E1 - Extremity Evaluation & Manipulation

Tuition: $745 (plus $190 per credit hour if taken for graduate credit)
Hours: 30 or 3.0 CEUs or 2 graduate credits
Prerequisite: None
Who Attends: Physical Therapists and Occupational Therapists

This seminar emphasizes the interpretation of basic science knowledge and the development of basic clinical skills which are needed to complete a differential evaluation of extremity dysfunction, then proceeds to treatment. General principles of functional anatomy, tissue and joint biomechanics, pathology, and treatment are presented.

The clinical content of the seminar includes physical examination, with special emphasis on performance of joint mobility and assessment of end-feel. Non-thrust manipulations are instructed. Supportive treatments are discussed.

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

- perform the steps of the differential evaluation for the detection of extremity dysfunction
- interpret the results of the differential evaluation
- identify a treatment approach based on the positive findings of the differential evaluation
- select (when appropriate) basic non-thrust manipulation techniques
- relate the significance of pain to the patient's dysfunction, behavior and treatment approach
- discuss and contrast the effects of mobility and immobility
- discuss the effects of manipulation in terms of psychological, mechanical and neurophysiological effects
- discuss the indications and contraindications for joint manipulation of the extremity

DAY ONE	DAY TWO	DAY THREE	DAY FOUR
9:00 - 10:00 Introduction	8:00 - 10:00 Hand (con't)	8:00 - 10:00 Shoulder	8:00 - 10:00 Ankle and Foot
10 AM BREAK	**10 AM BREAK**	**10 AM BREAK**	**10 AM BREAK**
10:15 - 12:00 Review of FCO	10:15 - 12:00 Wrist	10:15 - 12:00 Shoulder (con't)	10:15 - 12:00 Ankle and Foot (con't)
LUNCH HOUR	**LUNCH HOUR**	**LUNCH HOUR**	**LUNCH HOUR**
1:00 - 3:00 Clinical Exam	1:00 - 3:00 Wrist (con't)	1:00 - 3:00 Shoulder (con't)	1:00 - 3:00 Ankle and Foot (con't)
3 PM BREAK	**3 PM BREAK**	**3 PM BREAK**	**3 PM BREAK**
3:15 - 6:00 Clinical Management Manipulation Technique Hand	3:15 - 5:30 Elbow	3:15 - 5:00 Knee	3:15 - 4:30 Hip

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Catherine E. Patla, PT, DHSc MMSc, OCS, MTC, FAAOMPT, Associate Professor

AS	Physical Therapy Assistant, Fairleigh Dickinson University, Madison, NJ
BS	Biology, Fairleigh Dickinson University, Madison, NJ
Certificate in PT	University of Pennsylvania, Philadelphia, PA
MMSc	Orthopaedics and Education, Emory University, Atlanta, GA
DHSc	University of St. Augustine for Health Sciences, St. Augustine, FL
MTC	Institute of Physical Therapy, St. Augustine, FL
OCS	American Board of Physical Therapy Specialties (ABPTS)

Catherine E. Patla received a Doctor of Health Science from University of St. Augustine for Health Sciences (USA) in September 1998. Dr. Patla is a 1976 graduate of University of Pennsylvania Certificate program and obtained a Master of Medical Science Degree in Orthopaedic Physical Therapy from Emory University in 1988. Dr. Patla has also received a Manual Therapy Certification from Institute of Physical Therapy and is an Orthopaedic Specialist from ABPTS. She is a practicing clinician and residency director at the University of St. Augustine for Health Sciences. She is also a fellow of the American Academy of Orthopaedic Manual Therapy (AAOMPT).

A member of Institute of Physical Therapy's faculty since 1979, Dr. Patla's current interests are in extremity orthopaedics, reliability and validity of end-feel, and critical thinking. She teaches in the University's first professional Doctor of Physical Therapy and Occupational Therapy degree programs.

