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SELECTED OCCUPATIONAL HISTORY

Doctor of Chiropractic and Clinic Director, Minnesota Chiropractic and Rehabilitation, Plymouth, MN 2009 – present.

Doctor of Chiropractic and Clinic Director, Shane A. Boroditsky, P.A., Maple Grove, MN 2005 – 2009.

Associate Doctor of Chiropractic, Maple Grove, MN 2000 – 2005.

LICENSURE AND EDUCATION

Doctor of Chiropractic, Licensed State of Minnesota, License # 3976, 2000 to present.

Acupuncturist, Licensed State of Minnesota, License # 550, 2000 to present.

Independent Medical Examiner (Plaintiff IME), Licensed State of Minnesota, License # 863, 2010 to present.

Board Certification, Minnesota Board of Chiropractic Examiners, Minneapolis, MN 2000.

Board Certification Part I, II, PT, III, IV, National Board of Chiropractic Examiners, Greeley, CO 2000.

Doctorate of Chiropractic, Summa Cum Laude, National University of Health Sciences, Lombard, IL 2000.

Internship, National University of Health Sciences Outpatient Facility, Lombard, IL, 1999-2000.

Meridian Therapy – Acupuncture Certification, National University of Health Sciences, Lombard, IL 2000.

Fellowship, International Chiropractic Pediatric Association / Cleveland Chiropractic College, Chicago, IL 1999.

Bachelor of Science, National University of Health Sciences, Lombard, IL 1999.

Bachelor of Arts, University of Winnipeg, Winnipeg, Canada 1994.

SELECTED TEACHING/INSTRUCTING/LECTURING/CONSULTING

Traumatically Injured Clients - The Medical and Legal Impact, Part III: Traumatic Brain Injury/Mild Traumatic Brain Injury, Overlooked Injuries, Hennepin County Bar Association, Minneapolis, Minnesota, 2011.

Traumatically Injured Clients - The Medical and Legal Impact, Part II: Sprain/Strain Injuries, Facet Syndromes, Cervico-Brachial Syndromes, Hennepin County Bar Association, Minneapolis, Minnesota, 2011.

Traumatically Injured Clients - The Medical and Legal Impact, Part I: Intervertebral Disc and Associated Injuries, Hennepin County Bar Association, Minneapolis, Minnesota, 2011.

Traumatically Injured Clients – The Medical and Legal Impact, Hennepin County Bar Association, Minneapolis, Minnesota, 2011.

Traumatically Injured Clients – The Medical and Legal Impact Part I and II, Ramsey County Bar Association, St. Paul, Minnesota, 2011.

Associate Clinical Faculty, Department of Clinical Education, Northwestern Chiropractic College, Northwestern Health Sciences University, Bloomington, MN 2010 – present.

SELECTED POST-GRADUATE EDUCATION

Credentials and Clinically Correlating Causality, The significance documentation and credentials in the personal injury field with a focus on clinically correlating causality, bodily injury and persistent functional loss as a sequella, Academy of Chiropractic Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, 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, 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.

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 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 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 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 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.

Patient Intake, History and Physical Examination, *Determining the etiology of the patient's complaints in a traumatic or non-traumatic scenario. Analyzing the patient's past history and review of systems along with the performance of a complete orthopaedic, neurological and clinical examination to correlate both past, current and causality issues to formulate an accurate diagnosis, prognosis and treatment plan. Triaging both the trauma and non-trauma patient,* Academy of Chiropractic, Post Doctoral Division, New York Chiropractic Council, New York State Education Department, Long Island, NY, 2011.

Utilization of Research in the Clinical Setting, *Utilizing peer reviewed scientific literature in creating a diagnosis, prognosis and treatment plan for the chronic and acute patient. How to implement and stay current on techniques and technology in healthcare,* Academy of Chiropractic Post Doctoral Education Division, New York Chiropractic Council, New York State Education Department, Board for Chiropractic, Long Island, NY, 2011.

The Evolution of Head Injury: *Diagnosis, Treatment and Common Sense Precautions.* *Noran Neurological,* Minneapolis, MN, 2011.

Practical Orthopedics for Primary Care Conference, *Diagnostic examination and pertinent treatments for common orthopedic conditions. Use of appropriate casting, splinting and bracing techniques of the upper and lower extremities. Imaging of common orthopedic conditions.* Minnesota Medical Association and Twin Cities Orthopedics, Minneapolis, MN, 2011.

