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

Webinar Date

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WEBINAR #7425 Introduction to Dry Needling

Instructor:
David Denton, PT, DPT, CIDN

Audience:
Physical Therapists and Assistants

Delivery Options:
Live Webinar or Self-Study Options

SUMMARY: This webinar is a beginner tutorial and definition with demonstration of the modality of dry needling, effect, causation, mechanism of action, safety, adverse effects and ways it can complement other treatments in rehab. The information will include an overview of trigger point dry needling based on the anatomy and physiology of the MSK system and will summarize the local effects on soft tissue dysfunction, inflammation, circulation and use in remodeling healing phase. Also, we will compare the coupling of vacuum cupping, IASTM and palpation/selection of trigger points in various orthopaedic and musculoskeletal common conditions on a joint by joint analysis for best results. The course will include a demonstration of superficial, deep and symptomatic dry needling and how it can be integrated with other forms of manual therapy. (Intermediate Level)

PRESENTER: **David Denton, PT, DPT, CIDN** is a licensed physical therapist and center manager in outpatient practice where his center is a local market vestibular center of excellence. He has been specializing in treating vestibular referrals and dizzy patients since 2008. Dr. Denton has gained expertise through the completion of multiple dizziness, balance, BPPV, and vestibular training. In addition, his vestibular skill level has been accompanied by use of manual manipulation, trigger point dry needling, IASTM, and cupping. Dr. Denton graduated from Youngstown State University with a Bachelor of Science in Biology and Chemistry and again at Y.S.U. with a Doctorate in physical therapy. He is currently one year away from attaining an academic doctorate at Marshall University. Additionally, he has advanced certification in Integrative Trigger Point Dry Needling (CIDN), cert. IASTM and is an active member of the American Physical Therapy Association including being a chairperson for the OPTA East Central District. David is a member of the APTA Vestibular Special Interest Group, AAOMPT Member, and belongs to the Vestibular Disorders Association.

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

1. Review dry needling processes for effect, causation, mechanism of action, safety, adverse effects and ways it can complement other treatments in rehab.
2. Summarize the local effects on soft tissue dysfunction, inflammation, circulation and use in remodeling healing.
3. Review of the systemic effects on physiological systems, substance P with activation of endorphins & biomechanical balance.
4. Analysis coupling of vacuum cupping, IASTM and palpation/selection of trigger points in various orthopaedic and musculoskeletal common conditions on a joint by joint analysis.
5. Explain the mechanism of action on the effect with demonstration of needle placement and insertion. Review effect of sympathetic system, effect on vasodilators, balance of adenosine and NO as well as rebalance on the parasympathetic and sympathetic systems as a whole.
6. Demonstrate superficial, deep and symptomatic dry needling and how it complements other forms of manual therapy.

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.

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.

- 10 min: Introduction
- 20 min: An overview of trigger point dry needling. Summarize the local effects on soft tissue dysfunction, inflammation, circulation and use in remodeling healing phase. Review of the systemic effects on physiological systems, substance P with activation of endorphins and biomechanical balance.
- 20 min: Introduction of the coupling of vacuum cupping, IASTM and palpation/selection of trigger points in various orthopaedic and musculoskeletal common conditions on a joint by joint analysis .
- 20 min: Explain the mechanism of action on the effect with demonstration of needle placement and insertion. Review effect of sympathetic system, effect on vasodilators, balance of adenosine and NO as well as rebalance on the parasympathetic and sympathetic systems as a whole.
- 20 min: Review latest evidence based studies and research, trigger point work of Dr Travell and Dr Gunn, explain preparation, evaluation of symptomatic trigger points and adverse effects.
- 30 min: Demonstrate superficial, deep and symptomatic dry needling (various MSK sites) and how it can complement other forms of manual therapy and potential of interest in live hands on intro basic course.

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.)