



# ARNI STROKE THEORY WORKSHOP - 13th MARCH 2021

*Welcome to the ARNI STROKE REHAB ZOOM-BASED WORKSHOP*

This Zoom-based stroke rehab theory day is designed for therapists and professional physical exercise Instructors who are completing the ARNI Institute Functional Rehabilitation & Exercise Training after Stroke Qualification. You have an interest in gaining knowledge, skills and experience concerning rehabilitation from stroke and other brain injuries. You may have trained stroke survivors for many years or may not have yet trained someone coping with physical and psychological limitations resulting from brain injury. Whatever your knowledge base, we are pleased to be able, with the assistance of the lecturers who are giving their time today, to take you on a journey through stroke rehabilitation. You will find out how neurorehabilitation is initiated. You will be shown how the structure of the brain is altered and continues to alter after stroke. You will find out how stroke affects so much of the survivor’s daily life, from movement control to cognition, emotional coping abilities and speech.

You will find out what it is like to have a stroke and be left with residual limitations... and what kinds of interventions are being shown positively to affect recoveries. The aim is to inform your training of this cohort.

## LECTURERS

10.00 – 10.15	<b>Introduction</b>	<b>Dr Tom Balchin</b>
10.15 – 11.00	<b>Lower Body Rehabilitation</b>	<b>Dr Mohsen Shafizadeh</b>
11.00 - 11.45	<b>Imaging and Stimulating Motor Recovery after Stroke</b>	<b>Professor Heidi Johansen-Berg</b>
11.45 - 12.00	<i>Coffee break</i>	
12.00 – 12.45	<b>Technology in Rehabilitation</b>	<b>Professor Anand Pandyan</b>
12.45 – 1.45	<i>Lunch</i>	
1.45 – 2.35	<b>Upper Limb Rehabilitation</b>	<b>Professor Nick Ward</b>
2.35 – 3.15	<b>Community Rehabilitation</b>	<b>Associate Professor Cherry Kilbride</b>
3.15 – 3.30	<i>Coffee break</i>	
3.30 – 4.15	<b>Speech, Language and Understanding after Stroke</b>	<b>Dr Firle Beckley</b>
4.15 – 5.00	<b>Cognition and Behaviour after Stroke</b>	<b>Dr Catherine Doogan</b>

Dr Tom Balchin	Day Meeting Chair.
Dr Mohsen Shafizadeh	Senior Lecturer in Movement Science, Sheffield Hallam University.
Professor Nick Ward	Professor in Clinical Neurology and Neurorehabilitation, Institute of Neurology, UCL.
Professor Anand Pandyan	Professor of Rehabilitation Technology, Keele University.
Professor Heidi Johansen-Berg	Professor of Cognitive Neuroscience, University of Oxford.
Associate Professor Cherry Kilbride	Senior Lecturer in Physiotherapy, Brunel University.
Dr Firle Beckley	Speech and Language Therapist & Stroke Assoc Junior Research Training Fellow (UCL)
Dr Catherine Doogan	Senior Research Associate & Clinical Psychologist, Centre for Neurorehabilitation, UCL.

