

## Vestibular Rehabilitation: A Competency-Based Course

Emory Conference Center and Hotel  
1615 Clifton Road, NE  
Atlanta, Georgia 30329  
March 27, 2017 – April 1, 2017

**PLEASE NOTE: THIS INFORMATION IS FOR PLANNING PURPOSES ONLY AND IS SUBJECT TO CHANGE.**

### 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 faculty including: oculomotor examination with emphasis on the identification of nystagmus and canal involvement; and balance and gait, 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. 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.

**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, 4<sup>th</sup> 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 AM	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 PM	Lecture: Pathophysiology, etiology & signs/symptoms	N. Shepard
12:30-1:30	Lunch	
1:30-2:30	Lecture: Pathophysiology cont	N. Shepard
2:30-3:30	Lecture & Demo: Critical Elements of the Clinical Exam – Normal Exam	R. Tusa
3:30-4:00	Break	
4:00-5:30	Practicum 1: Oculomotor Exam	All Faculty
5:30-6:30	Dinner	
6:30-7:30	Lecture & Demo: Critical Elements of the Clinical Exam – Pathological Findings	R. Tusa
Day 2: Tuesday		
8:00-9:30 AM	Practicum 2-Oculomotor videos	Herdman, Shepard, Clendaniel, Hall, Schubert
9:30-10:00	Break	
10:00-11:30	Lecture - Vestibular function tests – caloric, rotary, posturography, SVV, VEMP, Bucket	M. Schubert
11:30-12:30 PM	Lunch and Exhibit break	
12:30-2:00	Practicum 3 -Vestibular function test cases	All Faculty
2:00-3:30	Lecture and demo – Assessment of Balance and Gait	C. Hall
3:30-4:00	Break	
4:00-5:30	Practicum 4 - Balance and gait assessment	All Faculty
6:00-9:00 PM	Competency testing – Oculomotor examination – scheduled times	All Faculty
Day 3: Wednesday		
8:00-9:30 AM	Lecture and demo - BPPV – management of PC BPPV	S. Herdman

9:30-10:30	Lecture and demo - BPPV – management of AC, HC BPPV	R. Clendaniel
10:30-11:00	Break and exhibit hall	
11:00-12:30 PM	Practicum 5- BPPV – assessment and treatment	All Faculty
12:00-1:30	Lunch and exhibit break	
1:30-3:00	Practicum 6 - BPPV Nystagmus	All Faculty
3:00-3:30	Break and exhibit hall	
3:30-5:00	Practicum 7 - Treatment procedures for vestibular loss	All Faculty
5:00-5:30	Break	
5:30-9:30 PM	Competency testing – Balance and Gait – scheduled times	All Faculty

<b>Day 4: Thursday</b>		
8:00-9:00 AM	Lecture – Focused assessment of patients with vestibular hypo function	S. Herdman
9:00-10:30	Lecture and demo -Treatment theory, goals, development of plan of care	R. Clendaniel
10:30-11:00	Break and Exhibit Hall	

11:00-12:30 PM	Lecture - Treatment progression and decision making	T. Denham
12:30-1:30	Lunch and exhibit break	
1:30-2:30	Lecture – Management of the Elderly Person with Vestibular Dysfunction	C. Hall
2:30-3:30	Lecture – Outcome expectations	S. Herdman
3:30-4:00	Break	
4:00-8:00 PM	Competency testing – BPPV – scheduled times	All Faculty

<b>Day 5: Friday</b>		
8:00-9:00 AM	Lecture – Central Vestibular Disorders	J. Hoder
9:00-10:30	Practicum 8 – Case studies with role playing – small groups	All Faculty
10:30-11:00	Break and Exhibits	
11:00-12:00 PM	Lecture – Use of habituation exercises in central and non-vestibular lesions	L. Heusel-Gillig
12:00-1:30	Lunch and special session: The business of establishing your practice	
1:00-2:00	Lecture – treatment of post-concussion syndrome	L. Morris
2:00-3:30	Lecture- Psychological problems and the patient with dizziness	R. Tusa
3:30-4:00	Break	
4:00-5:00	Question and Answer period	All Faculty
5:00-7:30 PM	Competency testing –UVL/ BVL treatments – scheduled times	All Faculty

