



The Charleston Vestibular Conference 2025 Update

November 6-8, 2025

Hyatt Place Hotel
560 King Street
Historic Charleston, SC



For more information:
Visit www.musc.edu/cme, call the Office
of CME at 843-876-1925, or email us at
cmeoffice@musc.edu

Course Directors

Habib G. Rizk, M.D., MSc
Professor and Director,
Vestibular Program
Department of Otolaryngology -
Head & Neck Surgery

Elizabeth Poth, AuD, CCC-A
Clinical Associate Professor, Audiology

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MUSC Conference Co-Directors

Habib G. Rizk, MD, MSc

Professor and Director, Vestibular Program

Department of Otolaryngology - Head & Neck Surgery

Elizabeth Poth, AuD, CCC-A

Clinical Associate Professor, Audiology

Keynote Speakers

Janene M. Holmberg, PT, DPT

Board Certified Clinical Specialist in Neurologic Physical Therapy

Internal Process Control Coordinator (IPC)

Intermountain Health Rehabilitation Services

Salt Lake City, Utah

Jeffrey Staab, MD, MS

Professor and Chair

Department of Psychiatry and Psychology

Mayo Clinic, Rochester, MN

Megan Kobel, AuD, PhD, CCC-A

Assistant Professor

Department of Speech, Language and Hearing Sciences

Director, Vestibular Research Lab

Michael Teixido, MD

Assistant Professor, Otology-Neurotology

Thomas Jefferson University

University of Pennsylvania

University of Arizona, Tucson, AZ

Director, Delaware Otologic Medicine and

Surgery Fellowship, Wilmington, DE

Lab Co-Directors

Rebecca English, OTR/L, PT, MSR, DPT, AVPT

Physical Therapist

Christine Strange, AuD, CCC-A

Clinical Associate Professor, Audiology

Clinical Director, Vestibular Program

MUSC Faculty

Danielle Cassels, AuD, CCC-A

Clinical Assistant Professor, Audiology

Nicole Ritter, AuD, CCC-A

Clinical Assistant Professor, Audiology

Nour El Hidek, AuD, CCC-A

Clinical Assistant Professor, Audiology

Meagan Perro, AuD, CCC-A

Clinical Instructor, Audiology

Elizabeth Pahyiannis Vass, AuD, CCC-A

Clinical Instructor, Audiology

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Conference Description

The three-day conference will focus on how to evaluate and manage patients with vestibular disorders. The course is led by MUSC's Habib R. Rizk, MD, MSc; Rebecca English OTR/L, PT, MSR, DPT; Elizabeth Ploth, AuD, CCC-A; and Michael Teixido, MD of Thomas Jefferson University, University of Pennsylvania, Delaware Otologic Medicine and Surgery Fellowship. Guest faculty include Jeffrey P. Staab, MD, Mayo Clinic, Rochester, MN; Janene Holmberg, PT, DPT, Intermountain Health, Murray, UT; and Megan Kobel, AuD, PhD, CCC-A, University of Arizona.

The course will provide current knowledge and best practices in serving patients with vestibular disorders. A hands-on lab will cover the clinical and paraclinical evaluation of patients with dizziness and the basic therapy principles for various vestibular disorders. The course suits all skill levels and offers in-person and virtual lectures.

TARGET AUDIENCE

The target audience for the conference include the following: Otolaryngologists, Audiologists, Physical Therapists, Occupational Therapists, Neurologists, Internists, Family Practitioners, Pediatricians, Physician Assistants, Nurse Practitioners, VNG/ENG Technicians

Credit Designation

Lecture: The Medical University of South Carolina designates this live activity for a maximum of *17.5 AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Lab: The Medical University of South Carolina designates this live activity for a maximum of *4.5 AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The CME Office will be applying for ASHA, SCAPTA, SCOTA and American Academy of Audiology Accreditation for this conference. Unless credit is noted otherwise, all non-physicians attending the conference would receive CEU Credits. (0.1 credit = 1 contact hour).

