

Outline

Functional Neuroanatomy and Neuroplasticity

Neuroplastic changes following brain ischemia
Lost automatic movements and postural balancing
Theoretical approaches to Neurorehabilitation

Stroke Assessment Skills, Scales and Scores

Upper extremity assessment
Lower extremity assessment
Gait, balance and coordination
Strength, mobility and stability
Stroke specific executive function assessment

Mobility and Gait:

Optimize Walking Ability and Restore Functional Mobility

Stellar documentation
Functional approach
Reverse the tide of chronic compensatory patterns
Gait training interventions to increase and optimize

- Root cause for impairments
- Gait speed and fall risk
- Active stretching
- Rhythm and coordination

Orthotics: friend or foe?

Supplementary devices to encourage volitional support

Spasticity Solutions for Post Stroke Patients:

Interventions and Techniques for Successfully Working with...

Chronic spasticity
Low level patients with spasticity
Upper and lower extremity

Post Stroke Orthotic Treatments: How You Can Use Orthotics with Patients to...

Maintain range of motion
Stabilize upper and lower extremities
Correct positioning and improve gait
Improve stability and efficiency while walking

Management of the Hemiplegic Shoulder

Subluxation
Decreased sensation
Weakness
Coordination

Extremity Pain Management

When does "no pain, no gain" ring true and when it does not?

Yellow or red flags
Pain alleviation techniques
Spinothalamic neuronal tract and pain management

Executive Function

Outcome measure for assessment and treatment
Its effect on the learning process
Its effect on patient prognosis

Pusher Syndrome and Motor Apraxia

Neurodevelopment treatment tactics
Outcome measure
How to reduce stress on patient and employee
Transfer practices
Evidenced-based Intervention

Visual Rehab After Stroke

Incorporated vestibular rehab into stroke rehab
Importance of visual processing
Cranial lesions and visual processing
Cranial nerves and visual processing

Objectives

1. Develop a specialty niche in your facility catering to acute and chronic stroke survivors.
2. Evaluate stroke survivors with assessment skills, scales and scores for extremity functionality, balance and stability.
3. Employ training interventions to optimize gait speed and reduce fall risk.
4. Determine root causes for stroke related impairments for more targeted treatment plans.
5. Investigate how exercise instills improved cognition and connect this information to treatment approach.
6. Employ a functional paradigm to stroke intervention and assessment.
7. Determine appropriate levels of intensity in stroke rehab to increase patient safety.
8. Use evidence-based techniques to more successfully work with spasticity in post-stroke patients.
9. Determine how post-stroke patients struggling with stability and walking efficiency can benefit from orthotic treatments.
10. Evaluate pain alleviation techniques that can be applied to manage extremity pain in post-stroke patients.
11. Analyze how vestibular rehab can be incorporated into stroke rehabilitation to improve gaze stability and reduce symptoms of imbalance.
12. Employ techniques that use the upper and lower extremity together instilling a proper messaging center to the paretic side of the body.

FREE BONUS OFFER!

Spanish for HealthCare Flashcards



ACCESS THESE PRINTABLE TOOLS AT pesihc.com/SpanishFlashCards

Group Training Solutions Made Easy!

- ONLINE or in-person
- Customizable
- Easy remote access
- From 5 to 5000
- CE hours available



www.pesirehab.com/inhouse

2-DAY

Stroke Rehabilitation Certificate Workshop

LIVE Interactive Webinar

Thursday & Friday, February 24 & 25, 2022

BONUS! – Registration includes FREE on-demand access for 3 months.

REGISTER NOW: pesirehab.com/webcast/86500



NON-PROFIT ORGANIZATION U.S. POSTAGE PAID EAU CLAIRE WI PERMIT NO. 32729

PESI Rehab P.O. Box 1000 Eau Claire, WI 54702-1000 A Division of PESI, Inc.

Join us online for this live training!

2-DAY

Stroke Rehabilitation Certificate Workshop

Let employers, colleagues and patients know you've invested the time and effort to provide specialized care

- Earn a displayable certificate of recognition
- Proven techniques for rapid functional gains
- Evidence-based techniques to more successfully work with post-stroke patients

Live Interactive Webinar

Thursday & Friday, February 24 & 25, 2022

BONUS! – Registration includes FREE on-demand access for 3 months.



REGISTER NOW: pesirehab.com/webcast/86500

A NON-PROFIT ORGANIZATION CONNECTING KNOWLEDGE WITH NEED SINCE 1979

2-DAY Stroke Rehabilitation Certificate Workshop

This **Stroke Rehabilitation Certificate Workshop**, with its displayable certificate of recognition, is the perfect way for you to let patients, employers and colleagues know that you've invested time and effort into specialized training without the additional fees, forms and lengthy exams of credential granting certification programs.

Dr. Benjamin White is an expert in stroke rehabilitation, and an award-winning clinical instructor, who has helped countless stroke survivors leave their limitations behind.

Over 2 intensive days Dr. White will make both evidence-based and cutting-edge resources available to you in a way that is instantly applicable to your work -- showing you how to turn years of research and practice into practical strategies and techniques so you can:

- Skillfully assess extremity function, gait, balance, coordination, executive functioning and more
- Optimize your patients' walking ability and restore their functional mobility
- More successfully work with spasticity in post-stroke patients
- Knowledgeably use orthotics to stabilize extremities and improve stability
- Manage extremity pain with today's best practices
- Restore executive functioning and visual skills

Sign up today and leave knowing that you have what it takes to guide patients toward rapid functional improvements and greater independence with the best methods available!



Risk Free Purchase! PESI stands by our trainings and we have a 100% satisfaction guarantee. If you are not satisfied, please contact our customer service team at www.pesirehab.com/info or 800-726-3888 and we will make it right.

PESI Offers Group Discounts!

