

Scientific/Clinical Workshop

Workshop Title

From Research to Clinic: Implementation of Technology Assisted Assessment and Training Protocols

Workshop Responsible

Evelyne Wiskerke (KU Leuven & Kliniken Valens)

Speakers

Jaime Duarte, Liliana Paredes, Jaap Buurke

Attendee Engagement

We will use statements/questions that the audience can reply to via an online whiteboard. These statements/questions will form the start of the discussion among the experts in the final 20 minutes of the workshop.

Abstract

In recent years, rehabilitation technologies are being implemented increasingly into the clinical setting to complement conventional therapy. Research shows that when conventional therapy is combined with technology, more people learn to walk independently than during physical therapy alone. However, research studies seldomly describe the used training protocol into detail, nor do they specify how to implement the technology guided training protocols within the therapy setting. Within this workshop, speakers from various backgrounds will shed light on how various technologies to train trunk control, balance and gait are used to assess and deliver therapy within feasibility as well as clinical studies. Secondly, the speakers will collaborate on how to stimulate the implementation of protocols and study results into clinical practice.