

Vestibular Rehabilitation: A Competency-Based Course

Emory Conference Center and Hotel
1615 Clifton Road, NE
Atlanta, Georgia 30329
March 19, 2018 – March 24, 2018

Course Description

This intense, evidence-based, six-day course is designed for physical therapists, occupational therapists and MDs with experience treating patients/clients with vestibular deficits. The course consists of lecture and laboratory sessions with additional self-study sessions. All participants will be expected to demonstrate assessment skills to the faculty including: oculomotor examination with emphasis on the identification normal and abnormal eye movements, balance and gait assessment with identification of fall risk, and functional assessments. Participants will also be expected to demonstrate appropriate treatment procedures for BPPV affecting posterior, anterior and horizontal canals for both cupulolithiasis and canalithiasis, for unilateral and bilateral peripheral vestibular disorders, and for central vestibular disorders including traumatic brain injury and stroke. Emphasis will be on utilizing assessment results to develop an effective treatment plan. The course will include written, video and practical examinations. This course is **NOT** designed to be an introductory course, and it is **strongly** recommended that participants have experience treating people with vestibular deficits and/or have completed a previous vestibular course.

Two certificates are given in this course – one for attendance and one for achievement. It is our intent that the certificate of achievement signifies that, at the time the course was given, the student demonstrated proper performance of certain skills (based on practical exams) and understood basic information (based on two written exams) related to vestibular rehabilitation. The granting of the achievement certificate in no way certifies that the student retains those skills and knowledge or applies them appropriately in the future.

Audience: This course was designed specifically for physical therapy and occupational therapy professionals. Other medical professionals may participate; however, *we do give preference to physical and occupational therapists and MDs. We do reserve the right to cancel a non-PT, non-OT or non-MD healthcare professionals' registration, if we have a lengthy waitlist or over-booked course.*

This course is **not appropriate** for physical therapy assistants, occupational therapy assistants, speech therapists, or athletic trainers.

For **all** registrants, especially if you are not a PT, OT, or MD and you gain placement in the current year's course, *you are advised to delay arranging air travel until you have received separate, written confirmation from our staff that your placement has been confirmed and approved by our course director, Dr. Richard Clendaniel.*

Level of Learner: Intermediate. Participants should have a minimum of 1-year of experience working with patients with vestibular dysfunction and/or should have taken and completed a course on vestibular rehabilitation.

Course Prerequisites: Although there are no required pre-course reading materials, it is strongly recommended that participants have a working knowledge of the anatomy, physiology and pathophysiology of the vestibular system. If participants would like to review vestibular rehabilitation prior to attendance, the textbook *Vestibular Rehabilitation, 4th Edition* by Dr. Susan Herdman and Dr. Richard Clendaniel is available through multiple online bookstores and sites.

Course Objectives

Upon completion of this course, participants will be able to identify the following:

1. Explain in lay terms the anatomy and physiology of the vestibular system.
2. Recognize and state the clinical significance of diagnostic studies and lab data.
3. Recognize and state the clinical significance of physical assessment and interview data obtained from medical records.
4. Identify from the medical records the signs, symptoms and co-existing problems of the client.
5. Recognize the significance of therapeutic regimes including medications, diet, and surgical procedures for the patient and for vestibular rehabilitation.
6. Recognize disorders that may affect the vestibular system but are not appropriate for treatment by physical therapists
7. Perform and give rationale for appropriate evaluation procedures.
8. Interpret evaluation findings appropriately.
9. Based on evaluation findings and medical records, formulate and give rationale for plan of care.
10. Perform appropriate therapeutic procedures.
11. Demonstrate appropriate post-therapy evaluation and discharge planning.

Agenda (Tentative) and Test Procedures

Day 1: Monday		
7:00-9:00	Registration	
9:00-9:30	Introduction and Orientation	R. Clendaniel
9:30-11:00	Lecture: Anatomy & Physiology of the Vestibular System	R. Clendaniel
11:00-11:30	Break	
11:30-12:30	Lecture: Pathophysiology, Etiology & Signs/Symptoms	N. Shepard
12:30-1:30	Lunch	
1:30-2:30	Lecture: Pathophysiology cont'd	N. Shepard
2:30-3:00	Break	
3:00-4:30	Lecture: Assessment of Balance and Gait	C. Hall
4:30-6:00	Practicum 1: Balance and Gait Assessment	All Faculty
Day 2: Tuesday		
8:00-9:30	Lecture: Critical Elements of the Clinical Exam	R. Clendaniel
9:30-10:00	Break	
10:00-12:00	Practicum 2: Oculomotor Exam	All faculty
12:00-1:00	Lunch and Exhibit break	
1:00-2:30	Practicum 3: Oculomotor Videos	All Faculty
2:30-3:30	Lecture: Assessment of Subjective Complaints	C. Hall
3:30-4:00	Break	

