Chiropractic Biophysics, Huntsville, AL, 1993

Chiropractic Biophysics: Level I, Spinal Mechanical Engineering Principles, *Mechanical engineering principles of spinal coupling patterns, postural measurements, radiographic analysis, bone physiology, nerve physiology and pathology of subluxation.* Chiropractic Biophysics, Huntsville, AL, 1993

Motion Palpation and Manipulation of the Lower Extremities, *Manual diagnostic and treatment techniques for the hip, knee and foot.* Motion Palpation Institute, St. Louis, MO, 1990

Current Concepts of Spinal Biomechanics, *Research updates concerning spinal biomechanics.* Logan College of Chiropractic Postdoctoral and Related Professional Education, St Louis, MO, 1989

Motion Palpation and Manipulation of the Upper Extremities, *Manual diagnostic and treatment techniques for the shoulder, elbow and hand.* Motion Palpation Institute, St. Louis, MO, 1988

Certified Disability Impairment Rating, Logan College of Chiropractic, Chesterfield, MO, 1987

Chiropractic Orthopedics: Impairment Rating, *Three part course in disability impairment rating per AMA Guidelines.* Logan College of Chiropractic Postdoctoral and Related Professional Education, St. Louis, MO, 1987

Certified Chiropractic Industrial Consultant, Logan College of Chiropractic Post Graduate Division, Chesterfield, MO, 1986

Chiropractic Industrial Consultant, *Twelve part course in ergonomics, work station hazard analysis and injury prevention.* Logan College of Chiropractic and Northwestern College of Chiropractic, St. Louis, MO, 1986

Motion Palpation and Manipulation of the Spine, *Manual diagnostic and treatment techniques for the spine.* Motion Palpation Institute, St. Louis, MO, 1981

SELECTED MEMBERSHIPS

Tennessee Chiropractic Association, Member, 2005-Present.