

## Progress Report: Sri Lanka Clinical Trials Registry

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SLCTR registration number: SLCTR/ 2017/031

Scientific title of trial: Effectiveness of first-person and third-person motor imagery in relearning daily hand tasks for people with chronic stroke: A randomised controlled trial

Date of commencement (enrolment of first participant): 25<sup>th</sup> September 2017

Progression: 6 months       1 year       2 years       3 years   
At completion

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### 1. Baseline data

Any changes to the trial design/ methodology/ protocol after commencement: No

Any changes to trial outcomes after commencement: No

### 2. Current status

Recruitment status: Recruitment participants has been completed on 10<sup>th</sup> March 2018.

Number assessed for eligibility: People with chronic stroke 98

Number recruited and allocated/randomized: 60

Number allocated/randomized to each intervention/arm (please edit as relevant):

Arm 1: First-person motor imagery group (FPMI)	20
Arm 2: Third-person motor imagery group (TPMI)	20
Arm 3: Conventional occupational therapy (control) group	20

Losses/exclusions after allocation/randomization (please edit as relevant):

Arm 1: First-person motor imagery group	0
Arm 2: Third-person motor imagery group	0
Arm 3: Conventional occupational therapy (control) group	0

### 3. Trial output

Date of trial completion ("last patient, last visit"): Last follow up assessment 12<sup>th</sup> May 2018

Final sample size: 60

Summary of Interim/Final data (if available):

Data analysis is ongoing. The initial findings of this study suggest that there were improvements in the upper extremity and hand function in the FPMI, TPMI and control groups. Both the FPMI and TPMI groups demonstrated similar improvement in the performance-based upper extremity and hand function better than the control group, especially in fine hand skills. Follow-up assessment of both the FPMI and TPMI groups showed significant improvement in the self-perceived upper extremity and hand function in comparison to the control group. The TPMI group showed significant improvement in quality of life in comparison to the FPMI and control groups.

Abstract presentations of results at scientific meetings

Note: please include a URL link or scanned copy of the abstract

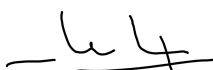
<b>Title of Abstract</b>	<b>Full citation (please include authors, date, title of conference and place of presentation, page number of abstract).</b>
Effectiveness of first-person versus third-person motor imagery on relearning daily hand tasks in people with chronic stroke: A randomised controlled trial.	Welage, N., Liu, K., Bissett, M., Coxon, K., Schabrun, S., & Fong, K. (2019). Effectiveness of first-person versus third-person motor imagery on relearning daily hand tasks in people with chronic stroke: A randomised controlled trial. Australian Occupational Therapy Journal, 66(S1), 129. doi: <a href="https://doi.org/10.1111/1440-1630.12587">https://doi.org/10.1111/1440-1630.12587</a>  <a href="https://onlinelibrary.wiley.com/doi/epdf/10.1111/1440-1630.12587">https://onlinelibrary.wiley.com/doi/epdf/10.1111/1440-1630.12587</a>

Publications

Note: please include a URL link or scanned copy of the publication

<b>Title of paper</b>	<b>Full citation (please include authors, title of journal, volume, issue and page numbers, and/or DOI)</b>
None	

Nandana Welage



Name and signature of ~~Responsible Registrant/~~  
Principal Investigator

Date: 12.11.2019