

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):

New College Building

Room 3202

Drexel University

245 N. 15th St., Philadelphia PA 19102

Times:

Pre Webinar: Mon., March 7: 6:30 pm - 9:00 pm EST

Hands on Lab with Patients - 2 days:

Sat., March 12: 8:30 am - 5:30 pm EST

(Registration 8:00 am - 8:30 am EST)

Sat., March 19: 8:30 am - 5:30 pm EST

(Registration 8:00 am - 8:30 am EST)

Post Webinar: Tues., March 22: 8:30 pm - 9:30 pm EST

Tuition: \$350

Target Audience

Intermediate level class designed for PT and OT clinicians

Instructional Ratio

16:1 Max enrollment 16

Continuing Competence/Education Units

Pennsylvania Pending: **15 CEUs**

ProCerti Pending:

PT 19 CCUs in: Alaska, Arizona, Arkansas, California, Delaware, Georgia, Hawaii, Illinois, Indiana, Kansas, Kentucky, Michigan, Mississippi, Missouri, Montana, Nebraska, North Carolina, North Dakota, Oregon, South Carolina, Tennessee, Utah, Vermont, Virginia, Wisconsin, Washington DC

Acceptance PT Texas (**13.5**); North Jersey (**14.5**); New York, Ohio (**15**)

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®
www.BalanceWear.com

BalanceWear is indicated for individuals with mobility difficulties associated with loss of postural control/alignment and balance

Seminar Outline

Augmenting Sensory Input to the Torso for Directional Balance Control with Balance-Based Torso-Weighting (BBTW)

Pre Webinar - 2.5 hours

Mon., March 7: 6:30 pm - 9:00 pm 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 - Sat., March 12: 8:30 am - 5:30 pm EST

Registration: 8:00 - 8:30

8:30 - 10:00 Lab Directional Balance Assessment

10:00 - 10:15: Break

10:15 - 11:30 Lab Targeting sensory input for directional balance control

11:30 - 12:00 Lab Practice

12:00 - 1:00 Lunch break

1:00 - 2:00 Instructor Demonstration with volunteer patient

2:00 - 3:30 Volunteer patient lab

3:30 - 3:45 Break

3:45 - 4:30 Volunteer patient lab

4:30 - 5:00 Case discussion with volunteer patients

5:00 - 5:30 Questions and Answers

Day 2 - Sat., March 19: 8:30 am - 5:30 pm EST

Registration: 8:00 - 8:30 am

8:30 - 9:30 Review Handling techniques – practice with dyno

9:30 - 11:00 Volunteer Patient Lab

11:00 - 11:15 Break

11:15 - 12:30 Volunteer Patient Lab

12:30 - 1:15 Lunch break

1:15 - 2:30 Volunteer Patient Lab

2:30 - 2:45 Break

2:45 - 4:15 Volunteer Patient lab

4:15 - 4:30 Case presentations

4:30 - 5:00 Demonstrate Technique on Instructor and test

5:00 - 5:30 Questions and Answers

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

Tues., March 22: 8:30 pm - 9:30 pm EST - Will also be recorded

Registration Form

BBTW Seminar: Drexel University

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: \$350

Discounts:

- \$25/person discount for early registration before **Mar. 1, 2016**
- 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 Therapeutics, Inc.	888.330.2289 Voice
1830 Eastman Avenue	805.278.6609 Fax
Oxnard, CA 93030	david@motiontherapeutics.com

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.

Cynthia Gibson-Horn PT,



a graduate of University of Wisconsin, developed BBTW in her clinical practice. She collaborated with several researchers to complete three studies in Multiple Sclerosis, Parkinson's Disease, elderly, and ataxia. She has presented her work 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.

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 10 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.