

# **Randy E. Moore, DC, RDMS, RMSK**

## **CURRICULUM VITAE**

### **PERSONAL**

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DOB: 11-25-55 Ft. Worth, Texas      Married - Rosanne Moore, four children

### **EDUCATION:**

1980-1982 St. Ambrose College, Davenport, Iowa,  
Undergraduate Studies  
Prerequisite to Admission to Chiropractic College

1982-1986 Palmer College of Chiropractic Davenport, Iowa  
Graduated with Doctor of Chiropractic Degree October 3, 1986

### **CERTIFICATIONS:**

1986 Diplomate of the National Board of Chiropractic Examiners  
1986 Radiologic Physics and Technique, Palmer College of Chiropractic  
1986 Evaluation and Treatment of Extremities, Palmer College of Chiropractic  
1993 Neurosonology, Burwin Institute of Diagnostic Medical Ultrasound  
1993 Ultrasound Physics and Instrumentation by the American Registry of Diagnostic Medical Sonographers (ARDMS)  
1994 Registered Diagnostic Medical Sonographer  
1994 Neurosonography  
2012 RMSK: American Registry of Diagnostic Medical Sonographers  
2018 CMA: Certified Medical Assistant



## **LICENSES:**

Registered Diagnostic Medical Sonographer # 39420

State of Ohio # 1285, 1987 (chiropractic)

State of New York # XOO4969 ,1987 (chiropractic)

## **POST GRADUATE STUDIES:**

- 1) Neonatal Neurosonography, Ohio State University
- 2) Neurosonology Fellowship, Thomas Jefferson University, Philadelphia, PA
- 3) Pediatric Neurosonology, Thomas Jefferson University, Philadelphia, PA
- 4) *Rotator Cuff Sonography: A Step Ahead of MRI, Extended Study*  
Journal Ultrasound in Medicine
- 5) *Ultrasound Artifacts*, Society of Diagnostic Medical Sonographers National Convention, Nashville, TN 1994
- 6) *Practical Aspects of Musculo-Skeletal Ultrasonography*, Society of Diagnostic Medical Sonographers National Convention, Denver CO, 1995
- 7) *Whiplash and Spinal Trauma*, Daniel J. Murphy, D.C. D.A.C.B.O.  
Life Chiropractic College 1988, 1990, 1991, 1993, 1994
- 8) *Evaluation of Lumbar Pain*, Dr. Douglas Cox, D.C., M.S. 1988  
Gonstead Chiropractic Research Foundation

## **PUBLICATIONS, PRESENTATIONS, RESEARCH, ARTICLES**

### **Teaching and Presentations**

**Gulf Coast Ultrasound Institute**, Introduction to Musculoskeletal Ultrasound

April 12-13, 2007 to September 6-7, 2007

April 3-4, 2008 September 5-6 2008.

**Faculty for Gulf Coast Ultrasound Institute**, MSK Introductory and Advanced MSK courses  
2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016

**Live Webinar** Gulf Coast Ultrasound Institute: Sonography of Hip and Spine  
April 3, 2008. Revised 2010.

**Live Webinar:** Gulf Coast Ultrasound Institute, MSK Registry Review  
January 2013, 2014, 2015, 2016

**Online MSK Ultrasound Course** (upper and lower extremity): Gulf Coast Ultrasound Institute, 2013

**National Rehabilitation Hospital**, PM&R Resident Program, 2010

**National Institute of Health**, Rheumatology Department, Washington, DC  
2009, 2010, 2011, 2012, 2013, 2014, 2015

**University of California, San Diego Hemophilia and Thrombosis Treatment Center.**

Developed, Validated and Copyrighted J.A.D.E Protocol (Quantification of joint status in post-hemophilic bleeds)

2013 to Present

**Lead Faculty**, Musculoskeletal Ultrasound Program, South Piedmont Community College, NC.  
First accredited MSK program in USA.  
2016-2018

**University of Dayton**, Doctor of Physical Therapy program. Present MSK to graduating class.  
2010 to Present

**Tulane University Hemophilia Thrombosis Treatment Center**, MSK Scan Technique Workshop and Initial Deployment of Ultrasound Guided Procedures at Tulane University  
March 2017

**Tulane University Hemophilia Thrombosis Treatment Center**. MSK Scan Technique Workshop and Continued Advanced Deployment of Ultrasound Guided Procedures at Tulane University  
May 2018

**University of Cincinnati Family Medicine Faculty** (training the trainers): MSK Ultrasound Workshop  
April 4, 2019

**Healeon Medical Corporation**, On-site education for MSK Ultrasound in Regenerative Medicine.

**Esaote North America: Lead instructor**, MSK ultrasound courses  
2012 to 2015.

**Ultrasonix Medical Corporation: Lead instructor** MSK ultrasound courses  
2011-2016

**Hands On Seminars: Lead Faculty**, MSK Workshops specifically tailored for Physical Therapists.  
2012 to present. 6 (six) two-day workshops per year.

