HUMAC BALANCE
MEASUREMENT & TRAINING

Weight Bearing • Balance
Fall Prevention • Concussion

Limits of Stability:
This testing mode has targets for patient to move towards. Will help you identify weak areas to design training programs around.

Weight Shift:
Patients must control their center of gravity and shift their weight back and forth between two targets. Fully customizable for difficulty and direction of shift.

HUMAC Balance System
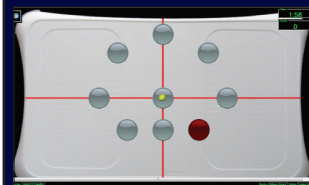## Complete, Accurate, Portable & Affordable

The HUMAC Balance System represents a breakthrough in the price and performance of computerized Balance Measurement and Training Systems. By coupling the HUMAC Balance Software with the most popular balance board in the gaming industry, CSMi is able to offer the Athletic Training, Physical Therapy and Exercise Science markets the first computerized balance system priced under $2,000.

The HUMAC Balance System is ideal for the following patients & applications:

- Orthopedic Post-Surgical & Post-Trauma
- Older Adult Fall Prevention
- Neurologic Disorders
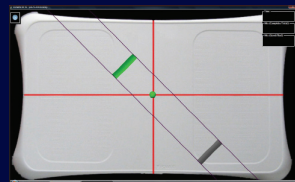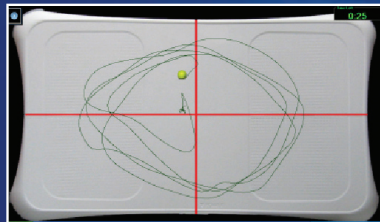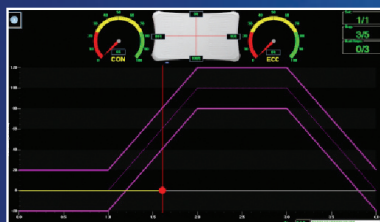- Vestibular Disorders
- Concussion

The HUMAC Balance System includes the following Measurement & Training Routines:

- Random Control
- Scale
- Limits of Stability
- Center of Pressure
- Weight Shift
- Curves
- Roadway
- Weight Bearing
- Animal Adventure, Pong & Other Games

CSMi
www.csmisolutions.com

(781) 297-2034
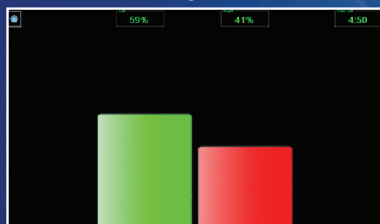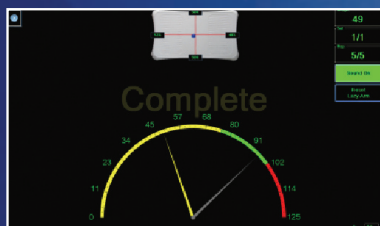www.csmisolutions.com
info@csmisolutions.com

Center of Pressure: Tracks a Patients' COP while performing exercises such as eyes open, eyes closed
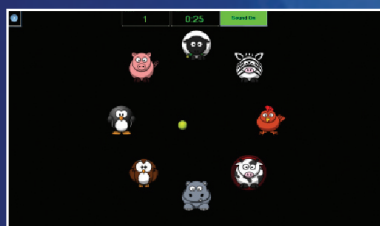

Roadway: Weight Bearing training provides the Patients with visual goal to load their limb
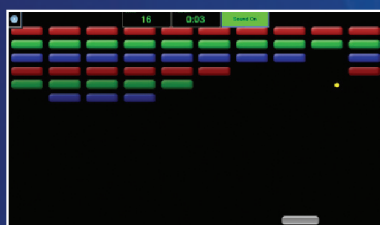

Weight Bearing: Displays how weight is distributed right to left or front to back.

Scale: Set weight bearing min and max goals to train acceptable sub-maximum limits

Animal Adventure: Random training exercise display

Breakout: Random training exercise display

Clinician Database: HUMAC includes the ability to assign access rights to clinicians

HUMAC Balance System

It's More Than A Game

Many Rehabilitation, Athletic Training and Exercise Science facilities have purchased off-the-shelf gaming products only to learn they are not ideal for their needs. While gaming balance boards have been proven to be accurate[1], their battery power and Bluetooth communications do not offer consistent reliability. In addition, typical gaming software is not designed with rehabilitation in mind so hard copy reports are not available.

The HUMAC Balance System addresses these concerns at a price every clinic and lab can afford.

- Batteries and Bluetooth are replaced with a USB Interface
- Measurement and Training Displays are the same as those found on systems priced up to $20,000
- Full-page Reports document changes in performance

HUMAC Balance System is available in three packages:

Alpha - $1,995:	Bravo - $3,495:	Charlie - $4,495:
• HUMAC Software • Balance Board with USB	• HUMAC Software • Balance Board with USB • All-In-One Computer • Printer	• HUMAC Software • Balance Board with USB • All-In-One Computer • Printer • Computer Cart

Expand your program today with the HUMAC Balance System, the first computerized Balance System priced below $2,000 without sacrificing the performance you deserve.

1=Validity and reliability of the Nintendo Wii Balance Board for assessment of standing balance. Ross A. Clark a,*, Adam L. Bryant a, Yonghao Pua b, Paul McCrory a, Kim Bennell a, Michael Hunt a a Centre for Health, Exercise and Sports Medicine, Faculty of Medicine, Dentistry and Health Sciences, The University of Melbourne, Carlton, Victoria 3010, Australia b Department of Physiotherapy, Singapore General Hospital.

Other CSMi Products:

- HUMAC NORM Extremity System
- Refurbished Extremity Systems
- HUMAC Upgrade for Biodex/CYBEX
- HUMAC 360 Exercise Guidance System
- SportsWare Injury Tracking Software

Contact CSMi today at 781-297-2034.

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