## John Cianca, M.D.

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#### **CURRICULUM VITAE**

**Date of Birth:** June 3, 1961

#### **Education:**

### Undergraduate

St. Bonaventure University - New York

August 1979 - May 1983

Concentration: Biology and Philosophy

Bachelor of Science Degree in Biology, Cum Laude, Dean's List

#### Medical School

Albany Medical College - New York

August 1984 - May 1988

Graduation: May 23, 1988 - Medical Doctorate

#### **Internship**

Transitional Internship: Mary Imogene Bassett Hospital Cooperstown, New York June 1988 - June 1989

#### Residency

Physical Medicine and Rehabilitation Residency: Strong Memorial Hospital Rochester, New York, July 1989 - July 1992 Chief Resident, July 1991 - October 1991

#### **Fellowship**

Sports & Performing Arts Fellowship Baylor College of Medicine at TIRR Houston, Texas August 3, 1992 - June 30, 1993

#### **Academic Appointments:**

Adjunct Associate Professor of Physical Medicine & Rehabilitation Baylor College of Medicine July 1, 2004 through present University of Texas Health Science Center July 1, 2016 through present

Associate Professor of Physical Medicine & Rehabilitation Baylor College of Medicine May 1, 2003 Assistant Professor of Physical Medicine & Rehabilitation Baylor College of Medicine July 1, 1993 – April 30, 2003

Para-Preceptor Helms Medical Institute UCLA Medical Acupuncture for Physicians Course Tempe, Arizona May 2003 - 2007

## **Honors/Awards:**

## St. Bonaventure University:

Delta Sigma Epsilon, 1982 President, Men's Intramural Program, 1982 President Emeritus, Men's Intramural Program, 1983

## Albany Medical College:

Vice President of the Class of 1988, 1985-86 Student Council Vice President, 1986-87 Student Council President, 1987-88

## Baylor College of Medicine

Department of Physical Medicine & Rehabilitation Teacher of the Year - 1998

R. Edward Carter, JR., M.D. Clinical Achievement Award Baylor College of Medicine / University of Texas Physical Medicine & Rehabilitation Alliance June 15, 2002

# The American Academy of Physical Medicine & Rehabilitation 2013 Distinguished Clinician Award

#### The American College of Sports Medicine

Fellow Conferred November 13, 2001

#### National and Regional Awards

The Best Doctors in America 2001-2002, 2007-2008, 2009-2010, 2010-2011, 2011-2012, 2013, 2014, 2015-2016

Guide to America's Top Physicians Consumers' Research Council of America 2004-2005 Houston's Top Doctors Inside Houston Magazine February 1998, October 1998

## **Board Certification:**

American Board of Physical Medicine and Rehabilitation (Part I and II) May 1993 - Certificate #4067 Recertified May 2003 #4067 Recertified July 1, 2013 #4067

American Board of Medical Acupuncture February 4, 2002 Recertified June 30, 2012

American Board of Physical Medicine and Rehabilitation Sports Medicine Subspecialty certification September 1, 2007, certificate #7 Recertified July 16, 2016

Fellow American Academy of Physical Medicine & Rehabilitation Fellow American College of Sports Medicine Fellow American Academy of Medical Acupuncture

American Registry for Diagnostic Medical Sonography RMSK Certification ARDMS #168580 March 27, 2013

## **Professional Societies & Academic Services:**

American Academy Physical Medicine & Rehabilitation Sports Medicine Special Interest Group Education Committee, 2000 Vice President, 2001; President 2002 - 2004

2002 Study Guide Committee: Industrial Medicine & Acute Musculoskeletal

Medical Education Committee 2012 – present

Quality, Practice, Policy and Research Task Force March 2014 – 2016

Musculoskeletal Ultrasound Task Force 2011 – present STEP program 2016-present

Practice Preparedness Committee 2015-present

2015 Annual Assembly Boston, MA Track / Course Director: Practice Management Track September 30 – October 4

2016 Annual Assembly New Orleans, LA Track / Course Director: Practice Management Track October 20-23

Physiatric Association of Spine, Sports, and Occupational Rehabilitation Liaison to the American Academy of Physical Medicine & Rehabilitation Practice Guidelines Committee, 2001- 2003 Program Co-Chairman 2004 Annual Meeting, Phoenix, Arizona

American College of Sports Medicine
Endurance Athletes Medicine and Science Special Interest Group
President, 2006-2007
Texas Chapter, Amercian College of Sports Medicine
Fellow, May 2002

American Academy of Medical Acupuncture

American Medical Society for Sports Medicine

American Institute for Ultrasound in Medicine

American Road Racing Medical Society President, 2008 - 2009 Founding Member, October 11, 2003

International Institute of Race Medicine
(formerly American Road Race Medical Society)
Board of Directors

American Medical Athletic Association, Clinic Advisor, July 1997 – 2016

## **National Scientific Participation**

Invited reviewer: PMR Invited reviewer: AJPMR Invited reviewer: JUM

## **Non-Academic Positions:**

**Houston Marathon Committee** 

Medical Director

1998 to present

**Board of Directors** 

2001- April 2014

Board of Directors: Advisory Panel

1998 to 2000

The Houston Marathon Foundation

Founding member; 2007 - 2011

#### **Medical Director**

Memorial Hermann Sports Medicine and Rehabilitation/The Institute for Rehabilitation and Research, Greenway Plaza

1993 - 2016

Chairman, Joints in Motion Training Program

Arthritis Foundation, Houston, TX

1998 - 1999

## **Business Affiliations:**

 $2^{nd}$ ,MD

Consultant

December 2016 - present

AIM Specialty Health

PT/OT Specialty Panel

Musculoskeletal Interventional Pain Specialty Panel

June 2018 – present

Genzyme Biosurgery

Speaker's Bureau

Frontier Council

Consultant (2009)

Sonosite, Inc.

Consultant / Clinical Instructor 2007 -2009

Advanced Health Education Center Course Director / Instructor 2008 - 2016

Southwest Medical Examination Services, Inc.

Designated Doctor 2010 – 2011

Musculoskeletal Ultrasound Consultants, LLC Consultant/Trainer/Owner 2012 – present

## **Research Information:**

Areas of Interest:

Hyponatremia
Running biomechanics
Musculoskeletal Ultrasound
Medical coverage of endurance events
Visco supplementation
Acupuncture
Myofascial pain

Houston Fit/ Houston Marathon Epidemiologic Studies, 1999-2007

Co-Investigators: Joe Chorley, M.D., John Cianca, M.D., Jon Divine, M.D. et al

Chevron Houston Marathon Hyponatremia Studies, 2000-Present Co-Investigators: Joe Chorley, M.D., John Cianca, M.D., Jon Divine, M.D. et al

Radiographic Teaching File: Developed and Created for University Sports Medicine: Spring, 1992 Mentor: E. James Swenson

The Effects of Weight Loss on Injury and Performance - Empire State Games -Buffalo, 1986 & Syracuse, 1987, Funded by the Department of Family Practice, Albany Medical Center, Merrit Spear, M.D., Betsy Colvin, Ph.D., (Advisors)

University of Rochester Medical Center, Rochester, NY Force Plate Research 1982 - 1984 Co-Investigators: Kenneth DeHaven, M.D., John Bernfield, M.S.

#### **Grants:**

Authors: Joe Chorley, M.D., Jon Divine, M.D., John C. Cianca, M.D. et al American College of Sport Medicine Prospective Epidemiological Surveillance of a 25 Week Marathon Training Program \$ 10,000.00, awarded June 1999 Author: John C. Cianca, M.D., Joseph N. Chorley, M.D. Baylor College of Medicine, Department of Physical Medicine & Rehabilitation Epidemiological Surveillance of a Marathon Training Program \$ 5,000.00, awarded February 1999

## National and International Presentations (abbreviated list):

Rehabilitation Management of the Injured Runner American Academy of Physical Medicine & Rehabilitation Anaheim, California October 11, 1994

Myofascial Pain; Industrial Rehabilitation; and Biomechanical Assessment ILAR Congress of Rheumatology Singapore
June 9-10, 1997

Shoulder Impingement Syndrome: Diagnostic and Treatment Approaches of Manual Medicine, Sports Medicine and Myofascial Pain American Academy of Physical Medicine & Rehabilitation Annual Assembly Atlanta, Georgia
November 14, 1997

Foot Orthoses: Principles and Prescriptions; Knee/Ankle/Foot Physical Examination; Running Biomechanics
Medical Challenges in the Endurance Athlete
PASSOR 1999 Midyear Educational Update
Chicago, Illinois
March 13-14, 1999

Diagnosis, Location, and Severity of Injuries in a Marathon Training Program Free Communication / Slide
J.C. Cianca, J.N. Chorley, C.J. Campbell, J.G. Divine, T. Hew
American College of Sports Medicine 47<sup>th</sup> Annual Meeting
Indianapolis, Indiana
June 1, 2000

Hyponatremia in Marathoners: Clinical Presentation and Possible Risk Factors American Medical Athletic Association Sports Medicine Symposium at the Marine Corps Marathon, Arlington Hospital, Arlington, Virginia October 20, 2000

Overview of Acupuncture Theory and Research - John Cianca, M.D., Ann Cotter, M.D., Martin Grabois, M.D.; Botulinum Toxin Injections for Refractory Myofascial Pain – New Techniques in

Pain Injections; Endurance Sports Events: The Role of a Medical Director – John Cianca, MJon Halperin, M.D., Robert Wilder, M.D., William Micheo, M.D., Michael Fredericson, M.D.; PASSOR: Advanced Lower Extremity Workshop: RUNNER'S EVALUATION - John C. Cianca, M.D., Michael Fredericson, M.D., Venu Akuthota, M.D. American Academy of Physical Medicine & Rehabilitation Annual Assembly San Francisco, California November 2-5, 2000

Running Biomechanics
Foot Biomechanics and Examination Techniques
John C. Cianca, M.D.
PM&R Resident Lecture
Stanford University, Department of Functional Restoration
Palo Alto, California, August 15, 2001

Running Biomechanics & a 3-Dimensional Approach to Running Injuries John C. Cianca, M.D. Grand Rounds
Baylor College of Medicine, Department of Orthopedics
Houston, Texas, November 14, 2001

