Evaluation & Management of Dizziness & Balance Disorders

COURSE INSTRUCTORS

Devin L. McCaslin, PhD
& Neil T. Shepard, PhD

October 20-21, 2017

Embassy Suites Minneapolis Airport
7901 34th Avenue South
Bloomington, MN 55425
(952) 854-1000

COST: $650 until 09/29/17
($700 afterwards)
Hotel Accommodations
Embassy Suites Minneapolis Airport
7901 34th Avenue South
Bloomington, MN 55425
(952) 854-1000
Room Rates: $159
Rates available until 09/28/17
Call hotel directly to make your reservation, mention “Micromedical Technologies Group Rate” to get the special rate
**Airport & Directions:**

**AREA AIRPORTS:**

**Minneapolis-St. Paul International (MSP) (1.7mi)**

*Transportation Options:*
  - Complimentary Shuttle Service with Embassy Suites
  - Subway/Rail: $1.75 (typical minimum charge)
  - Taxi: $17 (typical minimum charge)

*Driving Directions:*
  - Follow 34th Avenue South and take a left at the Stop Light onto American Boulevard and another left into the Embassy Suites Parking Lot.

**From Minneapolis:**

Take 35W South to 494 East to 34th Ave exit. Go South (right) one block to American Boulevard. Hotel on corner of 34th and American Boulevard.

**From St. Paul:**

Take 35E South to 494 West to 34th Ave. Exit. Go South to American Boulevard. Hotel on corner of American Boulevard and 34th Ave.

**Parking:** On-Site Self Parking - No charge
COURSE AGENDA*:

**Friday October 20, 2017**

7:30-8:00  Registration  
8:00-9:00  Advanced Anatomy and Physiology – Dr. McCaslin  
9:00-10:00  History and Office Examination – Dr. McCaslin  
10:00-10:15  BREAK  
10:15-11:15  VNG – Indications and Interpretation – Dr. Shepard  
11:15-12:00  Ocular Motor Interpretations – Dr. Shepard  
12:00-1:00  LUNCH (Meal Provided)  
1:00-2:00  Rotational Chair – Dr. Shepard  
2:00-3:00  vHIT regular / SHIMP – Dr. McCaslin  
3:00-3:15  BREAK  
3:15-4:15  Otolith Function Testing – Dr. Shepard  
4:15-5:15  Hands-On Stations (Rotate after 30mins)  
  Ocular Motor Tests – Course Sponsor Staff  
  Direct Office Exam – Drs. McCaslin/Shepard  

**Saturday October 21, 2017**

8:00-8:45  Computerized Dynamic Posturography – Dr. McCaslin  
8:45-10:00  Pathophysiology of Selected peripheral vestibular Disorders – Dr. McCaslin  
10:00-10:15  BREAK  
10:15-10:45  Pathophysiology of Selected Central Vestibular Disorders Dr. Shepard  
10:45-11:45  Vestibular Rehabilitation in the context of Medical/Surgical treatment Strategies – Dr. Shepard  
11:45-1:00  LUNCH (Meal Provided)  
1:00-2:30  BPPV – Pathogenesis, Diagnosis and Treatment all variants – Dr. McCaslin  
2:30-2:45  BREAK  
2:45-3:45  Vestibular Migraine & Persistent Postural-Perceptual Dizziness – Dr. Shepard  
3:45-4:45  Case Studies – Drs. McCaslin & Shepard  
4:45-5:15  Questions & Course Review – Drs. McCaslin & Shepard  

Micromedical Technologies, Inc. would like to thank Interacoustics for their participation in this course.

*Course outline subject to change
Devin L. McCaslin, PhD  
*Section Head Vestibular & Balance Program*
*Mayo Clinic*
*Rochester, MN*

Dr. McCaslin has authored and coauthored publications that cover the areas of tinnitus, dizziness, auditory function, and outcome measures development. He is also the author of the textbook VNG/ENG (Plural). Dr. McCaslin’s major academic, clinical and research interests relate to clinical electrophysiology, tinnitus and vestibular assessment. He also serves as the Deputy Editor-in-Chief of the Journal of the American Academy of Audiology and is President of the American Balance Society.