<b>Day 6: Saturday</b>		
8:00-10:30 AM	Case studies: Decision-making:	
10:30-1:00 PM	Lunch and Study	
1:00-2:00	Video Examination	S. Herdman; N. Shephard
2:00-3:30	Written Examination	All Faculty
3:30 PM	Adjourn, Certificates of Attendance (CEU) will be available; Certificate of Competency will be mailed 8-10 weeks post course	

**PROCEDURE IF A PARTICIPANT DOES NOT PASS THE EXAMINATIONS:**

1. If a participant fails either or both exams, they can retake that exam(s) the following year either at the course, or they can arrange to take the examination(s) 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 is \$500 for APTA Member Physical Therapists (PTs) and foreign practitioners. The cost for retaking one or both tests is \$600 for APTA Non-Member PTs and professionals who are non-PTs (i.e. Occupational Therapist, Medical Doctor) from within the US.
3. Registering to retake the test(s) at the course site includes:
  - a. taking the exam(s)
  - b. access to the study cases at the Atlanta site on the day of the exam
  - c. sitting in on the last day's course material and question/answer period
4. The participant will be informed about the test results at the same time as all other course participants
5. If the participant passes the exam(s), will receive the Certificate of Achievement dated the year they passed the exam
6. The participants are responsible for the costs associated with hotel room, meals, and travel.
7. If the participant doesn't pass the retest(s), then the individual cannot sit for the exam unless they retake the course.

**Course Tuition & Fees**

**PLEASE NOTE: THESE ARE 2016 TUITION PRICES. WE DO ANTICIPATE THAT TUITION WILL CHANGE FOR 2017. Please use these numbers for planning purposes only.**

<b>APTA member <i>or</i> International Professional (PT/OT/MD practicing outside US)*</b>	<b>Register <i>on or before</i> February 10, 2016</b>	<b>Register <i>after</i> February 10, 2016</b>
Single	\$3250	\$3380
Double	\$2950	\$3068
Day only	\$2260	\$2350
<b>APTA Non-members <i>or</i> National Non-PT Professional (OT/MD practicing within US)*</b>	<b>Register <i>on or before</i> February 10, 2016</b>	<b>Register <i>after</i> February 10, 2016</b>
Single	\$3350	\$3484
Double	\$3050	\$3172
Day only	\$2360	\$2454

**Single** includes: Single room lodging (6 nights/7 days), 3 meals per day\*\*, daily snacks, all course instruction and materials, on-sight parking.

**Double** includes: Shared lodging with another course participant (6 nights/7 days), 3 meals per day\*\*, daily snacks, all course instruction and materials, on-sight parking

**Day only** includes: Lunch meal\*\*, daily snacks, all course instruction and materials, on-sight parking.

**\*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

**\*\*** Kosher meals will be subject to additional charges and will be arranged 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 February 20, 2017** 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 February 20, 2017** will result in loss of full tuition.
- Cancelled or bounced checks will result in a \$250.00 charge.
- **Checks, payable to Emory University School of Medicine,** must be **received** in our office **within 10 business days**, or your spot within the course will be forfeited.

**Registration and Payment Link\***: <http://www.rehabmed.emory.edu/pt/ce/courses.shtml>

\*Registration for 2017 will open during late Autumn 2016

## Travel and Accommodations

### Course Location and Accommodations:

- Hotel accommodations are included within the registration fee for 6 nights/7 days.
  - **Check-in** is at 4:00 PM EST on the Sunday prior to the first lecture on Monday morning.
  - **Check-out** is between Noon – 2:00 PM EST on Saturday.
- The hotel reservation *will be made for you by our office*, and you will receive your hotel confirmation via email within 8-10 weeks of your course registration.
- 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.

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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:** Please contact the Conference Center directly for information about “Atlanta Airport Superior Shuttle & Limo,” the shuttle service used to/from Hartsfield Jackson International Airport.

**Additional Information regarding travel** to the Metro-Atlanta area may be found on our Continuing Education website at: <http://www.rehabmed.emory.edu/pt/ce/directions.shtml>