American Medical Athletic Association Sports Medicine Symposium at The 105<sup>th</sup> Boston Marathon, The Back Bay Hilton, Boston, MA April 14, 2001

American Academy of Physical Medicine & Rehabilitation 61stAnnual Assembly
Overview of Acupuncture Theory and Research Botulinum Toxin Injections for Refractory
Myofascial Pain – New Techniques in Pain InjectionsEndurance Sports Events: The Role of a
Medical Director PASSOR: Advanced Lower Extremity Workshop: RUNNER'S
EVALUATION
Hilton and Towers Hotel
San Francisco, California

Organization of Medical Coverage for a Marathon Hanzehogeschool Groningen Groningen, The Netherlands Wednesday, September 18, 2002

November 2-5, 2000

The Use of Viscosupplementation
John C. Cianca, M.D.
Edward T. Smith Guest Lectureship
The University of Texas Medical School at Houston, Department of Orthopaedics
Houston, Texas, November 8, 2002

American Academy of Physical Medicine & Rehabilitation PASSOR Annual Scientific Assembly-Course Director

Musculoskeletal Concerns of Seniors Phoenix, AZ October 7-9, 2004

Asociacion Medica Latino Americana de Rehabilitacion XXI Congreso de la Asociacion Medica Latino Americano de Rehabilitacion Musculoskeletal Injury in Athletes Techniques in the Rehabilitation of Musculoskeletal Injury Caracas, Venezuela November 22-27, 2004

Association of Academic Physiatrists
Annual Meeting
Physiological Basis of Musculoskeletal Injuries from Basic Science to Clinical Applications
Colorado Springs, Colorado
February 24-28, 2009

University of Puerto Rico- School of Medicine-Medical Science Campus 23<sup>rd</sup> Annual Conference on Exercise Sciences & Sports Medicine The Science and Medical Care of Endurance Sports San Juan, Puerto Rico March 26-27, 2009

Inaugural Musculoskeletal Ultrasound Course of the Portuguese Society of PM&R Presenter and table trainer Lisbon, Portugal July  $12-14,\,2013$ 

8<sup>th</sup> World Congress of the International Society of Physical and Rehabilitation Medicine Platelet Rich Plasma and other Biologic Treatments in Musculoskeletal Injuries Cancun, Mexico June 1-5, 2014

26th Annual Meeting of the Asociación Puertorriqueña de Medicina Física y Rehabilitación Rio Grande, PR

Introduction to ultrasound guided injection Basic Anatomy and scanning of wrist

Basic Anatomy and scanning of whist

Evaluation and Management of Foot Injuries

PRP and Other Biological Treatments in Musculoskeletal Injuries

September 18-20, 2014

2015 TPMA Annual Conference and Business Meeting Is it really a tendon issue? Use ultrasound to confirm Does Eastern medicine have any role in chronic pain?

Top 3 Common Injuries in Runners: How to prevent and treat? The Royal Sonesta Hotel, Houston, Texas June 11-14, 2015

Invited Professorship
University of Medicine and Dentistry New Jersey
Department of PM & R
New Jersey Society of Physical Medicine and Rehabilitation
Newark, New Jersey
A Sonographic Demonstration of Extended Field of View
Interesting Cases Using Sonography
August 24, 2015

American Academy of Physical Medicine & Rehabilitation Annual Assembly Running a Cash Practice Hines Convention Center, Boston, MA October 4, 2015

University of Texas Southwestern Medical Center Department of PM&R Grand Rounds Understanding Anatomy Using Sonography October 16, 2015

Running USA 2016: The 13th Industry Conference Medical Breakout Session: Managing Medical at Endurance Events Panel Discussion Westin Bonaventura Hotel and Suites, Los Angeles CA February 10-12, 2016

Dannemiller Interventional Pain Management Techniques Using Fluoroscopic Guidance and Ultrasound: A Hands-on Cadaver Workshop Ultrasound Guided Peripheral Joint Injections San Antonio, TX March 11-13, 2016

Shoulder Clinical Applications and Pathology with Ultrasound Clinical Applications of Ultrasound American Academy of Physical Medicine & Rehabilitation Annual Assembly New Orleans, LA October 19, 2016

The Orthobiologic Institute 8<sup>th</sup> Annual PRP & Regenerative Medicine Symposium Workshops & Cadaver Labs MSK Ultrasound-guided Injections Basics Las Vegas, NV June 8-10, 2017 National Athletic Trainers Association Annual Meeting NATA Foundation Distinguished Scholars Presentation NATA/ACSM exchange lecture Marathon Medical Coverage: Cardiac Resuscitation George Bush Convention Center Houston, TX June 27, 2017

American Medical Society for Sports Medicine Fueling for Ultra-Endurance Events – Reaching Beyond the Marathon Lake Buena Vista, FL April 24-29, 2018

22 years of Vigilance: Some of What I Have Learned as Medical Director of the Houston Marathon
Vanderbilt School of Medicine Department of Physical Medicine and Rehabilitation
Nashville, TN
Thursday February 7, 2019

Weill-Cornell Department of Rehabilitation Grand Rounds New York, New York Thursday, March 21, 2019

#### **Local Presentations:**

Numerous presentations to local physicians, physical therapists, residents, medical students, running clubs, and civic organizations from 1992- present

#### <u>Publications – Books:</u>

**Cianca J**, Patel S. Musculoskeletal Ultrasound Cross-Sectional Anatomy. Demos Medical. NY 2018

#### **Publications – Full Papers:**

**Cianca J**: Distance Running: Organization of a Medical Team. Journal of Back and Musculoskeletal Medicine, 1996; 6:59-69.

Clar S, **Cianca J**: Intracranial Tumor Masquerading as a Cervical Radiculopathy: A Case Study. Archives of Physical Medicine and Rehabilitation, 1998; 79(10): 1301-1302

**Cianca J**, Siodlarz C: American Academy of Physical Medicine & Rehabilitation. Musculoskeletal Case of the Month: Lower Extremity Biomechanics. Archives of Physical Medicine and Rehabilitation 2000; 81(8):

**Cianca, J, et al**: 2001 Physiatric Association of Spine Sports, and Occupational Rehabilitation's Cervical Bibliography,

Industrial Medicine and Acute Musculoskeletal Rehabilitation Study Guide:

Prather, H, Foye, P, Cianca, J: Diagnosing and Managing the Injured Worker with Low Back Pain, Archives of Physical Medicine and Rehabilitation, 2002, 83 (3), Suppl 1: S3-S6

Marquardt, C, Cianca, J, Foye, P, Prather, H: Acute Cervical Spine and Shoulder Injuries in the Industrial Setting, Archives of Physical Medicine and Rehabilitation, 2002, 83 (3), Suppl 1:S7 – S11

Foye, P, Cianca, J, Prather, H: Cumulative Trauma Disorders of the Upper Limb in Computer Users, Archives of Physical Medicine and Rehabilitation, 2002, 83 (3), Suppl 1:S12 – S15

Prather, H, Cianca, J, Marquardt, Carolyn, Foye, P: Evaluation and Management of the Injured Worker with a Lower-Extremity Injury, Archives of Physical Medicine and Rehabilitation, 2002, 83 (3), Suppl 1: S16 – S18

Foye, P, Stitik, T, Marquardt, C, **Cianca, J**, Prather, H: Effective Medial Management of Industrial Injuries: From Casuality to Case Closure, Archives of Physical Medicine and Rehabilitation, 2002, 83 (3), Suppl 1: S19 – S24

Prather, H, Foye, P, Stiens, Wilder, R, Cianca, J: Occupational Health for Special Populations, Archives of Physical Medicine and Rehabilitation, 2002, 83 (3), Suppl 1:S26 – S32

Chorley, J, Cianca, J, Divine, J, Hew, T: Baseline Injury Risk Factors for Runners Starting a Marathon Training Program, Clinical Journal of Sports Medicine, 2002, 12(1): 18-23

Hew, T; Chorley, J; Cianca, J; Divine, J: The Incidence, Risk Factors, and Clinical Manifestations of Hyponatremia in Marathon Runners, Clinical Journal of Sport Medicine 2003; 13(1): 41-47

Chorley J, Cianca J, Divine J.: <u>Risk Factors for Exercise-Associated Hyponatremia in Non-Elite Marathon Runners.</u> Clinical Journal of Sport Medicine 2007; 17(6):471-7.

Kim JH, Malhotra R, Chiampas G, d'Hemecourt P, Troyanos C, Cianca J, et al. Cardiac arrest during long-distance running races. NEJM. 2012, 366:130-40.

**Cianca J,** John J, Pandit S, Chiou-Tan, F, Musculoskeletal Ultrasound Imaging of the Recently Described Anterolateral Ligament of the Knee, Am. J. Phys. Med. Rehabil. & Vol. 93, No. 2, February 2014

Chiou-Tan FY, **Cianca J**, Pandit S, John J, Furr-Stimming E, Taber KH: Procedure oriented torsional anatomy of the proximal arm for spasticity injection. J Comput Assist Tomogr 2015;39: 449–452)

Chiou-Tan FY, Cianca J, Pandit S, John J, Furr-Stimming E, Taber KH: Procedure oriented torsional anatomy of the forearm for spasticity injection. J Comput Assist Tomogr 2015 accepted for publication

John J, Chiou-Tan FY, Cianca J, Pandit S, Furr-Stimming E, Taber KH: Procedure oriented torsional anatomy of the hand for spasticity injection MS#: JCAT-16-447 2016 accepted for publication

Cianca, J, Jayaram, P. Musculoskeletal Injuries and Regenerative Medicine in the Elderly Patient. Phys Med & Rehabil Clin of NA: Nov. 2017;28(4):777-794

Chiou-Tan FY, John J, Robinson, LR, Cianca J, Taber KH. Procedure-Oriented Torsional Anatomy of the Carpal Tunnel. J Comput Assist Tomogr 2018; 42(3):492-495

Cianca J, Dy R, Chiou-Tan FY, John J, Taber K. Torsional Anatomy of the Lower Limb: The Appearance of Anatomy in Hemispastic Position. J Comput Assist Tomogr 2018; 42:982-985

## **Publications: Book Chapters**

**Cianca JC**: Sports Injury. In: Handbook of Physical Medicine and Rehabilitation Basics. S.J. Garrison (ed); J B Lippincott Co., 1995 [Chapter 18: 369-390].

