



S1 - Introduction to Spinal Evaluation and Manipulation

Tuition: \$895 (plus \$190 per credit hour if taken for graduate credit)

Hours: 35 or 3.5 CEUs or 3 graduate credits

Prerequisite: Pre-course FCO - Home study (included with S1)

Who Attends: Physical Therapists

This is a five-day seminar emphasizing interpretation of basic science knowledge toward the development of clinical skills needed for differential evaluation and effective treatment of spinal dysfunction. General principles of functional anatomy, tissue and joint biomechanics, pathology and treatments are applied to clinical examination and treatment. Includes instruction and techniques of evaluating structure, active movements and palpation for condition, position and mobility of the spine. Manipulation techniques are instructed at all levels of the spine except the subcranial area. Supportive treatments, such as exercises and distraction, are instructed and practiced to a limited degree. At the conclusion of the seminar, the student should feel confident to examine and treat most common spinal conditions.

Learning Outcomes:

At the completion of this seminar, the attendee should be able to:

- conduct a comprehensive physical examination of the spine
- describe the mechanisms and characteristics of spinal pain and the behavior of pain patients
- safely perform basic spinal manipulation techniques
- discuss and present cases with spinal dysfunction
- describe the indication and contraindications of spinal manipulation
- demonstrate an appreciation of the role of therapeutic exercise and preventative measures in the management of spinal dysfunction

DAY ONE	DAY TWO	DAY THREE	DAY FOUR	DAY FIVE
9:00 - 10:00 Welcome Introduction	8:00 Review 9:00 - 10:00 Palpation Condition and Position Lab - Cervical	8:00-9:30 Review and Manipulation Lecture 9:30 Manipulation Lab	8:00 Review 9:00 - 10:00 Syndromes (S/I)	8:00 Review 8:30 - 10:00 Evaluation (Cont'd)
10 AM BREAK	10 AM BREAK	10 AM BREAK	10 AM BREAK	10 AM BREAK
10:15 - 12:00 Structure Lecture Lab	10:15 -12:00 Palpation Mobility Lab	10:15 - 12:00 Manipulation Lab	10:15 - 12:00 Syndromes	10:15 - 12:00 Presentation of Findings From Evaluation
LUNCH HOUR	LUNCH HOUR	LUNCH HOUR	LUNCH HOUR	Cont'd
1:00 - 3:00 Active Movements Lecture/Lab	1:00 - 3:00 Palpation Mobility Lab (cont'd)	1:00 - 3:00 Manipulation Lab (cont'd)	1:00 - 2:00 Syndromes 2:00-3:00 Practice Lab	12:00 - 1:00 Review and Round Robin 1:00 End of Class
3 PM BREAK	3 PM BREAK	3 PM BREAK	3 PM BREAK	
3:15 - 5:30 Palpation Lecture/Lab	3:15 - 5:30 Palpation Mobility Lab (cont'd)	3:15 - 4:00 Manipulation Lab (cont'd) 4:00 - 5:15 Sacroiliac (S/I)	3:15 - 5:00 Evaluation	

Stanley V. Paris, Professor and Chairman, Board of Directors

Diploma - Physiotherapy	New Zealand School of Physiotherapy, University of Otago
BIM	British Institute of Management, New Zealand
PhD	Anatomy, Union Institute, Cincinnati, OH
FAAOMPT	American Academy Orthopaedic Manipulative Physical Therapy

Dr. Paris is the coordinator of the manual therapy seminars and is Chairman, Board of Directors of the University of St. Augustine for Health Sciences. Dr. Paris graduated from the New Zealand School of Physiotherapy in 1958 and obtained his Ph.D. from the Union Institute in 1984. He is a fellow of the American Academy of Orthopaedic Manipulative Therapy and the American Physical Therapy Association and on the New Zealand Manual Therapy Association as well as the North American Spine Society. He was the first President of the Orthopaedic Section, APTA and he was President of IFOMT.

