

Multimedia Appendix 2. Inclusion and exclusion criteria

Full text exclusions will report exclusion reason based on highest category (1 highest, 7 lowest).

Category	Inclusion	Exclusion
1. Date	2001-present	Pre 2001
2. Language	English	Non-English
3. Study type	Completed primary research study (any study design) including digital health technology (DHT) development studies during which the intervention has been trialled	<p>Protocols and trial registry entries if a completed study is not found (excluded at full text searching)</p> <p>Abstract only without a full publication ((excluded at full text searching)</p> <p>Review or commentary</p> <p>DHT development papers prior to stage of participant trial</p>
4. Participants involved in Intervention	<p>Adults</p> <p>Diagnosis of stroke with a physical impairment in function as defined by the International Classification of Functioning, Disability and Health of</p> <ul style="list-style-type: none"> a) Sensory functions and pain b) Neuromusculoskeletal and movement related functions (including swallow) c) Voice and speech <p>Mixed conditions and adult/child participant groups where adult stroke participant data can be separated</p>	<p>Non-human</p> <p>Entire cohort under 18 years</p> <p>No diagnosis of stroke</p> <p>Diagnosis of stroke with only cognitive impairment as defined by the International Classification of Functioning, Disability and Health of mental function including cognition, language, visuospatial attention</p> <p>Mixed conditions and adult/child participant groups where adult stroke participant data cannot be separated</p>

<p>5. Interventions DHT</p>	<p>Specific DHT identified by use of hardware and/or software</p>	<p>No specific DHT identified</p> <p>Intervention only uses telephone calls or email as a means of communication</p> <p>Use of electrical stimulation alone</p> <p>Use of videos via video player</p>
<p>6. Interventions Physical Rehabilitation</p>	<p>Active physical rehabilitation interventions to maintain or reduce disability, optimize function, and facilitate participation in meaningful life tasks (includes risk management and health promotion if physical activity is included)</p>	<p>No rehabilitation intervention</p> <p>Intervention for assessment only</p> <p>Interventions which are fully assistive</p> <p>Rehabilitation of mental (cognitive) function</p> <p>Interventions to address medication adherence or diet</p>
<p>7. Interventions Behaviour Change</p>	<p>An explicit mention of a behaviour change theory, framework, model, or behaviour change technique (BCT) within the DHT intervention description</p> <p>Note- At title and abstract screening stage all articles with a potential for behaviour change will be included for full text screening and at full text screening the behaviour change technique taxonomy v1 (BCTTv1) coding principles will be applied</p>	<p>No explicit behaviour change approach within the DHT intervention</p> <p>An intervention which includes BCTs and uses a DHT, but they are used completely separately</p> <p>A potential BCT such as feedback is explicitly referenced to another theory e.g., motor learning theory without consideration of behaviour change</p> <p>Intervention not described in sufficient detail for BCTs to be identified and coded</p>