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Group rate	Register 20 or more	\$40
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Course # Course Title

Webinar Date

Name Discipline

Facility

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WEBINAR #7105 Lower Extremity Examination Tests

Instructor:
Dawn T. Gulick, PhD, PT, ATC, CSCS

Audience:
Physical Therapists, Assistants
and Athletic Trainers

Delivery Options:
Live Webinar or Self-Study Options

SUMMARY: This is an evidence-based approach to examination techniques used to evaluate the lower extremity. Sensitivity, specificity, likelihood ratios, & clustering of tests will be presented to help the clinician prioritize & evaluate the use of various testing procedures. Case studies will be used to relate the information to the practice of therapy. (Intermediate Level)

PRESENTER: **Dawn T. Gulick, PhD, PT, ATC, CSCS** is a Professor of Physical Therapy at Widener University in Chester Pennsylvania. She has 17 years of teaching experience. Her areas of expertise are orthopedics, sports medicine, modalities, and medical screening. As a clinician, she has owned a private orthopedic/sports medicine practice and provided athletic training services from the middle school to elite Olympic level. As a member of the Olympic Sports Medicine Society, Dr. Gulick has provided medical coverage at numerous national and international events. As a scholar, Dr. Gulick is the author of four books (Ortho Notes, Screening Notes, Sport Notes, and Mobilization Notes), four book chapters, and more than 24 peer-reviewed publications in 18 different journals. Dr. Gulick is a member of the APTA (orthopedic section), NATA, a PKP scholar, and a reviewer for several journals and home-study courses. Dr. Gulick earned a Bachelor of Science in Athletic Training from Lock Haven University, a Master of Physical Therapy from Emory University, and a Doctorate of Philosophy in Exercise Physiology from Temple University.

OBJECTIVES: Upon completion of this course, the participant will be able to:

1. Understand the importance of medical screening for visceral pathology that may be beyond the scope of practice, i.e. referral patterns & special tests for visceral pathology.
2. Integrate critical analysis of current research & professional literature in the selection of special tests for diagnosis of lower extremity pathology.
3. Understand the statistical rationale for clinical decision making, i.e. sensitivity, specificity, positive & negative likelihood ratios of special tests to determine the most value tests to make a diagnosis & those that are better suited for ruling out a diagnosis (screening).
4. Describe the clustering of tests to enhance the likelihood of an accurate diagnosis.
5. Discriminate between the use of tests for screening vs. tests to incriminate a specific tissue, particularly in the cases where special tests may incriminate several different tissues.
6. Integrate the use of toolbox questionnaires to quantifying a client's level of pain & function.

FORMAT: This is a 3-hour course equivalent to 3 CEU's or 0.3 CEUs offered as a live webinar or self-study. Instructors present the live course content via an internet website displaying real time power points. Learners will receive a course instruction link. Instructors lecture through livestreaming internet on your computer. Questions may be asked during the webinar using the chat feature or the "raise hand" feature for live discussion.

PT CEU's: Motivations Inc is an approved provider of Physical Therapy continuing education by these professional bodies: Texas Chapter of the American Physical Therapy Association, ILDPR- Illinois Department of Professional Regulation Approved PT CE Sponsor, NY- New York State Education Department, Office of the Professions. Physical Therapy Board of California. Many state boards recognize these for pre-approval purposes. Contact us if you would like verification a state.

ATC CEU's: Motivations, Inc. (BOC AP #P2549) is approved by the Board of Certification, Inc. to provide continuing education to Athletic Trainers. This program is eligible for a maximum of 3 Category A hours/CEU's.

AGENDA:

Pre-Study: 30 Minutes Plan to read the course materials, references and review the post test before the start time. Please be prepared to share patient case study and related question during the discussion time.

- 5 min: Introduction
- 5 min: Statistical importance in clinical practice
- 40 min: Hip - medical screening, toolbox tests, special tests
- 40 min: Knee - toolbox tests, special tests
- 20 min: Ankle & foot - toolbox tests, agility, special tests
- 10 min: Case examples, questions, comments, & discussion

Post-test: Research, identify, and submit your post test question answers on the online form. This is an open book test you can take multiple times if needed to obtain the 70% score. (Allow 30 minutes for these completion tasks.)