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#### **SELECTED OCCUPATIONAL HISTORY**

Chiropractor, Albuquerque Accident & Injury Center, PC, Albuquerque, New Mexico, 1994 - Present  
Chiropractor, Downtown Chiropractic, Albuquerque, New Mexico, 1991 – 1994  
Chiropractor, Lehman Chiropractic Center, Albuquerque, New Mexico, 1990 – 1991

#### **EDUCATION and LICENSURE**

Doctorate of Chiropractic, Texas Chiropractic College, Pasadena, Texas, 1989  
Hospital Rotation Program in Neurosurgery in affiliation with University of Texas Health Science Center (UTHSC), Hermann Hospital, Houston, Texas, 1989  
Internship, Texas Chiropractic College Moody Health Center (Outpatient Facility), Pasadena, Texas, 1988-1989  
Doctor of Chiropractic, Licensed in the State of New Mexico, License #1092, 1990 - Present  
Doctor of Chiropractic, Licensed in the State of Texas, License #5228, 1989 - Present  
National Board of Chiropractic Examiners, Part I, 1989  
National Board of Chiropractic Examiners, Part II, 1989  
Baccalaureate of Business Administration, University of Texas at Austin, Austin, Texas, 1977

#### **POST-GRADUATE EDUCATION, CERTIFICATIONS and DIPLOMATES**

Chiropractic Injectable Nutrients Certification Program, *This course is designed to augment the Chiropractic physician's ancillary therapeutic modalities through the application of injectable procedures in which nutritional pharmacotherapeutic substances are clinically administered. Module one presents classroom instruction in laboratory diagnosis of pathology as it relates to the use of injectable nutritional substances, indications and contraindications including areas within risk management, OSHA requirements, and public health concerns.* New Mexico Chiropractic Association, Albuquerque, New Mexico, 2011

Essential Nutritional Components and the Biochemical Origin of Pain, *Considerations of nutritional versus pharmaceutical interventions in acute and chronic inflammatory states and the clinical applications of functional medicine to identify and address hormonal, neurotransmitter, immune system, digestive, absorptive, microbiological, and oxidative/reduction imbalances.* New Mexico Chiropractic Association, Albuquerque, New Mexico, 2011

Low Level Laser & Rehabilitation, *Understanding the fundamentals and characteristics of laser physics and the biological basis of low level laser light therapy. This course demonstrated the implementation of laser as a pain management tool and to achieve treatment goals of stabilization of the injured area, improvement of range of motion, increase muscle strength/endurance/flexibility, and reduction of inflammation.* New Mexico Chiropractic Association, Albuquerque, New Mexico, 2011

Triaging the Trauma and Non-Trauma Patient, *Correlating clinical findings and the patient history in determining the correct course of care in triaging the patient utilizing orthopedic and neurological evaluations in the clinical setting. Understanding the parameters for immediate referrals vs. following the continuum of care to determine the necessity for referrals.* Academy of Chiropractic Post Doctoral Education Division, New York Chiropractic Council, New York State Education Department, Board for Chiropractic, Long Island, NY, 2011

Credentials and Clinically Correlating Causality, *The significance of documentation and credentials in the personal injury field with a focus on clinically correlating causality, bodily injury and persistent functional loss as a sequela.* Academy of Chiropractic Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Long Island, NY, 2011