**Cianca JC**, Roberts W, Horn D: Distance Running: Organization of the Medical Team, Chapter 39 in Textbook of Running Medicine, FG O'Connor, RP Wilder (ed), McGraw-Hill, NY, 2001

**Cianca JC**, Roberts W: Medical Coverage of Distance Running Events. Chapter 41 in Running Medicine, 2<sup>nd</sup> Ed. FG O'Connor, RP Wilder, EM Magrum (ed), Healthy Learning, CA, 2014

**Cianca JC**: Musculoskeletal Ultrasound of the Ankle and Foot, in: Physical Medicine and Rehabilitation Clinics of North America: Musculoskeletal Ultrasound, N Hager (ed), Aug. 2010, vol. 21(3), W.B. Saunders Company, Philadelphia

**Cianca JC:** Stress Fractures of the Foot and Ankle, Chapter 94 in Musculoskeletal, Sports, and Occupational Medicine, W. Micheo (ed), Demos Medical, NY, 2011

**Cianca JC:** Event Administration, Chapter 12 in: Sports Medicine: Study Guide and Review for Boards, M Harrast, J Finnoff (ed), Demos Medical, NY, 2011 & 2<sup>nd</sup> Edition 2017

**Cianca JC:** Ultrasound guided Knee Injections in: Malanga G and Mautner K. Atlas of Ultrasound-guided Musculoskeletal Injections. New York: McGraw-Hill, McGraw Hill, Chicago, 2014.

## **Publications: Abstracts & Posters**

Divine J, Chorley J, Kohl H, **Cianca J**: Motivation for Starting a Marathon Training Program: Running Experience and Gender Differences. Medicine & Science in Sports & Exercise 1999, 31(5): S93.

- Chorley JN, Campbell CJ, **Cianca J**, Divine JG, Hew T: Comparison of Finishers and Nonfinishers of a Marathon Training Program and Its Impact on Future Running Plans. Medicine & Science in Sports and Exercise, 2000, 32(5): S125.
- **Cianca JC**, Chorley JN, Campbell CJ, Divine JG, Hew T: Diagnosis, Location, and Severity of Injuries in a Marathon Training Program. Medicine & Science in Sports and Exercise, 2000, 32(5): S199.
- Divine JG, Chorley JN, Campbell CJ, **Cianca JC**: The Injury Incidence Pattern of Common Running Injuries in the Baylor Marathon Training Surveillance System (BTMSS). Medicine & Science in Sports and Exercise, 2000, 32(5): S199.
- Chorley J, Divine J, Cianca J: Baseline Differences in Marathon Training Practices by Training Experience. Medicine & Science in Sports & Exercise, 1999; 31(5):S788.

  Rajeev P, Nguyen D, Cianca J: Therapeutic Efficacy of Botulinum Toxin A-Trigger Point Injections for Patients with Myofascial Pain. Archives of Physical Medicine and Rehabilitation, 1998; 79(9): 1173.
- Chorley J, Cianca J, Divine J, Hew T: Baseline Characteristics as Risk Factors for Injury in Runners Training to Compete in a Marathon. Medicine & Science in Sports & Exercise, 2002, 34(5): S6
- **Cianca J**, Chorley J, Divine J, Hew T: Hyponatremia in Asymptomatic Marathoners. Medicine & Science in Sports & Exercise, 2002, 33(5): S49
- Hew T, Chorley J, Cianca J, Divine J: Risk Factors for Developing Hyponatremia in Marathon Runners. Medicine & Science in Sports & Exercise, 2002, 33(5): S49
- Yap EC, Cianca J, Siodlarz CJ: Intra-articular Hyaluronan Supplementation for Chondromalacia Patella. Arch Phys Med Rehab 83, Nov. 2002, p1660
- Meza F, Divine J, Braunreiter D, **Cianca J**: Post-Game Collapse Female Football Player. Medicine & Science in Sports & Exercise, 2003, 35(5): S14
- Chorley J, Cianca J, Divine J, Hew T: Sodium and Fluid Balance in Hyponatremic Marathon Runners and Controls. Medicine & Science in Sports & Exercise, 2003, 35(5): S246
- **Cianca J**, Chorley J, Divine J, Hew T: Sodium Supplementation in Marathon Runners. Medicine & Science in Sports & Exercise, 2003, 35(5): S246
- Divine J, Cianca J, Chorley J, Hew T: Menstrual Cycle Influences on Change in Body Weight and [Na] in Female Marathoners. Medicine & Science in Sports & Exercise, 2003, 35(5): S246
- <u>Chiou-Tan FY</u>, **Cianca J**, Pandit S, John J, Furr-Stimming, E: Torsional anatomy of the proximal upper limb: a reference for spasticity injection, MOVEMENT DISORDERS, 18TH

International Congress of Parkinson's Disease and Movement Disorders - Movement Disorders Society, Stockholm, Sweden, June, 2014.

Furr-Stimming, E, **Cianca J**, Pandit S, John J, <u>Chiou-Tan FY</u>: Torsional anatomy of the neck: a reference for torticollis injection, MOVEMENT DISORDERS, 18TH International Congress of Parkinson's Disease and Movement Disorders - Movement Disorders Society, Stockholm, Sweden, June, 2014.

Chiou-Tan FY, Cianca J, Pandit S, John J, Furr-Stimming, E, Zhang H, Taber K: Procedure oriented torsional anatomy of the proximal arm for spasticity injection, PHYS MED REHABIL, Amer Acad Phys Med Rehabil, SanDiego, CA, 2014.

Chiou-Tan FY, **Cianca J**, John J, Pandit S, Furr-Stimming E, and Taber K: Torsional anatomy of the forearm: a reference for spasticity injection, AM J PHYS MED REHABIL, Assoc Acad Physiatrists, San Antonio, TX, March 10-14, 2015

John J, Cianca J, Pandit S, Chiou-Tan, F. Identification of the Anterolateral Ligament in a Cadaver Using Musculoskeletal Ultrasound, a case report. 2015 AAP Annual Meeting, San Antonio, TX, March 10 -14, 2015

Smith M, Cianca J. Diagnosis of Femoral Nerve Impingement with Musculoskeletal Ultrasound: A Case Report. AM J PHYS MED REHABIL, Assoc of Acad Physiatrist Annual Meeting, San Antonio, TX. 2015

Jayaram, P, Cianca, J. Achilles Tendon-Soleus Interface Musculotendinous Tear Diagnosed with Ultrasound: A Case Report. PMR. Amer. Academy of Physical Medicine and Rehabilitation Annual Assembly and Technical Exhibition, Oct 2015, Boston, MA

John J, Cianca J, Pandit S, Furr-Stimming E, Taber KH, Chiou-Tan FY: <u>Torsional Anatomy Of The Hand: A Reference For Spasticity Injection</u>

Am J PMR, Association of Academic Physiatrists Annual Meeting, Feb 2016, Sacramento, CA

Cianca, J, John, J, Pandit, S, Taber, KH, Furr-Stimming, Chiou-Tan, FY. Torsional Anatomy of the Lower Limb: The Appearance of Anatomy in Hemispastic Position, PM R, American Academy of Physical Medicine and Rehabilitation, Oct 2016, New Orleans, LA

Jayaram, P, Cianca, J. Brain Injury as a Consequence of Routine PRP Protocol in a Patient on Chronic Antiplatelet Therapy. PMR. Amer. Academy of Physical Medicine and Rehabilitation Annual Assembly and Technical Exhibition, Oct 2016, New Orleans, LA

Moody, E, Cianca J. Intersection Syndrome of the Second and Third Extensor Compartments: A Case Report. Am J PMR, Association of Academic Physiatrist Annual Meeting, Feb 2017, Las Vegas, NV Accepted

Dy, R, Cianca, J, John, J, Chiou-Tan, FY, Taber, KH. Torsional Anatomy of the Foot: The Appearance of Anatomy in Hemispastic Position. Am J PMR Association of Academic Physiatrists Annual Meeting, Feb 2017, Las Vegas, NV Accepted

## **Musculoskeletal Ultrasound Related Publications:**

**Cianca JC**: Musculoskeletal Ultrasound of the Ankle and Foot, in: Physical Medicine and Rehabilitation Clinics of North America: Musculoskeletal Ultrasound, N Hager (ed), Aug. 2010, vol. 21(3), W.B. Saunders Company, Philadelphia

**Cianca JC:** Ultrasound guided Knee Injections in: Malanga G and Mautner K. Atlas of Ultrasound-guided Musculoskeletal Injections. New York: McGraw-Hill, 2014

**Cianca J,** John J, Pandit S, Chiou-Tan, F, Musculoskeletal Ultrasound Imaging of the Recently Described Anterolateral Ligament of the Knee, Am. J. Phys. Med. Rehabil. Vol. 93, No. 2, February 2014

## **Teaching Information:**

#### **Mentor:**

Baylor Department of Physical Medicine & Rehabilitation Musculoskeletal Fellowship (1 year)

John Kozak 1994-95

Steven Clar 1996-97

Sonia Williams 1997-98

Christopher Siodlarz 1998-99

Heather Denkhaus 1999-00

Jill Castro 2000-2001

Shawn Lehman 2001-02

Le Hanh 2002-03

David Quijano-Soto 2003-04

Joint University of Texas – Baylor College of Medicine Fellows (1 year)

Lilia Nunez 1997-99

Ramon Soto 1997-98

Avse Dural 1997-98

Husam Mourtada 1998-1999

#### Visiting Fellows (1-12 months)

Helena Campiglia (Sao Paulo, Brazil) 1995-96

Keng He Kong (Singapore) 1996

Kai Fei Chan (Singapore) 1997

Karen Chua (Singapore) 1999

Adela Tow (Singapore) 2000

E.C. Yap (Singapore) 2001

Ethy Oziel (Caracas, Venezuela) January 2011

Iliana Sanchez (Caracas, Venezuela) January 2012

**Assistant Mentor:** (1month rotations)

Baylor College of Medicine Dept of Pediatrics

Primary Care Sports Medicine Fellowship:

