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 **Rehab Seminars**
500 Goss Road
Port Townsend, WA 98368

Phone: (360) 379-6994

Fax: (360) 379-5271

Stroke Rehabilitation Update Conference

Circulate to:

___ Physical Therapy Department

___ Occupational Therapy Department

Please share with staff.

Group Discounts provided.

To Register Call: 360-379-6994 Register on-line at: www.rehabseminars.org

Stroke Rehabilitation Update:

New & Effective Reimbursable Treatments Including Modified Constraint - Induced Therapy



April 15 & 16, 2010

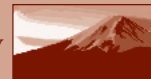
13 CONTACT HOURS (1.3 CEUs)

BY

Stephen J. Page, PhD, FAHA
Peter Levine, SRA, BA, PTA, AAS

Providence St. Vincent Medical Center
Portland, Oregon

Sponsored by



Rehab Seminars

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TARGET AUDIENCE:

Physical Therapists & Assistants, Occupational Therapists & Assistants

COURSE DESCRIPTION: Brain Repair and Rewiring After Stroke: Promoting Neuroplastic Recovery This new seminar is designed to take the complexity and guesswork out of planning treatment. It will provide ideas and tools necessary for a seamless use of clinically robust, evidence-based treatment strategies for stroke recovery. These treatment strategies will be viewed from the perspective that neuroplasticity ("brain rewiring") drives all recovery after stroke.

This seminar is presented by two researchers who have authored numerous peer-reviewed articles on promising techniques for stroke rehabilitation. Expect a unique and unfiltered perspective on the cutting edge of stroke rehabilitation research.

Included in this seminar will be...

- How To Drive Neuroplastic Change In Stroke Survivors.
- Ideas On Re-establishing Sensation, Including Proprioception
- Bimanual Training Techniques.
- Stroke Specific Outcome Measures Including The Upper Extremity Fugl-Meyer.
- Spasticity: What Works and What Does Not Work as Well as a New Theoretic Paradigm for the Reduction of Spasticity.
- Developing a Constraint-Induced Therapy Program that Fits your Practice
...and more!

Course Objectives:

As a result of this course, the participant will:

- learn to implement mCIT.
- understand the theory and evidence supporting forced use therapies, such as constraint-induced therapy and mCIT.
- determine how to identify patients who are appropriate candidates for mCIT.
- learn how to measure progress during mCIT and other protocols.
- understand how to implement mCIT in the clinical environment and use adjunctive therapies in preparing patients for mCIT and/or in improving outcomes.

DAY ONE - April 15, 2010 Based on principles proven to drive neuroplastic change in stroke survivors, this seminar will provide the tools necessary to seamlessly incorporate leading-edge, research-based recovery options singularly, and in tandem. Included will be an in-depth discussion of a variety of strategies, technologies and treatment options emerging from research labs around the world that are designed to aid stroke survivors in reaching the highest level of potential recovery.

DAY TWO - April 16, 2010 On day two, participants will learn modified constraint induced therapy (mCIT), a new reimbursable treatment approach that has received media coverage for its success. Stephen Page and Peter Levine developed Modified Constraint-Induced Therapy and have published their studies on this technique. Now, come learn this cutting-edge technique from the originators! Other strategies that will be discussed include gaming technologies, motor imagery techniques, EMG-based electrical stimulation (ie., NeuroMove), functional electrical stimulation (ie., Bioness), and more. Evidence-based measures of progress are also taught on day two



COURSE FACULTY:

Stephen J. Page, PhD & Peter Levine, SRA, BA, PTA, AAS

Stephen J. Page, PhD, is Associate Professor in the Departments of Rehabilitation Sciences, Physical Medicine and Rehabilitation, Neurology, and Neurosciences, all at the University of Cincinnati Academic Medical Center. He is also Director of the Motor Recovery Laboratory at Drake Rehabilitation Center. He is the author of over 55 peer review articles, and has made over 80 national and international professional presentations. Currently, Dr. Page is the principal investigator of four grants funded by the National Institutes of Health, site principal investigator for two FDA trials of new rehabilitative devices for stroke patients, and several other grants. Virtually all of his work focuses on restoring movement after stroke.

Dr. Page graduated with a Bachelor's Degree from the College of Wooster, completed a Master of Science Degree at Ball State University, and graduated with a Doctor of

Philosophy degree in Motor Learning and Control from the University of Tennessee. At both Ball State and Tennessee, Dr. Page was recognized as Outstanding Graduate Student. Dr. Page also completed a post-doctoral fellowship in rehabilitation research at the Kessler Institute for Rehabilitation. In 2004, Dr. Page was named a fellow of the American Stroke Association. Moreover, in February 2006, Dr. Page and his team received the HealthCare Hero Award, given annually to recognize outstanding work with the uninsured. Dr. Page has received the Deborah Wilkerson Early Career Award presented by the American Congress of Rehabilitation Medicine, a certificate of appreciation for his work from the American Occupational Therapy Association and the University of Cincinnati's President's Excellence Award.



Peter Levine, BA, PTA, AAS, is a Research Associate and co-director of the Neuromotor Recovery and Rehabilitation Laboratory, under the auspices of the University of Cincinnati Academic Medical Center. He has co-authored over 40 journal articles as well as many articles in magazines. He writes a monthly column on stroke recovery for *Advance for Physical Therapists* and is the author of the book *Stronger After Stroke* (Demos Health 2008). He also conducts seminars throughout the US covering stroke rehabilitation and neuroplasticity. Before coming to the University of Cincinnati, Pete was a Research Associate in the research arm of the Kessler Institute for Rehabilitation. For more information on mCIT and all the research being done, visit the speakers' websites at: www.rehablab.org

ACCREDITATION


Continuing Education – Contact Hours and Certification:

ALL PARTICIPANTS: Certificates of Course Completion for 13 contact hours (1.3 CEUs) will be provided to participants upon completion of course requirements, enabling you to register your credit with the appropriate licensing boards or associations. You may apply for other accreditation using the procedure established by the specific organization. This program can be applied toward license renewal in most states. Check with your state's licensing board or association to determine how to receive credit for this course, if approval is not listed below.

