

Peter J. Hanson DC DAAML P

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SELECTED OCCUPATIONAL HISTORY

Clinic Director, Chiropractor, Hanson Chiropractic, Everett, WA, 1995 – Present

Chiropractor, Smith Chiropractic, Buena Park, CA, 1992 -1994

EDUCATION AND LICENSURE

Diplomate, American Academy of Medical Legal Professionals, Buffalo, New York, 2012

Doctor of Chiropractic, Licensed in the State of Washington, License #2723, 1992- present

Doctor of Chiropractic, Licensed in the State of California, License #21993, 1992- present

Doctorate of Chiropractic, Los Angeles College of Chiropractic, Whittier, CA, 1992

Internship, Los Angeles College of Chiropractic- Glendale Clinic, Glendale, CA, 1991-1992

National Board of Chiropractic Examiners, Part I, 1990

National Board of Chiropractic Examiners, Part II, 1991

National Board of Chiropractic Examiners, Part III, 1992

Pre-Chiropractic Studies, Medicine Hat College, Medicine Hat, Alberta, Canada, 1985-1988

SELECTED POST-GRADUATE EDUCATION, CERTIFICATIONS AND DIPLOMATES

Whiplash Injury Biomechanics and Traumatology, Module 2 Advanced Diagnostics, Treatment, and Auto Crash Reconstruction; Management Principles in Personal Injury. *Critical history taking and physical examination skills. Radiographic and advanced imaging, including CT, MRI, scintigraphy, PET, SPECT, and others. Electro-diagnostic testing and their applications in whiplash. Therapeutic approaches to successful management of whiplash and mild traumatic brain injuries.* Arthur C. Croft Phd, DC, MSC, MPH. Denver, CO 2016

Whiplash Injury Biomechanics and Traumatology, Module 1 Advanced Topics; the Fundamental Science. *In depth review of our current state of knowledge of the whiplash phenomenon, including factors affecting injury risk and outcome. In-depth biomechanics, traumatology, epidemiology, review of outcome studies, and common sequelae of whiplash, including brain injuries, pain syndromes, thoracic outlet syndrome, carpal tunnel syndrome and chronic pain disorders.* Arthur C. Croft Phd, DC, MSC, MPH Portland, OR 2016.

Instrument Assisted Soft Tissue Manipulation. *The Graston Technique® is an advanced form of instrument-assisted, soft tissue mobilization, which incorporates the use of six specially designed stainless steel instruments. GT enables clinicians to effectively treat the adverse effects of scar tissue and fascial restrictions as well as improve and maintain optimal range of motion.* University of Washington 2014.

Swedish Medical Group, Chiropractic Network Pilot Group Development from October 2012 to current. *Current member of the Swedish Medical Group Chiropractic Pilot Network*

Mirror Image® In Motion: Full Body Rehabilitation, *The science and art of understanding, evaluating, and management of spinal and posture disorders. Issues associated with functional and structural exercise protocols (movers and stabilizers) were reviewed including progressions as the patient becomes stronger.* Dr. Deed Harrison, Dr. Brian Paris, Dr. Brandon Trujillo, Jason Haas, Eoise, ID 2014

Spinal Biomechanics, *Spinal injury creating physiological loads and their relation to abnormal vertebral kinematic patterns. Central nervous system biomechanics along with the neuro-physiological consequences of spinal injury patterns. Total permutations of abnormal posture and their consequent effects on ligaments, muscles, and the intervertebral disc was reviewed.* Harrison CBP Seminars, Life University, Seattle, WA, 2012

MRI Imaging for Ligamentous Injuries, *An in-depth understanding of the imaging protocols and diagnosis of cervical spine ligament injuries following trauma.* Chintan DeSai M.D., Neuroradiologist. Clinical Biomechanics of Posture Annual Conference. Harrison CBP Seminars Inc., Life University, Phoenix, AZ 2011.

