



# ARNI STROKE THEORY WORKSHOP – 2nd JULY 2022

*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>Meeting Chair</b>                                       | <b>Dr Tom Balchin</b>                |
| 10.15 – 11.00 | <b>Acute Stroke</b>  | <b>Dr Khalid Ali</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>Fatigue after Stroke</b>                                | <b>Dr Anna Kuppusswamy</b>           |
| 3.15 – 3.30   | <i>Coffee break</i>  |                                      |
| 3.30 – 4.15   | <b>Speech, Language and Understanding after Stroke</b>     | <b>Storm Anderson</b>                |
| 4.15 – 5.00   | <b>Lower Body Rehabilitation</b>                           | <b>Dr Mohsen Shafizadeh</b>          |

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| Dr Khalid Ali                 | Senior Lecturer in Geriatrics & Stroke Physician, Brighton & Sussex Medical School    |
| Dr Mohsen Shafizadeh          | Senior Lecturer in Movement Science, Sheffield Hallam University.                     |
| Professor Heidi Johansen-Berg | Professor of Cognitive Neuroscience, University of Oxford.                            |
| Professor Anand Pandyan       | Professor of Rehabilitation Technology, Keele University.                             |
| Professor Nick Ward           | Professor in Clinical Neurology and Neurorehabilitation, Institute of Neurology, UCL. |
| Dr Anna Kuppusswamy           | Henry Dale Research Fellow, Institute of Neurology, UCL.                              |
| Storm Anderson                | Research Assistant & Speech Language Therapist, Institute of Neurology, UCL.          |
| Dr Mohsen Shafizadeh          | Senior Lecturer in Movement Science, Sheffield Hallam University.                     |

