Vestibular Rehabilitation:

Evaluation and Management of Individuals with Dizziness and Balance Disorders

Richard Clendaniel, PT, Ph.D., FAPTA

ERI EDUCATION RESOURCES INC
life-changing learning for therapists by therapists

Faculty

Richard Clendaniel, PT, Ph.D. FAPTA, is an assistant professor in the Department of Orthopedic Surgery, Doctor of Physical Therapy Division, and in the Department of Head & Neck Surgery and Communication Sciences at the Duke University School of Medicine. He received his MS in Physical Therapy and Ph.D. in Behavioral Neuroscience from the University of Alabama at Birmingham and completed a post-doctoral fellowship in neuro-otology with Susan Herdman, Ph.D., PT. He previously served as director of the Vestibular Rehabilitation program at Johns Hopkins University School of Medicine, Department of Otolaryngology - Head and Neck Surgery. Dr. Clendaniel maintains an active practice treating patients with vestibular disorders and dizziness. His primary research is in the normal function of the vestibular system and the plasticity of the vestibular system following injury.

Disclosure - Financial: Richard Clendaniel receives an honorarium from ERI for this course and royalties as a book editor for Vestibular Rehabilitation, 4th edition, Herdman & Clendaniel. Non-Financial: He has no non-financial relationships to disclose.

About this Live Webinar

Symptoms of "dizziness" are the number 3 reason individuals over the age of 65 seek medical attention. It becomes the number 1 reason for seeking care in individuals over the age of 70. Medical or surgical management is often not indicated or helpful, but many of these individuals do benefit from vestibular rehabilitation techniques. In addition, 50% of the individuals over the age of 65 with dizziness will develop a form of vertigo that can be alleviated with one simple therapy treatment. These individuals with vertigo and dysequilibrium represent a large patient population for physical and occupational therapy. This course will focus on the assessment and treatment of patients with vertigo and disequilibrium from vestibular causes. Specific emphasis will be placed on the assessment and treatment of unilateral and bilateral vestibular hypofunction, benign paroxysmal positioning vertigo, central vestibular disorders, and multisensory dizziness. This information is applicable to a large patient population including geriatric patients as well as individuals with CNS lesions such as multiple sclerosis, CVA, and head injury.

Objectives

- Identify the normal anatomy and physiology of the vestibular system
- Identify the impact of a vestibular lesion on normal function
- Identify the eye movements which are indicative of peripheral vestibular hypofunction including direction fixed horizontal nystagmus, head shaking induced nystagmus, abnormal head thrust test
- Identify the eye movements which are indicative of central vestibular disorders including direction changing nystagmus, vertical nystagmus, impaired VOR cancellation, saccadic pursuit, hypometric, hypermetric, or slowed saccades
- Identify the eye movements which are indicative of posterior, anterior and horizontal canal BPPV (canalithiasis and cupulolithiasis)
- Differentiate between unilateral vestibular hypofunction, bilateral vestibular hypofunction, BPPV, Meniere's disease, motion provoked dizziness based, and non-vestibular causes of dizziness based on the patient's presenting history and symptoms.
- Differentiate between unilateral vestibular hypofunction, bilateral vestibular hypofunction, BPPV, Meniere's disease, motion provoked dizziness, central vestibular disorders and non-vestibular causes of dizziness based on the patient's clinical examination.
- Apply the history and clinical exam results to determine an appropriate, evidence-based treatment strategy for an individual with a vestibular disorder.

EDUCATION RESOURCES INC

life-changing learning for therapists by therapists

Schedule – Day 1 10:10 am – 5:00 pm EST (US)

10:10–10:30	Webinar Registration/Zoom Course Opens
10:30-12:30	Introduction, Demographics, Anatomy & Physiology
12:30-1:30	Impact of lesions on normal function and common pathologies
1:30-2:00	Lunch
2:00-5:00	History & Clinical Exam A.) Lecture - Signs and Symptoms of Vestibular Disorders-Clinical Exam and Interpretation B.) Identification of normal & abnormal eye movements (video cases) • Oculomotor Exam • Direction of nystagmus during testing

Audience

Designed for PTs, PTAs, OTs, and OTAs.

"Dr. Clendaniel is a credit to the profession; he is knowledgeable, well spoken, and an extremely pleasant presenter. The content of the material covered was detailed and well organized."

— Kathrine P., PT

Schedule – Day 2 10:10 am – 5:00 pm EST (US)

10:10–10:30	Webinar Registration/Zoom Course Opens
10:30-1:30	Treatment: From Assessment to Treatment A.) Treatment rationale • Potential and Time Course for Recovery B.) Treatment Strategies • Patients with incomplete lesions • Patients with complete lesions • Patients with motion provoked dizziness
1:30–2:00	Lunch
2:00-4:30	B.) Treatment Strategies (continued) • Treatment considerations for central vestibular disorders • BPPV: pathophysiology & treatment (all canals)
4:30-5:00	Case Studies & Summary

Find us on

Register at educationresourcesinc.com

life-changing learning for therapists by therapists

ERI: Life-changing learning

You love what you do. Our courses remind you why. As a therapist, you change lives every day – and have your life changed in return. ERI is life-changing learning, for therapists by therapists.

