

Susan L. Vlasuk, DC, DACBR, PhD

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Diplomate, American Chiropractic Board of Radiology

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Seminars, tips, and info at www.drvxray.com

SUSAN L. VLASUK, DC, DACBR
CURRICULUM VITAE January 2017

PROFESSIONAL EDUCATION

- **National College of Chiropractic** (now National University of Health Sciences), Lombard, IL.
 - Degree: Doctor of Chiropractic, *cum laude*, 1970
- **Western States Chiropractic College**, Portland, OR.
 - Postgraduate Radiology, CCE-approved syllabus program, 300 classroom hours, 1976 through 1980
 - 2-year preceptorship with Chairperson, Department of Radiology 1980-1981
- **Western States Chiropractic College**, Clinical Nutrition, 72 hours, 1979 through 1982
- **National College of Chiropractic**, Impairment Rating, 105 hours, 1980 through 1982
- **Postgraduate educational symposia**
Approximately 8000 continuing education hours in subjects of examination and diagnostic procedures, chiropractic, and diagnostic imaging.

EXAMINATIONS AND CERTIFICATIONS

- National Board of Chiropractic Examiners
 - Basic Science 1968 Clinical Subjects 1969
- Iowa Basic Science certificate 1968
- Diplomate, American Chiropractic Board of Radiology, June 1981

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PROFESSIONAL LICENSURE

- License by examination in Washington, current

PRACTICE

- Private practice - specialty in diagnostic imaging, providing radiographic and consulting services, 1979-present
- Owner, Neuro-Musculo-Skeletal Analysis Center, 1983-2002
 - practice name change in 2002 to *Susan L. Vlasuk, DC, DACBR, PS*, 2002-present
- Washington State Labor and Industries Chiropractic Radiology Consultant, November 1981 to present
- Shorewood Osteopathic Hospital, member, Chiropractic Service, 1984-1987.
- Private practice - general chiropractic practice, Bellevue, WA, 1970-1982

TEACHING

CURRENT ADJUNCT FACULTY APPOINTMENT IN RADIOLOGY

- Bastyr University, Naturopathic Medicine program - 1997 to present

Courses presented:

- **Fundamentals of Diagnostic Imaging**
 - Understanding radiography
 - Radiation Safety
 - Radiography of the Chest and Abdomen
 - Radiography of the Extremities and Spine
 - Fluoroscopy, DXA, Mammography, Infrared Imaging
 - Endoscopy, Contrast Studies
 - CT
 - MRI
 - Ultrasound and Nuclear Imaging
 - Legal Issues Germane to Imaging, Justification, Malpractice Issues
- **Imaging of Orthopedic Disorders**
 - Cervical Spine
 - Thoracic Spine
 - Lumbar Spine
 - Spondylolisthesis
 - Upper Extremities
 - Pelvis and Hip
 - Knee, Ankle, and Foot

cont'd...

- Pediatrics
- Scoliosis
- Tumors and Miscellaneous Skeletal Conditions
- **Imaging for Renal Disorders**
 - Imaging Methods for Renal Disorders
 - Chronic Renal Disease
 - Dialysis
 - Renal Transplant
 - Kidney Stones
 - Acute Kidney Disease, Renal Trauma
- **Imaging for the Nervous System**
 - Functional Brain Imaging
 - Dementias
 - Headache
 - Stroke and Other Vascular Issues
 - Traumatic Brain Injury
 - Seizure
 - Demyelinating Disorders
 - Pain
 - Intracranial Infection
 - Intracranial Tumors
- **Imaging for Endocrine Disorders**
 - Brain Imaging Introduction
 - Hypothalamus, Pituitary, Pineal Imaging
 - Thyroid Imaging
 - Parathyroid Imaging
 - Male Imaging
 - Adrenal Imaging
 - Pancreas Imaging
 - Osteoporosis
- **Imaging for Cardiovascular Disorders**
 - Chest Radiography for Cardiac Considerations
 - Other Imaging Methods for Cardiovascular Disorders
 - Arrhythmias
 - Peripheral Vascular Disorders
 - Coronary Artery Disease and Angina
 - Valvular Disorders, Pericardial Disorders
 - Myocardial Infarction
 - Heart Failure
 - Cardiomyopathies
 - Aortic Disorders
- **Imaging for Respiratory Disorders**
 - Chest Radiography for Respiratory Considerations
 - Other Imaging Methods for Respiratory Disorders
 - Airway Disease and COPD
 - Inhalation Disorders
 - Pulmonary Infections
 - Lung Tumors
 - Pulmonary Circulatory Disorders
 - Pleural Disorders

