

Dr. James A. Dauber, DPT, DSc, OCS, CMDT, is an Associate Professor in the School of Physical Therapy at Marshall University. He teaches musculoskeletal pathology, orthopedic assessment, and diagnostic imaging. Dr. Dauber is sports medicine residency trained, and is a retired U.S. Air Force master clinician with 24 years of orthopedic clinical practice. Dr. Dauber's research interests include mechanical diagnosis and ultrasound imaging.

Dr. Scott Davis PT, MS, EdD, OCS is Chairperson/Program Director/Professor in the School of Physical Therapy at Marshall University. He is Board Certified in Orthopaedics through the American Board of Physical Therapy Specialties. He has taught physical therapy (orthopaedics, gross anatomy, therapeutic exercise, and research methods) for over 20 years.

Dr. Neil A. Evans, Ph.D.(c), PT, DPT, OCS, CSCS has been a physical therapist for 18 years and is currently an Associate Professor in the School of Physical Therapy at Marshall University. He is Board Certified in Orthopaedics through the American Board of Physical Therapy Specialties. He currently teaches gross anatomy and kinesiology with particular interest in muscular endurance as it relates to pathology.

Marshall University School of Physical Therapy

2847 5th Avenue, Huntington, WV 25702



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SCHOOL OF
PHYSICAL THERAPY



**An Evidenced-Based
Approach to the
Examination & Intervention
of the Knee Joint Using a
Cadaver Study**

DATE: July 13-14, 2019

Day 1: Huntington VA

Medical Center

Day 2: Marshall School of
Physical Therapy

Benefits of Attending

- Review relevant gross anatomy of the knee and lower extremity
- Review relevant biomechanics of the lower extremity
- Learn how to apply an evidence-based approach to the examination and treatment to various injuries of the knee joint.
- Receive a handout with information regarding the course outline to share with fellow co-workers.

Who Should Attend:

PTs, PTAs, OTs, COTAs, and Athletic Trainers

Course Description

Day 1 of this two-day course will utilize the gross anatomy laboratory to elucidate functional anatomy and biomechanical considerations of the lower extremity for various knee joint pathologies. Participants will have an opportunity to study prosections and perform dissection on the lower extremity to reinforce their anatomic knowledge.

Day 2 consists of providing best evidence for assessing and treating common pathologies of the knee including radiology. The radiology unit will cover multiple imaging studies including ultrasonography. Day 2 will be both laboratory and lecture format allowing participants to experience hands-on examination and treatment.

Learning Objectives:

- Discuss the relevant anatomical considerations for knee pathologies.
- Describe the normal biomechanics and the abnormal biomechanics that occur with joint pathology.
- Using best evidence, recognize the clinical presentation of various knee pathologies.
- Using a fellow participant, apply appropriate manual and non-manual treatment techniques to treat various knee pathologies.

Course Outline

DAY 1 (Meet at the VA Medical Center)

8:00AM-8:30AM Registration/Continental Breakfast Provided

8:30AM-10:45AM Anatomy and Biomechanics of the knee (Dr. Evans)

10:45AM-11:00AM BREAK

11:00AM– 12:30AM Clinical Examination of Ligamentous and Internal Derangement of the Knee Joint (Dr. Davis)

12:30PM-1:30PM Lunch (On your own)

1:30PM-4:30PM Cadaver Laboratory Prosections and Dissection of Lower Extremity (knee) (All Faculty)

DAY 2 (Meet at the School of Physical Therapy)

8:00AM-8:30AM Sign-in /Continental Breakfast Provided

Course Outline Cont...

8:30AM-10:00AM Clinical Examination of the Patellofemoral Joint (Dr. Davis)

10:00AM-10:15AM Break

10:15AM-12:30PM Imaging of the Knee including Ultrasound Examination of the Knee Joint (Dr. Dauber)

12:30PM– 1:30PM LUNCH (on your own)

1:30PM-3:30PM Evidence-Based Approach to Knee joint and patellofemoral interventions, including BFR treatment options (Dr. Evans)

3:30PM-4:00PM Course Evaluations and Post quiz

TO REGISTER CONTACT:

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PT/OT Cost	\$300
PTA/OTA/ATC Cost	\$225

CI or Graduate of MUSOPT	\$270
CI and Graduate of MUSOPT	\$250