

# SUBAR

## Dynamic Balance Rehabilitation System

A sensorized tilt board is the core of Subar which in combination with an enhanced graphical user interface provides a variety of balance rehabilitation tests and trainings. The tilt board provides 20 degrees of tilting in each direction which involves the ankle joint in the rehab activities.



### Subar can be used in different configurations:

- Standing: The patient stands on the tilt board for balance training
- Sitting: The user sits on the tilt board for test/training of spine
- Hand: Manipulates tilt board by hand for cognitive and hand-eye coordination trainings

### Main Features:

- Advanced user friendly environment with powerful capabilities in diagnosis and treatment
- Standard balance test and training protocols including: Limits of Stability, Postural Stability Random, Control, Percent Weight-Bearing
- Ability to archive patient's data and monitoring the treatment procedure
- Using audio and visual feedback to motivate and guide patients throughout the treatment

### Application areas:

- Orthopedic patients
- Neurologic patients (CVA, TBI, MS...)
- Rehabilitation of sport injuries
- Research projects in the field of rehabilitation

