



# StroMoHab

## A step change in stroke rehabilitation

## Introduced by MedTred

### For the Patient

- ♥ **Engaging and intuitive virtual environments**
  - Patients enjoy practicing real-world tasks like obstacle avoidance by interacting with virtual objects
- ♥ **Proven methods**
  - Backed by studies supporting VR therapy and task repetition for improved clinical outcome
- ♥ **Visual and auditory feedback**
  - Guides and trains patient to correct and improve walking and other tasks in real time
- ♥ **Reinforce learning by repeating activities with feedback on performance**
  - Patient can see improvement as task sessions are repeated
- ♥ **Patient safety**
  - Patient controlled activity with optional weight-supporting harness to minimise risk of falls

### For the Clinician

- ♥ **Patient diagnostics and performance metrics**
  - Accurate tracking of performance markers within and across sessions
- ♥ **Works with existing physiotherapy treadmills or as a space-saving stand-alone system**
  - Interfaces with major brands so no need to buy a new treadmill
- ♥ **Customised patient care via an easy-to-use programmable suite of gait training tools**
  - A variety of tasks available with the option to customise activity for each patient
- ♥ **Real time gait and movement analysis**
  - Standard and advanced physiotherapy metrics displayed in real time or compared across sessions
- ♥ **Secure remote access**
  - Clinical experts can view and comment on live or stored sessions securely from any desktop

## For the Investor



- ♥ **Award winning business plan**
  - 2008 Research Councils UK - Business Plan Competition Runner Up Prize
- ♥ **Large and growing worldwide market for stroke rehabilitation**
  - The leading cause of disability and growing need for rehabilitation due to increased stroke survival
- ♥ **Highly competitive and competitively priced**
  - Unique and costed at 25% (or less) of the nearest rival systems
- ♥ **Protected intellectual property**
  - World-leading expertise backed by EU, USA and International Patents (pending)
- ♥ **Strong team of commercial and technical experts**
  - Support and resources with solid University of York backing
- ♥ **Low manufacturing and assembly costs**
  - Proprietary software running on mostly off-the-shelf hardware components
- ♥ **“Trojan horse” marketing strategy**
  - Add-on to existing clinical devices with potential for incremental upgrade, training and support
- ♥ **Clinical and business partnerships**
  - Advanced discussions with leading UK and US physiotherapy equipment distributors

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