Objectives

At the completion of this conference, participants should be able to:

- Evaluate comprehensively a patient with dizziness.
- Assess the importance and prevalence of vestibular migraine as a cause of dizziness.
- Detect and treat atypical forms of BPPV.
- Diagnose and manage Persistent Postural-Perceptual Dizziness (PPPD).
- Discuss cortical processing of space and motion information and the practical clinical implications of vestibular relativity.
- Discuss assessment of vestibular thresholds and implications for diagnosis and management of vestibular disorders.

Accreditation

The Medical University of South Carolina is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Disclosure

In accordance with the ACCME Essentials & Standards, anyone involved in planning or presenting at this educational activity will be required to disclose any relevant financial relationships with commercial interests in the health care industry. This information will be made available to participants at the beginning of the activity. Speakers who incorporate information about off-label or investigational use of drugs or devices will be required to disclose that information at the beginning of their presentation.

Americans with Disabilities Act

It is the policy of the Medical University of South Carolina not to discriminate against any person on the basis of disabilities. If you feel you need services or the auxiliary aids mentioned in this act in order to fully participate in this continuing medical education activity, please call the Office of CME at 843-876-1925.

Electronic Syllabus

The conference syllabus will be provided online. Information will be emailed to you the week of the conference so that you may download/print a copy.

Cancellation

Refunds will be issued upon written request if received by October 6, 2025, minus a \$100 administrative fee. No refunds after this date. Full refunds will be given if the conference is canceled. Should the conference be canceled, MUSC is not responsible for travel or accommodation costs.

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Course Agenda

Thursday, November 6

- 7:00am Registration and Breakfast with Exhibitors
- 7:55 Join Live Stream Session/Opening Remarks, Dr. Rizk
- 8:00 **Clinical Anatomy & Physiology of the Vestibular System**, *Habib Rizk, MD, MSc*
Interpret the anatomy and physiological principles explaining most clinical presentations; Detect site of lesion and physiologic process
- 9:00 **Crash Course on Nystagmus**, *Nicole Ritter, AuD, CCC-A*
Identify types of nystagmus; Identify key terms for interpretation; Identify "normal" vs "abnormal" nystagmus in relation to the vestibular test battery.
- 9:30 **Introduction to Vestibular Laboratory Tests**, *Danielle Cassels, AuD, CCC-A*
Define vHIT, VEMPs, VNG and Rotary Chair; Recognize which portion of the system each is testing and interpret the results.
- 10:00 Break
- 10:15 **Cortical Processing of Space & Motion Information, An Introduction to Vestibular Relativity**, *Jeffrey Staab, MD*

Practical Clinical Implications of Vestibular Disorders, *Jeffrey Staab, MD, MS*
Describe the cortical networks involved in the integration of vestibular, visual and proprioceptive inputs for spatial orientation and motion perception. Apply foundational concepts of vestibular relativity to interpret clinical presentations involving spatial disorientation and motion perception disorders.
- 12:15pm Lunch with Exhibitors
- 1:15 **Differentiating Vestibular Migraine from other Vestibular Disorders**, *Michael Teixeira, MD*
Interpret BPPV, Menieres Disease, Vestibular Neuronitis by time course; Evaluate the pathophysiology of migraine at the cortex, in the brainstem and in the labyrinth; Differentiate BPPV, Menieres Disease, Vestibular Neuronitis by symptom type.
- 3:15 Break
- 3:30 **Crash Course: Clinical Evaluation**, *Habib Rizk, MD, MSc*
Review practical clinical exam of the dizzy patient; Identify high yield findings; Recognize the value of clinical exam versus vestibular testing.
- 4:00 **Panel Discussion: Vestibular Migraine and Associated Disorders.**
- 5:00 Reception with Exhibitors
- 6:00 Conclude for the day