Pharmacology, Pharmacognosy (Herbal Medicine), Clinical Natural Medicine and Toxicology, *Modules 1-4 provides the student with the knowledge and understanding of the mechanisms of action, uses and toxicities related to the drugs in all categories of the Pharmacopoeia. An overview of all the drugs is presented with special emphasis placed on the common drugs, botanical medicines, homeopathic substances and nutritional supplements recommended for patients in clinical practice. For each drug and group of drugs the following concepts of Pharmacotherapeutics will be addressed: 1. Mechanism of Drug Action, 2. Indications and contraindications, 3. Use and Duration of treatment, 4. Dose and Dosage Forms, 5. Side effects and Clinical Problem, 6. List of Prototypical Drugs, 7. Pharmacokinetics, 8. Pharmacodynamics. The major goal of these modules is to provide a foundation for evidence-based Pharmacological applications in clinical practice and thereby understand the mechanism of action and use of drugs, identify and appreciate the toxicities of drugs used by the patient, appreciate the interactions of drugs with other physical/biochemical modalities, understand which nutrients are depleted by drugs, incorporate nutritional biochemistry in relation to disease, and apply this knowledge in practice where appropriate and legal. Module 1 Session one covers: 1. Drug ID Guide, 2. Pharmacology and its divisions, 3. Pharmacology Introduction, 4. Drug Development, 5. Pharmacokinetics, 6. Pharmacodynamics, 7. Autonomic Nervous System, 8. Central Nervous System. Session two covers: 1. Cardiovascular System, 2. Cytokine System (Antihistamine, Anti inflammatory), 3. Gastrointestinal System, 4. Respiratory System, 5. Musculoskeletal System, 6. Blood Forming elements. Session three covers: 1. Dermatological, 2. Hormones, 3. Antimicrobial, 4. Emergency Drugs. Module 2 covers: 1. Protocols for clinical nutrition, 2. Review of nutrition and basic pathways of inflammation, 3. Macronutrients, 4. Micronutrients, 5. Chelation therapy, 6. Glandular products, 7. Protomorphogens, 8. Therapeutics enzymes, 9. Natural substances, 10. Functional medicine, 11. Detoxification protocols, 12. Sports nutrition, 13. Inflammatory nutritional status and protocols. Module 3 covers: 1. Background and principles of herbal pharmacy, 2. Phytochemicals and health, 3. Descriptions and definitions, 4. Plant constituents, 5. Herbal therapeutics systems, 6. Individual botanicals (Materia Medica), 7. Botanicals used in Western societies, 8. Extraction and purification techniques, 9. Drug/botanical/nutrient interactions and contraindications, 10. Treatment and safety. Module 4 covers: 1. Types of adverse drug effects, 2. Types of botanical medicine adverse effects, 3. Allergic entities and types of allergy, 4. Intolerance to foods and other substances, 5. General treatment of toxicities, 6. Idiosyncrasy, 7. Specific antidotal mechanisms, 8. Tolerance and substance abuse, 9. Incidence related to route of administration, 10. Drug interactions, 11. Clinical negative untoward action of prototypical drugs, 12. Organ system dysfunction as an effect of drug action, 13. Functional medicine, 14. Detoxification protocols. National University of Health Sciences, Daniel L. Richardson, B.S., M.S., Ph.D., New Mexico Chiropractic Association, Albuquerque, New Mexico, 2010-2011*

MRI Normal Anatomy & Protocols, *Spinal anatomy of all MRI views utilizing T1, T2, 3D Gradient, stacking and STIR sequences of imaging. Advanced protocols of MRI examination with multiple sequences to create concurrent diagnostic findings.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Robert Peyster MD, DABR-NR, Neuroradiologist, Ronkonkoma, NY, 2009

MRI Disc & Spinal Cord and Spinal Canal Pathology, *MRI interpretation of spinal disc pathologies as a result of trauma and degenerative factors and resultant neurological compromise. Spinal Cord and Spinal canal pathologies and space occupying lesion interpretation.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Robert Peyster MD, DABR-NR, Neuroradiologist, Ronkonkoma, NY, 2009

Accident Reconstruction and Ensuing Bodily Injury, *Understanding the forces involved in crashes and the transference of those forces from the bullet car to the target car. Quantifying those forces to determine bodily injury and calculating speed, distance, time and drag factors in determining causality and direction of forces.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Board for Chiropractic, Ronkonkoma, NY, 2009

Neuromusculoskeletal Rehabilitation Utilizing Pettibon Rehabilitation Techniques, *Extensive review of diagnosis, prognosis and advanced protocols for restoring function to impaired ligaments, discs and joints.* Palmer College of Chiropractic, Albuquerque, New Mexico, 2009

Coding and Documentation of Biomechanics, *An in depth understanding of the proper use of Current Procedural Terminology (CPT), implementing compliance program in accordance with recommendation of the federal government, examination and documentation standards with the healthcare profession and determining rationale for patient care.* New Mexico Chiropractic Association, Albuquerque, New Mexico, 2009

MRI Interpretation of Spinal Cord, Spinal Disc and Spinal Canal Disorders, *MRI interpretation of herniated, protruded, extruded, bulged and sequestered discs & spinal stenosis as sequelae of ligamentous hypertrophy, congenital malformation, spinal cord pathology. Clinical necessity and contraindications.* Robert Peyster M.D., DABR, CAQ-NR, Neuroradiologist, CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Long Island, New York, 2009

AMA Guides to the Evaluation of Permanent Impairment 6<sup>th</sup> Edition, *Clinically coordinating spinal pathology with neurological and functional sequelae including station & gait, migraines, sexual dysfunction, sleep & arousal disorders, paroxysmal disorders, radiculopathic disorders and central nervous system disorders.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Long Island, New York, 2009