4:00-4:45	Lecture: Vestibular Function Tests: Caloric & VEMP	All Faculty
4:45 – 6:00	Vestibular Function Test Cases	Shepard / Clendaniel / Schubert
6:30-9:00	Competency Testing – Balance and Gait – scheduled times	All Faculty
Day 3: Wednesday		
8:00-9:30	Lecture: BPPV – Management of PC BPPV	S. Herdman
9:30-10:30	Lecture: BPPV – Management of AC, HC BPPV	R. Clendaniel
10:30-11:00	Break	
11:00-12:30	Practicum 5: BPPV – Assessment and Treatment	All Faculty
12:30-1:30	Lunch and exhibit break	
1:30-3:00	Practicum 6: BPPV Nystagmus	All Faculty
3:00-3:30	Break	
3:30-5:00	Lecture: Central Disorders	J. Hoder
5:00-5:15	Break	
5:15-8:30	Competency testing – Oculomotor Examination – scheduled times	All Faculty
Day 4: Thursday		
8:00-9:30	Lecture: Treatment Theory, Goals, Development of Plan of Care	M. Schubert
9:30-10:00	Break	
10:00-11:30	Lecture: Treatment Progression and Decision Making	T. Denham
11:30-12:00	Special Session – Developing a Dizziness and Balance Center	
12:00-1:00	Lunch and exhibit break	
1:00-2:00	Lecture: Treatment of Motion Sensitivity	L. Heusel-Gillig
2:00-2:30	Break	
2:30-4:00	Practicum 7: Treatment Procedures for Vestibular Loss	All Faculty
4:30-8:30	Competency testing – BPPV – scheduled times	All Faculty
Day 5: Friday		
8:30-9:30	Lecture: Management of the Elderly w/ Vestibular Dysfunction	S. Whitney
9:30-10:30	Practicum 8 – Case Studies – small groups	All Faculty
10:30-11:00	Break	
11:00-12:00	Lecture: Identification and Management of Vestibular Migraine	N. Shepard
12:00-1:00	Lunch	
1:00-2:30	Lecture: Treatment of Post-Concussion Syndrome	L. Morris
2:30-3:00	Break	
3:00-4:30	Lecture: Functional and Psychological Problems and the Patient with Dizziness	J. Holmberg
4:30-5:30	Question and Answer period	All Faculty
5:30-8:30	Competency testing –UVL/ BVL treatments – scheduled times	All Faculty
Day 6: Saturday		
8:00-11:00	Case studies: Decision-making	
11:00-11:30	Wrap-up	All Faculty
11:30-1:00	Lunch and Study	
1:00-2:00	Video Examination	Clendaniel & Shepard
2:00-3:30	Written Examination	All Faculty
3:30	Adjourn, Certificates of Attendance (CEU) will be available; Certificate of Competency will be mailed 8-10 weeks post course	

Procedure if an applicant does not pass the examination

1. If a participant fails either or both exams, they can retake the failed exam(s): (1) the following year on the last day of the course, or (2) at a testing center within 2 weeks of the date the exam is given at the course.
2. The cost for retaking one or both tests:
 - \$500 for APTA Member Physical Therapists (PTs) and foreign practitioners.
 - \$600 for APTA Non-Member PTs and professionals who are non-PTs (i.e. OT, MD) from within the US
3. Registering to retake the test(s) at the course site includes:
 - access to the study cases at the Atlanta site on the day of the exam
 - sitting in on the last day's course material and question/answer period
 - taking the exam(s)
4. The participant is responsible for the costs associated with hotel room, meals, and travel.
5. The participant will be informed about the test results at the same time as other course participants.
6. If the exam is passed, the Certificate of Achievement will be dated the year the exam was passed.
7. If the retest is not passed, the participant must retake the full course in order to take the exam for a 3rd time.