Adolescent Medicine and Sports Medicine

Joseph Chorley, M.D. 1995-97

Christopher Richard Powers, M.D. 2000-01

Joel Brenner, M.D. 2001-02

Jason E. Decker, M.D. 2002-03

Scott Upton, M.D. 2002-03

Neelesh Kenia, M.D. 2003-04

Jeffrey W. Cline, MD 2004-05

Tim Ulrich Leier, M.D., Ph.D. 2004-05

Dana Monet Fitzgerald, M.D. 2005-06

Katarina Backus, M.D. 2006-07

Sarah Cribbs, M.D. 2007-08

Craig Alan Coleby M.D. 2008-09

Mike Chapman, M.D. 2009-10

James Roberson, M.D. 2010-11

Brian Harvey, D.O. 2011–12

Ricardo Guirola, MD 2012-13

Matthew Muehe, MD 2013-14

Caroline Kienstra, MD 2014-15

Rebecca Martini, MD 2015-2016

Armand Scurfield, MD 2016-2017

Richard Eccles, MD 2016-2017

Ashley Brouillette, MD 2017-2018

Brent Bjornsen, MD 2017-2018

University of Texas Medical Branch, Dept. of Rheumatology Shervin Assassi, MD

#### **Residents:**

Baylor College of Medicine / University of Texas Medical Branch

6 monthly rotations per year: 1994-2004 4 monthly rotations per year: 2005- present

#### **Course Director:**

Sports Medicine Course: Assessment and Treatment of Athletes and Performing Artists

Baylor College of Medicine,

Dept. of Physical Medicine and Rehabilitation

Houston, Texas-September 17-18, 1993

Myofascial Pain and Fibromyalgia Course

Baylor College of Medicine @ TIRR

Department of Physical Medicine & Rehabilitation

Houston, Texas-August 26-27, 1994

Musculoskeletal Injury and The Spine

Baylor College of Medicine, Department of Physical Medicine & Rehabilitation Houston, Texas- December 16-17, 1994

The Athlete's Body and Special Topics in Sport Medicine Baylor College of Medicine, Department of Physical Medicine & Rehabilitation Houston, Texas- April 26-27, 1996

Foot Biomechanics

Baylor College of Medicine, Department of Physical Medicine & Rehabilitation Houston, Texas - February 14, 1998

The Shoulder: Anatomy, Function and Dysfunction Baylor College of Medicine, Department of Physical Medicine & Rehabilitation Houston, Texas - February 20, 1999

23<sup>rd</sup> Annual Lewis A. Leavitt Memorial Lectureship Baylor College of Medicine, Department of Physical Medicine & Rehabilitation Houston, TX - June 23, 2000

The American Academy of Physical Medicine & Rehabilitation PASSOR Annual Scientific Assembly-Course Director Musculoskeletal Concerns of Seniors Phoenix, AZ October 7-9, 2004

American Road Race Medical Society

Endurance Events: Medical Logistics and Clinical Care

In conjunction with Chevron Houston Marathon / 2012 USOC Olympic Trials: Marathon

Course Director Houston, Texas January 13, 2012

American Academy of Physical Medicine & Rehabilitation

Hands-On Diagnostic Musculoskeletal Ultrasound: Introduction to Uses and Techniques

Preconference Course

Course Director

Seattle, WA

November 4, 2010

Las Vegas, NV

June 8-12, 2011

Orlando, FL

November 15-16, 2011

Atlanta, GA

November 13-14, 2012

National Harbor, MD

October 1-2, 2013 San Diego, CA November 11-12, 2014

#### **Advanced Health Education Center**

Introduction to Musculoskeletal Ultrasound Course Director and Instructor Houston, Texas September 19-20, 2009 June 19-20, September 18-19, 2010 February 26-27, June 25-26, September 17-18, 2011 February 25-26, June 9-10, September 15-16, 2012 September 14-15, 2013 February 22-23, June 21-22, September 27-28, 2014 September 27-28, 2014 September 26-27, 2015 October 1-2, 2016

Shoulder Examination with Ultrasound March 6, 2010

American Academy of Physical Medicine and Rehabilitation 2015 Annual Assembly Practice Track / Course Director: Practice Management Track Boston, MA September 30 – October 4, 2015

#### **Course Faculty positions:**

Helms Medical Institute: Medical Acupuncture for Physicians: Clinical Unit Tempe, AZ May 17-18, 2008

American Academy of Physical Medicine & Rehabilitation Hands-On Diagnostic Musculoskeletal Ultrasound: Uses and Techniques Preconference Course Austin, Texas October 21, 2009

American Academy of Physical Medicine & Rehabilitation
Diagnostic and Interventional Musculoskeletal Ultrasound of the Upper Extremity
Las Vegas, Nevada
June 11-13, 2010
June 10-12, 2011

American Academy of Physical Medicine & Rehabilitation Diagnostic and Interventional Musculoskeletal Ultrasound of the Lower Extremity Las Vegas, Nevada February 11-13, 2011 February 9-11, 2012

6<sup>th</sup> Annual AIUM Mayo Clinic Diagnostic & Interventional Musculoskeletal Ultrasound Course Rochester, MN July 18-22, 2012

Baylor College of Medicine/University of Texas Medical Branch

PM&R Residency Program

Musculoskeletal Ultrasound Cadaver Course: Neck and Shoulder Cervical Dystonia Injection

Houston, TX

September 6 and 8, 2012

August 22 and 24, 2013

Ultrasound Guided Injections

Musculoskeletal Ultrasound and Spasticity Anatomy Course:

Baylor College of Medicine

Houston, TX

Sept. 10 & 12, 2015

Ultrasound Hands-on Workshop

Dannemiller Interventional Pain Management Techniques Using Fluoroscopic Guidance and

Ultrasound: A Hands-on Cadaver Workshop

San Antonio, TX

March 11-13, 2016

**Ultrasound Guided Injections** 

Cadaveric Musculoskeletal Ultrasound and Spasticity Anatomy Course

**Baylor College of Medicine** 

Houston, TX

Sept. 22 & 24, 2016

## **Presentations:**

Piriformis Syndrome

Physical Medicine and Rehabilitation Grand Rounds

University of Rochester Medical Center, Rochester, New York

January 31, 1992

University Sports Medicine, Rochester, New York

February 21, 1992

Pain Treatment Center, Strong Memorial Hospital

Rochester, New York

March 8, 1992

Introduction to Sports Medicine Clinical Core Medical Students - Baylor College of Medicine September 30, 1992, August 18, 1993, December 1, 1993, August 31, 1994, September 12, 1995

Clinical Correlations for Anatomy Physical Medicine & Rehabilitation-Baylor College of Medicine Clinical Correlation Resident Anatomy Course September 1992 - present

Neuromusculoskeletal Course - Musculoskeletal Injuries Medical Students - Baylor College of Medicine June 15, 1993

Sports Medicine Lecture Series: Knee Biomechanics Residents - Physical Medicine & Rehabilitation – Baylor College of Medicine June 22, 1993, November 8, 1994

On the Field Assessment of Athletic Injuries Residents - Physical Medicine & Rehabilitation – Baylor College of Medicine August 5, 1993

Knee Exam; Shoulder Exam Pediatric Sports Medicine Course Baylor College of Medicine August 14, 1993

Sports and Human Performance - A Suggestion for Clinical Intervention Baptist Hospital, Beaumont, Texas September 9, 1993

Assessment of Musicians Baylor College of Medicine, Department of Physical Medicine & Rehabilitation September 17, 1993

A Discussion of Running and Running Injuries Continental Airlines Running Club Houston, Texas September 24, 1993

Houston Community College Marathon Class Houston, Texas September 29, 1994

Preparation for the Running Season YMCA Lecture Series #1 Houston, Texas September 29, 1993 Decisions in Self Care as a Runner YMCA Lecture Series #2 October 20, 1993 Cycling YMCA Lecture Series #3 March 24, 1994

Spirituality and Medical Education Medical Student Brown Bag Lunch Series October 15, 1993

The Knee: Anatomy and Clinical Examination First Year Medical Students - Baylor College of Medicine November 10, 1992, April 6, 1993, October 19, 1993

KNUZ Radio Series on Sports and Human Performance Injuries KNUZ 1230-AM Houston, TX November 1 - 4, 1993 Running and Physical Fitness Houston, TX January 1994

Overview of Basketball Injuries
Residents – Physical Medicine & Rehabilitation Baylor College of Medicine
November 30, 1993
Running and Gender
Houston Tenneco Marathon Running and Fitness Symposium
Question and Answer Session, Open Forum
Houston, TX
January 16, 1994

Industrial Rehabilitation & Ergonomics
Baylor College of Medicine
28th Annual PM&R Board Review Course, March 19, 1994
29th Annual PM&R Board Review Course, March 18, 1995
30th Annual PM&R Board Review Course, March 16, 1996
31st Annual PM&R Board Review Course, March 22, 1997

Myofascial Pain and Fibromyalgia 32<sup>nd –</sup> 35th Comprehensive PM&R Review Course, March 1998 - 2001 36th Comprehensive PM&R Review Course, March 18, 2002

Sports Medicine: Upper and Lower Extremities 34<sup>th</sup>, 35<sup>th</sup>, 36<sup>th</sup> Comprehensive PM&R Review Course, March, 2000-2002

Uses of SwimEx Tank and Exercise Therapy The Institute for Rehabilitation & Research Case Conference - Physicians Houston, TX April 4, 1994

Preliminary Report of Head Injury and Sports The Institute for Rehabilitation & Research Case Conference - Physicians Houston, TX April 18, 1994

Biomechanics of Throwing Baylor College of Medicine, Department of Physical Medicine & Rehabilitation, Grand Rounds July 9, 1994

The Musculoskeletal System and Endurance Training Fort Davis Fitness & Training Camp August 10, 1994

A Comprehensive Biomechanical Analysis of the Overhand Throwing Motion Physical Medicine & Rehabilitation Grand Rounds – Baylor College of Medicine September 9, 1994, July 9, 1999

