Evaluation & Management of Dizziness & Balance Disorders

COURSE INSTRUCTORS

Joel A. Goebel, M.D., FACS
& Neil T. Shepard, Ph.D.

August 5-6, 2016

Waterfront Hotel
10 Washington Street
Oakland, CA 94607

COST: $600 until 07/15/16
($650 afterwards)
Hotel Accommodations
Waterfront Hotel
10 Washington Street
Oakland, CA 94607
(510) 836-3800
Room Rates: $195
Rates available until 07/05/16
Call hotel directly to make your reservation, mention “Micromedical Technologies” to get the special rate
Hotel Website:
http://www.jdvhotels.com/hotels/california/san-francisco-hotels/waterfront-hotel/
Airport & Directions (Please note this hotel does not provide shuttle service):

AREA AIRPORTS:

Oakland International Airport (OAK) 10mi South of hotel
San Francisco International Airport (SFO) 24mi East of hotel (across bay)
San Jose International Airport (SJC) 40mi South of hotel

Alternate Transportation (all costs estimated):

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<tr>
<th>Mode</th>
<th>Estimated Taxi Fare</th>
<th>Town Care Service</th>
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<tbody>
<tr>
<td>BART (Bay Area Rapid Transit)</td>
<td>$9 (one way) from 12th Street</td>
<td>$40 (one way) from OAK</td>
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<td></td>
<td>Oakland City Center, Coliseum &amp; SFO</td>
<td>$80 (one way) from SFO</td>
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View Airport Transportation Information on the OAK Website: [http://www.oaklandairport.com/ground_transportation.shtml](http://www.oaklandairport.com/ground_transportation.shtml)

View Airport Transportation Information on the SFO Website: [http://www.flysfo.com/to-from/overview](http://www.flysfo.com/to-from/overview)


Driving Directions:

From OAK – Oakland International Airport:

Follow airport signage and merge onto I-880 N. towards Downtown/Oakland. Take the Broadway/Downtown Exit. Merge onto 6th St. Turn left onto Washington St. The Waterfront Hotel will be on the left.

From SFO – San Francisco International Airport:

Follow airport signage and merge onto US-101 N. Take the I-80 Exit toward Bay Bridge and merge onto I-80 E. proceeding over the bridge. Take the I-880 S. Exit toward Broadway/Alameda. Turn right onto 5th St. Slight right to stay on 5th St. Turn right onto Washington St. The Waterfront hotel will be on the left.

From SJC – San Jose International Airport:

Follow airport signage and merge onto I-880 N. toward Oakland. Take the Broadway/Downtown exit. Merge onto 6th St. Turn left onto Washington St. The Waterfront Hotel will be on the left.

Best Address for GPS:

10 Washington St., Oakland, CA 95607

Parking:

Valet parking: $25 per night
The hotel does not offer self-parking
**COURSE AGENDA***:

**Friday August 5, 2016**
7:30-8:00  Registration
8:00-9:00  Anatomy and Physiology/Vestibular Compensation – Dr. Goebel
9:00-10:00  History and Physical Examination – Dr. Goebel
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  Other VOR Function Tests & VHIT – Dr. Goebel
3:00-3:15  BREAK
3:15-4:30  Otolith Function Testing – Dr. Shepard
4:30-5:15  Hands-On Stations (Rotate after 20mins)
          Ocular Motor Tests – Course Sponsor Staff
          Dizzy Office Exam – Drs. Goebel/Shepard

**Saturday August 6, 2016**
8:00-8:45  Computerized Dynamic Posturography – Dr. Goebel
8:45-10:00  Differential Diagnostics of Vertigo – Dr. Goebel
10:00-10:15  BREAK
10:15-10:45  Pathophysiology of Selected Central Vestibular Disorders – Management Options
          – Dr. Shepard
10:45-11:45  Medical/Surgical/Rehabilitation Strategies – Dr. Goebel
11:45-1:00  LUNCH (on your own)
1:00-1:45  BPPV – Pathogenesis, Diagnosis and Treatment – Dr. Goebel
1:45-2:45  Vestibular Migraine – Drs. Shepard/Goebel
2:45-3:00  BREAK
3:00-3:45  Persistent Postural-Perceptual Dizziness – Dr. Shepard
3:45-4:45  Case Studies – Drs. Goebel & Shepard
4:45-5:15  Questions & Course Review – Drs. Goebel & Shepard
Joel A. Goebel, M.D., FACS
Professor, Otolaryngology - Head and Neck Surgery
Director, Dizziness and Balance Center
Washington University School of Medicine, St. Louis, MO

Dr. Goebel is board-certified in Otolaryngology and is director of the Dizziness and Balance Center. His clinical interests include dizziness, balance disorders, Meniere’s disease, vestibular disorders and vertigo.

Neil T. Shepard, Ph.D.
Professor of Audiology
Director, Dizziness & Balance Disorders Program
Mayo Clinical School of Medicine, 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:

Joel A. Goebel
Relevant financial relationships: Honorarium, accommodations & travel expenses provided by Micromedical Technologies, Inc.
Relevant non-financial relationships: None

Neil T. Shepard, Ph.D.
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.

AAA Credits - Micromedical Technologies, Inc. is applying for 1.5 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.

AAA Credits - Micromedical Technologies, Inc. is applying for 1.5 CEU Credits (16 Credit Hours) through AAA for the American Board of Audiology recertification requirements.

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

This program is offered for 1.5 CEUs (Intermediate Level, Professional Area)
INTENDED AUDIENCE

Audiologists ✧ Otolaryngologists ✧ Neurologists ✧ Physical Therapists
Functional Neurologists ✧ 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: Describe the vestibule-ocular reflex and its relationship to bedside and laboratory vestibular testing. Perform interpretations of spontaneous, gaze, saccades, pursuit tracking, Dix-Hallpike, positionals, rotary chair and caloric tests in the context of the patient’s history. Perform the essential elements of a vestibular office examination. Identify the principle differentiating features of peripheral, central and non-vestibular impairments from history and laboratory evaluation results. Describe ocular motor function in the context of vestibular evaluation.

REGISTRATION FEES:
Registration fees include course tuition, program materials, refreshments breaks and Friday 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 before the start of the course (07/15/16). 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: $650.00 after 07/15/16
☐ Early Registration: $600.00 on or before 07/15/16

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: ___/___ 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://micromedical.com/education.html

CODE: CACOURSE