A. Russell Smith Jr., Assistant Professor

BSPT	University Maryland at Baltimore, Baltimore, MD
MMSc	Emory University, Atlanta, GA
EdD	University of North Florida, Jacksonville, FL
OCS	Orthopaedic Specialty Council, ABPTS
MTC	University of St. Augustine for Health Sciences

Dr. Smith graduated from the University of Maryland School of Physical Therapy in 1980 and completed the Institute of Physical Therapy's Certification program in 1986. He graduated from Emory University with a Masters of Medical Science degree in 1991. He graduated from the University of North Florida with a Doctor of Educational Leadership degree in 2004. He has been a Board Certified Specialist in Orthopaedic Physical Therapy since 1993. Currently, he is an Assistant Professor at the University of North Florida in Jacksonville, Florida and in private practice. Clinically, his special interests include the development of effective examination and treatment methods integrating soft tissue mobility, joint manipulation and motor learning. His academic interests include psychomotor learning, the facilitation of critical thinking skills and the effective use of technology.

Jim Viti, Assistant Professor

BSPT	University of Maryland at Baltimore, Baltimore, MD
MScPT	University of St. Augustine for Health Sciences, St. Augustine, FL
DPT	University of St. Augustine for Health Sciences, St. Augustine, FL
OCS	Orthopaedic Specialty Council, ABPTS
MTC	University of St. Augustine for Health Sciences

A graduate from the University of Maryland in Baltimore in 1984, Dr. Viti received his Manual Therapy Certification from the Institute of Physical Therapy in 1991. He completed his manual therapy fellowship training in 1996 and received a Master of Science degree in 1997 from the Institute of Physical Therapy. He received his OCS certification in 1999 and a DPT degree from the University of St. Augustine in 2002. He is a Fellow of the American Academy of Orthopedic Manual Therapists and is currently teaching full time at the University of St. Augustine in both the entry level and post-professional programs. He continues to work clinically at First Coast Rehabilitation in St. Augustine Florida and supervises in both the advanced residency program, as well as the student physical therapy outpatient clinic at the University of St. Augustine. Dr. Viti has authored or coauthored a textbook chapter and 15 peer reviewed publications including abstracts, case reports and research articles related to orthopedics, biomechanics and manual therapy issues. His research interests include biomechanics, examination and treatment of spinal dysfunction. He recently received the Freddy Kaltenborn "Teach I Must" award for outstanding instruction of orthopedic manual therapy in a clinical residency program, which was awarded by the American Academy of Orthopedic Manual Physical Therapists.

Larry Yack, Instructor

BSPT	University of Colorado
MTC	University of St. Augustine for Health Sciences

Larry Yack graduated in 1974 with a Bachelor of Science in Biology from Long Island University in Greenvale, New York. He went on to receive a Bachelor of Science in Physical Therapy from the University of Colorado, Health Science Center, Denver, Colorado in 1976. Larry earned his certification in Manual Therapy (MTC) from the University of St. Augustine in 1981. Since graduating, his interests have been in the treatment of acute and chronic spinal problems. From 1976 through August of 2001 he worked in various hospitals, set up a multidiscipline pain clinic, industrial physical therapy clinic, and established a private practice (1982) in Denver, Colorado. In 1996 the practice was sold to Physiotherapy Associates. From 2003 to 2008 he worked with Physiotherapy Associates Sports Medicine Team traveling with the PGA tour. He now resides and practices in Northern Virginia.

Eric S. Furto, Instructor

BSPT	Northern Illinois University, DeKalb, IL
DPT	University of St. Augustine
FAAOMPT	University of St. Augustine for Health Sciences, St. Augustine, FL
MTC	University of St. Augustine for Health Sciences, St. Augustine, FL

Dr. Eric S. Furto graduated with a Bachelor of Science in Physical Therapy from Northern Illinois University in 2000. He has recently completed the Transitional Doctorate program through the University of St. Augustine in St. Augustine Florida. In 2003, Eric completed his Manual Therapy Certification from the University of St. Augustine. In 2004, he completed a one-year Manual Therapy Fellowship, also through the University of St. Augustine. In 2006, he was published in the peer reviewed journal *Cranio* with a publication on Temporomandibular Joint Dysfunction entitled Manual Physical Therapy Interventions and Exercise for Patients with Temporomandibular Joint Dysfunction.

Dr. Furto is currently employed at Orland Therapy Specialists, LTD, a PT owned practice in the south suburbs of Chicago. His clinical interests include the treatment of all orthopedic conditions with a combination of manual therapy and exercise. He prides himself in delivering care that is supported by research and has been proven to be effective in multiple clinical settings. He focuses his rehabilitation on restoring function through facilitating proper motor tasks manually and reinforcing them with a therapeutic exercise program.