

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



### Overview

The elderly and people with balance loss due to neurological or orthopedic diagnoses such as MS, neuropathy, Parkinson's, CVA, TBI, Vestibular, CP, down syndrome, ataxia, and those suffering low back pain among others, often have mobility challenges.

Motion Therapeutics developed Balance-Based Torso-Weighting (BBTW®), a unique and effective system to effectively assess and treat directional balance loss.

During this class the clinician will learn the static and dynamic assessment tests and weighting strategies to immediately improve a patient's balance same session.

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 static and dynamic 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
- List indications for lumbar orthotics
- Demonstrate knowledge of technology on volunteer patients and instructor

### 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-status post brainstem surgery

*"It's like it holds you together"*

**George** – a patient with Parkinson's Disease

### Location (for Hands On Sessions):

**Ergonomically Correct, LLC**  
 65 Old Solomon's Island Road, Ste 104  
 Annapolis, MD 21401

### Times:

**Pre Webinar:** Thurs., April 9, 7:00 - 9:30pm EST

**Hands on Lab with Patients - 2 days:**

Saturday, April 25, 8:30am - 5:00pm

Sunday, April 26, 8:30am - 1:30pm

*(Registration is 8:00 - 8:30 both days)*

**Post Webinar:** Tues., May 5, 7:00 - 8:00pm EST

**Tuition: \$325**

### Target Audience

Intermediate level class designed for PT and OT clinicians.

### Instructional Ratio

10:1 Max enrollment 10

### Continuing Competence/Education Units

Continuing competence activities certified by ProCert are currently accepted by the following jurisdictions:

**PT 15 CCUs Pending in:** Alabama, Arkansas, Arizona, California, Delaware, District of Columbia, Georgia, Illinois, Indiana, Kansas, Kentucky, Montana, Nebraska, North Carolina, Oregon, South Carolina, Tennessee, Utah, Vermont, Virginia, Wisconsin

Acceptance PT Texas, 13.5 CEU Pending PA

### OT Pending:

Alaska, Arkansas, Delaware, District of Columbia, Illinois, Indiana, Kentucky, Louisiana, Maryland, Minnesota, Mississippi, Missouri, Montana, Nevada, New Hampshire, New York, North Carolina, North Dakota, Ohio, Oregon, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Vermont, Virginia

**Participants will practice with the BalanceWear assessment device.**

- » Adjustable vest
- » Rigid orthotic
- » Two ¼ pound weights
- » Five ½ pound weights
- » Manual marker
- » Tape measure

**BalanceWear**

## Seminar Outline

### Balance-Based Torso-Weighting: Augmenting Sensory Information

#### Pre Webinar - 2.5 hours

Thurs., April. 9, 7:00 - 9:30pm EST

It will be recorded for people who can't attend live webinar.

- Introduction to Balance-Based Torso-Weighting: BBTW
- Review The Evidence
- Translate Research to Clinical Applications
- 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 attendee after registration.**

#### Hands On Lab with Patients

##### Day 1 - Saturday, April 25

Registration: 8:00am - 8:30am

Class: 8:30am - 5:00pm

8:30 - 11:00 Lab:

- Directional Static Balance
- Directional Reactive Balance Loss
- Strategic Weighting Practice

11:00 - 11:15 Break

11:15 - 11:45 Orthotic Determination

11:45 - 12:15 Patient Demonstration

12:15 - 1:00 Lunch On Own

1:00 - 2:30 Hands On Patient Lab

2:30 - 2:45 Break

2:45 - 4:30 Hands On Patient Lab

4:30 - 5:00 Case Presentations

##### Day 2 - Sunday, April. 26

Registration: 8:00am - 8:30am

Class: 8:30am - 1:00pm

8:30 - 9:00 Technique Review

9:00 - 11:30 Hands On Patient Lab

11:30 - 12:00 Break

12:00 - 12:30 Case Presentations

12:30 - 1:00 Skills Demonstration On Instructor

1:00 - 1:30 Questions And Answers

#### Post Webinar - 1 hour, Post-Webinar Clinical Case Review

Tues., May 5, 7:00 - 8:00 EST - Will also be recorded.

## Registration Form

### BBTW Seminar: Annapolis, MD

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:** \$325

#### Discounts:

- \$25/person discount for early registration before April. 2, 2015
- \$50/person discount 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/annapolis](http://www.motiontherapeutics.com/annapolis)

Refund & Cancellation Policy: Motion Therapeutics, Inc. reserves the right to cancel or reschedule this seminar on one (1) week's advanced notice 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 participant cancellations must be received in writing 10 days before the first day of seminar for full refund. For cancellations received 10 days or less before the first seminar day, the seminar fee will be returned less a \$100 administrative fee.

**Curry Durborow, PT, DPT**, is a graduate of the Drexel University Programs in Rehabilitation Sciences Physical Therapy Program. She received her BS in Kinesiology from Penn State University. Curry has worked for 9 years as a full time physical therapist, first in inpatient rehab, and now in the outpatient department at Bryn Mawr



Rehabilitation Hospital, in Malvern, PA. She specializes in the treatment of patients with neurologic and vestibular disorders, and is active in research involving BBTW. She is an adjunct Faculty member at Drexel University, and sits on the Board of Directors for the Brain Injury Association of Pennsylvania.