Dizziness Diagnosis and Management Seminar
Taking the “Spin” Out of Vertigo

COURSE INSTRUCTORS

Sue Whitney, DPT, PhD, NCS, ATC, FAPTA
Michelle Petrak, PhD, CCC-A
Cammy Bahner, M.S., CCC-A
Mark Haehn, B.S.

June 16-17, 2016

Hilton Minneapolis/St. Paul Airport
3800 American Boulevard East
Bloomington, MN 55425
(952) 854-2100

COST: $300 until May 26, 2016
($350 afterwards)
Hotel Accommodations:
Hilton Minneapolis/St. Paul Airport
3800 American Boulevard East
Bloomington, MN 55425
(952) 854-2100
Room Rates: $136
Rates available until 5/25/16

Call hotel directly to make your reservation, mention “Micromedical Technologies Vestibular Course” to get the special rate

Hotel Website:

AREA AIRPORT: Minneapolis International Airport (MSP)

Shuttle Service
This hotel provides complimentary shuttle to and from the Minneapolis/St. Paul International Airport, Mall of America and Light Rail Transit (LRT) at the MOA Station. Shuttle to the Minneapolis/St. Paul International Airport begins at 4:00 am and runs every thirty (30) minutes until 1:00 am at the top and bottom of each hour.

Parking at Hilton: Hotel parking is available on a complimentary basis for registered guests and meeting attendees.

Directions from MSP Airport:
Take 494 West to 34th Avenue Exit. Go south one block to American Boulevard East. Turn left (east) onto American Boulevard East. The hotel is located three blocks down on the left side.

Directions from Minneapolis:
Take 35W South to 494 East to 34th Ave exit. Turn south one block to American Boulevard East. Turn left (east) onto American Boulevard East. The hotel is located three blocks down on the left side, across from the entrance to the Minnesota Valley National Wildlife Refuge.
Thursday, June 16, 2016
7:30-8:30   Registration & Continental Breakfast
8:30-9:00   Vestibular Anatomy Overview – Michelle Petrak
9:00-10:00  Videonystagmography (VNG) Technique and Interpretation – Cammy Bahner
            • Spontaneous, Gaze, Smooth Pursuit, Saccade & Optokinetic Tests
10:00-10:15 BREAK
10:15-10:45 VNG Technique and Interpretation (Continued) – Cammy Bahner
            • Caloric & Additional Supporting Tests
10:45-12:00 Introduction to Video Head Impulse Testing (vHIT) – Michelle Petrak
            • Patient/Equipment Preparation, Research/Historical Perspective, Interpretation, &
              Cases Examples
12:00-1:00  LUNCH
1:00-2:15   Basics of Rotational Chair Testing and Interpretation – Mark Haehn
            • Step, Sinusoidal Harmonic Acceleration, VOR Suppression Test & Case Examples
2:15-3:00   cVEMP and oVEMP Evaluation – Cammy Bahner
            • Research/Historical Perspective, How to Incorporate VEMP & Case Examples
3:00-3:15  BREAK
3:15-4:30   Hands-On Practicum
            • Station 1 – vHIT (Michelle Petrak)
            • Station 2 – VEMP (Cammy Bahner)
            • Station 3 – VNG Oculomotors and Calorics (Mark Haehn)
4:30       Course Review – All Instructors
5:00       ADJOURN

Friday, June 17, 2016
Presenter Sue Whitney, DPT, PhD, NCS, ATC, FAPTA
8:30-10:00  What can vestibular rehabilitation do for your patient?
            • Who to refer, Outcomes measures, Why patients get better & General rules of
              prognosis
10:00-10:15 BREAK
10:15-12:00 Benign Paroxysmal Positional Vertigo (BPPV)
            • Anatomy/physiology related to BPPV, Associated conditions, Eye Movement Analysis
12:00-1:00  LUNCH
1:00-3:15   Hands-on Practicum
            • Dix-Hallpike Maneuver, Roll Test, Side-Lying Test, Modified Epley, Semont, Brandt
              Daroff, Gufoni & Barbeque Roll Maneuver
3:15       ADJOURN

*Course Agenda Subject to Change
ABOUT THE INSTRUCTORS

Susan L. Whitney, DPT, PhD, NCS, ATC, FAPTA
Dr. Whitney received her PhD in motor development/motor learning from the University of Pittsburgh, her professional physical therapy education from Temple University in Philadelphia, PA, and her DPT from MGH Institute of the Health Sciences. Currently, she is a professor in physical therapy in the School of Health and Rehabilitation Sciences. She is the Program Director of the Centers for Rehab Services (CRS) Balance and Vestibular Rehabilitation Center at the University of Pittsburgh Medical Center. Dr. Whitney has authored or co-authored over 90 articles on Medline, most of which relate to vestibular rehabilitation, plus has co-authored a book related to dizziness and balance disorders.

Michelle Petrak, PhD, CCC-A
Dr. Michelle Petrak is the Director of Clinical Audiology for Interacoustics. She is located in Chicago where she is a licensed and practicing clinical audiologist at Northwest Speech and Hearing. Her areas of expertise include management of patients with dizziness and pediatric audiology. She continues to lecture extensively nationally and internationally and she has numerous articles published in the hearing industry journals.

