Relationship between neuromuscular recovery, functional ability and sleep after stroke and criterion validity of measures made by the Vicon and Biokido motion analysis systems

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Physiotherapy is beneficial for recovery of movement after stroke.  Even greater benefit from physiotherapy is promised from a stronger focus on restoring pre-stroke movement patterns rather than using alternative movement patterns. Greater understanding of relative contribution of recovery of pre-stroke and alternative movement patterns is expected to inform identification of targets for even better physiotherapies.

Sleep is another factor that could influence recovery of movement. So a greater understanding of the relationship between sleep patterns and recovery of pre-stroke movement patterns is also expected to inform the development of even better physiotherapies.

For this research, **we are recruiting stroke survivors who have been discharged from in-patient care (community-dwelling**). If you would like to volunteer to take part in this study, **please contact** Professor Valerie Pomeroy, [v.pomeroy@uea.ac.uk](mailto:v.pomeroy@uea.ac.uk) or Pel Fordham, Research Administrator, [p.fordham@uea.ac.uk](mailto:p.fordham@uea.ac.uk)