

CEREBRAL HAPPENINGS

Newsletter of the Brain Injury Special Interest Group

Issue 1, 2012

May 2012

Inside this issue:

APTA Annual Conference	2-4
BI articles	5
Web updates	6
BI SIG Roster	7
Open Door Portal	

**CONNECT AT APTA
ANNUAL
CONFERENCE IN
TAMPA
JUNE 6-9**

**SPRING
2012
NEWSLETTER**



LETTER FROM THE CHAIR

Heidi Roth, PT, DPT, NCS

I am honored to be the new Chair of the Brain Injury SIG. First, I would like to recognize and thank Michelle Peterson for her contributions and dedication to the BI SIG over the past 6 years. In addition to the hours she has spent sharing her experiences and knowledge with me as I transition into this role, I am looking forward to working hand in hand with Michelle as we continue our work with the BI SIG.

To let you know a little about my background; my clinical practice began on the inpatient brain injury unit at the Rehabilitation Institute of Chicago (RIC) 10 years ago. At present, I divide my time between my clinical practice in RIC's outpatient neurological clinic and my research role in RIC's Neuralplasticity Laboratory. The research that I do focuses on utilizing non-invasive brain stimulation techniques, such as transcranial magnetic stimulation (TMS), to better understand the physiological processes of the brain and to help improve rehabilitation outcomes in individuals with neurological diagnoses.

I am particularly excited to fill this role as I feel there is a valuable opportunity to further brain injury research and education and to translate these advances into best practice and clinical care. My goal is to provide opportunities for BI SIG members as well as the neurology section at large to further establish physical therapists as irreplaceable experts in the larger healthcare brain injury team.

I hope to continue the work of my predecessors, current BI SIG committee and members by continuing to advance the goals of the SIG, such as:

Key Contacts: Establish an active network of specialized BI clinicians who serve as key contacts for each state to act as a clinical resource, as well as identify needs, trends and practice issues across the country.

Abstract of the Month: Actively engage and share the BI SIG members' wealth of knowledge through monthly discussions of significant research publications in the area of brain injury.

Education: Continue to develop and streamline the BI SIG newsletter and website to further develop a web-based resource for innovative research, continuing education, policy updates and other pertinent information for our members.

I am excited to have this opportunity to guide the BI SIG throughout the next three years. Please contact me (hroth@ric.org) with your comments, concerns, ideas and vision for the BI SIG. I look forward to hearing from you and serving the BI SIG.

Heidi Roth, PT, DPT, NCS

**ANNUAL APTA CONFERENCE
TAMPA, FLORIDA
JUNE 6-9, 2012**



Come learn and relax at APTA's Annual Conference from June 6-9, 2012 in Tampa, FL! Choose from 14 different tracks areas of evidence-based programming, 90 courses, and network with colleagues. Join us for keynote speaker Terry Bradshaw at the opening ceremony. Other special events and lectures include the Oxford Debate, the 43rd McMillan Lecture, and the 17th Maley Lecture.

For rates and reservations, go to the following link:

<http://www.apta.org/AnnualConference/Registration/>

For housing and travel information, go to the following link:

<http://www.apta.org/AnnualConference/HousingTravel/>

For exhibitor info, go to the following link:

<http://www.apta.org/AnnualConference/Exhibit/>

**ANNUAL APTA CONFERENCE
TAMPA, FLORIDA
JUNE 6-9, 2012**

CONFERENCE PROGRAMMING

Preconference:

Tuesday, June 5 through Wednesday, June 6, 2012:

8:30 a.m.— 4:30 p.m. Alzheimer Disease: Rehabilitation Consideration in the Examination, Evaluation, and Interventions

Main Conference:

Thursday, June 7, 2012:

8:00 - 11:00 a.m. The Evolution of NUSTEP to III STEP and the Impact on Adults and Children with Neurological Impairments in Neuroscience

2:00 – 5:00 p.m. Advances in Neuroscience

Thursday, June 7, 2012:

8:00 - 11:00 a.m. Translating Science to Clinical Practice for Patients with Parkinson Disease: A Comprehensive Physical Therapy Approach

2:00 – 5:00 p.m. Cerebral Vascular Anatomy and Hemodynamic Applications to Patients With Neurological Impairments and Dysfunctions

Thursday, June 7, 2012:

8:00 - 11:00 a.m. Epidemiology, Current Research, and Best Practices in Fall Prevention in Older Adults

2:00 – 5:00 p.m. Assessing Fall Risk in Older Adults: What Are Current Best Practices in Fall Risk Assessment, and What Should Be Included in Entry-Level DPT Education Programs?