Cammy Bahner, M.S. CCC-A, FAAA
Ms. Bahner is the Director of Clinical Audiology for Micromedical Technologies and is a licensed audiologist in Minnesota. She has 10 years of clinical experience, primarily in the area of vestibular diagnostics and electrophysiological measurements. She is involved in clinical support, product development, and education and training on VNG, vHIT, EP and rotary chair.

Mark Haehn, B.S.
Mr. Haehn has over 20 years of experience working in the vestibular field including the balance lab at the Cleveland Clinic and has tested of over 5,000 patients.

NOTE OF DISCLOSURE
Sue Whitney:
- Relevant financial relationships: Accommodations & travel expenses provided by Micromedical Technologies, Inc.
- Relevant non-financial relationships: None

Mark Haehn & Cammy Bahner:
- Relevant financial relationships: Employed by Micromedical Technologies, Inc.
- Relevant non-financial relationships: None

Michelle Petrak:
- Relevant financial relationships: Employed by Interacoustics
- Relevant non-financial relationships: None
CONTINUING EDUCATION:

- Evaluation Assessment Tool: A Course Examination will be handed out at the end of the course material covered.
- American Academy of Audiology (AAA):
  - Tier 1 Credits - Micromedical Technologies, Inc. is applying for 1.25 CEU Credits (12.5 Credit Hours) through AAA for the American Board of Audiology recertification requirements.

Micromedical Technologies, Inc. is applying for 1.25 CEU Credits through the American Academy of Audiology (AAA) to offer AAA CEU’s for this course. AAA approval of this continuing education activity does not imply endorsement of course content, specific products, or clinical procedures.

- American-Speech-Language-Hearing Association (ASHA):

This program is offered for 1.25 CEUs (Intermediate Level, Professional Area)

An application is pending for Continuing Education Course Approval through the MN Board of Physical Therapy for 12.5 CEU hours.
**COURSE DESCRIPTION**
Do patients with dizziness have your head spinning? The goal of this seminar is to enhance clinicians’ ability to diagnose, examine, and refer/intervene using sound evidence in persons presenting with dizziness or balance disorders. Examples of test abnormalities will be discussed and cases used to illustrate how to apply the test results to achieve successful treatment strategies. Participants will learn about new evaluation techniques for patients with dizziness while getting refreshed on the gold standard evaluation methods. All participants should be able to recognize the signs and symptoms of benign paroxysmal positional vertigo (BPPV) and will learn examination and intervention skills for persons presenting with BPPV. Join us for our 2-day seminar with hands-on practical workshops.

**INTENDED AUDIENCE**
This is a beginner-level course for audiologists, physical therapists, physical therapy assistants, chiropractors, vestibular technicians and other professionals interested in vestibular testing and vestibular rehabilitation.

**LEARNER OBJECTIVES**
At the completion of this course, the attendee will be able to:

- Demonstrate how to accurately obtain clinical data needed to diagnose oculomotor abnormalities.
- Demonstrate how to accurately perform a vHIT test.
- Describe the importance of rotational chair testing for patients with vestibular disorders.
- Demonstrate how to how to prepare the patient, prepare the equipment, and perform oVEMP and cVEMP tests.
- Recognize horizontal and posterior canal benign paroxysmal positional vertigo (BPPV) and to be able to effectively treat the condition using the modified Epley, Semont, Barbeque maneuver, or Gufoni.
- Identify eye movements of persons with central and peripheral vestibular disorders.
- List common outcome measures used in the treatment of persons with vestibular disorders.

*for a complete list, please visit [http://micromedical.com/Education/](http://micromedical.com/Education/)

**REGISTRATION FEES:**
Registration fees include course tuition, program materials, refreshments, breaks and Thursday lunch. Each participant will receive an email confirming their registration. We expect high interest in this course so register early.

**CANCELLATION & REFUND POLICY:**
Refund requests will be honored when received in writing within 21 days (5/26/16) before the start of the course. All refunds are subject to a $50.00 processing fee. No refunds will be given 21 days or less before the start of the course. Micromedical Technologies, Inc. reserves the right to cancel or postpone the course due to unforeseen circumstances. In the event of cancellation or postponement, registration fees will be refunded but Micromedical Technologies, Inc. is not responsible for any related costs or charges.
2016 REGISTRATION FORM

☐ Registration: $350.00 after May 26, 2016
☐ Early Registration: $300.00 on or before May 26, 2016

Name ____________________________________________________________

Specialty/Degree ___________________________________________________________________________________________

Company Name ____________________________________________________________________________________________

Address __________________________________________________________________________________________________

City __________________________ State _____ Zip __________________

Phone (___) _______________ Fax (___) ____________________________

Email ______________________________________________________________________________________________________

CEU Required: AAA ID # __________________ ASHA ID # __________________

☐ Check or Money Order, payable to Micromedical Technologies (US funds only)
(a $25 service charge will apply to checks returned for insufficient funds)
Charge My: ☐ Visa ☐ Master Card

Credit Card #

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Name printed on card _____________________________________________

Billing Address of Card if different than above:

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Signature _____________________________________________

I authorize Micromedical Technologies to charge the amount determined by Micromedical Technologies as registration fees to my credit card

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10 Kemp Drive
Chatham, IL 62629
OR call us directly: 800-334-4154
OR FAX to: 217-483-4533
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