Sports Medicine Lecture Series: Low Back Residents - Physical Medicine & Rehabilitation Baylor College of Medicine November 15, 1994 Shoulder Residents - Physical Medicine & Rehabilitation Baylor College of Medicine November 22, 1994

Myofascial Implications of the Cervical Spine; Lumbo-Pelvic Mechanics and Myofascial Implications

Musculoskeletal Injury and the Spine Course Baylor College of Medicine December 16-17, 1994

Cycling Biomechanics and Injury Conoco Bicycle Club, Houston, Texas March 9, 1995, January 22, 1996 Downtown YMCA Houston, Texas March 17, 1995

Biomechanics of Musculoskeletal System Personal Trainers Course Houston, Texas March 29, 1995 Clinical In-service "When the Foot Hits the Ground Everything Changes" Houston, Texas May 19, 1995

Foot Biomechanics Case Conference The Institute for Rehabilitation & Research (TIRR) Houston, Texas July 3, 1995

Head & Neck Injuries in Scholastic Sports Houston Area Coaches - 2nd Baptist Church Houston, Texas August 5, 1995

Aging & the Musculoskeletal System Certified Fitness Trainers, Aerobic Instructors & Personal Trainers - Moving with Seniors Seminar and Workshop Houston, Texas August 12, 1995

The Spine: Anatomical & Biomechanical Considerations in Water Exercise Therapy SwimEx Workshop @ Human Performance & Rehabilitation Center Houston, Texas
August 12-13, 1995
Introduction to Clinical Skills
Baylor College of Medicine - 2nd year Medical Students
September 13, 1995

Basic Limb Exam
Baylor College of Medicine - 1st year Medical Students
September 13, 1995
Knee Injuries
October 24, 1995

Botox and Myofascial pain Baylor College of Medicine, Department of Physical Medicine & Rehabilitation, Grand Rounds February 8, 1996

Myofascial Pain and Trigger Point Injections Family Practice Residents Baytown, TX April 16, 1996 21<sup>st</sup> Annual Lewis A. Levitt, M.D. Memorial Lectureship Physical Medicine and Rehabilitation Baylor College of Medicine Psychoneuroimmunology and Spirituality: Implications for Rehabilitation June 12, 1998

Acupuncture in Clinical Medicine Texas Woman's University –Physical Therapy School Houston, Texas November 11, 1998

Biomechanics of the Upper Quarter Baylor College of Medicine, Physical Medicine & Rehabilitation: The Shoulder, Anatomy, Function and Dysfunction February 20, 1999

Integrated Evaluation and Treatment of Musculoskeletal Problems Texas Physical Therapy Association Annual Conference Adams Mark Hotel, Houston Texas September 18, 1999, 8:00 – 10:00 AM

Lessons from the Baylor Marathon Surveillance Study Joseph Chorley, M.D., John Cianca, M.D., Tamara Hew, DPM Texas Chapter of the American College of Sports Medicine Annual Meeting College Station, Texas February 12, 2000

Examination of the Hip and Pelvis in the Runner Texas Chapter of the American College of Sports Medicine Annual Meeting College Station, Texas February 12, 2000

Evaluating the Runner: A Discussion of Applied Biomechanics Department of Orthopedics Grand Rounds Baylor College of Medicine

November 2001

Department of Family Practice University of Texas August 2002

The Use of Visco Supplementation Edward T. Smith Orthopedic Lectureship 2002 Crowne Plaza Houston Medical Center Houston, Texas, Friday, November 8, 2002

American Academy of Physical Medicine & Rehabilitation 63<sup>th</sup> Annual Assembly Botox Therapy – A Critical Review of the Literature Orlando World Center Marriott

Orlando, Florida November 21 – 23, 2002

When and How to Use Synthetic Hyaluronic Acid Joint Injections for the Arthritic Knee Annual Meeting of the Texas Chapter of the American College of Sports Medicine The Omni-Houston Westside Hotel Houston, Texas February 8, 2003

American Medical Athletic Association's 32nd Annual Sports Medicine Symposium at Boston Hyponatremia in Marathon Runners: A Five-Year Review, 3:10 – 4:00 Hyponatremia Panel Discussion, 4:00 – 5:00 Colonnade Hotel, Boston, Massachusetts Saturday, April 19, 2003

The Kinetic Chain: Using It to Understand and Treat Injuries SouthWest Athletic Trainers Association The Colonnade Hotel, Dallas, Texas Saturday, July 26, 2003

Running and Injuries: A Three-Dimensional Analysis Oklahoma Human Performance Center Orthopedic Hospital of Oklahoma Tulsa, Oklahoma Saturday, September 27, 2003

American Academy of Physical Medicine & Rehabilitation  $64^{th}$  Annual Assembly Downed Runner Workshop, 10:30-12:00 PM Evaluation of the Injured Runner Workshop, 2:00-3:30 PM Choosing and Using Relevant Clinical Practice Guidelines, 8:30-12:00 PM Visco Supplementation of the Knee, 7:00-8:00 AM Hyponatremia and Other Medical Emergencies in Marathon Runners, 4:00-5:30 PM Hilton Chicago Chicago, Illinois October 9- 12, 2003

American Medical Athletic Association's 2003 Sports Medicine Symposium at the Marine Corps Marathon: Medical Management of Endurance Events
Medical Director Training for Endurance Events, 1:40 – 2:20 PM
Hyponatremia Panel Discussion, 6:30 – 8:30 PM
Biomechanical Evaluation of the Runner, 10:25 – 11:00 AM
Virginia Hospital Center
Arlington, Virginia
October 24 – 25, 2003

Acupuncture Basics: A Historical and Clinical Discussion of Eastern Medicine South Eastern District of Texas Physical Therapy Association monthly meeting 1 Fannin St., Houston, Texas November 20, 2003

Running Medicine 2004: Sports Medicine for the Endurance Athlete, University of Virginia School of Medicine,
Omni Hotel, Charlottesville, Virginia
April 1-3, 2004

3<sup>rd</sup> Annual Sports Medicine Update, Baylor Sports Medicine Institute, Minute Maid Park, Houston, Texas June 1-2, 2004

Visco Supplementation Technique Workshop Train the Trainer on Injection Technique New York, New York May 13-14, 2005

Physical Medicine & Rehabilitation- UT Medical School Rheumatology Core Curriculum Lectures Resident Anatomy Course April 6, 2006

University of Rochester Physical Medicine & Rehabilitation Grand Rounds Treating Lower Extremity Osteoarthritis with Ultrasound Techniques and Visco Supplementation Rochester, New York April 20, 2007

Physical Medicine & Rehabilitation- Baylor College of Medicine PM&R Alliance Program for Senior Residents UT Medical School, UT Southwestern, Louisiana State University, & University of Kansas Injection Therapies Workshop May 12, 2007

University of Texas Medical Branch Ultrasound Course Houston, TX February 27, 2008

American Medical Athletic Association Sports Medicine 37<sup>th</sup> Annual Symposium Boston Marathon Boston, MA April 19-20, 2008

## **Genzyme Biosurgery**

Synvisc Workshop Speakers Bureau

Arlington, TX, April 29, 2008

Buffalo, NY, August 14-16, 2008

UNT Health Science Center/Division of Rheumatology (1st location)

JPS Sports Medicine (2<sup>nd</sup> location)

Dallas, TX, September 9, 2008

Troy, Michigan, October 2, 2008

Houston, TX, November 18, 2008

#### **Sanofi-Aventis**

Hyalgan Speaker Bureau:

The Senior Network: Don't Let Osteoarthritis of the Knee Become a Pain

Houston, TX, July 7, 2008

Houston, TX, July 16, 2008

Houston, TX, December 10, 2008

Hyalgan Speaker Training Meeting

Miami, FL

December 5-6, 2008

#### **Sanofi-Aventis**

Hyalgan Speaker Bureau:

The Senior Network: Don't Let Osteoarthritis of the Knee Become a Pain

Houston, TX, August 11, 2009 Houston, TX, November 10, 2009

University of Texas Medical Branch

Electromyography and Cervical Dystonia Regional Ultrasound Workshop

Houston, TX

February 6, 2009

#### **Genzyme Biosurgery**

Synvisc-One Speaker Training Meeting

Las Vegas, NV-February 24, 2009

Tulsa, OK-October 8-9, 2009

University of Rochester, New York, NY, December 22, 2009

Association of Academic Physiatrists

**Annual Meeting** 

Physiological Basis of Musculoskeletal Injuries from Basic Science to Clinical Applications

Colorado Springs, Colorado

February 24-28, 2009

University of Puerto Rico- School of Medicine-Medical Science Campus

23<sup>rd</sup> Annual Conference on Exercise Sciences & Sports Medicine

The Science and Medical Care of Endurance Sports

San Juan, Puerto Rico

March 26-27, 2009

#### SonoSite, Inc

Musculoskeletal Ultrasound Consulting Physician Diagnostic Ultrasound in a Musculoskeletal Practice Sonosite National Meeting Miami, FL, April 21, 2009

Introduction to Diagnostic Musculoskeletal Ultrasound Stanford University, Palo Alto, CA, June 19, 2009 Irving, TX, July 18, 2009 Houston, Texas, August 29, 2009 New Orleans, LA, September 26, 2009 Seattle, WA, November 6. 2009 Augusta, GA, December 4-6, 2009

## Orthotalk, Inc

Shoulder Ultrasound Training Houston, TX October 3, 2009

#### Sonosite, Inc

National Meeting/Ultrasound Training Dallas, TX, February 9-10, 2010 Tampa, FL, May 1-2, 2010

## **Genzyme Biosurgery**

Synvisc One Presentation and In-Service Tucson, AZ, March 3-4, 2010 Phoenix, AZ, June 22-23, 2010 Oklahoma City, OK, July 22-23, 2010

American College Sports Medicine-Gatorade Lecture/ Presentation Houston, TX March 5, 2010

BCM/UT Resident In-Service Injection Workshop Houston, TX March 19, 2010 August 6, 2010

Baylor College of Medicine/University of Texas PM&R Residency Program Upper Quarter Anatomy: Cross Sectional and Diagnostic Ultrasound Correlation Houston, TX August 6, 2010