- **Imaging for Digestive Disorders**
 - Esophagus, Hiatal Hernia
 - Stomach
 - Small Intestine
 - Liver and Gall Bladder
 - Large Intestine
- **Imaging for Rheumatological Disorders**
 - Joint Infections, Peripheral
 - Infection, Spine
 - Crystal Arthropathies
 - Degenerative Joint Disease, Peripheral
 - Degenerative Spinal Disease
 - Ankylosing Spondylitis, Psoriatic Arthritis, Reactive Arthritis, Enteropathic Arthritis
 - Rheumatoid Arthritis, Peripheral
 - Rheumatoid Arthritis, Spine
 - SLE (Lupus), Scleroderma, Sjögren's
 - Vasculitic Diseases

PAST POSTGRADUATE CHIROPRACTIC COLLEGE FACULTY APPOINTMENTS

- Canadian Memorial Chiropractic College
- Cleveland Chiropractic College - Kansas City
- Cleveland Chiropractic College - Los Angeles
- Los Angeles College of Chiropractic (now Southern California University of Health Sciences)
- National University of Health Sciences
- Palmer College of Chiropractic
- Parker College of Chiropractic
- Texas Chiropractic College
- Western States Chiropractic College

RADIOLOGY COURSES PRESENTED

- Radiography: Overview of Radiation Physics, Procedures, and Patient Positioning
- Essentials of X-Ray Interpretation
- Radiographic Technique Chart Formulation
- Osseous Embryology, Normal Radiographic Anatomy, Congenital Anomalies, and Normal Variants of the Spine and Pelvis
- Osseous Dysplasias, Nutritional and Metabolic Disorders of Bone
- Biomechanics, Subluxation, and Spinographic Analysis of the Spine and Pelvis
- Tumors, Tumor-like Conditions, and Metastasis Affecting the Osseous System
- Osteomyelitis, Paget's Disease, Vascular Abnormalities, and Other Miscellaneous Conditions of Bone
- Soft Tissue Disorders Visible on Bone Radiographs
- Radiologic Evaluation of Chest Disease, Airway and Interstitial Disease, Infectious Diseases of the Lungs,
- Tumors of the Lungs and Bronchi; Chest Diseases of Occupational, Chemical and Physical Origin; Pulmonary Circulatory Conditions; The Pleura, Mediastinum, and Diaphragm; Cardiovascular Radiologic Report Writing
- Gastrointestinal and Urinary X-Ray
- Skull, Sinuses, and Mastoids
- Template Acetate Overlay Analysis of Intersegmental Motion in the Cervical and Lumbar spine

- Evaluation of Upper Cervical Ligamentous Integrity - The 3-View AP Open-Mouth Study
- Extraspinal Findings on Thoracic Spine Radiographs
- Extraspinal Findings on Lumbar Spine Radiographs
- The Spine: Trauma, Spondylolisthesis, Disc Disease, Arthritides
- Documentation of Cervical Spine Injury
- Documentation of Lumbar Spine Injury
- Autonomic Syndromes
- Alternate Imaging Procedures (CT, MRI, myelography, ultrasound, bone scan, etc)
- Malpractice and Informed Consent
- Shortcuts to Better X-Ray Diagnosis - exercises in search pattern and report writing
- X-Ray Protocols in Chiropractic Practice
- Introductory Radiographic Technique for Paraprofessionals (48-hours)
- Radiographing the Child
- Radiographing the Elderly
- The Appendicular Skeleton (upper and lower extremities): radiographic procedures, patient positioning, normal radiographic anatomy, trauma, arthritides, and other conditions
- Scoliosis
- Challenge of the "Unknowns" - exercises in search pattern and report writing - new edition every year
- Time and Trauma - the effects of aging and injury on the spine and other joints
- Headache and Autonomic Disorders
- Cervicothoracic Complaints
- Radiography and Radiology of the Skeleton
- Radiography and Radiology of the Chest
- Radiography and Radiology of the Abdomen
- Back to Basics - Radiology of the Cervical Spine, Radiology of the Lumbar Spine
- Medico-Legal Update for Diagnostic Imaging
- Alternate Imaging: What Test to Order When
- Improving X-Ray Quality
- Understanding and Avoiding Radiographic Artifacts
- Understanding and Avoiding Radiographic Distortion
- Radiographing the Lower Extremity
- Radiographing the Upper Extremity
- Radiation Safety
- Radiology Equipment and Procedures
- Anatomy and Physiology
- Radiographing the Difficult Case
- Upper Cervical Spine and Headache
- Scoliosis
- Technical Problems That Can Inhibit Accurate Radiologic Diagnosis
- Radiating Arm Pain
- Radiating Leg Pain
- Digital Radiography

