

# Innowalk Pro: MADE FOR MOVEMENT

## Dynamic standing for wellbeing and quality of life

### Innowalk Pro



- 3 in 1 motorised device
- Enables movement in sitting and standing
- Aimed at individuals with complex disabilities
- Programmable for a variety of children

### Trialling the system

- 6 weeks in 2 additional learning needs schools (summer 2021)
- Ysgol Y Deri (Vale of Glamorgan)
- Ty Gwyn (Cardiff)
- All the children were wheelchair users with limited independent movement (GMFCS levels 4 and 5)

### What the kids say:

I prefer this to my standing frame

Makes me feel like I am walking

I like the way my legs move

I feel 11 out of 10

Makes me feel so much better

My legs feel loose



### What the families said:

It was easier to reposition my child in their wheelchair

Easier to move my child's legs

My child was happier and more alert

My child slept better

My child's strength and balance was better

My child's bowel movement improved



### What the therapists said:

- Easier to move and reposition the child
- Increased range of movement
- Reduction in muscle tone
- Increased success with floor-based rehab and bench sitting immediately following session
- Increased mood and alertness
- Children were keen to attend physio!

### Impact & engagement

- Trials were highly successful
- First 2 schools in Wales to purchase the Innowalk
- The system is now embedded into the physiotherapy program
- 70+ children using the Innowalk across the 2 schools
- Potential for community use
- Scope for research with Cardiff University



### Current research

- "Use of the Innowalk when combined with standard therapies resulted in the greatest change in spasticity and ROM compared to just the Innowalk or standard rehab" (Tornberg and Lauruschkus 2020)
- "There was a significant improvement in wellbeing and quality of life, measured using the CPCHILD outcome measure, when comparing dynamic standing to static standing in non-ambulant children with CP" (Lauruschkus et al 2022)

**Come and see the Innowalk in action**

### Contacts:

Ann Mahenthiralingam ([ann.mahenthiralingam@wales.nhs.uk](mailto:ann.mahenthiralingam@wales.nhs.uk))  
Collette Wood ([collette.wood@wales.nhs.uk](mailto:collette.wood@wales.nhs.uk))  
Taran Jonas ([taran.jonas@madeformovement.com](mailto:taran.jonas@madeformovement.com))