Cathy E. Busby, MSPT, ATC, OCS, MTC, FAAOMPT, Assistant Professor

BS	Physical Education, Appalachian State University, Boone, NC
MAT	University of North Carolina, Chapel Hill, NC
MSPT	Duke University, Durham, NC
MTC	Institute of Physical Therapy, St. Augustine, FL
OCS	American Board of Physical Therapy Specialties (ABPTS)

Ms. Busby is currently the owner of a physical therapy practice in Raleigh, North Carolina, specializing in orthopaedics and sports physical therapy. A 1981 graduate of Duke University's Physical Therapy program, she also holds a MAT from University of North Carolina, Chapel Hill, and previously worked as a teacher and coach. She completed the Manual Therapy Certification program in 1986 from University of St. Augustine for Health Sciences and joined the faculty in 1988. Ms. Busby was certified as an orthopaedic clinical specialist by ABPTS in 1992. She is also a fellow of the American Academy of Orthopaedic Manual Therapy (AAOMPT).

Michael D. Turner, MSPT, OCS, MTC, FAAOMPT, Assistant Professor

BSPT	University of Florida, Gainesville, FL
MTC	Institute of Physical Therapy, St. Augustine, FL
MSPT	University of St. Augustine for Health Sciences, St. Augustine, FL
OCS	American Board of Physical Therapy Specialties (ABPTS)
FAAOMPT	Fellow American Academy of Orthopaedic Manual Physical Therapists

Mr. Turner owns and runs OrthoSport Hawaii, an outpatient orthopedic practice in Honolulu, Hawaii which focuses on integrating Manual Therapy, Sports Rehab, Aquatic Therapy, and Personal Training, as well as offering fellowship training. He is active in the Hawaii American Physical Therapy Association, and sits on the board of physical therapy for the state.

Mr. Turner is a 1993 graduate of University of Florida's Physical Therapy program. He received his Manual Therapy Certification through University of St. Augustine for Health Sciences in 1996 and joined the faculty in 1998. He received his Masters of Science in Physical Therapy degree from University of St. Augustine in January 1999. Mr. Turner completed a 15 month clinical residency with the University of St. Augustine. He is also a fellow of the American Academy of Orthopedic Manual Therapy (AAOMPT).

Tobi G. Baldwin, PT, DPT, MS, MTC, OCS, FAAOMPT, Assistant Professor

BS	University of Western Ontario, London, Ontario, Canada
MPT	University of St. Augustine for Health Sciences, St. Augustine, FL
DPT	University of St. Augustine for Health Sciences, St. Augustine, FL
MS	California University of Penn, California, PA
MTC	University of St. Augustine for Health Sciences, St. Augustine, FL
OCS	American Board of Physical Therapy Specialties (ABPTS)

Dr. Baldwin graduated from the University of St. Augustine for Health Sciences (USA) Master of Physical Therapy program in 2000 and the Doctor of Physical Therapy program in 2004. She has received her Manual Therapy Certification from USA and completed a fellowship in manual therapy with USA in 2004. Dr. Baldwin is currently an Assistant Professor at the University of St. Augustine for Health Sciences.

Andy Naas, MPT, MHSc, MTC, OCS, Assistant Professor

BS	Sportsmedicine, Mercyhurst College, Erie, PA
MPT	University of St. Augustine for Health Sciences, St. Augustine, FL
MHSc	University of St. Augustine for Health Sciences, St. Augustine, FL
MTC	University of St. Augustine for Health Sciences, St. Augustine, FL
OCS	American Board of Physical Therapy Specialties (ABPTS)

Mr. Naas is currently the working in home health and outpatient physical therapy in Virginia Beach, VA. He received his undergraduate degree in Sportsmedicine at Mercyhurst College in Erie, PA. He received both his Master of Physical Therapy in 1999 and Master of Health Science in 2006 from the University of St. Augustine. Mr. Naas earned his Manual Therapy Certification from the University of St. Augustine in 2000 and was Board Certified in Orthopedics from the Amerian Board of Physical Therapy Specialties in 2001.