ONLINE CONTINUING EDUCATION COURSES PRESENTED (www.chirocontinuinged.com)

- The “4 Biggies” of X-Ray Quality
 - Radiographic Density
 - Scale of Contrast
 - Radiographic Definition
 - Distortion
- Radiation Safety
 - Part 1
 - Part 2
 - Part 3
 - Part 4
- MRI
 - Fundamentals
 - Spine Applications
 - Non-Spinal Applications
- Radiology Search and Rescue (Interpreting and Reporting Radiologic Findings)
 - 1 Spine
 - 2a Extraspinal Thorax/Chest 1 - radiography, search pattern, variants
 - 2b Chest 2 - radiologic interpretation of abnormalities
 - 3 Extraspinal Lumbar/Abdomen
 - 4a Upper Extremity - radiography, normal radiographic anatomy, variants
 - 4b Upper Extremity Shoulder - radiologic interpretation of abnormalities
 - 4c Upper Extremity Elbow, Wrist, Hand - radiologic interpretation of abnormalities
 - 5a Lower Extremity Hip - radiography, normal radiographic anatomy, variants
 - 5b Lower Extremity Knee, Ankle, Foot - radiography, normal radiographic anatomy, variants
 - 5c Lower Extremity Hip - radiologic interpretation of abnormalities 1 of 2
 - 5d Lower Extremity Hip - radiologic interpretation of abnormalities 2 of 2
 - 5e Lower Extremity Knee - radiologic interpretation of abnormalities
 - 5f Lower Extremity Ankle, Foot - radiologic interpretation of abnormalities
 - 6 Radiology Risk Management - Imaging Standards
- Digital Radiography Decision Making

RETAINED BY MULTIPLE ORGANIZATIONS AS EDUCATOR, INCLUDING:

- Washington Chiropractic Association
- ACA Council on Diagnostic Imaging (Council on Diagnostic Imaging)
- American Chiropractic College of Radiology
- Oregon Association of Chiropractic Physicians
- Washington Trial Lawyers Association
- Washington Defense Trial Lawyers Association
- Idaho Association of Chiropractic Physicians
- Idaho Association of Chiropractic Assistants
- Utah Chiropractic Association
- ACA Council on Chiropractic Orthopedics
- Washington State Trial Lawyers Association
- Alaska Association of Chiropractic Assistants
- Louisiana Union of Chiropractic Physicians

- Florida Chiropractic Association
- Chiropractic Rehabilitation Association
- North Carolina Chiropractic Association
- Department of Labor and Industries, State of WA
- American Herschel Society
- Kansas Chiropractic Association
- Alaska Chiropractic Society
- Washington Association of Naturopathic Physicians

RETAINED BY MULTIPLE ORGANIZATIONS FOR X-RAY QUALITY ASSESSMENT:

- WA Department of Labor and Industries (under current contract for continued services)
- WA Chiropractic Quality Assurance Commission
- WA Department of Health
- Medical Management Online
- Various insurance companies

MEMBERSHIPS

GENERAL PROFESSIONAL MEMBERSHIPS

- **American Chiropractic Association**, 1971 to present
 - WA State Delegate to the ACA House of Delegates, 1982 to 1994
 - WA State Alternate to the ACA House of Delegates, 1994 to 2000
- **Washington Chiropractic Association**, 1970 to 1991
 - Chairman of the Board 1984-1985; 1986-1987
 - President, 1983-1984
 - First Vice President 1982-1983
 - Executive Board Member 1979-1982, 1985 to 1987
 - Diagnostic Imaging Chairperson 1978 to 1991
 - Professional Education Chairperson 1978-1982
- **Washington State Chiropractic Association**, 1991 to 2006

RADIOLOGY MEMBERSHIPS

- American Chiropractic College of Radiology, 1981 to present
- ACA Council on Diagnostic Imaging), 1979 to present
- Radiologic Health Committee, ACA, Washington State Representative, 1979 to present
- Chairman, ACA Radiological Advisory Committee, 1999-2000
- Radiation Advisory Committee, WA State Dept of Social & Health Services, 1979-1983
- American Chiropractic Registry of Radiologic Technologists, President, 1982-1985
- Joint Commission on Education for the Chiropractic Radiologic Technologist, 1982 to 1984