Friday, November 7

- 7:30am Registration and Breakfast with Exhibitors
- 7:55 Join Live Stream Session/Opening Remarks, Dr. Rizk
- 8:00 **Clinical Diagnosis and Management of PPPD**, *Jeffrey Staab, MD, MS*
Develop and implement a multimodal treatment plan for PPPD that integrates vestibular rehabilitation (habituation, gaze stabilization, balance training), cognitive-behavioral therapy, and serotonergic pharmacotherapy when indicated.
- 9:30 Break
- 9:45 **Vestibular Rehabilitation for Persistent Postural-Perceptual Dizziness (PPPD)**, *Janene Holmberg, PT, DPT*
Identify clinical signs and symptoms that differentiate and rule-in PPPD; Select appropriate assessment tools to quantify key driving impairments and functional limitations; List interactive critical components of effective PPPD treatment; Design effective treatment plans that demonstrate an understanding of interactive features of PPPD.
- 11:15 **Q&A**, *Jeffrey Staab, MD, MS & Janene Holmberg, PT, DPT*
- 11:45 Lunch with Exhibitors
- 12:00pm Lunch and Learn: (Option A or B)
- A - BPPV Introductory level – Identifying the Affected Canal** *Rebecca English, OTR/L, PT, MSR, DPT, AVPT*
Interpret the characteristics of the provoked nystagmus; Determine which semicircular canal is affected.
- B - Video Head Impulse Test (introductory level)**, *Christine Strange, AuD, CCC-A*
Identify physiologic basis of video head impulse test and its role in the diagnosis of vestibular disorders. Interpret results of video head impulse test.
- 12:45 **Vestibular Perceptual Thresholds: From the Laboratory to Bedside.** *Megan Kobel, PhD, AuD, CCC-A*
Explain how vestibular perception is measured and the rationale for assessing in patients with dizziness; Describe changes in vestibular perceptual measures in patients with central and peripheral vestibular disorders; Discuss how measures of vestibular function may correlate to measures of balance performance.
- 2:45 Break
- 3:00 **Unraveling Persistent Dizziness: Is PPPD the Only Culprit**, *Janene Holmberg, PT, DPT*
Differentiate clinical presentation of Vestibular Migraine (VM), Dysautonomia, and Functional Movement Disorder (FMD); Select appropriate assessment tools to rule in VM, dysautonomia and FMD; List critical components of effective treatment for Vestibular Migraine, Dysautonomia, and FMD.
- 4:30 **Panel: Chronic Rocking Dizziness**
- 5:00 Conclude for the day

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Course Agenda Continued

Saturday, November 8

****Please note: On Saturday, November 8, the meeting and labs will be held on the MUSC campus, not the Hyatt Place Hotel.****

7:30am Registration and Breakfast

8:00 **Current and Prospective Evaluation Methods of the Vestibular Labyrinth: Video OCR, VEMPs, Galvanic Stimulation of the Labyrinth**, *Megan Kobel, PhD, AuD, CCC-A*
Discuss sensitivity and specificity of the video Ocular Counter-Roll Test (OCR) and correlations to other tests of vestibular function; Evaluate diagnostic information provided by masseter vestibular evoked myogenic potentials; Describe how galvanic vestibular stimulation (GVS) can be implemented in vestibular diagnostics and vestibular rehabilitation.

9:30 **Patient Accessible Technologies and Apps for Vestibular Patients**,
Identify best practice for use of patient accessible apps; Identify applications applicable to vestibular disorders.

10:00 Meeting Concludes/ Walk Over to Labs

10:30 Labs 90 Minute Labs in Three "Tracks" including AudiologyTrack, PT Track and Meet the Experts.

	Audiology Track	Audiology Track	Audiology Track	PT Track	PT Track	Meet the Experts
10:30am - 12:00pm Choose 1	VEMP + vHIT	VNG + Rotary Chair		Mindful Movement Lab	Advanced BPPV Lab	Habib Rizk, MD Michael Teixeira, MD Jeffrey Staab, MD Megan Kobel, PhD, AuD
12:00 - 12:45pm	Lunch			Lunch		Lunch
12:45 - 2:15pm Choose 1	VEMP + vHIT	VNG + Rotary Chair	Low cost, low tech and other supportive diagnostic tools for vestibular evaluation		Advanced BPPV Lab	Habib Rizk, MD Michael Teixeira, MD Jeffrey Staab, MD Megan Kobel, PhD, AuD Janene Holmberg, PT, DPT
2:30 - 4:00pm Choose 1			Low cost, low tech and other supportive diagnostic tools for vestibular evaluation	Mindful Movement Lab		Habib Rizk, MD Michael Teixeira, MD Jeffrey Staab, MD Megan Kobel, PhD, AuD

4:00 Labs Conclude

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Saturday Lab Description

AuD Lab

LAB 1: VEMP, *Elizabeth Poth, AuD, CCC-A*

Description: Overview of adult cervical and ocular VEMP procedures, including patient instructions, test administration, and interpretation. Hands-on practice and case studies available.

