

# NEURO REHABILITATION CONFERENCE PROGRAMME



A focused stream looking at hands on therapy rehab and the equipment used in these areas. Covering neurological conditions such as Stroke, Spinal Cord Injury, MS, PD, and Head Injuries. Evidence based sessions will consider the latest research and interventions within these patient groups and how therapy input can aid rehab and recovery.

## Wednesday 22nd November

Time	Topic
09:45 - 10:30	<b>A new approach to neuro-rehabilitation: Intensive training to optimise plasticity in practice</b> <i>Sarah Daniel Clinical Director &amp; Consultant Neurological Physiotherapist MOTIONrehab</i> <b>Theatre 2</b>
10:00 - 10:30	Session sponsored by Remotion <b>Therapy Update Theatre</b> Session delivered by Ottobock
10:45 - 11:15	<b>Neuro Demo Zone</b> <b>ottobock.</b>
11:30 - 12:00	<b>The role of virtual reality technologies in neurorehabilitation</b> <i>Tia Nott, Clinical Specialist Neuro Physiotherapist, MindMaze SA</i> <b>Neuro Demo Zone</b> mindmaze
12:15 - 12:45	<b>Demonstration of the new L300 GO drop foot device - wireless and potentially foot switch free</b> <i>Matt Dale, Bloness</i> <b>Neuro Demo Zone</b>
13:00 - 13:30	Session sponsored by Summit Medical & Scientific <b>Neuro Demo Zone</b>
14:00 - 14:30	Session sponsored by Medimotion <b>Neuro Demo Zone</b>
14:45 - 15:15	<b>Neurofit boot camp demonstration</b> <i>Jon Graham, Medical Director, PhysioFunction</i> <b>Neuro Demo Zone</b>
15:30 - 16:00	Session sponsored by Mobility Research <b>Neuro Demo Zone</b>
15:50 - 16:35	<b>Exercise in Parkinson's: indications, implications and intensity</b> <i>Julie Jones, Senior Lecturer, Physiotherapy, Robert Gordon University</i> <b>Theatre 2</b>
16:15 - 16:45	<b>High intensity rehab augmented by technology</b> <i>Sarah Daniel, Clinical Director &amp; Consultant Neurological Physiotherapist, MOTIONrehab</i> <b>Neuro Demo Zone</b>

### Theatre 2, 15:50 - 16:35

#### Exercise in Parkinson's: indications, implications and intensity



**Julie Jones, Senior Lecturer, Physiotherapy**

We all know that exercise is good for people with Parkinson's, but what exercise, at what intensity and how often? This presentation will take you on a journey visiting current neurophysiological considerations when exercising including neuroplasticity, and neuroprotection theory in relation to exercise. This will lead to a synopsis of current evidence base for exercise prescription to inform clinical application of exercise, considering the motor and non-motor facets of this condition, and shape enhancement of services for people with Parkinson's.

## Thursday 23rd November

Time	Topic
10:00 - 10:30	<b>The role of virtual reality technologies in neurorehabilitation</b> <i>Tia Nott, Clinical Specialist Neuro Physiotherapist, MindMaze SA</i> <b>Neuro Demo Zone</b> mindmaze
10:00 - 10:45	<b>Comparative review of available Exoskeleton devices and update on current Exoskeleton research</b> <i>Jon Graham, Medical Director, PhysioFunction</i> <b>Theatre 3</b>
10:45 - 11:15	<b>Neurological taping demonstration</b> <i>Becky Duncan, Practice Principal, Neurological Physiotherapy Practice</i> <b>Neuro Demo Zone</b>
11:30 - 12:00	Session delivered by Ottobock <b>Neuro Demo Zone</b> <b>ottobock.</b>
12:00 - 12:45	<b>Is there a role for taping in neurological conditions?</b> <i>Becky Duncan Practice Principal Neurological Physiotherapy Practice</i> <b>Theatre 3</b>
12:15 - 12:45	Session sponsored by Remotion <b>Therapy Update Theatre</b>
13:00 - 13:30	<b>Therapeutic foot drop assessment and intervention in stroke patients</b> <i>Becky Duncan, Practice Principal, Neurological Physiotherapy Practice</i> <b>Neuro Demo Zone</b>
13:45 - 14:25	<b>Unified pathway for foot drop and complex gait correction</b> <i>Jon Graham, Medical Director, PhysioFunction</i> <b>Theatre 2</b>
14:00 - 14:30	<b>Eliciting an energy-efficient gait pattern in the Neurologically impaired population</b> <i>Nechama Karman, Chief Clinical Educator, Mobility Research</i> <b>Neuro Demo Zone</b>
14:45 - 15:15	<b>The stroke shoulder - assessment and intervention</b> <i>Becky Duncan, Practice Principal, Neurological Physiotherapy Practice</i> <b>Neuro Demo Zone</b>

### Theatre 2, 09:45 - 10:30

#### A new approach to neuro-rehabilitation: Intensive training to optimise plasticity in practice



**Sarah Daniel, Clinical Director & Consultant Neurological Physiotherapist**

Research advocates that high intensity training, repetitive task training and the demand of attention during task practice are required to drive neuroplasticity. However these principles are not yet fully adopted in practice. This talk explores the MOTIONrehab approach to neuro-rehabilitation delivering high intensity therapy which combines hands-on physiotherapy and exercise with robotics and virtual reality to optimise CNS plasticity and motor learning.

Book your ticket for just **£129 +VAT** using code **TK1** before  
the **29th September** (full price **£299 +VAT**) at  
**www.therapyexpo.co.uk/ticket** or call **0207 013 4998**