AWARDS/HONORS

- WCA Distinguished Service Award (Chiropractor of the Year) 1981-82
- WCA Chiropractor of the Year 1983-84
- Fellow, International College of Chiropractic, 1985
- Multiple Service Awards:
 - WCA Outstanding Service Award for work in postgraduate education 1977-78
 - WCA Executive Board Award for work in postgraduate education and radiologic health 1978-79
 - WCA President's Award for work in postgraduate education and radiologic health 1980-81
 - ACA Meritorious Service Award for work with American Chiropractic Registry of Radiologic Technologists, 1982-83
 - WCA Service Award for work in diagnostic imaging, 1985 & 1986

PUBLICATIONS

- Relative X-Ray Exposure Levels, *Clinical Journal*, Washington Chiropractic Assn., Jan 1984
- The Ten-Day Rule, *Wavelengths*, American Chiropractic Registry of Radiologic Technologists, Vol. III, No. 4 September-October 1984
- I Wish I Could Interpret, *Wavelengths*, American Chiropractic Registry of Radiologic Technologists, Vol. IV. No. 1, January-March 1985
- Radiation Exposures, Part I, *Wavelengths*, American Chiropractic Registry of Radiologic Technologists, Vol. IV, No. 2, April-May 1985
- Radiation Exposures, Part II, *Wavelengths*, American Chiropractic Registry of Radiologic Technologists, Vol. IV, No. 3, June-August 1985
- The Chiropractic Consultant, *Journal of Chiropractic*, American Chiropractic Association, August 1986, pg 47
- Thoracic Spine Films: Four Suggestions for Improved Quality, *WCA Association Report*, Washington Chiropractic Association, Spring 1988
- How to Produce Better Lumbar Spine Follow-up Films, *The Focal Spot*, ACA Council on Diagnostic Imaging, Vol. 5, No. 1, July 1988
- Diagnostic Imaging Procedures for the Chiropractic Profession, In: Hansen DT (ed), *Chiropractic Standards of Practice and Utilization Guidelines in the Care and Treatment Of Injured Workers*, Chiropractic Advisory Committee, State of Washington Department of Labor and Industries, September 1988:28-33
- *Introductory Radiographic Technique*, [manual], private publication, November 1989
- Is Routine Mammography a Good Idea?, *The Focal Spot*, ACA Council on Diagnostic Imaging, October 1990
- How to Cut Expenses on Doctors' Reports, *Trial News*, 1992, Vol 27, No 6, p11
- How to X-Ray Those Big Patients, *Wavelengths*, American Chiropractic Registry of Radiologic Technologists, 1993; Vol XIII, No 3, p1
- Chiropractic Treatment for Acute Low Back Pain, *Alternative Medicine*, Vol 1, Issue 2, Sep 1997, Integrative Medicine Task Force of Evergreen Community Health Care, Evergreen Hospital Medical Center.
- *Radiographic Interpretation I*, [manual for naturopathic physicians], private publication, September 1999.
- Providing Justification for Imaging, *Colorado Chiropractic Association CCA Update*, Vol 10, No 3, March 2000, p14.
- Can You Take X-Rays for Another Doctor?, *WSCA Plexus*, Oct/Nov 2003, p14-15.

- Staff Training for Taking X-Rays and Other Duties, *WSCA Plexus*, Jan/Feb 2005, p23
- Soft Tissue Injuries of the Cervical Spine: Common Documentation Errors, *Trial News*, Feb 2006, Vol 41, No 6, p13-14.

REFERENCED INTERPROFESSIONAL PRESENTATIONS

- *The Chiropractic Profession*, University of Washington, Department of Medical History and Ethics, Alternative Approaches to Healing, MHE 501 (core curriculum credit class), each Fall quarter 1989-1999.
- *The Chiropractic Profession*, Standards of Practice, Blue Cross of WA, January 1996.
- *Safety of Chiropractic Manipulation* (relative to stroke), Eastside Spine Interest Group, 5-6-96.
- *Chiropractic Manipulation of the Spine*, Eastside Spine Interest Group, 2-10-97.
- *The Chiropractic Profession*, Evergreen Hospital Medical Center Integrative Health Care Task Force, 8-27-97.
- *Chiropractic Treatment for Acute Low Back Pain*, Evergreen Hospital Medical Center CME event, 12-4-97.