Main Conference:

Friday, June 8, 2012:

8:00 - 11:00 a.m. Quantitative and Comprehensive Evaluation of Athletes Post Concussion: Development and Validation of the Cleveland Clinic COMET Concussion Application Using the iPad

3:00—5:00 p.m. A Review of the Literature Pertaining to Body-Weight-Supported Treadmill Training for Persons With Stroke

Friday, June 8, 2012:

8:00 - 11:00 a.m. Comparing Evidence-based Fall Prevention Programs for Active, Community Dwelling, Older Adults, Including T'ai Chi: Moving for Better Balance

1:00 – 4:00 p.m. Comparing Evidence-based Fall Prevention Programs for Active, Community-Dwelling, Older Adults, Including “Stepping On” and “Matter of Balance”

Saturday, June 9, 2012:

8:00 - 11:00 a.m. Evidence-based Fall Prevention Programming for Frail Older Adults Delivered by Physical Therapists in the Home: The Otago Exercise Program

1:00 – 4:00 p.m. Community Stakeholders, Resources, and Public health: Disseminating Effective Fall Prevention Programs in Your Area, Including the NCOA's National Falls Free Initiative



We are thrilled that two exciting new Brain Injury related articles are in our May 2012 edition of the PT Journal!

Follow the link below for all the details.

<http://ptjournal.apta.org/content/92/5/707.full?sid=b7b71099-ef15-40a9-b0c4-2d59e2c80082>

Responsiveness and Validity of the Six-Minute Walk Test in Individuals With Traumatic Brain Injury

Kurt A. Mossberg and Elizabeth Fortini

The authors suggest that aerobic fitness has been difficult to assess and determine improvements in for patients with traumatic brain injury. They review 21 cases and present strong arguments for the use of the 6 minute walk test to determine peak aerobic capacity with patients with traumatic brain injury.

Hippotherapy—An Intervention to Habilitate Balance Deficits in Children With Movement Disorders: A Clinical Trial

Debbie J. Silkwood-Sherer, Clyde B. Killian, Toby M. Long, and Kathy S. Martin

These authors review the use of hippotherapy with children under 16 years of age. Using measures to assess balance and functional carryover after 6 weeks of physical therapy, they suggest that there is benefit for children with mild to moderate balance deficits.

Want to become more involved in the BI SIG but you do not know where to start? Please contact: Sara Trout, PT, NCS - Nominating Committee Chair E-Mail: sztrout@gmail.com



See the new updates to the BI SIG website as well!

- ⇒ Updated News and Noteworthy
- ⇒ Updates Combined Section Meeting minutes
- ⇒ Updates resource

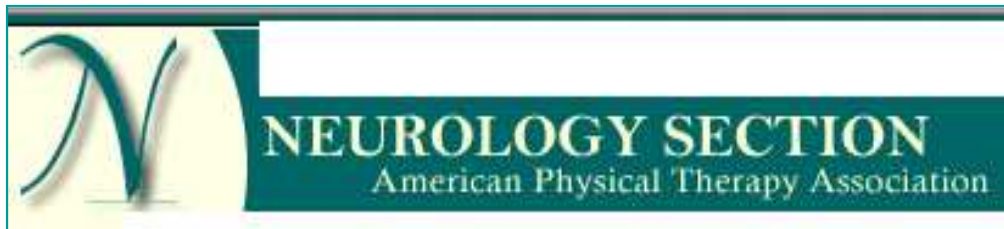
now includes links to videos and related teaching materials such as:

Evidenced Based Review of Moderate to Severe Acquired Brain Injury (ABIEBR)
<http://www.abiebr.com/>

Center for Disease Control (CDC) – <http://www.cdc.gov/concussion/headsup/index.html>

Additional Resources for Concussion Specific Topics

....and many more for you to use. Please contact us with additional resources that you use in your practice and we will review them for the website!



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We're on the Web!

Click on link below

<http://www.neuropt.org/>

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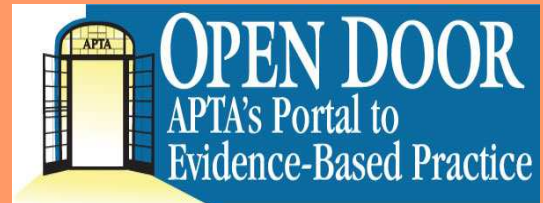
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