

A Case-Study Approach to Clinical Assessment of Vestibular Function

This is a two-day course that starts with a brief overview of triage of dizzy patients, terminology, and a review of the vestibular tests necessary to understand the cases that will be presented. Presenters Kamran Barin, Ph.D. and Devin L. McCalin, Ph.D. have designed the course to be highly interactive. They will present patient case histories and guide attendees in sharing ideas and engaging in deciding which vestibular test or tests are the most appropriate for the patient.

Is this course for me?

The intended audience includes audiologists, technicians, physicians, and other healthcare professionals who are involved in clinical assessment and management of patients with vestibular and other balance disorders. Working knowledge of traditional tests such as VNG and basic familiarity with the new tests such as vHIT and VEMP are needed.

Attendees will learn how to

- Identify which vestibular tests are the most appropriate ones based on the patient history
- Determine the site of lesion based on the review of the clinical findings
- Determine the most likely diagnosis and be able to discuss differential diagnosis based on the history and clinical findings

Dates: July 13-14, 2023

Fee: \$450 (includes lunch)

Educational Credits: maximum of 1.3 AAA CEUs

Location

University of Washington
Health Sciences Education Building
Room 125
1607 NE Pacific St.
Seattle, WA 98195

For information on the course contact:

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Please note: Course is sponsored by Interacoustics and e3 Diagnostics. The course location is contracted independently and does not imply University of Washington endorsement of content, specific products, or clinical procedures.

Hotel Information

Attendees are responsible for obtaining their own hotel rooms. We have arranged for a small block of rooms to be available at the Silver Cloud Hotel - Seattle - University District. Room rate is \$299.00/night for overnight stay on June 12 and 13. Availability is limited. Discount rate rooms will be held under the "e3 Diagnostics" reservation block until June 12, 2023. Room link is available on registration site.

Hotel Location

Silver Cloud Hotel Seattle - University District:

5036 25th Ave. NE

Seattle, WA 98105

206-526-5200

Registration Link

<https://tinyurl.com/mu2sx3cu>



Course agenda*

Seattle, WA - July 13-14, 2023

DAY 1 - July 13, 2023

Time	Topics
8:30 - 10:00 am	Overview of the course - Triage of dizzy patients - Summary of terminologies and care-pathways for patients presenting with dizziness - A brief review of the vestibular tests that is necessary to understand the cases that will be presented
10:00 - 10:15 am	Break
10:15 - 12:00 am	Cases are presented in no particular order but will include: - Uncomplicated BPPV - Atypical/complicated BPPV that may require use of repositioning chair - Vestibular neuritis
12:00 - 1:00 pm	Lunch
1:00 - 2:30 pm	Cases continued in no particular order: - Meniere's disease - Vestibular migraine
2:30 - 2:45 pm	Break
2:45 - 4:45 pm	Cases continued in no particular order: - Superior canal dehiscence - Perilymph fistula - Labyrinthitis
4:45 - 5:00 pm	Q and A

DAY 2 - July 14, 2023

Time	Topics
8:30 - 10:00 am	Cases continued in no particular order: - Stroke/cerebrovascular accident - Cerebellar degeneration - Multiple sclerosis - Ramsay-Hunt syndrome
10:00 - 10:15 am	Break
10:15 - 12:00 am	Cases continued in no particular order: - Central positional disorder misdiagnosed as BPPV - Otolithic syndrome - Vestibular schwannoma - Bilateral vestibulopathy
12:00 - 1:00 pm	Lunch
1:00 - 2:30 pm	Cases continued in no particular order: - Autoimmune inner ear disease - Persistent postural perceptual dizziness and similar cases that require functional assessments such as dynamic posturography or dynamic visual acuity testing - CANVAS - Vascular disease misdiagnosed as vestibular neuritis
2:30 - 2:45 pm	Break
2:45 - 4:30 pm	Hands-on demonstration of vestibular tests - VEMP - VHIT - Rotary Chair/VNG - TRV Chair BPPV Treatment
4:30 - 5:00 pm	Q and A



Kamran Barin, Ph.D. is Assistant Professor Emeritus, Department of Otolaryngology-Head & Neck Surgery and Department of Speech & Hearing Science, The Ohio State University. He established and served as the Director of Balance Disorders Clinic at the Ohio State University Medical Center for over 25 years until his retirement in June 2011. He received his Master's and Doctorate degrees in Electrical/Biomedical Engineering from the Ohio State University. He has published several articles and book chapters and has taught national and international courses and seminars in different areas of vestibular assessment and rehabilitation.



Devin McCaslin, PhD currently serves as the Clinic and Academic Program Director of Audiology at Michigan Medicine in Ann Arbor and holds the rank of Professor in the Department of Otolaryngology-Head and Neck Surgery. Dr. McCaslin's major academic, clinical and research interests relate to clinical electrophysiology, vestibular assessment, healthcare economics, and the application of artificial intelligence to manage and treat dizzy patients. He serves as the Deputy Editor-in-Chief of the Journal of the American Academy of Audiology and is a past member of the Board of Directors for the American Auditory Society, American Balance Society, and American Academy of Audiology. He is also a Past President of the American Balance Society.



Interacoustics is approved by the American Academy of Audiology to offer Academy CEUs for this activity. Attending is worth a maximum of 1.3 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.