Neil T. Shepard, PhD  
*Consultant Emeritus Department of Otorhinolaryngology (ENT)*  
*Mayo Clinic*
*Rochester, MN*

Dr. Shepard has concentrated his activity of the last 20 years on the clinical assessment and rehabilitation of balance disorder patients and clinical research endeavors related to both assessment and rehabilitation.

**NOTE OF DISCLOSURE:**

Devin L. McCaslin  
Relevant financial relationships: Honorarium & Accommodations provided by Micromedical Technologies, Inc.  
Relevant non-financial relationships: None  

Neil T. Shepard  
Relevant financial relationships: Honorarium, Accommodations & travel expenses provided by Micromedical Technologies, Inc.  
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):

The program is worth a maximum of 1.45 CEUs. Academy approval of this continuing education activity is based on course content only and does not imply endorsement of course content, specific products, or clinical procedure, or adherence of the event to the Academy’s Code of Ethics. Any views that are presented are those of the presenter/CE Provider and not necessarily of the American Academy of Audiology.

Tier 1 Credits - Micromedical Technologies, Inc. is applying for 1.45 CEU Credits (14.5 Credit Hours) through AAA for the American Board of Audiology recertification requirements.

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

This program is offered for 1.45 CEUs (Intermediate Level, Professional Area)

MN Board of Physical Therapy - Micromedical Technologies, Inc. will be applying for 14.5 Credit Hours with the Maryland Physical Therapy Association. Please stay tuned for updates on the approval for CEUs.
INTENDED AUDIENCE

Audiologists • Chiropractors • Neurologists • Otolaryngologists • Physical Therapists • VNG/ENG Technicians

This is an intermediate course for those interested in vestibular testing. Examples of test abnormalities will be discussed and cases used to illustrate how to apply the test results to achieve successful treatment strategies. This course assumes the attendee has a general working knowledge of the anatomy and physiology of the vestibular & balance systems as well as general familiarity and experience with ENG/VNG testing.

LEARNER OUTCOMES

At the completion of this course, the attendee will be able to: Provide a direct office vestibular examination. Apply appropriate interpretations for a standard VNG. Apply appropriate interpretations to Rotational Chair, vHIT & VEMPS. Understand the use and limitations of Dynamic Posturography. Identify profiles for common peripheral and central vestibular disorders. Recognize the appropriate use of vestibular and balance rehabilitation therapy. Identify and treat various forms of BPPV. Be able to differentiate vestibular migraine and PPPD.

REGISTRATION FEES:

Registration fees include course tuition, program materials, refreshments breaks and lunches. Each participant will receive an email or fax 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 (09/29/17) 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.

FAX OR MAIL IN THE COURSE REGISTRATION FORM ON FOLLOWING PAGE TO SIGN UP TODAY!
REGISTRATION FORM

☐ Registration: $700.00 after 09/29/17
☐ Early Registration: $650.00 on or before 09/29/17

Name ____________________________________________________________

Specialty/Degree __________________________________________________

Company Name ____________________________________________________

Address __________________________________________________________

City __________________________ State ___ Zip _________________

Ph (___) _______________________ 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 #

 Exp. Date: ☐ M / Y ☐ 3-Digit Code: ☐☐☐

Name printed on card ________________________________________________

Billing Address of Card if different than above:

_________________________________________________________________

_________________________________________________________________

Signature _________________________________________________________

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

Please Mail this form to:
Micromedical Technologies
10 Kemp Drive
Chatham, IL 62629

OR call us directly: 800-334-4154
OR FAX to 217-483-4533 OR Register on-line at http://www.micromedical.com/Education/

CODE: MN COURSE