Course Tuition & Fees

APTA member <i>or</i> International Professional (PT/OT/MD practicing outside US)*	Register on or before January 1, 2018	Register after January 1, 2018
Single	\$3405	\$3541
Double	\$3090	\$3214
Day only	\$2425	\$2522
APTA Non-members <i>or</i> National Non-PT Professional (OT/MD practicing within US)*	Register on or before January 1, 2018	Register after January 1, 2018
Single	\$3505	\$3645
Double	\$3190	\$3318
Day only	\$2525	\$2626

**Medical Physicians & OTs: MDs, please note that CMEs are not given for this course. OTs, please note that you must receive accreditation through your professional accreditation agency. Medical physicians, please refer to page 1 under "Audience" for additional information about your registration.*

Included within the price of tuition:

- **Single:** Single room lodging (6 nights/7 days), 3 meals per day**, daily snacks, course instruction, access to online course materials, 3-ring binder with lab sessions, on-site parking.
- **Double:** Shared lodging with another course participant (6 nights/7 days), 3 meals per day**, daily snacks, course instruction, access to online course materials, 3-ring binder with lab sessions, on-site parking.
- **Day only:** Lunch meal**, daily snacks, course instruction, access to online course materials, 3-ring binder with lab sessions, on-site parking.

*** Kosher meals will be subject to additional charges and participant will arrange directly with the Conference Center.*

Course Registration & Payment

Instructions and Policies

- **All** registration must occur using the online registration/payment portal. Paper registration will not be accepted.

- Full payment is due at time of online registration and may be made by credit card or by check.
- Partial payments, “down payments,” or pre-payments are not accepted.
- Cancellations **prior to January 30, 2018** will result in a full refund, less \$500.00 per person/cancellation. Refunds will be issued within 30 days of the course’s end date.
- Cancellations **after January 30, 2018** will result in loss of full tuition.
- Cancelled or bounced checks will result in a \$250.00 charge.
- **Checks** must be **received within 10 business days of your registration**, or your spot within the course will be forfeited.
- **Checks** should be payable to “**Emory University School of Medicine**” and mailed to below address. Please include your name and “vestibular course” on the check.

*Tommy Wilson, Business Manager
Emory University School of Medicine
CME Office
100 Woodruff Circle, NE
Suite 331
Atlanta, GA 30322
T: (404) 727-0469
F: (404) 727-5667*

Course Materials

- Course materials will **not** be printed for participants, with the exception of those materials required for laboratory sessions.
- In the week prior to the course, you will receive electronic access to course lectures & readings through an online platform provided by Duke University.
- During the course, Wi-Fi will be provided in order to access the week’s lectures and readings. You are encouraged to bring a personal laptop or tablet in order to view these materials.
- Participants who prefer a hard-copy of the materials, should print these prior to attending the course. The course lectures will fill a 3-inch wide, 3-ring binder. Be advised that the lab materials will be printed for you.

Travel and Accommodations

FOR ALL REGISTRANTS, YOU ARE ADVISED TO DELAY ARRANGING AIR TRAVEL UNTIL YOU HAVE RECEIVED A SEPARATE, EMAIL CONFIRMATION FROM RICHARD CLENDANIEL, PT, PHD, THAT YOUR PLACEMENT HAS BEEN CONFIRMED.

Course Location and Accommodations:

- Hotel accommodations at the Emory Conference Center Hotel are included within the price of a single or double tuition for 6 nights/7 days.
Check-in is at 4:00 PM EST on the Sunday prior to the first lecture on Monday morning.
Checkout is between Noon – 2:00 PM EST on Saturday.
- The hotel reservation *will be made for you by our office*.
- Your hotel confirmation will arrive via email directly from the Emory Conference Center Hotel at least 4 weeks prior to the course date.
- If you need an additional night at the hotel either before or after the course, please contact the Conference Center directly to make these additional arrangements.

Emory Conference Center Hotel
1615 Clifton Road, NE
Atlanta, GA 30329
T: (404) 712-6000
F: (404) 712-6025
<http://www.emoryconferencecenter.com/>

Flight Information:

- Flights into Atlanta will arrive at Hartsfield Jackson International Airport, which is located 25-30 minutes from the Conference Center.
- Please do not schedule a departure flight from Atlanta *before 6:00 PM EST* on the final day to ensure adequate time to arrive at the airport.

Ground Transportation:

- Atlanta Airport Superior Shuttle & Limo,” is the preferred shuttle service used to/from Hartsfield Jackson International Airport from/to the Emory Conference Center Hotel.
T: (770) 457-4794
F: (770) 457-6907
- <http://www.atlsuperiorshuttle.com/>
- Uber, Lyft and other taxi services are also available from the airport to the Emory Conference Center Hotel.

Additional Information regarding travel to the Metro-Atlanta area may be found on our Continuing Education website at: <https://www.emorydpt.org/student-life/visitor-information/>