## **PUBLICATIONS**

**Musculoskeletal Sonography of the Extremities:** Scanning Protocols for the Shoulder, Elbow, Wrist, Hip, Knee, Foot, and Lumbar Spine.  
1999, revised 2005, revised 2007, revised 2010, revised 2015.  
Translated into Spanish 2010.  
Translated into Korean 2012.

**RMSK Study Guide** (Registered in Musculoskeletal Sonography): 573 pages covering ARDMS certification exam test content.  
2019

**Instructional Videos:** Ultrasound Examination of the Shoulder. Normal and Abnormal Anatomy. Ultrasound Guided Injection Technique.

### **2011: Protocols and Mechanics of Ultrasound Guided Injections,**

*Blind Study: "Comparison of Sonographic Findings in Patients with Previously Diagnosed Back Pain by MRI, EMG, CT, and X-ray, Journal of Clinical Chiropractic, April 1995*  
- Co-authored with Dr. Victor Ibrahim, MD, Associate Professor PM &R National Rehab Hospital, Washington, DC

*"Definition" of Chiropractic: Musculoskeletal Ultrasonography, The Voice, July 1995*

*"Musculoskeletal Ultrasound: A New Dimension in Sports Medicine". RT Image , April 7, 2001  
Volume 14 Number 19*

*"Saving The Shoulder" RT Image July 28, 2003 Volume 16. Number 30*

*Efficacy of Ultrasound Guided Platelet Rich Plasma Injections of the Biceps Tendon in Baseball Pitchers, University of Dayton, Doctor of Physical Therapy Program. 2010*

## **PUBLICATIONS, continued . . .**

*"Inter- and Intra-rater Reliability of Musculoskeletal Diagnostic Ultrasound as a Tool to Locate and Measure the Anterior Talo-Fibular Ligament of the Ankle"*, University of Kentucky, Sports Medicine Research. 2012

*"Musculoskeletal Ultrasound: A Primer for Primary Care"* Feature Article: Practical Pain Management, November, 2012

*"Ligament Injury and Healing: A review of Current Diagnostics and Therapeutics"*, The Open Rehabilitation Journal. 2013,6, 1-20

*"The Learning Curve to Proficiency in Musculoskeletal Sonography"*, University of Dayton, Doctor of Physical Therapy Program, In progress

*Advanced Hemophilic Arthropathy: Sensitivity of Tissue Discrimination with High Resolution Musculoskeletal Ultrasound to Guide Treatment Decisions*, Journal of Thrombosis and Haemostasis, 2016 Aug 3. doi: 10.1111/hae.13057. [Epub ahead of print]

*Efficacy and Safety of Point-Of-Care Ultrasound-guided Intra-articular Corticosteroid Joint Injections in Patients with Hemophilic Arthropathy*. 2015

## **WORKS IN PROGRESS**

2019 Posterior Gluteal (Hip) Decompression Protocol: Looking Beyond Piriformis  
Sonographic Diagnosis and Treatment In Regenerative Medicine

Deep Gluteal Region pain is a much more broad-spectrum entity than what is commonly addressed as Piriformis/ Sciatic pathology. Sciatic Nerve involvement is not necessarily eliminated or even reduced. However; if a more extensive sonographic evaluation is employed with consideration to the multiple fibro-fatty gluteal aponeuroses and fascia, other nerves in the gluteal region (superior and inferior gluteal, obturator), large ligaments, and not forgetting the integrity and substance of gluteal and hip rotator muscles, then a comprehensive, yet targeted treatment rationale, can be employed in advanced or complex cases presenting lumbo-sacral and/or gluteal region pain.

Further consideration of the occurrence/development of substantial fibrous bands which adhere to and, at times, "anchor" the Sciatic Nerve (restricting nerve excursion) in the diagnostic evaluation, adds a unique, and once again, non-surgical benefit.

