

North American Institute of Orthopedic Manual Therapy (NAIOMT): DIZZINESS, HEADACHE AND CHRONIC NECK PAIN: A NEW APPROACH

HIGHLIGHTS

- Answers to why chronic whiplash is so devastating and often difficult to treat
- Headache differentiation and intervention
- Balance disorders and indications for manual physical therapy
- Chronic neck pain and biomechanical assessment

Course Description:

This course is designed to increase the physical therapists' knowledge of dizziness, headache and chronic neck pain and enhance their orthopaedic examination skills of the craniocervical region to enable them to make a differential and biomechanical statement on the cause of the patient's symptoms and dysfunction.

The course will also demonstrate manual physical therapy intervention of the chronic neck and headache patient and integrate treatment of disequilibrium and musculoskeletal dysfunction. Current literature and clinical evidence will be reviewed to safely apply the interventions and effectively manage the patient/client. A course handout is provided and the course will be 50% lab.

Instructor: Jim Meadows, PT, BSc, MCPA, FCAMT

Where: Touro College Manhattan Campus. 27W 23 st, 6th floor, Room 602A, New York, NY 10010

When: June 28 (Sunday) & 29 (Monday) & 30 (Tuesday)

Cost: \$595.00

- \$50 discount for those clinics that participate in the Touro College clinical affiliation program
- \$50 discount if register with another participant

Time: 9 am to 5 pm

Check payable to: Touro College. Mail to Touro College, 27W 23 st, 6th floor. New York, NY.
Attn: Emil

Any questions call: (212) 463-0400 x 606 ask for Emil or email ptemo@aol.com

Please visit, http://www.touro.edu/shs/pt/course_adforclinics.pdf for more details

COURSE GENERAL OBJECTIVES

The course participant will increase their understanding of the many factors that can contribute to dizziness, headache and chronic neck pain, have reviewed the pertinent current literature and evidence, be able to efficiently recognize the dysfunctions that can be influenced by orthopaedic manual physical therapy, and thereby

SPECIFIC COURSE OBJECTIVES

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

1. Apply knowledge of the neuro-anatomical basis of a headache, the various types of headache, the clinical examination of the headache patient and subsequent provisional diagnosis of the cause of the headache, or what to do if a diagnosis cannot be made
2. Apply knowledge of the normal and aberrant anatomy of the vertebrobasilar system and the etiology and effects of insufficiency to the clinical examination and manifestations of insufficiency and its management
3. Apply knowledge of the structure and neurophysiology of the balance mechanism
4. Recognize and analyze the effects of disequilibrium
5. Describe the basis for the treatment of balance disorders
6. Apply a knowledge of the normal and abnormal anatomy, and the normal and dysfunctional biomechanics of the craniocervical region to the biomechanical examination
7. Perform a selective tissue tension and biomechanical examination of the craniocervical region and make a biomechanical statement on the cause of the patient's symptoms and dysfunction
8. Plan and select appropriate manual physical therapy and exercise interventions for the patient with dizziness, headache or chronic neck pain
9. Integrate the treatment of disequilibrium and musculoskeletal dysfunction
10. Communicate the rationales for this intervention to the patient/client to other therapists, referral sources and other parties
11. Describe the strengths and weakness of manual physical therapy assessment and interventions as demonstrated by the current literature and evidence

TOPICAL OUTLINE:

The descriptions of the minimum course components may vary according to the instructor's assessment of the needs

or expertise of the class. Some areas may be covered in guided independent study.

1. Neuroanatomy and physiology of the brainstem and upper spinal cord
2. Sensory neuroanatomy of the upper cervical region and head, including the trigeminocervical nucleus
3. Normal and aberrant neurovascular anatomy of the cord, brainstem, cerebellum, occipital and temporal lobes
4. Normal anatomy and physiology of balance including the vestibular apparatus
5. Etiologies and clinical manifestations of disequilibrium including traumatic labyrinthine concussion
6. Normal and aberrant anatomy of the craniocervical region
7. The musculoskeletal examinations (selective tissue tension testing and biomechanical evaluation) of the cervical spine
8. The equilibrium examination
9. The anatomy and etiologies of various types of headache
10. Clinical manifestations of various headaches including recognizing the serious headache
11. Differentiation of the patient with overt vestibular damage from one with vestibular reflex dysfunction and little if any vestibular apparatus damage
12. Motion dysfunction states, recognizing, subluxation, fixation, pericapsular hypomobility and hypertonia in the cervical region and throughout the body, including vestibulospinal reflex hyperactivity
13. Why traumatic cervical patients may not get better
14. The integration of the equilibrium dysreflexia syndrome and musculoskeletal dysfunction
15. Treating equilibrium dysreflexia, the effective combination of vestibular exercises, manual physical therapy and optimal movement pattern exercises
16. Current literature and evidence on the strengths and weakness of manual physical therapy assessment and interventions

TOURO COLLEGE

Is proud to host the following course:

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Does your work take Touro Students: Yes No

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New York, NY 10010
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