MRI Interpretation of Herniated Disc and Spinal Cord and Root Encroachment, *MRI interpretation of herniated, protruded, extruded, bulged and sequestered discs and their relationship to the spinal cord and spinal nerve roots and the clinical correlation to spinal adjustments, manual spinal therapy and joint mobilization.* Magdy Shady M.D., Neurosurgeon, Neuro-Trauma Surgery, CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Long Island, New York, 2009

Diplomate, American Academy of Medical Legal Professionals, 2008

Impairment Rating Certification, *The understanding and utilization of the protocols and parameters of the AMA Guides to the Evaluation of Permanent Impairment 6<sup>th</sup> Edition. Spine, neurological sequelae, migraine, sexual dysfunction, sleep and arousal disorders, station and gait disorders, and consciousness are detailed for impairment rating. Herniated discs, radiculopathy, fracture, dislocation and functional loss are also detailed in relation to impairment ratings.* CMCS Post Doctoral Division, New York Chiropractic Council, New York State Department of Education, Long Island, New York, 2008

Expert Witness Testimony Skills, *A wide-ranging understanding of deposition dynamics, Federal Rules of Civil Procedure, discovery, expert witness deposition preparation techniques, and expert witness testimony.* Division of Postgraduate Studies, Texas Chiropractic College, Pasadena, Texas, 2008

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, 2008

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, 2008

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, 2008

MRI, Bone Scan & 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 Management Post Doctoral Division, New York Chiropractic Council, New York State Education Department Board for Chiropractic, Long Island, New York, 2008

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, New York, 2008

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, 2008

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, New York, 2008

Diagnostic Imaging & Testing Interpretation and Protocols, *MRI protocols and interpretation, CT scan protocols and interpretation, x-ray trauma series protocols and interpretation, bone scan protocols and interpretation, EMG/NCV protocols and utilization and International Classification of Disease trauma coding.* CMCS Management Post Doctoral Education Division, New York Chiropractic Council, Long Island, New York, 2007

Neuromusculoskeletal Rehabilitation utilizing Pettibon Rehabilitation Techniques, *Diagnosis, prognosis and advanced protocols for restoring function to impaired ligaments, discs and joints.* Palmer College of Chiropractic, Denver, Colorado, 2006

Neuromusculoskeletal Rehabilitation utilizing Pettibon Rehabilitation Techniques, *Essentials of diagnosis, prognosis and protocols for restoring function to impaired ligaments, discs and joints.* Palmer College of Chiropractic, Denver, Colorado, 2005

Spinal Biomechanics and Posture Correction utilizing Pettibon Rehabilitation Techniques, *Basics of x-ray biomechanical diagnosis and essential protocols for restoring function to impaired ligaments, discs and joints.* The Pettibon Institute, Denver, Colorado, 2005

Applied Neurology, *Understanding and application of neurology concepts to the trauma and non-trauma patient.* Logan College of Chiropractic Postgraduate Department, Albuquerque, New Mexico, 2004

The New Era of Whiplash and Spinal Trauma, *In-depth investigation of current research and injury etiology and treatment options and efficacy.* Life Chiropractic College West, Albuquerque, New Mexico, 2003

Applied Neurology Protocols of Low Level Laser Therapy, *Management of common clinical syndromes.* Erchonia, Phoenix, Arizona, 2002

Examination and Treatment of Inflammation, Pain and Spasm, *Understanding the repair process and phases of injured connective tissue healing, application of effective modalities.* United Chiropractors of New Mexico Association, Albuquerque, New Mexico, 2001

Whiplash and Spinal Trauma, *Investigation of the biomechanical etiology of vehicular injury and treatment options and efficacy.* Life Chiropractic College West, Albuquerque, New Mexico, 1999

#### **SELECTED TEACHING/INSTRUCTING/LECTURING/CONSULTING**

Clinical Instructor, **Advanced Imaging in Clinical Practice**, *Reviewing neurological and physical signs demonstrated in both trauma and chronic etiology for triage in the clinical setting in determining the necessity for advanced diagnostic testing.* Academy of Chiropractic Post Doctoral Division, Long Island New York, (Approved by the State University of New York at Buffalo School of Medicine and Biomedical Sciences for AMA Category 1 CE credits) 2010-2011

#### **SELECTED MEMBERSHIPS**

American Academy of Medical Legal Professionals, Member

American Chiropractic Association, Member

New Mexico Chiropractic Association, Member

#### **SELECTED HONORS**

Academic Honors, Texas Chiropractic College, 1989

Omega Psi Honor Society, Member, 1989