Got Concussion on the Brain? *Advanced Imaging for Mild Traumatic Brain Injury, Utilization of advanced imaging for the diagnosis and treatment of traumatic and mild traumatic brain injury. Physical examination, assessment and treatment of mild traumatic brain injury.* Center For Diagnostic Imaging, Minneapolis, MN, 2011.

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, 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.

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 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.

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.

Differential Diagnosis of Chest Wall Pain Syndromes, Thoracic Outlet Syndrome, Costosternal Syndrome, Costochondritis (Tietze's Syndrome), Sternalis Syndrome and Thoracic Radiculopathy. Alfonso Morales, MD, DABPM, Spine Imaging MRI, Minneapolis, MN 2010.

Protocols For Magnetic Resonance Imaging Referral, When and Why to Refer. Scott Murray DC, DACBR, Spine Imaging MRI, Minneapolis, MN 2010.

Head Trauma. Carl Hansen, MD, SUMA MRI, Golden Valley, MN 2009.

Colossus and Whiplash Injuries. David Tucker DC, SUMA MRI, Golden Valley, MN 2009.

Whiplash and Spinal Trauma. Daniel Murphy, SUMA MRI, Golden Valley, MN 2009.

Problematic Cervical Spine. Terry Yocum, SUMA MRI, Golden Valley, MN 2009.

Kinesio Taping Methodology and Usage. Darren Hancock DC, Hockert Sales, Isanti, MN 2009.

Colossus, James Mathias, SUMA MRI, Golden Valley, MN 2009.

Practical Spine Imaging. Jeffrey Cronk, DC CICE, SUMA MRI, Golden Valley, MN 2008.

Lumbar Spine MRI Imaging. Terry Yocum, SUMA MRI, Golden Valley, MN 2008.

Cox Technique Treatment of IVD Injuries. James Cox, DC, DACBR, SUMA MRI, Golden Valley, MN 2008.

Spinal Stenosis. Sabrina Walski, MD, SUMA MRI, Golden Valley, MN 2007.

Sacroiliac Joint Dysfunction. John Stark, MD, SUMA MRI, Golden Valley, MN 2007.

Personal Injury Law. David Cody, SUMA MRI, Golden Valley, MN 2007.

Workman's Compensation Law. Dean Margolis, SUMA MRI, Golden Valley, MN 2007.

Seat Belt, Shoulder Strap, Headrest and Airbag Induced Injuries. Auto Collision Injuries, Center For Diagnostic Imaging, St. Louis Park, MN 2005.

Low Impact Collision Neurologic Injuries. Auto Collision Injuries, Center For Diagnostic Imaging, Center For Diagnostic Imaging, St. Louis Park, MN 2005.

Low Impact Collision Injuries, Auto Collision Injuries, Center For Diagnostic Imaging, St. Louis Park, MN 2004.

Trauma and non-trauma induced conditions of the spinal cord. Stenosis, Anterior and Central and Posterior Cervical Cord Syndrome Post Trauma, Auto Collision Injuries, Center For Diagnostic Imaging, St. Louis Park, MN 2003.

Permanent Concussion Syndrome. Post trauma headaches, forehead headaches, post trauma migraines, irritations of vertebral artery and internal carotid artery, Auto Collision Injuries II, Center For Diagnostic Imaging, St. Louis Park, MN 2003.

Low Back and Cervical Pain. National University of Health Sciences, Lombard, IL 2002.

Botanical Medicine. National University of Health Sciences, Lombard, IL 2002.

Spinal Trauma Imaging. National University of Health Sciences, Lombard, IL 2002.

HIV AIDS, National University of Health Sciences, Lombard, IL 2002.

Imitators of Disc Herniations. Health Medical PA – Open MRI, 2001.

Protecting Mental Functioning and Healing the Injured Brain.
Nutritional Dynamics, 2001.

MRI Diagnosis of Soft Tissue Injuries. Advanced Imaging MRI of Minnesota, 2001.

SELECTED MEMBERSHIPS

American Academy of Medical Legal Professionals, 2011 – present.

Minnesota Chiropractic Association, 2011 – present.

Academy of Chiropractic, 2010 – present

American Chiropractic Association, 2000 - 2001

SELECTED HONORS AND AWARDS

National Board of Chiropractic Examiners Scholarship, National University of Health Sciences, Lombard, IL 2000.

Bucholtz Scholarship, National University of Health Sciences, Lombard, IL 1999.

Bock Scholarship, University of Health Sciences, Lombard, IL 1998.

National Dean's List, National University of Health Sciences, Lombard, IL 1997, 1998, 1999, 2000.