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, NY, 2011

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, 2011

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, NY, 2011

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, 2011

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, 2011

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, NY, 2011

Head Trauma, Brain Injury and Concussion, *Brain and head physiology, brain mapping and pathology as a sequella to trauma. Traumatic brain injury, mild traumatic brain injury, axonal shearing, diffuse axonal injury and concussion are detailed in etiology and clinically. Clinical presentation, advanced diagnostic imaging and electrodiagnostics are detailed in analysis to create a differential diagnosis. Balance disorders that often occur as a result of trauma are also explored from clinical presentation to advanced imaging and differential diagnosis.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, 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 Department of Education 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 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, 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

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

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-Electronystagmography (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

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, 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 healthcare.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Education Department, Board for Chiropractic, Long Island, NY, 2010

Whiplash, Spinal Trauma, and the Personal Injury Case, *Understanding and utilizing proper diagnosis, prognosis, and treatment protocols for the injured patient based on latest research findings.* Washington State Chiropractic Association, Bellevue, WA, 2010

Clinical Biomechanics of Posture Annual Conference, *Dynamic rehabilitation methods including whole body vibration for spinal misalignments/trauma.* Harrison CBP Seminars Inc., Life University, Las Vegas, NV 2008

Full Spine Correlations, Analysis, and Treatment, *Correction of full spine misalignments/trauma including an analysis of pelvic morphology and anatomical leg length deficiency.* Harrison CBP Seminars, Life University, Seattle, WA, 2003

Whiplash and the Injured, *Discussion of changes in the nervous system following injury including disc pain, radiculopathy, and disc herniation prognosis.* ChiroCurrent Lectures, Seattle, WA, 2007

Scoliotic Deformity Analysis & Conservative Management Strategies, *The science and art of understanding, evaluating, and management of scoliotic deformities in adolescents and adults.* Harrison CBP Seminars, Cleveland College of Chiropractic, Seattle, WA, 2006

Neurology, Posture, & Systemic Health, *Posture and its correlation to systemic health through mechanoreceptors and proprioceptors in spinal tissues, facet capsular ligaments, spinal ligaments, intervertebral discs and muscles.* Harrison CBP Seminars, National University of Health Sciences, Seattle, WA, 2005

21st Century Chiropractic Training, *Biomechanical Injury, biomechanics and the neurological basis for pain. Instrument correction of spinal misalignments/trauma.* Neuromechanical Institute, Seattle, WA, 2005

Clinical Biomechanics of Posture Annual Conference, *Treatment of whiplash injuries utilizing chiropractic spinal rehabilitation and nutrition.* Harrison CBP Seminars, National University of Health Sciences, Las Vegas, NV, 2004

Instrument Adjusting, *The biomechanics and neurophysiological mechanisms of instrument adjusting techniques were reviewed with specific emphasis on the upper cervical spine.* CBP Seminars, National University of Health Sciences, Seattle, WA, 2004

Structural Rehabilitation of the Cervical Spine, *Cervical spine trauma and the crisis of cervical disorders in patient populations, the role of spinal manipulative therapy and structural correction of sagittal cervical lordosis.* Harrison CBP Seminars, National University of Health Sciences, Seattle, WA, 2003

Chiropractic and Rehabilitation of the Spine. *Analysis and correction of spinal misalignment/trauma utilizing manual, instrument, and body weighting procedures.* Pettibon Spinal Bio-Mechanics Institute, Seattle, WA, 2003

Basics of Clinical Biomechanics of Posture, *Understanding the normal static equilibrium spinal model from the literature, including abnormal spinal coupling patterns associated with trauma.* Harrison CBP Seminars, National University of Health Sciences, Hayward, CA, 2003

Drop Table Adjusting, Leg Length Inequality & Orthotic Intervention, *Developing corrective procedures for abnormal spinal biomechanics of the spine including analysis and course of care for short leg syndrome as well as upper cervical misalignment/trauma.* CBP Seminars, National University of Health Sciences, Seattle, WA, 2003

Structural Rehabilitation of the Lumbar Spine, *Lumbar spine trauma and the crisis of lumbar disorders in patient populations. The role of spinal manipulative therapy and structural correction of sagittal lumbar lordosis.* Harrison CBP Seminars, Life University, Costa Mesa, CA, 2003

Certification in Clinical Biomechanics of Posture Fellowship, CBP Seminars, Seattle, WA, 2003

Certification in Applied Kinesiology, International College of Applied Kinesiology, Los Angeles, CA, 1991

SELECTED MEMBERSHIPS

International Chiropractic Association, Member, 2005 - present

Washington State Chiropractic Association, Member, 2004 – present

Academy of Chiropractic, Member, 2010 - present

SELECTED COMMUNITY SERVICE

United States Marines Toys for Tots Program, Coordinator and Donor, Everett, WA, 2008-2010

Everett Chamber of Commerce, Member, Everett, WA, 1995-2001, 2003-2005

Volunteers of America, Coordinator and Donor, Everett, WA

