

Balance-Based Torso-Weighting® - Augmenting Sensory Information Via the Trunk



Overview

The elderly and people with neurological problems such as Parkinson's Disease, CVA, TBI, MS have balance and mobility challenges. Motion Therapeutics has developed a unique and effective system to assess and treat balance problems called Balance-Based Torso-Weighting (BBTW).

During BBTW a clinician determines the directional loss of balance in static and dynamic tests. These classes teach clinicians the assessment and strategic weighting to improve directional loss of balance immediately during the same treatment.

Participants will have ample opportunity to practice the patented assessment and strategic weighting technology using the BalanceWear assessment device.

Learning Objectives

- Identify ways to measure perceptual and dynamic directional loss
- Recite evidence of weighting applications
- Practice BBTW directional imbalance assessment
- Apply strategic weighting according to BBTW
- Analyze differences in qualitative and quantitative measures with BBTW
- Determine if a patient benefits from rigid VS soft neuro-sensory device
- Practice fitment and measurement of balance orthotics
- Document weight placement and size measurements
- Design exercise programs for balance problems using BBTW
- List indications for lumbar orthotics
- Demonstrate strategic weight placement via case studies and **volunteer participants**

Testimonials:

"I don't have to think to move"

Mary – a patient with MS

"It's like a light bulb went on in my brain"

Brit – a patient-stats post brainstem surgery

"It's like it holds you together"

George – a patient with Parkinson's Disease

Location (for part 2):

Duke University School of Medicine
Doctor of Physical Therapy Division
2200 W. Main Street
Wing B, Kaiser Classroom
Durham, NC 27705

For detailed directions go to:

<http://dpt.duhs.duke.edu/Contact-Us/Driving-Directions/>

Times:

Part 1. Live Webinar

Either Aug. 6 or Aug. 13th 6:30-9:00 EST.

Part 2. Hands on Classes - 2 days:

6:00pm - 9:00pm, Aug 23

8:30am - 5:00pm, Aug 24

Part 3. Live Webinar - Sept 24th, 7:00 - 8:00pm EST

Case Study Clinical Patient Review

Tuition/Fees: \$300

Target Audience

This intermediate level class designed for PT and OT clinicians.

Instructional Ratio

16:1 Max enrollment 16.

North Carolina 13.5 CEUs Pending

For optimal transfer of knowledge we recommend your company or organization purchase the Assessment Tool Kit before the class.

Assessment Tool Kit BW100

Includes:

- » An adjustable vest
- » A rigid orthotic
- » Two ¼ pound weights
- » Five ½ pound weights
- » Manual marker
- » Tape measure



Seminar Outline: 3-Part Series

Balance-Based Torso-Weighting: Augmenting Sensory Information

Part 1: Webinar - 2.5 hours

Either Aug. 6 or Aug. 13th, 6:30-9:00 EST. It will be recorded for people who can't attend live webinar.

- Introduction to Balance-Based Torso-Weighting: BBTW
- Review the evidence
- Discuss clinical application
- Identify static directional loss
- Identify reactive control loss
- Documentation of loss of balance

Watching the Webinar is mandatory and will allow attendee to gain maximum benefit from the live hands-on portion of the seminar. Information on how to access the Webinar will be emailed to you after registration

Part 2: Hands On Lab with Patients

Day 1 - Aug 23 (BBTW technique review)

Registration: 5:30pm - 6:00pm

Class: 6:00pm - 9:00pm

Directional loss of balance Lab

- Document Partner's Loss of Balance
- Refine Perturbation Techniques

Discuss clinical weighting strategies

- Practice weighting participants

Determine fitment of orthotic

Day2 - Aug 24 (Lab with patients)

Registration: 8:00am - 8:30am

8:30 - 9:00 Directional Balance loss in patients

9:00 - 10:00 Patient presentation

10:00 - 10:15 Break

10:15 - 12:00 Lab with volunteer patients

12:00 - 1:00 Lunch

1:00 - 2:00 Present patient cases

2:00 - 3:00 Lab with patients

3:00 - 3:15 Break

3:15 - 4:00 Discuss patients

4:00 - 5:00 Review and questions

Part 3: Live Webinar - 1 hour - Clinical patient review

Sept 24th, 7:00 - 8:00pm. This will also be recorded.

Registration Form

BBTW 3-Part Seminar

Duke University School of Medicine

Name: _____ PT OT

Identifying name of your group

(if applicable) _____

Clinical Focus: _____

Phone No.: _____

Name of Institution, Company or Facility:

Address: _____

City: _____ State: _____ Zip: _____

Email Address: _____

Tuition: \$300

Discounts:

- \$25 discount for early registration before Aug. 1, 2013.
- \$250.00 for 2 two or more therapists from same clinic
- If your clinic/practice buys a vest (\$399) you will receive \$50 off the price of the class (one per clinic).

Send registration to:

Motion Therapeutic, Inc.

1830 Eastman Avenue

Oxnard, CA 93030

888.330.2289 Voice

805.278.6609 Fax

david@motiontherapeutics.com

Or register on-line at:

www.motiontherapeutics.com/duke-seminar/

Refund & Cancellation Policy: Motion Therapeutics, Inc. reserves the right to cancel or reschedule this seminar due to an insufficient number of registrants or other unforeseen circumstances. Under these circumstances, seminar fees will be returned in full to the registrant. Please note that Motion Therapeutics, Inc. is not responsible for any participant expenses other than a refund of the seminar fee. All cancellations must be submitted in writing. For cancellations received 7 days before the seminar date, the seminar fee will be returned less a \$25 administrative fee.

Faculty

Cynthia Gibson-Horn PT, a graduate of University of



Wisconsin, developed BBTW in her in clinical practice. Gibson-Horn sought the help of Dr. Gail Widener PT, PhD and Dr. Rolando Lazaro PT, PhD and Dr. Diane Allen PT, PhD to complete three research projects in Multiple Sclerosis and one in Parkinson's disease to provide evidence for practice. She has presented (BBTW) research at several International, National and Local meetings. She designed and patented strategic weighting products. She is active in private practice and works for Motion Therapeutics.