**UTMB** Health

Electromyography Workshop: Cervical Dystonia Upper Limb Spasticity

Houston, TX

February 4-5, 2011

UTHSC cadaver Ultrasound Course

Houston, TX

October 1, 2011

Veterans Administration Ultrasound Tutorial

Houston, TX

November 3 and 10, 2011

American Academy of Physical Medicine & Rehabilitation

2011 Annual Assembly

Orlando, Florida

The Physiatrist as Medical Director

November 16, 2011

Advanced Musculoskeletal Ultrasound Applications

November 16, 2011

## **Genzyme Biosurgery**

Synvisc One Presentation and Ultrasound Techniques

Houston, TX

December 7, 2011

American Academy of Physical Medicine & Rehabilitation

2012 Annual Assembly

Diagnostic and Interventional Musculoskeletal Ultrasound of the Lower Extremity

Las Vegas, NV

February 10-12, 2012

#### **UTMB EMGWorkshop**

Houston, TX

February 9-11, 2012

Genzyme Ultrasound Workshop

Synvisc One Presentation and Ultrasound Techniques

Chicago, IL

May 18, 2012

**ACSM Annual Meeting** 

San Francisco, CA

May 29-June 2, 2012

6<sup>TH</sup> Annual AIUM Mayo Clinic Diagnostic & Interventional Musculoskeletal Ultrasound Course

Table trainer Mayo Clinic Phillips Hall July 18-22, 2012

Baylor College of Medicine/University of Texas Medical Branch

PM&R Residency Program

Musculoskeletal Ultrasound Cadaver Course: Neck and Shoulder Cervical Dystonia Injection

Houston, TX

September 6 and 8, 2012

August 22 and 24, 2013

American Academy of Physical Medicine & Rehabilitation Annual Assembly

Hands-On Diagnostic Musculoskeletal Ultrasound:

In-Depth Intro to Uses and Techniques

**Course Director** 

Atlanta, GA

November 13-14, 2012

#### AOCPM&R

Musculoskeletal Ultrasound Course for the Hip and Related Structures

Table trainer

Breckenridge, CO

January 18-20, 2013

Musculoskeletal Ultrasound Course/Training

Atlanta, GA

January 25-27, 2013

15<sup>th</sup> Annual Physical Medicine & Rehabilitation Scientific Day

UT Southwestern Medical Center T. Boone Pickens Biomedical Building

Lecture: Musculoskeletal Ultrasound in Education

Musculoskeletal Ultrasound Workshop:

Basic Hands-on Musculo-Skeletal Ultrasound on Healthy Models

Dallas, Texas.

May 10, 2013

American Academy of Physical Medicine & Rehabilitation

Advanced Diagnostic and Interventional Ultrasound

Techniques for Tendinopathy

Table trainer

Tampa, Florida

May 17-18, 2013

7<sup>th</sup> Annual AIUM Mayo Clinic Diagnostic & Interventional

Musculoskeletal Ultrasound Course

Mayo Clinic Phillips Hall

Table trainer

June 26 -29, 2013

Inaugural Musculoskeletal Ultrasound Course of the Portuguese Society of PM&R Presenter and table trainer Lisbon, Portugal July  $12-14,\,2013$ 

American Academy of Physical Medicine & Rehabilitation Introduction to Diagnostic and Interventional Ultrasound Applications in Physiatry Course Director, Presenter, and Table trainer National Harbor, Maryland October 1 - 2, 2013

UTMB EMG Workshop PMR Electromyography Workshop and Upper Limb Spasticity Nerve Entrapments and Ultrasound Quentin Mease Community Hospital Houston, TX February 20 and 22, 2014

American Academy of Physical Medicine & Rehabilitation Diagnostic and Interventional Musculoskeletal Ultrasound of the Lower Extremity Presenter and Table trainer Tampa, Florida March 7-9, 2014

8<sup>th</sup> World Congress of the International Society of Physical and Rehabilitation Medicine Pre-course: Musculoskeletal Ultrasound: Elbow Table trainer June 1, 2014

Symposium: Advances in Musculoskeletal and Sport Rehabilitation (Course and CME Sponsored by American Academy of Physical Medicine & Rehabilitation) Platelet Rich Plasma and other Biologic Treatments in Musculoskeletal Injuries Cancun, Mexico June 4, 2014

7<sup>th</sup> Annual AIUM Mayo Clinic Diagnostic and Interventional Musculoskeletal Ultrasound Course Table trainer Mayo Clinic Phillips Hall Rochester, Minnesota July 10-12, 2014 American Academy of Physical Medicine & Rehabilitation

2014 Annual Assembly

Sports Physiatrist: How to Be on Top of Your Game

Medical Coverage of Endurance Events

Ultrasound Intensive Hand and Wrist in Musculoskeletal Medicine

Table trainer

Understanding Scapular Muscle Anatomy and Injury Through Ultrasonography

Table trainer

Advanced Musculoskeletal Ultrasound Applications for Difficult Clinical Cases: 2 slides, 2

Minutes, 2 Questions

San Diego, CA

November 13-16, 2014

Methodist Primary Care Sports Medicine Fellowship Program

Musculoskeletal Ultrasound training

Houston, TX

March 7-8, 20015

The OrthoBiologic Institute

6<sup>th</sup> Annual PRP & Regenerative Medicine Symposium with Cadaver Lab

Las Vegas, NV

Cadaver Lab table trainer

June 12-14, 2015

Invited Professorship

University of Medicine and Dentistry New Jersey

Department of PM & R

New Jersey Society of Physical Medicine and Rehabilitation

Newark, New Jersey

A Sonographic Demonstration of Extended Field of View

**Interesting Cases Using Sonography** 

August 24, 2015

**Ultrasound Guided Injections** 

Musculoskeletal Ultrasound and Spasticity Anatomy Course:

**Baylor College of Medicine** 

Houston, TX

Sept. 10 & 12, 2015

American Academy of Physical Medicine & Rehabilitation Annual Assembly

Pre-course: Fundamentals of Ultrasound

Tissue Differentiation Interactive Workshop

**Table Trainer** 

September 29-30, 2015

Running a Cash Practice

October 4, 2015

#### Hines Convention Center, Boston, MA

American Medical Society for Sports Medicine Annual Meeting Advanced Sports US Pre-course Table Trainer Dallas, TX April 15, 2016

Dannemiller Interventional Pain Management Techniques Using Fluoroscopic Guidance and Ultrasound: A Hands-on Cadaver Workshop Ultrasound Guided Peripheral Joint Injections Ultrasound Hands-on Workshop San Antonio, TX March 11-13, 2016

American Medical Society for Sports Medicine Annual Meeting Advanced Sports US Pre-course Table Trainer Dallas, TX April 15, 2016

National Center for Sports Safety and Security Conference & Exhibition

- -How to Prepare for Medical Emergencies and Casualties
- -National Table Top Exercise: Opportunity to Assess Your Preparation, Mitigation,

Preparedness, Response and Recovery and Protocols, Plans and Capabilities to the designed Scenarios

The JW Marriott Desert Ridge Resort & Spa

Phoenix Arizona

July12-14, 2016

Ultrasound Guided Injections Cadaveric Musculoskeletal Ultrasound and Spasticity Anatomy Course Baylor College of Medicine Houston, TX Sept. 22 & 24, 2016

American Academy of Physical Medicine & Rehabilitation Annual Assembly Pre-course: Clinical Applications of Ultrasound Shoulder Clinical Applications and Pathology with Ultrasound New Orleans, LA October 19, 2016

American Osteopathic College of Physical Medicine & Rehabilitation Musculoskeletal Ultrasound Course Table trainer Denver, CO January 19-22, 2017 Ultrasound Guided Peripheral Joint Injections

Ultrasound Hands-on Workshop

Dannemiller Interventional Pain Management Techniques Using Fluoroscopic Guidance and

Ultrasound: A Hands-on Cadaver Workshop

San Antonio, TX

February 24-25, 2017

Baylor College of Medicine

51st Annual Physical Medicine & Rehabilitation Comprehensive Review

Musculoskeletal Lecture of Upper and Lower Extremity

Houston, TX

March 30, 2017

American Medical Society of Sports Medicine

Advance Sports US Pre-course

**Table Trainer** 

San Diego, CA

May 8-10, 2017

The Orthobiologic Institute

8<sup>th</sup> Annual PRP & Regenerative Medicine Symposium

Workshops & Cadaver Labs

MSK Ultrasound-guided Injections Basics

Las Vegas, NV

June 8-10, 2017

National Athletic Trainers Association Annual Meeting

NATA Foundation Distinguished Scholars Presentation

NATA/ACSM exchange lecture

Marathon Medical Coverage: Cardiac Resuscitation

George Bush Convention Center

Houston, TX

June 27, 2017

Next Step Interventional Ultrasound: Hands-on PM&R Applications

Common Wrist and Hand Injections

Table trainer

Shirley Ryan AbilityLab – Chicago, IL

August 18-20, 2017

American Academy of Physical Medicine & Rehabilitation Annual Assembly

Pre-course: Step One: Ultrasound Clinical Applications of the Extremities

Shoulder Clinical Applications and Pathology with Ultrasound

Hip "The long view" with Selected Pathology on Ultrasound

Table trainer

Denver, CO

October 10-11, 2017

Ultrasound Guided Peripheral Joint Injections
Dannemiller Interventional Ultrasound Pain Management Techniques: A Head-To-Toe,
Comprehensive Live Model Workshop
San Antonio, TX
February 24-25, 2018

Baylor College of Medicine 52nd Annual Physical Medicine & Rehabilitation Comprehensive Review Musculoskeletal Medicine: Upper and Lower Extremity and Special Topics Houston, TX March 23, 2018

American Medical Society of Sports Medicine
How to Set Up a Cash Practice ICL #9
Advance Sports US Pre-course: table trainer
Diagnostic Ultrasound of the Volar Wrist and Hand – Review of Common Injuries and Overview ICL #13: table trainer
Dorsal Wrist and Hand ICL #23: table trainer
Lake Buena Vista, FL
April 24-29, 2018

Next Step Interventional Ultrasound: Hands-on PM&R Applications Common Wrist and Hand Injections Table trainer Shirley Ryan Ability Lab – Chicago, IL August 24-25, 2018

