



COURSE TITLE: Evidenced Based Classification and Biomechanical Interventions for the Axial Skeleton

TECHNIQUES: Manual & Manipulative Therapy including high velocity, thrust techniques

COURSE INSTRUCTORS: Richard Erhard, PT, DC, FFAAOMPT
Michael Timko, PT, MS, FAAOMPT

PARTICIPANTS: Class size will be limited to 18 students, SO PLEASE, sign up quickly.

DATES/TIMES:	6/2 Friday	1:00 PM to 7:30 PM	LOCATION:	EUGENE, Oregon
	6/3 Saturday	8:30 AM to 4:00 PM		
	6/4 Sunday	8:00 AM to 12:00 PM	CEU's:	18.0

COURSE DESCRIPTION: This course will focus on clinical decision-making rationale and treatment implementation for neuromuscular dysfunction associated primarily with the axial skeleton. Topics and current evidence pertaining to the differential diagnostic process, the history and development of the clinical prediction rule for spinal manual therapy interventions, including high velocity, thrust techniques, and an overview of the clinical classification systems for the upper quarter and lower quarter will be presented. A variety of case studies as well as other published literature will be utilized to construct the clinical principles that will be emphasized during this course. Participants should come prepared to actively participate in laboratory sessions that will feature manual therapy assessment techniques and treatment interventions.

Richard E. Erhard, PT, DC, FFAAOMPT

Professor Erhard is Assistant Professor in the Department of Physical Therapy at the University of Pittsburgh, School of Health and Rehabilitation Sciences, and Head of Chiropractic and Physical Therapy Services, Spine Specialty Center, University of Pittsburgh Medical Center Health System. He received his B.A. from Thiel College, his Certificate in Physical Therapy from D.T. Watson School of Physiatrics, and his Doctor of Chiropractic degree from Logan Chiropractic College. Dr. Erhard has co-authored several peer-reviewed research papers, serves as Associate Editor for the *Journal of Manual and Manipulative Therapy*, and is a former member of the Editorial Board of the *Journal of Orthopaedic and Sports Physical Therapy*. Dr. Erhard is currently involved in the treatment and research of low back pain and cervical pain. Dr. Erhard is a founding member of the International Federation of Orthopaedic Manipulative Therapy (IFOMT) in 1974 and was its first president. He is also an original Founding member and Fellow of the American Academy of Orthopaedic Manual Physical Therapy (FAAOMPT) in 1992.

Michael Timko PT, MS, FAAOMPT

Professor Timko is an Assistant Professor in the Department of Physical Therapy at the University of Pittsburgh, School of Health and Rehabilitation Sciences. He is also a facility director for the Centers for Rehab Services. He received a bachelor degree in physical therapy from West Virginia University. A former Mountaineer quarterback, Mr. Timko completed studies at the University of Pittsburgh, including residency training in orthopedic manual therapy, and earned a post-professional masters degree in orthopedic physical therapy. He has lectured both at the local and national levels on a variety of topics pertaining to neuromuscular rehabilitation. He is a Fellow of the American Academy of Orthopaedic Manual Physical Therapy (FAAOMPT).

Both Dr. Erhard and Mr. Timko have extensive experience in providing post-professional education to physical therapists in the academic and clinical settings. Their experience includes preparing residents and clinicians in taking the OCS examination and AAOMPT Challenge Examination. In addition, both are involved in clinical research and evidence based practice, and work diligently to provide the most accurate and cutting edge information to the profession, particularly in the areas of manual therapy and treatment of the spine for a multitude of diagnoses and problems, including spinal stenosis.

They integrate the most reliable and effective methods for examination and management into a comprehensive program, including exercise, manipulation, and patient education, and have been involved in the development of much of this literature. The content of the courses highlights the latest evidence in the literature and the standard of care for physical therapists.

ENVIRONMENTAL: Cutting Edge Seminars, Inc. (CES), is an environmentally conscious institution. We will provide, in electronic digital format, all type-written material, emailed to the course participants for their convenience. Students may bring laptops to course to use to take notes, or print out such electronic documents on paper at their prerogative.