

Clinicians' BalanceWear™ Fitting Guide - Model BW100

Balanced-Based Proprioceptive Neuromuscular Supplemental Sensory Weighting Device

When properly applied, BalanceWear™ devices can provide stabilizing balance control in all planes of movement (sagittal, coronal and transverse) during static and dynamic balance conditions. Before using this device, please follow the procedures described below.

Fitting the Device



1 Place back of device on the client with the top of the back at the second thoracic vertebrae.



2 Attach the shoulders of the fronts and back using the hook and loop fasteners.



3 Attach the front of the garment with the hook and loop fasteners.



4 Attach the sides, making sure the device is centered equally on the client.



Description

The Balance Evaluation Tool Kit (BET) consists of an adjustable vest; rigid orthotic; three pounds worth of weights, divided into quarter and half pound increments; manual; marker and tape measure. The garment and weights are covered by hook and loop fabric, allowing weight placement anywhere on the device. This patent pending device contains indicator marks on the garment for use in documentation and repeat application of the weights.

Application

For use by a professional trained in Balance-Based Torso-Weighting® to determine whether the addition of supplemental sensory information is of benefit to the client when used with the following BalanceWear device models:

- » BW300 Versatile Vest
- » OW200 Versatile Vest-LSO

Client Size

Evaluation device adjusts to fit clients within the following ranges:

- » Height 58 in. — 76 in.
- » Waist 25 in. — 52 in.

Pediatric and Youth sizes are also available.



The Mind-Body Correction™

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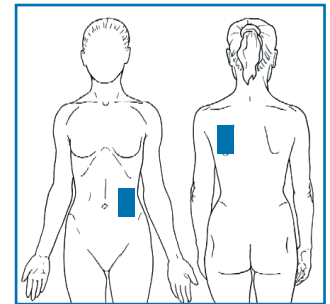
Weighting and Documentation

Flexible weights are placed according to the *Balance-Based Torso-Weighting®* Protocol. Specific instructions are included in the training with this product.

General Instructions

The goal is to find the client's static and reactive directional loss of control and then strategically apply weights on the body to affect an improvement in stability in both static and reactive control.

Use the *BalanceWear Body Chart Weight Locator* (shown at right) to record the placement and amount of each weight. Measure from an anatomical landmark and note where the bottom of each weight is according to the number on the garment.



Care Instructions

Remove any weights from the device prior to washing. Hand wash with mild soap in cool water only. Rinse well and air dry. DO NOT machine wash, tumble dry, dry clean, use bleach, fabric softener, or an iron with this product.

Therapy Time Frames

Each patient has their own special needs. You should determine wear times based on responsiveness and carry over ability. In general, clients can start using the garment for 1 to 2 hours per day in upright activities. However, some clients will benefit from all day wear.

Indications

This proprioceptive supplemental sensory device is intended to stabilize the torso to control center of gravity control over the base of support during sitting or standing and with dynamic activities such as walking, turning, during exercise and running. It is intended to improve postural control, reduce leaning, and the possibility of falls without restricting body movement or ability, including clients with:

- » Parkinson's Disease
- » Multiple Sclerosis
- » Stroke
- » Head Trauma
- » Brain Surgery
- » Elderly
- » Osteoporosis
- » Ataxia
- » Cerebral Palsy
- » Dizziness

Clinical judgement required if this device is being used by people with conditions that could be compromised by compression, including those with:

- » Cardiac or respiratory conditions
- » Trunk wounds
- » Ostomy or Colostomy
- » G-Tubes
- » Recent surgical incisions unless authorized by physician

Warnings

- » Always monitor the patient while wearing the device prior to distribution.
- » Patients who do not show immediate improvement or who become more unsteady should not be given a device for home use.

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