# John C. Cianca, M.D. Continuing Medical Education

#### **Musculoskeletal Training:**

Physical Medicine & Rehabilitation Board Review Course Baylor College of Medicine, Houston, TX 29th Board Review Course, March 18, 1995

30th Board Review Course, March 16, 1996 31st Board Review Course, March 22, 1997

32<sup>nd</sup> Board Review Course, March 21, 1998

33<sup>rd</sup> Board Review Course, March 18, 1999

34th Board Review Course, March 10,12, 2000

35th Board Review Course, March 16, 2001

36<sup>th</sup> Board Review Course, March 16,17, 2002

37<sup>th</sup> Board Review Course, February 24, 2003 38<sup>th</sup> Board Review Course, March 22, 2004

American College of Sports Medicine - Team Physician's Course (Part I) February 9-13, 1994 - Dallas, TX - Grand Pinscey Hotel

Occupational Rehabilitation Medicine Course Department of Physical Medicine & Rehabilitation February 26, 1994 - Houston, TX - Baylor College of Medicine

Southern Pain Society - Cervical Spine & Shoulder in Sports & Industry March 12-13, 1994 - Dallas, TX - A. Webb Roberts Center

17th Annual Lewis A. Leavitt, M.D. Memorial Lectureship Baylor College of Medicine - June 17, 1994 - Houston, TX 18th Annual Lewis A. Leavitt, M.D. Memorial Lectureship Baylor College of Medicine - June 9, 1995 - Houston, TX 21<sup>st</sup> Annual Lewis A. Leavitt, M.D. Memorial Lectureship Baylor College of Medicine-June 12, 1998 – Houston, TX 22<sup>nd</sup> Annual Lewis A. Leavitt, M.D. Memorial Lectureship Baylor College of Medicine-June 25, 1999 – Houston, TX 23<sup>rd</sup> Annual Lewis A. Leavitt Memorial Lectureship Baylor College of Medicine-June 23, 2000-Houston, TX -

Myofascial Pain / Fibromyalgia Course Baylor College of Medicine-Department of Physical Medicine & Rehabilitation August 26-27, 1994 - Houston, TX

Clinical Aspects & Management of Myofascial Trigger Point Pain September 24-25, 1994 - Washington, DC

American Academy of Physical Medicine & Rehabilitation
Shoulder Impingement/Rehabilitation
Diagnosis and Treatment of Piriformis Syndrome and Sacroiliac Joint Derangement
Manual Medicine Approach to Shoulder Pain, Successful Introduction of an Exercise
Physiologist into a Physiatry Practice
Exercise Prescription as a Continuum of Manual Medicine
October 8-12, 1994 - Anaheim, CA

Musculoskeletal Injury and the Spine Baylor College of Medicine- Department of Physical Medicine & Rehabilitation December 16-17, 1994 - Houston, TX

When the Foot Hits the Ground Everything Changes February 3-5, 1995 - Lake Tahoe, NV

American College of Sport Medicine-Team Physician's Course (Part II)

February 8-12, 1995- Tampa, FL

Botulinum Toxin Use in the Treatment of Pain Associated with Muscle Dysfunction October 13-14, 1995 - St. Paul, MN

Annual Scientific Assembly of the American Academy of Physical Medicine & Rehabilitation, Orlando, Florida, November 16-20, 1995

PASSOR - Hands on Cadaver Course La Jolla, California March 16-17, 1997

The Athlete's Body and Special Topics in Sports Medicine Baylor College of Medicine, Department of Physical Medicine & Rehabilitation April 26-27, 1996, Houston, TX

International League of Associations for Rheumatology - XIX Congress of Rheumatology-Singapore International Convention & Exhibition Centre Singapore, June 8-13, 1997

Current Issues of Magnetic Resonance Imaging in Orthopedics and Sports Medicine San Francisco, CA, September 3-6, 1997

American Academy of Physical Medicine & Rehabilitation 59<sup>th</sup> Annual Assembly Human Biomechanics: What Poliomyelitis Has Taught Us Shoulder Impingement Syndrome: Diagnostic and Treatment Approaches on Manual Medicine, Sports Medicine and Myofascial Pain Rehabilitation Topics—Scientific Paper Presentations Atlanta, Georgia, November 13-16, 1997

Annual Scientific Assembly of the American Academy of Physical Medicine & Rehabilitation, Neck Pain: Evaluation and Treatment

The Patient with Acute Lumbosacral Radicular Symptoms: What's really been proven to help? From Acute Muscle Injury to Myofascial Pain--A State-of-Art Update (Part1)

From Acute Muscle Injury to Myofascial Pain--A State-of Art Update(Part 2)

Clinical Update--Imaging Review and Physical Examination of the Shoulder and Cervical Spine Current Concepts in Sports Medicine—The Throwing Athlete

Seattle, Washington, November 5-8, 1998

10.50 Category 1 CME Credits

American College of Sport Medicine Annual Meeting Seattle, Washington, June 2-5, 1999

Texas Regional Chapter, American College of Sports Medicine, Scott and White Memorial Hospital, February 11-12, 2000, College Station, Texas

47<sup>th</sup> Annual Meeting American College of Sports Medicine Annual Meeting, May 31- June 3, 2000, Indianapolis, Indiana

Practical Electrodiagnosis, sponsored by The University of Texas Health Science Center at San Antonio, June 9-11, 2000, at Holiday Inn Riverwalk, San Antonio, Texas

American Medical Athletic Association Sports Medicine Symposium at the Marine Corps Marathon, Arlington Hospital

Arlington, VA.

October 20-21, 2000

48<sup>th</sup> Annual Meeting American College of Sports Medicine Annual Meeting, 2001, Baltimore, Maryland May 39 – June 2

American Academy of Physical Medicine & Rehabilitation 62<sup>nd</sup> Annual Assembly

PASSOR: Bone Health for the Millennium:

The Female Athlete

Stress Fractures in the Female Athlete

The Spine

The Female Knee

San Francisco, CA

November 2-5, 2000

12.50 Category 1 CME Credits

The Running Course sponsored by North American Seminars, Inc.

Dallas, Texas

January 27-28, 2001

49<sup>th</sup> Annual Meeting American College of Sports Medicine

St. Louis, Missouri

May 29 – June 1, 2002

American Academy of Physical Medicine & Rehabilitation

2002 PASSOR Annual Assembly

Cervical Spine Disorders: Evidence-Based Medicine-Consensus and Controversy

Cervical Course: Failed Surgery Syndrom/Chronic Pain

The Paralympic: The Athletes Perspectives

November 21, 2002

8.25 Category 1 CME Credits

50<sup>th</sup> Annual Meeting American College of Sports Medicine

San Francisco, California

May 28 - 31, 2003

American Academy of Physical Medicine & Rehabilitation 2003 PASSOR Annual Assembly

The Down Runner/Choosing and Using Relevant Clinical Practice Guidelines October 9-11, 2003 5.50 Category 1 CME Credits

American Academy of Physical Medicine & Rehabilitation 2004 PASSOR Annual Scientific Assembly Musculoskeletal Concerns of Seniors October 7-9, 2004 13.50 Category 1 CME Credits

University of Virginia Health Systems Running Medicine 2004: Sports Medicine for the Endurance Athlete Charlottesville, VA April 1-3, 2004

American Road Race Medical Society Meeting South Michigan Avenue, Chicago October 8, 2005

American College of Sports Medicine Annual Meeting Nashville, TN June 1-4, 2005

Running Medicine 2005 Focus on Biomechanics and the Foot and Ankle Charlottesville, VA March 31- April 2, 2005

9<sup>th</sup> Annual Houston Conference on Health Informatics Is It Just a Game: Performance and Ethics in Sports Medicine May 27, 2005

Drayer Physical Therapy Institute National Conference Las Vegas, NV October 11-14, 2006

53<sup>rd</sup> American College of Sports Medicine Annual Meeting Denver, Co May 31-June 3, 2006

Rehabilitation Institute of Chicago Sport & Spine Rehabilitation Symposium: Functional Approach to the Spine Chicago, IL April 27-29, 2007 54<sup>th</sup> American College of Sports Medicine Annual Meeting New Orleans, Louisiana May 30-June 2, 2007

Gatorade Sports Science Institute

Scientific Conference: Sodium Balance & Exercise

Vail, Colorado July 18-22, 2007

American Academy of Physical Medicine & Rehabilitation Annual Assembly September 27, 2007

8.5 Category 1 CME Credits

American Medical Athletic Association Sports Medicine 37<sup>th</sup> Annual Symposium Boston Marathon Boston, MA April 19-20, 2008 4 Category 1 CME Credits

American College of Sports Medicine 55<sup>th</sup> Annual Symposium Indianapolis, IN May 28-31, 2008 27.75 AMA PRA Category 1 Credits

American Medical Athletic Association 17<sup>th</sup> Annual Sports Medicine Symposium at the Marine Corps Marathon Arlington, VA October 24-26, 2008 5 Category 1 CME Credits

American Academy of Physical Medicine & Rehabilitation Annual Assembly San Diego, CA
November 20, 2008
15 Category 1 CME Credits

Association of Academic Physiatrists

**Annual Meeting** 

Physiological Basis of Musculoskeletal Injuries from Basic Science to Clinical Applications Colorado Springs, Colorado

February 24-28, 2009

3.5 AMA PRA Category 1 Credits

University of Puerto Rico- School of Medicine-Medical Science Campus 23<sup>rd</sup> Annual Conference on Exercise Sciences & Sports Medicine The Science and Medical Care of Endurance Sports San Juan, Puerto Rico

March 26-27, 2009 11 Category 1 Credits

American Academy of Disability Evaluating Physicians Designated Doctor and Physician Training Course Fort Worth, TX May 1-2, 2009 15.0 AMA PRA Category 1 Credits

American College of Sports Medicine 56<sup>th</sup> Annual Symposium Seattle, WA May 27-30, 2009

International Olympic Committee 2<sup>nd</sup> Annual Advanced Team Physician Course Stanford, CA June 20-23, 2009

American Academy of Physical Medicine & Rehabilitation Austin, TX October 22, 2009 13 Category 1 CME Credits

