

This will be an inspiring full day seminar focusing on the analysis and management of gait and how clinicians can improve the help offered to their patients with flaccid footdrop.

Footdrop secondary to stroke, MS, traumatic brain injury, spinal cord injury and a host of other indications is a significant factor in the treatment options offered to affected patients.

When a patient's gait pattern, posture and balance has been altered due to footdrop it can have a considerable impact on their independence, mental health and general well-being. Numerous orthotic options exist to help manage footdrop and increase mobility.

As part of the seminar we hope to include assessment of patients with footdrop, including an evaluation of their gait pattern with and without orthotic intervention. This seminar will expose the clinician to the variety of orthotic solutions available. It will also expose the clinician to functional biomechanics - open and closed chain reactions and will discuss how the design and customisation of AFO's can impact the functional outcome

Learning Outcomes

Understanding of lower limb function, including:

- The three planes of motion
- Open versus closed kinetic chain biomechanics
- Concentric / eccentric muscle function
- Role of proprioception in gait
- Tri-plane functional gait biomechanics
- Tri-plane lower limb muscle function

Understanding of gait evaluation techniques relevant to footdrop impaired gait:

- Open chain assessment
- Closed chain observations
- Closed chain objective data
- Understanding of the biomechanical basis for orthotic management of footdrop
- Design of gait training programs based on orthotic intervention and functional biomechanics
- Understanding of the indications, contra-indications, and biomechanics of the use of ToeOFF® product family of dynamic response gait orthoses.

08.45	Registration & Coffee	
09.15	Welcome & Introduction	Peter Roe
09.30	Closed Chain Biomechanics and Muscle Function during the normal gait	Jessica Parnevik-Muth
	<ul style="list-style-type: none"> • 3 Planes of Motion • Open v's Closed Kinetic Chain • Current Gait Cycle Terminology • Tri-Plane Lower Limb Function • Biomechanics 	
10.45	Coffee	
11.00	Continuation of Biomechanics and Muscle Function	
12.45	Buffet Lunch	
13.15	Orthotics - Design, Application & Considerations	William Munro
14.00	Allard Carbon Fibre Design, Considerations & Applications	Elaine Murdoch
14.45	Coffee	
15.00	Patient Gait Analysis and Product try on (Please bring suitable shoes)	Jessica & William
16.00	Closing, Questions & Answers	Jessica, William & Elaine
16.30	Finish	

*Register at www.allarduk.co.uk/seminars - today!

**Please note you need at least windows Explorer version 9 to register online.*

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Spring 2018 Education Seminars

OUR SPEAKERS!

Jessica Parnevik-Muth

Licensed Physical Therapist in Sweden and US with a specialist training in functional biomechanics, OMT, Sports medicine and KBT.

Jessica is also a Certified Strength and Conditioning Specialist in USA.

William A Munro Dip OTC MBAPO

HCPC Registered Orthotist. Specialist in Diabetic Foot Management. Specialist in Neurological Management including Spinal injury, Polio, MS, and Stroke. Clinical Associate National Centre for Prosthetics and Orthotics Department of Biomedical Engineering University of Strathclyde Glasgow.

Elaine Murdoch BSc Physiotherapy (Hons)

Licensed Physiotherapist - BSc Physiotherapy (Hons) with experience in various physiotherapy practices. Elaine is the Business Development Manager for Allard UK whose role includes sales, training & development and support in involved assessment of adult and paediatric patient hip and lower limb orthotic cases.

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Welcome!

allard_{UK}

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Spring 2018 Education Seminars

Allard UK will be hosting three separate Education Seminars this spring on:

ANALYSIS & MANAGEMENT OF GAIT

Choose from the following dates and venues:

Tuesday 24 April

**Copthorne Hotel Manchester
Clippers Quay
Salford Quays
Manchester M50 3SN**

Wednesday 25 April

**The Birmingham Conference & Event Centre
(Next to Holiday Inn Birmingham City Centre)
Hill Street
Birmingham B5 4EW**

Thursday 26 April

**Crown Plaza London
Bridges Wharf
Battersea
London SW11 3BE**

We would like to invite you to join us for an inspiring one day Multi-disciplinary seminar on the analysis and management of gait and how we can improve the help we offer to our patients with flaccid footdrop.

Our seminar features expert guest speakers covering lower limb function, gait analysis, the use of orthoses and different treatment methods for flaccid footdrop in adults and children.

Cost to attend: Free to all relevant HCPC registered clinicians.

***Register at www.allarduk.co.uk/seminars - today!**

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