

Session 4: Medical Spine Care: Treatment Based on the Use of The Pain Mechanism Classification System

Course Instructors:

Peripheral Pain Mechanisms: Michael C. Geraci, Jr., MD, PT

Central Pain Mechanisms: Joe Lorenzetti, PT, DPT, MS, FAAOPMP, Cert. MDT, MTC

Course Instructors Background:

Michael C. Geraci, Jr., MD PT

Dr. Geraci received his Bachelor of Science Degrees in Business Commerce at Niagara University in 1975 and Physical Therapy from Daemen College in Amherst, NY, in 1979. His medical training began at the Autonomous University of Guadalajara in Mexico receiving his medical degree in 1983 and additional M.D. degree as well as medical training and residency at the SUNY at Buffalo Jacobs School of Medicine and Biomedical Sciences from 1984-1988. Currently he is the Owner and Medical Director of his own private practice. He was the Sports Medicine and Fellowship Program Director at Buffalo Spine & Sports Institute, P.C., which he co-founded in 1991, through 2011. Also, he is a Clinical Associate Professor of Physical Medicine and Rehabilitation at SUNY at Buffalo and Michigan State University, College of Osteopathic Medicine. Dr. Geraci, in 2017, became the medical director of the Catholic Health Comprehensive Spine Center. He has served as a non-operative committee member of the North American Spine Society, as well as being a former Board of Director and Charter Member of the Physiatrix Association of Spine, Sports and Occupational Rehabilitation (PASSOR). Other affiliations include the North American Spine Society (NASS), Spine Intervention Society, American College of Sports Medicine and The American Institute of Ultrasound in Medicine. He continues to serve as the co-chair of the NASS Evidence and Technology Spine Summit annually.

Dr. Geraci is board certified and a fellow of the American Academy of Physical Medicine and Rehabilitation with subspecialty board certification in Sports Medicine. Some of the most rewarding experiences has been training 24 fellows in spine care, sports medicine, manual medicine/exercise, diagnostic ultrasound and fluoroscopically guided injections since 1992. The author of over 20 scientific articles and book chapters, he is currently involved in research and teaching in the field of functional exercise as well as Regenerative Medicine (use of Stem Cells and Platelet Rich Plasma) in the shoulder, knee, hip joints and lumbar discs. Dr. Geraci has given more than 125 invited presentations at national scientific meetings, chaired more than 40 courses, and given more than 150 lectures and workshops. Among the research and teaching awards he received are the Prince Visiting Professor Fellowship and Mike Hage Lectureship Award for Passion, Compassion & Willingness to Share, from the Rehabilitation Institute of Chicago, Kessler Medical Rehabilitation Research and Education Corporation, Excellence in Clinical Practice Award, The Avalon Cole Lectureship Award, University of Virginia, and the PASSOR 2006 Distinguished Clinician Award. He is the only physician in his field selected by his peers to be included in the Best Doctors in America Database for 13 years in a row, 2005-

2017. Dr. Geraci was also named for the past 4 years to America's Top Doctors by Castle Connolly, Ltd., 2013-2017. He played two years of professional soccer after playing 4 years of Division I college soccer, and continues to serve as consulting team physician to a number of high schools, colleges and professional sports teams. He was team physician to a National Professional Soccer League team, the Buffalo Blizzard, from 1992-2001.

Joe Lorenzetti PT, DPT, MS, OCS, FAAOMPT, Cert. MDT, MTC

Joe Lorenzetti graduated from D'Youville College in 2004 with his Master's degree in Physical Therapy. In 2010, he completed his Doctorate in Physical Therapy through the University of St. Augustine in St. Augustine, Florida. Joe also earned his Manual Therapy Certification through the same University. He is also certified in Mechanical Diagnosis and Therapy (MDT). Most recently, he finished the Orthopedic Manual Physical Fellowship offered by Daemen College. Upon completion, he became a Fellow of the American Academy of Orthopedic Manual Physical Therapy. He most recently completed the orthopedic clinical specialist examination through the American Physical Therapy Association. Joe serves as a Fellowship mentor for the McKenzie Institute. He is also an adjunct instructor for both the Bryant & Stratton College Physical Therapy Assistant program and the Daemen College Orthopedic Manual Physical Therapy program.

Time Block: 1 hour

Session Format: Discussion, Lecture/PowerPoint Presentation
50 Minute Presentation/10 Minute Q&A

Session Objectives:

Upon completion of this course participants should be able to:

1. Classify pain into one or more of the 3 peripheral and/or 3 central mechanisms in order to treat and not just manage pain;
2. Identify specific treatment based on each of the 3 peripheral pain mechanisms;
3. Identify specific treatment based on each of the 3 central pain mechanisms;
4. Understand how using the Pain Mechanism Classification System reduces the use of not just opioids but all pain medications;
5. Apply these principles in classifying pain to reduce the costs of spine care for medications, injections, surgery and imaging.