Nevada State Board of Physical Therapy

This course has been APPROVED for 1.4 CE Units, Unit Type-Clinical, by the State of Nevada Board of Physical Therapy Examiners.

American Occupational Therapy Association

 Rehab Seminars is an American Occupational Therapy Association Approved Provider (#6274). This two-day course is offered for 1.3 CEUs. (intermediate level). The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.


Criteria of Course Completion:

All participants must sign-in in the morning and after lunch, attend the course, and participate in group discussions, question and answer periods and complete the course evaluation form.

Course Location:

This course will take place in the Souther Auditorium at Providence St. Vincent Medical Center located at 9205 SW Barnes Road, Portland, Oregon 97225. Attendees may park in the East Parking Garage, which is closest to the Souther Auditorium. For additional information about the hospital, visit the hospital website at: www.providence.org/Oregon/facilities/hospitals/providence_st_vincent.

Hotel Information:

 A block of rooms will be held at Phoenix Inn Suites located at 15402 N.W. Cornell Road Beaverton, OR 97006. Rates: King and Queen rooms - \$94 plus tax rate. For hotel reservations call 503-614-8100 or toll-free at (888) 944-8100 and mention "Rehab Seminars" to receive the discounted room rate. The hotel offers shuttle service to the hospital; sign up for shuttle service at the front desk, upon your arrival. Visit the hotel website at: www.phoenixinn.com/beaverton/ for more information about this hotel. Discounted rooms are available on a first come, first serve basis. Visit our website at www.rehabseminars.org for a list of additional hotels near the conference center.

Tax Deductibility

Expenses of training, tuition, travel, lodging and meals to maintain or improve your professional skills may be tax deductible. Consult your tax advisor, and your employer for state and federal funds available for tuition reimbursement.

COURSE OUTLINE

DAY ONE

Thursday – April 15, 2010

8:00 - 9:00am	Registration: All Attendees Must Sign-in If you are pre-registered, sign-in at the registration table and pick-up your handouts.
9:00 - 10:00	Evidence-based Practice Made Quick, Easy and Seamless
10:00 - 11:15	The Stroke Survivor's Neuroplastic Brain: A User's Manual
11:15 - 11:30	Break
11:30 - 12:00	Electrical Stimulation in Stroke Recovery: New, Easy-to-use Devices and Evidence
12:00 - 1:00	Lunch (on your own); Sign-in After Lunch
1:00 - 2:00	Spasticity Measurement, Management, and a New Vision of Spasticity Reduction
2:00 - 2:45	Bilateral Training Strategies for the Affected Arm
2:45 - 3:00	Break
3:00-3:45	Bilateral Training Strategies for the Affected Leg
3:45 - 5:00	Introduction to Constraint-Induced Movement Therapy

DAY TWO

Friday – April 16, 2010

8:30am	All Attendees Must Sign-in
9:00 - 10:30	Measuring Recovery using the Fugl-Meyer, Action Research Arm test, Arm Motor Ability Test and other Outcomes Measures
10:30 - 10:45	Break
10:45 - 12:00	Forced Use Theory: An Evidence-Based Review
12:00 - 1:00	Lunch (on your own); Sign-in After Lunch
1:00 - 2:00	Choosing the "Right Candidate" for Modified Constraint-Induced Therapy
2:00 - 3:00	Implementing a Structured mCIT Program
3:00 - 3:15	Tools to Re-establish Sensation and Proprioception
3:15 - 3:30	Break
3:30 - 5:00	Adjunctive Therapies: Maximizing Outcomes Complete Evaluation Forms and Pick-up Certificates of Course Completion

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Register on-line at: www.rehabseminars.org

REGISTRATION FORM

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Register On-Line at: www.rehabseminars.org

Or Mail Completed Registration Forms To:

Rehab Seminars

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Call 360-379-6994, Or Fax Registration Forms To: (360) 379-5271

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Providence St. Vincent Medical Center Portland, Oregon

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(3 digits on back of card)

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REGISTRATION FEE:

\$395 If registered before April 1, 2010 **\$425** after April 1, 2010

Professional Profile:

(choose one category in each section that best applies to you).

__ PT __ PTA __ OT __ COTA __ Other: _____

Fee: _____

(\$395 before April 1, 2010;

\$425 after April 1, 2010).

Clinical Setting:

__ Hospital __ Outpatient __ SNF __ Home Health

Other: _____

Group discount: _____

Total Tuition: _____

REGISTRATION FEE

If you require special arrangements at this conference, call (360) 379-6994 at least 30 days prior to conference.

Registration Fee: \$395 before April 1, 2010 \$425 after April 1, 2010

Make checks payable to Rehab Seminars.

Group Discount Fee: Take \$15 off when 3 or more register together at the same time before April 1, 2010

Cancellation Policy: Registration fee less a 20% processing fee is refundable if cancellation occurs before April 1, 2010. After April 1, 2010, fees are NON-REFUNDABLE.

If this course is cancelled for any reason, including labor strikes or acts of God, liability is limited to a full refund of registration fees.

Program Changes: Rehab Seminars reserves the right to make necessary changes in speakers or schedules in case of emergencies. Attendees will be notified by email, phone or U.S. mail in the unlikely event of a schedule or speaker change.

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