

James E. Panaia DC

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SELECTED OCCUPATIONAL HISTORY

Clinic Director, Chiropractor, Panaia Chiropractic of Washington Township, Turnersville, New Jersey 2010-Present

Clinic Director, Chiropractor, Panaia Chiropractic of Vineland, Vineland, New Jersey 1998-Present

Clinic director, Chiropractor, Panaia Chiropractic of Cherry Hill, Cherry Hill, New Jersey, 1998-Present

Chiropractor, Family Chiropractic of Elizabeth, Elizabeth, New Jersey, 1996 – 1998

EDUCATION AND LICENSURE

Doctor of Chiropractic, Licensed in the State of New Jersey, License #MC3800496200, 1996-Present

Doctor of Chiropractic, Licensed in the State of Pennsylvania, License #DC006552L, 1996-present

Doctorate of Chiropractic, Life Chiropractic College, Marietta, Georgia, 1996

National Board of Chiropractic Examiners, Part I, 1996

National Board of Chiropractic Examiners, Part II, 1996

National Board of Chiropractic Examiners, Part III, 1996

National Board of Chiropractic Examiners, Physiotherapy, 1996

Undergraduate Studies in Biology, University of Pittsburgh, Pittsburgh, Pennsylvania, 1989-1992

SELECTED POST-GRADUATE EDUCATION, CERTIFICATIONS AND DIPLOMATES

Certification in MRI Interpretation, New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences, Academy of Chiropractic Post Doctoral Division, Buffalo, NY, 2013

MRI Protocols Clinical Necessity, MRI slices, views, T1, T2, STIR axial, stacking, FFE, FSE and sagittal images. Clinical indication for the utilization of MRI and pathologies of disc in both trauma and non-trauma sequelae, including bulge, herniation, protrusion, extrusion and sequestration., New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences, Academy of Chiropractic Post Doctoral Division, Long Island, NY, 2013

MRI Interpretation of Cervical Herniations, MRI slices, views, T1, T2, STIR Axial, FFE, FSE and sagittal images in the interpretation of lumbar herniations. With the co-morbidities and complications of stenosis, pseudo-protrusions, cantilevered vertebrate, Schmorl's nodes and herniations. morphology of lumbar disc pathologies of central and lateral herniations, protrusions, extrusions, sequestration, focal and broad based herniations are defined and illustrated. Spinal cord and canal compromise interpretation with management. New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences, Academy of Chiropractic Post Doctoral Division, Long Island, NY, 2013

MRI Interpretation of Lumbar Herniations, MRI slices, views, T1, T2, STIR axial, stacking, FFE, FSE and sagittal images in the interpretation of lumbar herniations. With the co-morbidities and complications of stenosis, pseudo-protrusions, cantilevered vertebrate, Schmorl's nodes and herniations. Morphology of lumbar disc pathologies of central and lateral herniations, protrusions, extrusions, sequestration, focal and broad based herniations are defined and illustrated. Central canal and cauda equina compromise interpretation with management. New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences, Academy of Chiropractic Post Doctoral Division, Long Island, NY, 2013

MRI Interpretation of Cervical Degeneration/Bulges, MRI slices, views, T1, T2, STIR axial, stacking, FFE, FSE and sagittal images in the interpretation of lumbar degeneration. With the co-morbidities and complications of stenosis, pseudo-protrusions, cantilevered vertebrate, Schmorl's nodes and herniations. Spinal cord and canal compromise interpretation with management. New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences, Academy of Chiropractic Post Doctoral Division, Long Island, NY, 2013

MRI Interpretation of Cervical Herniations, *MRI slices, views, T1, T2, STIR Axial, FFE, FSE and sagittal images in the interpretation of lumbar herniations. With the comorbidities and complications of stenosis, pseudo-protrusions, cantilevered vertebrate, Schmorl's nodes and herniations. morphology of lumbar disc pathologies of central and lateral herniations, protrusions, extrusions, sequestration, focal and broad based herniations are defined and illustrated. Spinal cord and canal compromise interpretation with management.* New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences, Academy of Chiropractic Post Doctoral Division, Long Island, NY, 2013

MRI Interpretation of Degenerative Spine and Disc Disease with Overlapping Traumatic Insult to Both Spine and Disc, *MRI slices, views, T1, T2, STIR Axial, FFE, FSE and sagittal images in the interpretation of degenerative spondylothesis, spinal canal stenosis, Modic type 3 changes, central herniations, extrusions, compressions, nerve root compressions, advanced spurring and thecal sac involvement from an orthopedic, emergency room, chiropractic, neurological, neurosurgical, physical medicine perspective.* New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences, Academy of Chiropractic Post Doctoral Division, Long Island, NY, 2013

MRI Spine and Disc Pathology, *MRI interpretation of bulged, herniated, protruded, extruded and sequestered disc pathologies in etiology and neurological sequella in relationship to the spinal cord and spinal nerve roots. Utilization of MRI sequencing to maximize visualization of pathology in the trauma and non-trauma patient,* Academy of Chiropractic Post-Doctoral Division, New Jersey Office of Attorney General, Division of Consumers Affairs, State Board of Chiropractic, Princeton, NJ, 2013

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.* New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences, Academy of Chiropractic Post Doctoral Division, Buffalo, NY, 2012

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.* New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences and Academy of Chiropractic Post Doctoral Division, Buffalo, NY, 2012

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.* New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of

Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences and Academy of Chiropractic Post Doctoral Division, Buffalo, NY, 2012

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. . New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences and Academy of Chiropractic Post Doctoral Division, Buffalo, NY, 2012

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. New York Chiropractic Council, New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences and Academy of Chiropractic Post Doctoral Division, Buffalo, NY, 2012

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. New Jersey Office of Attorney General, Division of Consumer Affairs, State Board of Chiropractic, ACCME Joint Sponsorship with the State University of New York at Buffalo, School of Medicine and Biomedical Sciences and Academy of Chiropractic Post Doctoral Division, Buffalo, NY, 2012

Manipulation Under Anesthesia, Certification in Manipulation Under Anesthesia, Texas Chiropractic College, Pasadena, Texas, 2010

Interpreting Spinal Trauma with MRI, New York Chiropractic College, Levittown, NY 2008

Whiplash Traumatology and Brain Injury, *Med-legal Issues*, Spine Research Institute of San Diego 2004

Whiplash Traumatology and Brain Injury, *Overview*, Spine Research Institute of San Diego, 2002

Whiplash Traumatology and Brain Injury, *Accident Reconstruction. . An in-depth analysis of brain, neck, and cervical spine trauma mechanisms and underlying pathology.*, Spine Research Institute of San Diego, 2001

Whiplash Traumatology and Brain Injury, *Whiplash Diagnosis*, Spine Research Institute of San Diego, 2001

MRI Application., *Diagnostic Imaging of the Upper and Lower Extremities*, Philadelphia, Pennsylvania, 2000 Terry Yochum, D.C., D.A.C.B.R

MRI Application.: *Clinical Applications of MRI: A Chiropractic Perspective* Philadelphia, Pennsylvania 1999 Terry Yochum, D.C., D.A.C.B.R

MRI Application.: *Musculoskeletal Applications of MRI: A Chiropractic Perspective*, Philadelphia, Pennsylvania 1998 Terry Yochum, D.C., D.A.C.B.R

SELECTED MEMBERSHIPS

Academy of Chiropractic, Member, 2012-present

Association of New Jersey Chiropractors, member, 2006 – present

American Chiropractic Association, 2004-present