Sonographically-guided hydro-dissection of fascial, and fibrous echo densities, various nerves, and intra-muscular and intra-ligamentous placement in biocellular/SVF therapy is very likely a unique approach to this pain scenario in regenerative medicine, and any other percutaneous treatment.

## **ONLINE EDUCATIONAL INSTRUCTION**

### **Online MSK Ultrasound Video Curriculum 2017: 30 hours of Instruction**

1. Shoulder Scan Technique Presentation
2. Elbow Scan Technique Presentation
3. Hand/Wrist Scan Technique Presentation
4. Hip Scan Technique Presentation
5. Knee Scan Technique Presentation
6. Foot/ Scan Technique Presentation
7. Lumbar Spine Scan Technique Presentation
8. Upper Extremity Pathology Presentation
9. Lower Extremity Pathology Presentation
10. Ultrasound Guided Injections Presentation

### **Online RMSK Registry Review Test Preparation Video Curriculum 2017: 18 hours of instruction**

1. Shoulder scan technique review, comprehensive pathology review.
2. Elbow scan technique review, comprehensive pathology review.
3. Hand/Wrist scan technique review, comprehensive pathology review.
4. Elbow scan technique review, comprehensive pathology review.
5. Hip scan technique review, comprehensive pathology review (inclusive of hernias and pediatric hips).
6. Knee scan technique review, comprehensive pathology review.
7. Foot/Ankle scan technique review, comprehensive pathology review.
8. Ultrasound Guided Injections: sterile techniques. Current AIUM guidelines. Demonstrate common injection setups
9. Ultrasound Physics Overview

**Blogs: Available to view at <https://mskmasters.com/blog>**

Bone On Bone... or is it?

Prolotherapy and MSK Ultrasound

Adequate Training

What's the Difference??

You Don't' Know What You're Missing!

10,000 Hours

Superman Don't Need No Seatbelt

I've Been Everywhere Man...

Comprehensive and Targeted Biocellular Treatment

UC San Diego Hemophilia Center

Turning the Page... MSK Online Curriculum

Hands on Seminar

Somebody Help!

Your Injection Is No Better Than Your Image: Raising the bar in regenerative medicine

It's Not Your Job to Hunt Pathology

Including Our Physical Therapy Friends

Is It Really Bursitis?

Serial Studies: A Picture Is Worth A 1000 Words

## **PRESENT PURSUITS**

Present pursuits include consulting and training PM&R, Orthopedists, Rheumatologists, Sports Med practitioners, universities, residency programs, sonography programs, physical therapy programs in MSK protocols.

Currently, active in developing and training physicians in musculoskeletal sonography as a vital enhancement in diagnosis and the most beneficial placement of platelet rich plasma and ADSC/ bone marrow stem cells.

**Since 2012** – Active in the clinical development and refinement of ultrasound-guided regenerative medicine protocols for musculoskeletal and orthopedic applications. This work has focused on integrating targeted injection strategies with optimized biocellular therapies to improve patient outcomes through individualized treatment plans.

## **ONSITE MSK TRAININGS**

One and two day onsite training sessions are the norm, but full week sessions or longer are available for residency programs and Sonography schools. One and two day onsite training sessions are always **tailored to fit the individual needs** of the doctors and staff at each facility. Onsite and in-office instruction are available for individual practioners, group practices, residency programs, and sonography programs.

During one day training sessions, attention is focused on diagnostic examination and injection techniques of the areas/articulations a sonographer or a physician sees commonly in their practice. Previous experience or education in MSK Sonography is helpful, but not required.

Two day training sessions allow for more comprehensive training. In these sessions, the full spectrum of MSK Sonography can be addressed. Upper and lower extremity approaches are performed. Spinal and SI joint imaging and injections can be incorporated as well. For more complete staff training, consider having Sonographers, Nurse Practitioners, Physician Assistants, Medical Assistants, and Radiologic Technicians participate in the training. There is no additional fee to include any staff member from the office or facility scheduling the training. Additional fees are applied if staff from a different facility wishes to attend. MSK Masters will be happy to discuss additional attendees on an individual need basis.

## **MSK ULTRASOUND IMAGE INTERPRETING SERVICES**

Interpretation Services act as a sounding board until the doctor or sonographer becomes comfortable with their own findings. MSK Masters provides a “preliminary report” as a standard of practice, and the treating doctor signs off on the report.