

Alfa

Platforms



Alfa is a stabilometric platform that allows both: balance assessment and training of neurological and orthopedic patients. This device helps to increase the performance of the patients after brain injuries, stroke, multiple sclerosis, Parkinson's disease and muscle dysfunction. Additionally, it accelerates recovery after lower extremities fractures, sprains, endoprosthesis surgery or amputations of lower limbs. Training on the platform aims at stimulation of musculoskeletal and nervous systems responsible among others for balance control.

Capabilities:

- analysis of the center of pressure (COP) during tests and training
- evaluation of static and dynamic parameters involved in maintaining balance on a stable surface
- Romberg and Unterberger test
- virtual reality supporting patient motivation and faster therapeutic progress
- therapy of cognitive disorders: divided attention, memory, problem solving
- templates for testing and training programs and the ability to create user exercises with integrated real-time biofeedback