To save on groups of 5 or more, contact us at [pesirehab.com/info](http://www.pesirehab.com/info)!

Questions?

Visit our FAQ page at [pesirehab.com/faq](http://www.pesirehab.com/faq) or contact us at [pesirehab.com/info](http://www.pesirehab.com/info).

Have a seminar idea? A manuscript to publish? The nation's top speakers and authors contact PESI first. If you are interested in becoming a speaker or have a new topic idea, please contact **Matt Anderson** at manderson@pesi.com or call **715-855-8174**.

Meet Your Speaker

Benjamin White, PT, DPT, C/NDT, LSVT BIG, is an expert in stroke rehabilitation who serves as the lead neurological therapist at a not-for-profit healthcare institution in Texas. A graduate of the University of Texas Health Science Center's physical therapy doctoral program, he has treated a wide array of neurological diagnoses over the years, from concussions and vestibular disorders to stroke, Parkinson's, and Guillain-Barre syndrome.

Dr. White is an award-winning clinical instructor, a renowned national speaker on stroke rehabilitation topics, and has published numerous articles on the topics of neuroplasticity and stroke. In addition, he serves on the Neuro-Development Treatment (NDT) publication committee and is the co-president of the Brazos Valley Parkinson's Association.

Speaker Disclosures:

Financial: Benjamin White has an employment relationship with Baylor Scott & White. He receives a speaking honorarium from PESI, Inc.

Non-financial: Benjamin White is a member of the Neurodevelopmental Treatment Association.

Live Webinar Schedule - both days

(Times listed in Eastern)

8:00 Program begins

11:50-1:00 Lunch Break

4:00 Program ends

There will be two 15-min breaks (mid-morning & mid-afternoon). Actual lunch and break start times are at the discretion of the speaker. A more detailed schedule is available upon request.

Target Audience:

Physical Therapists • Physical Therapy Assistants
Occupational Therapists
Occupational Therapy Assistants
Therapy Directors
Other Rehab and Healthcare Professionals

CE CREDITS AVAILABLE FOR LIVE WEBINAR

This continuing education activity is designed to meet state board requirements for the following professionals: **Physical Therapists and Occupational Therapists.**

For specific credit approvals and details, visit [pesirehab.com/webcast/86500](http://www.pesirehab.com/webcast/86500)

National CE Credit Approvals For Live Webinar

Credits listed are for full attendance at the live Webinar only. The CE certificate can be downloaded/printed after completing the Webinar and passing the online post-test evaluation (80% passing score). Please see schedule for full attendance start and end times. NOTE: Boards do not allow credit for breaks or lunch.



PESI, Inc. is an AOTA Approved Provider of continuing education. Provider #: 3322. Full attendance at this course

qualifies for 12.5 contact hours or 1.25 CEUs in the Category of Domain of OT and Occupational Therapy Process. Partial credit will be issued for partial attendance. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. Course Level: Intermediate.

Self-study credit: To check availability for your profession, go to [pesirehab.com](http://www.pesirehab.com) or call 800-726-3888 with your licensing board to verify acceptance of self-study credit for license renewal.

*Content and materials in this course may include interventions and modalities that are beyond the authorized practice of your profession. As a licensed professional, you are responsible for reviewing the scope of practice, including activities that are defined in law as beyond the boundaries of practice in accordance with and in compliance with your profession's standards.

PESI, Inc. offers continuing education programs and products under the brand names PESI, PESI Healthcare, PESI Kids, PESI Rehab and Psychotherapy Networker.



For all credit approvals and details, visit: www.pesirehab.com/webcast/86500

SIGN UP-TODAY!

Choose your Learning Experience!

PESI offers multiple formats to fit your CE needs

Register Online at: [pesirehab.com/webcast/86500](http://www.pesirehab.com/webcast/86500)

Live Interactive Webinar (Option 1)

February 24 & 25, 2022 PWZ86498

8am Eastern time

SELECT TUITION

\$439.99 – choose one of the options below:

- per person for 2 or more preregistering together —OR—
- single registration postmarked 3 weeks prior to seminar date
- \$499.99** standard

LIVE WEBINAR EXPERIENCE:

- Participate live in real-time while connecting and collaborating with peers
- Ask the presenter your questions
- Earn a live CE certificate

FREE BONUS: Replay on-demand access for 90-days after Webinar

*Live CE is only available when viewed live

Get a Group Discount! Contact us at [pesi.com/info](http://www.pesi.com/info) to save for groups of 5 or more

On-Demand Digital Seminar (Option 2)

\$439.99 POS064045

DIGITAL SEMINAR EXPERIENCE:

- Learn at your own pace with 24/7 access from your PESI account
 - Access to the program materials
 - Enjoy lifetime on-demand access
 - Earn a self-study CE certificate
- CE hours and approvals may vary from live event. Visit www.pesi.com or call 800-726-3888 to check for availability.

DVD (Option 3)

\$439.99 RNV064045

DVD EXPERIENCE:

- Self-study CE certificate available
- CE hours, approvals and cost of CE Certificates may vary from live event. Visit www.pesi.com or call 800-726-3888 to check for availability and pricing

OTHER WAYS TO REGISTER

Phone: **800-726-3888**

Fax: 800-554-9775

Mail: PESI Rehab

PO Box 1000

Eau Claire, WI 54702-1000

*If mailing/faxing registration, find form at www.pesi.com/form or call 800-726-3888

ADA NEEDS

We would be happy to accommodate your ADA needs; Please notify us at time of registration.

QUESTIONS

Visit [pesirehab.com/faq](http://www.pesirehab.com/faq) or contact us at [pesirehab.com/info](http://www.pesirehab.com/info)

TAXES AND SHIPPING

Taxes and shipping apply where applicable, see website for details



©2021