Objectives: Identify the role of cervical and ocular VEMPs in vestibular assessment; Perform and interpret cervical and ocular VEMPs.

LAB 1: vHIT, *Nour El Hidek, AuD, CCC-A*

Description: Overview of adult vHIT procedure, including patient instructions, test administration, and interpretation. Includes hands-on learning and case reviews.

Objectives: Recognize the role of vHIT in vestibular assessment; Perform and interpret vHIT.

LAB 2: Videonystagmography (VNG) & Rotary Chair, *Nicole Ritter, AuD, CCC-A & Danielle Cassels, AuD, CCC-A*

Description: Overview of adult VNG and rotary chair (SHA/Step Test) procedures, including patient instructions, test administration, and interpretation. Includes hands-on practice and case reviews.

Objectives: Identify the role of VNG and rotary chair testing in vestibular assessment; Perform and interpret VNG and rotary chair tests.

LAB 3: Low-Cost, Low-Tech & Supportive Tools for Vestibular Evaluation, *Elizabeth Vass, AuD, CCC-A & Meagan Perro, AuD, CCC-A*

Description: Overview of affordable and portable tools to enhance vestibular assessments, including supplemental methods to complement standard testing.

Objectives: Identify low-cost, portable tools for vestibular evaluation; Recognize how supportive tools enhance formal test protocols.

PT Lab

LAB 1: Mindful Movement lab, *Janene Holmberg, PT, DPT*

Description: Teaching principals of mindful relaxation techniques integrated with movement patterns.

Objectives: TBD

LAB 2: Advanced BPPV lab, *Rebecca English OTR/L, PT, MSR, DPT, AVPT*

Description: Instruction and demonstration of various assessment and treatment techniques for anterior, posterior and horizontal semicircular canals for canalithiasis and cupulolithiasis.

Objectives: Assessment of posterior, anterior and horizontal semicircular canal; Review advanced treatment maneuvers for posterior, anterior and horizontal semicircular canals (eg. Demi/Augmented Semont, Kim Maneuver, Gufoni maneuvers)

Meet the Experts Lab

TBD

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Registration Information

The registration fees for In-person or Virtual attendance is as follows (Note, the Lab session is in-person only):

	Early Bird Fee (On/Before 7/31)	Regular Fee (8/1 thru 9/30)	Late Fee (On/After 10/1)
Practicing Physician	\$550.00	\$600.00	\$650.00
All Other Health Professionals	\$400.00	\$450.00	\$500.00
Students & Residents	\$150.00	\$200.00	\$250.00
Industry	\$550.00	\$600.00	\$650.00
Lab (in-person only)	\$175.00	\$225.00	\$275.00

MUSC ENT staff should email the Office of CME at cmeoffice@musc.edu to request a faculty registration form.

Registration fee includes electronic course syllabus and credit processing.

No pre-registrations will be accepted after October 31, 2025. After this date, you must contact the MUSC Office of CME at cmeoffice@musc.edu for availability.

REGISTRATION METHODS:

Please use ONE of these methods to register.

1. Mail registration form with check* or credit card information to:
MUSC Office of CME
96 Jonathan Lucas Street
HE601, MSC 754
Charleston, SC 29425
**Checks should be made out to "Medical University of South Carolina"*
2. Email/Scan completed registration form to cmeoffice@musc.edu
3. Complete registration through the [Online Registration Portal](#)

HOTEL ACCOMMODATIONS

The Hyatt Place Hotel
560 King Street
Charleston, SC 29403
(843)414-4900

A block of rooms has been reserved at the Hyatt Place Charleston, 560 King Street, Charleston, SC 29403. The conference rate is **\$279** and the room block for conference registrants will be held until **Monday, October 6, 2025**. The room block may fill prior to this date and availability cannot be guaranteed. We suggest you make your reservation as soon as possible. To make your reservation, please call the hotel at 1-800-993-4751 and reference the Charleston Vestibular Conference. Please use the following booking link:

<https://www.hyatt.com/en-US/group-booking/CHSXH/G-VEST>

Parking: Current Parking fees per day are as follows: Valet Parking rate is currently \$48.00 per day & will be charged to individual guest rooms on a nightly basis. Self-parking is located in the Charleston County Municipal Parking Garage located behind the Hotel. Self-parking is a separate charge paid directly to the garage upon exiting. Current fee is \$24.00 per day, and subject to change.