The ERI Advantage:

- Techniques you'll use the next day
- Peers who share your passion
- Renowned faculty
- Evidence-based courses that improve outcomes
- 30 years of life-changing learning

Specialty Tracks throughout the lifespan – Neonatal, Pediatric, Adult, Geriatric

Each ERI specialty track is designed to make the most of your continuing education time, budget, and goals. Start your search with us, and plan every course you'll take in 2023.

ERI Rewards

Your ERI experience is more rewarding than ever.

- First Course Discount
- Group Discounts
- $100 off your 4th Multi-day Course
- And more

Subject to availability. Exclusions may apply. Visit our website for details and coupon codes.

Credits

This course meets the criteria for 12 contact hours (1.2) CEUs, Introductory Level.

AOTA American Occupational Therapy Association Approved Provider

Education Resources Inc. is an AOTA Approved Provider of professional development. Course approval ID#03531. This Distance Learning-Interactive course is offered at 12 contact hours 1.2 CEUs. (Introductory level, OT Service Delivery & Foundational Knowledge). AOTA does not endorse specific course content, products or clinical procedures.

This course can be used toward your NBCOT renewal requirements for 12 units.
Approved provider of the **FL** Board of Occupational Therapy-CE Broker – 14 hrs.
This course meets the approval of the **TX** Board of OT Examiners.
Application has been made to the **FL** Physical Therapy Association for 14 continuing education contact hours.
Approved by **MD** Board of Physical Therapy Examiners.
Approved by the **MN** Board of Physical Therapy.
Approved by the **NJ** Board of Physical Therapy Examiners.
Approved sponsor by the State of **IL** Department of Financial and Professional Regulation for Physical Therapy for 14 contact hours.
Approved provider by the **NY** State Board of Physical Therapy for 14 contact hours (1.4 CEUs).
Education Resources, Inc. is an approved provider for Physical Therapy CEUs in the following states: **CA, KY, OK** and **TX**. The following state boards of physical therapy accept other states' approval: **AK, AR, AZ, DC, DE, GA, HI, ID, IN, KS, MA, MI, MO, MS, NC, OR, PA, RI, SC, UT, VA, VT, WI, WY**. The following state boards of physical therapy either do not require course pre-approval or do not require CEUs for re-licensure: **AL, CO, CT, IA, ME, MT, NE, ND, NH, SD, WA.**
12 hours of this course qualify towards the discipline-specific hours for the 20-hour requirement for NDTA re-certification. They do NOT qualify towards the 8-hour NDTA Instructor requirement for re-certification.. Education Resources Inc. 266 Main St, Medfield, MA 02052. Please contact us with any special needs requests: info@educationresourcesinc.com or call 800-487-6530.

Webinar Dates and Times

January 21 and 22, 2023

10:10 am EST • 9:10 am CST • 8:10 am MST • 7:10 am PST (US)

Registration is for both sessions. Zoom log-in instructions and course materials will be emailed/added to your ERI account 5-7 days prior to the first date of the webinar.

EDUCATION RESOURCES INC

life-changing learning for therapists by therapists

$369 fee. **LIMITED ENROLLMENT.** Cancellation will be accepted until 14 days prior to the start date of the course, minus a $75 Administration Fee. There will be NO REFUNDS after this 14 day deadline. Registration will be accepted after deadline on a space available basis. We encourage you to register online!

LIVE WEBINAR: Vestibular Rehabilitation: Evaluation and Management of Individuals with Dizziness and Balance Disorders - Richard Clendaniel

❑ January 21 and 22, 2023

Course Registration Form:

Name: _____

Address: _____

City: _____State: _____ Zip Code: _____

Home Phone: _____ Work Phone: _____

Cell Phone: _____

Needed in the event of an emergency scheduling change

Email: _____

Please clearly print your email address for course confirmation

Employer: _____

Discipline: _____ Specialty: _____

How did you learn of this course? _____

Education Resources reserves the right to cancel any course due to insufficient registration or extenuating circumstances. We are not responsible for any expenses incurred by participants if the course must be cancelled.

❑ I have read your refund policy above and understand.

Cardholder's name & billing address with zip code if different from above:

_____

_____

_____

Signature _____

Amount charged _____

I hereby authorize you to charge my: ❑ VISA ❑ MC ❑ DISCOVER# _____

Exp. Date_____CVV2 Code_____