American College of Sports Medicine 57<sup>th</sup> Annual Symposium 2010 Annual Meeting & World Congress on Exercise in Medicine Baltimore, MD June 1-4, 2010 31.25 AMA PRA Category 1 Credits

American Academy of Physical Medicine & Rehabilitation Annual Assembly Seattle, WA
November 4, 2010
27 Category 1 CME Credits

Wilderness and Travel Medicine Squaw Valley, CA August 24-28, 2011 23 AMA PRA Category 1 Credits

American Academy of Physical Medicine & Rehabilitation Las Vegas, NV June 10, 2011 13 Category 1 CME Credits Annual Assembly November 11, 2011 26 Category 1 CME Credits American Academy of Physical Medicine & Rehabilitation Annual Assembly Kissimmee, FL
November 17, 2011
11 Category 1 CME Credits

American Academy of Physical Medicine & Rehabilitation Annual Assembly San Diego, CA November 13-16, 2014 15 AMA PRA Category 1 Credits

American Academy of Physical Medicine & Rehabilitation Annual Assembly Boston, MA October 1-4, 2015 30 AMA PRA Category 1 Credits

AAOM 34<sup>th</sup> Annual Conference and Scientific Seminar Lyftogt Perineural Injection Treatment Workshop Seattle, WA April 19-22, 2017

American College of Sports Medicine 8<sup>th</sup> World Congress on Exercise is Medicine and World Congress on Basic Science of Exercise and Brain Denver, CO May 31-June 1, 2017

The Orthobiologic Institute 8<sup>th</sup> Annual PRP & Regenerative Medicine Symposium Workshops & Cadaver Labs Las Vegas, NV June 8-10, 2017

## **Medical Acupuncture:**

Acupuncture for Physicians Course, UCLA School of Medicine Santa Monica, California-June 13-16,1996 Home Video Study June-November 1996 Clinical Experience-December 6-15, 1996

AAMA Symposium: Energetic and Physiologic Basis of Acupuncture≅ Sponsored by the Maricopa Medical Center and the American Academy of Medical Acupuncture, May 30-June 1,1997, Arlington, Virginia

1998 AAMA PRE-Symposium Workshop: "Palpation Skills in Acupuncture Points and Pulses" San Diego California, April 2, 1998

"The Diversity of Acupuncture: Local and Distant Treatment Strategies" San Diego, California, April 2-5, 1998. Sponsored by the Maricopa Medical Center and the American Academy of Medical Acupuncture

Five Element Acupuncture for Physicians Intermediate Program La Jolla, California, September 12-17, 1998

1999 AAMA Symposium: "Controversies in Acupuncture" sponsored by the Maricopa Integrated Health System and the American Academy of Medical Acupuncture, Chicago, Illinois April 8-11, 1999

Acupuncture for Sports Injuries Workshop UCLA School of Medicine The Tempe Mission Palms, Tempe, AZ, September 25-26, 1999

2000 AAMA Symposium: "Unveiling the Mysteries of Acupuncture: Energetics, Myofascia and Neurophysiology" sponsored by the Maricopa Integrated Health System and the American Academy of Medical Acupuncture, and the American Academy of Medical Acupuncture, April 27–30, 2000, Orlando, Florida

Medical Acupuncture Review Course sponsored by Maricopa Integrated Health System and the American Academy of Medical Acupuncture, December 2-3, 2000, Phoenix, Arizona

Medical Acupuncture Clinical Skills for Preceptors, UCLA School of Medicine, January 1 – June 30, 2003

Medical Acupuncture for Physicians: Returning Warrior Program, UCLA School of Medicine, May 16 – 25, 2003, The Tempe Mission Palms, Tempe, Arizona

UCLA School of Medicine Medical Acupuncture Advanced Clinical Skills for Preceptors January 1-June 30, 2004-Various

Helms Medical Institute Acupuncture for Physicians Tempe, AZ December 4-5, 2004

UCLA Medical Acupuncture Meeting Berkeley, CA May 19-23, 2005

Helms Medical Institute-Acupuncture for Physicians Tempe, AZ May 21-23, 2005 Helms Medical Institute Medical Acupuncture for Physicians Tempe, AZ May 19-28, 2006

American Academy of Medical Acupuncture Gokavi Transverse Technique Workshop San Francisco, CA February 25-26, 2006

American Academy of Medical Acupuncture:

The use of Kiiko Matsumoto's & Myofascial Treatment Strategies in Gynecological Conditions: uncovering the Deep Neuroanatomic Map of Somato-Viscero/viscera-Somatic Reflexes Chicago, Illinois March 1-2, 2008

13 AMA PRA Category 1 Credits

American Academy of Medical Acupuncture 20<sup>TH</sup> Annual Symposium Washington, DC April 10-13, 2008

## **Musculoskeletal Ultrasound:**

American Institute of Ultrasound in Medicine A Practical, Hands On Approach New York, NY August 19-21, 2005

15<sup>th</sup> Annual Conference on Musculoskeletal Ultrasound Winter Park, FL November 6-8, 2005

American Academy of Physical Medicine & Rehabilitation Annual Assembly Fundamentals of Diagnostic Musculoskeletal Ultrasound Honolulu, Hawaii November 8-12, 2006 5 Category 1 CME Credits

The Association for Medical Ultrasound AIUM-Hands On Musculoskeletal Ultrasound: Diagnostic and Interventional Techniques July 13-14, 2007

American Academy of Physical Medicine & Rehabilitation Diagnostic Musculoskeletal Ultrasound for the Physiatrist San Diego, CA November 19-23, 2008 8 AMA PRA Category 1 Credits University of Texas Medical Branch
Electromyography and Cervical Dystonia Regional Ultrasound Workshop
Musculoskeletal Ultrasound Anatomy
Musculoskeletal Ultrasound Chemodenervation for ULS
Houston, TX
February 4-5, 2009
5 AMA PRA Category 2 Credits

American Academy of Physical Medicine & Rehabilitation Hands-On Diagnostic Musculoskeletal Ultrasound: Where We've Been and Where We Are Headed Austin, TX October 21-22, 2009 12.75 Category 1 CME Credits

American Academy of Physical Medicine & Rehabilitation Musculoskeletal Ultrasound of Upper Extremity Las Vegas, NV June 11, 2010 24.50 Category 1 CME Credits

American Academy of Physical Medicine & Rehabilitation Annual Assembly Hand-On Diagnostic Musculoskeletal Ultrasound Seattle, WA November 2, 2010 19.75 Category 1 CME Credits

American Academy of Physical Medicine & Rehabilitation Diagnostic and Interventional Musculoskeletal Ultrasound of Lower Extremity Las Vegas, NV February 11, 2011 5.50 Category 1 CME Credits

American Academy of Physical Medicine & Rehabilitation Diagnostic and Interventional Musculoskeletal Ultrasound of Upper Extremity Las Vegas, NV June 10, 2011 12 Category 1 CME Credits

American Academy of Physical Medicine & Rehabilitation -Faculty Live Activity Hands-On Diagnostic Musculoskeletal Ultrasound: In-Depth Intro to Uses and Techniques Atlanta, GA
November 15, 2011

## 32.25 Category 1 CME Credits

American Academy of Physical Medicine & Rehabilitation -Faculty Live Activity Diagnostic and Interventional Musculoskeletal Ultrasound of the Lower Extremity Las Vegas, NV February 10-12, 2012 20.0 Category 1 CME Credits

## **AOCPMR Course**

Musculoskeletal Ultrasound Evaluation and Injection Procedures Of the Hip and Related Structures Beaver Run Resort Breckenridge, CO January 18-20, 2013 18.75 Category 1A CME Credits

7<sup>th</sup> Annual AIUM Mayo Clinic Diagnostic & Interventional Musculoskeletal Ultrasound Course Mayo Clinic, Phillips Hall June 26 -29, 2013 22.50 Category 1 CME Credits

American Academy of Physical Medicine & Rehabilitation Introduction to Diagnostic and Interventional Ultrasound Applications in Physiatry Course Director, Presenter, and Table trainer National Harbor, Maryland October 1 - 2, 2013 26.0 Category 1 CME Credits

American Academy of Physical Medicine & Rehabilitation ISPRM Symposium: Advances in Musculoskeletal and Sports Rehabilitation Cancun, Mexico June 4, 2014 8.0 AMA PRA Category 1 Credits

8<sup>th</sup> Annual AIUM Mayo Clinic Diagnostic and Interventional Musculoskeletal Ultrasound Course Mayo Clinic, Phillips Hall July 10-12, 2014 24.75 AMA PRA Category 1 Credits

American Academy of Physical Medicine & Rehabilitation Introduction to Diagnostic and Interventional Ultrasound Applications in Physiatry San Diego, CA November 13-16, 2014 21 AMA PRA Category 1 Credits American Academy of Physical Medicine & Rehabilitation SAE-P Introduction to Musculoskeletal Ultrasound December 18, 2014
8 AMA PRA Category 1 Credits

The University of Texas Medical Branch at Galveston 2015 Musculoskeletal Ultrasound Upper Limb Spasticity Anatomy Workshop Houston, TX September 10–12, 2015 3.00 AMA PRA Category 1 Credits

American Academy of Physical Medicine & Rehabilitation Fundamentals of Ultrasound Boston, MA September 29-30, 2015 16 AMA PRA Category 1 Credits

Mayo School of Continuous Professional Development 5th Annual Comprehensive Sports Medicine Update and Board Review 2016 Loews Minneapolis Hotel Minneapolis, MN June 22-25, 2016 30.25 AMA PRA Category 1 Credits

The University of Texas Medical Branch at Galveston 2016 Cadaver Musculoskeletal Ultrasound and Spasticity Anatomy Course Houston, TX September 22 - 24, 2016 3.00 AMA PRA Category 1 Credits

AAPM&R 2016 Annual Assembly New Orleans, LA October 20 - 23, 2016 18.0 AMA PRA Category 1 Credits

AAOM 34<sup>th</sup> Annual Conference and Scientific Seminar Lyftogt Perineural Injection Treatment Workshop Seattle, WA April 19-22, 2017 22 AMA PRA Category 1 Credits