ACCESS TO RECORDED PRESENTATIONS:

The MUSC Office of CME, with the permission of each speaker, will be recording each presentation of the conference. The videos will be posted online after the conference and be available for those who are not able to live stream the entire conference. Viewing the videos will offer the same amount of CME credit and can be viewed for up to 14 days following the posting date. The non-refundable fee for this service is **\$150.00** and is only available to individuals registered for the conference. Access to the videos will be granted to attendees who purchase this option in advance of the conference.

Credit Designation: The Medical University of South Carolina designates this enduring material for a maximum of 1.0 AMA PRA Category 1 Credit(s)TM for each video. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

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By Registering for this conference, you acknowledge and agree to the cancellation policy stated below.

Name _____ Personal ID# XXX - XX -
(As you would like it printed on your name badge) (Last four digits of your SSN)

Address _____

City _____ State _____ Zip _____

Specialty _____ Degree/Credentials _____

Email _____ Phone () _____ - _____
(Please provide your active email address to ensure proper receipt of all CME Credit documentation.)

PLEASE READ THE STATEMENTS BELOW AND CHECK THE BOX IF YOU AGREE.

- ☐ YES I give permission to the MUSC Office of CME to share my name, city, and state with other attendees and the companies that will be exhibiting at and/or supporting the conference through educational grants.
- ☐ NO I **do not** give permission to the MUSC Office of CME to share my name, city, and state with other attendees and the companies that will be exhibiting at and/or supporting the conference through educational grants.

PLEASE SELECT THE APPROPRIATE RATE(S)

	Early Bird (On/Before 7/31)	Regular (8/1 - 9/30)	Late (On/After 10/1)
Practicing Physicians	☐ \$550	☐ \$600	☐ \$650
Other Health Professionals	☐ \$400	☐ \$450	☐ \$500
Residents and Students	☐ \$150	☐ \$200	☐ \$250
Industry	☐ \$550	☐ \$600	☐ \$650
Lab Session (In-person only, space limited)	☐ \$175	☐ \$225	☐ \$275

PLEASE SELECT THE REGISTRATION TYPE

☐ In-Person Registration

☐ Virtual Registration*

* For virtual registrations, a minimum number of participants must register to be able to offer the virtual meeting. If the minimum is not met, you will be notified by October 7, 2025, and will be given the option to change to in-person registration or reserve a full refund. If the virtual registration option is cancelled, the video access option would also be cancelled and a refund would be issued to anyone that purchased access to the videos.

ACCESS TO RECORDED PRESENTATIONS**

Yes, I would like access to the recorded videos for an additional fee ☐ \$150

** The videos will be posted online after the conference. Viewing the videos will offer the same amount of CME credit and can be viewed for up to 14 days following the posting date

Please rate your current level in regards to vestibular evaluation, interpretation, and/or treatment ☐ Novice ☐ Intermediate ☐ Advanced

CONFERENCE REGISTRATION MAY BE CHARGED TO:

☐ Enclosed Check Payable to MUSC ☐ MasterCard ☐ Visa ☐ Discover ☐ American Express

Card Number _____ Expiration Date _____

Name as it appears on card _____ CVV Security Code _____ Authorized amount to be charged _____

REGISTRATION METHODS (Please use ONE of these methods to register. Do not mail if previously faxed or telephoned).

- Mail registration form with check made out to "Medical University of South Carolina" or credit card information to
MUSC Office of CME, 96 Jonathan Lucas Street, HE601, MSC 754, Charleston, SC, 29425
- Email/Scan completed registration form to cmeoffice@musc.edu
- Complete registration through the [Online Registration Portal](#)

CANCELLATIONS

A refund will be made upon written request prior to October 6, 2025 less a \$100 cancellation fee. After October 6, no refunds will be made. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for cancelled programs. By registering for this conference, you acknowledge and agree to this cancellation policy