

B-STARS2: Early contralesional continuous theta burst stimulation (cTBS) to promote upper limb recovery after stroke: rationale and design of a phase-3 multicentre, randomised, sham-controlled, clinical trial

We aim to assess the therapeutic and cost-effectiveness of ten daily sessions of cTBS of the contralesional M1 in promoting upper limb recovery after stroke.

Participants

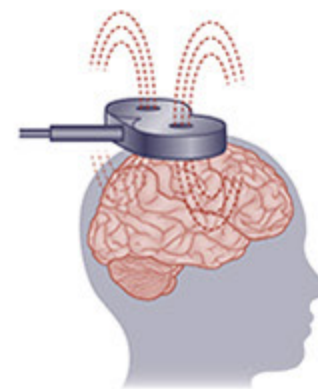
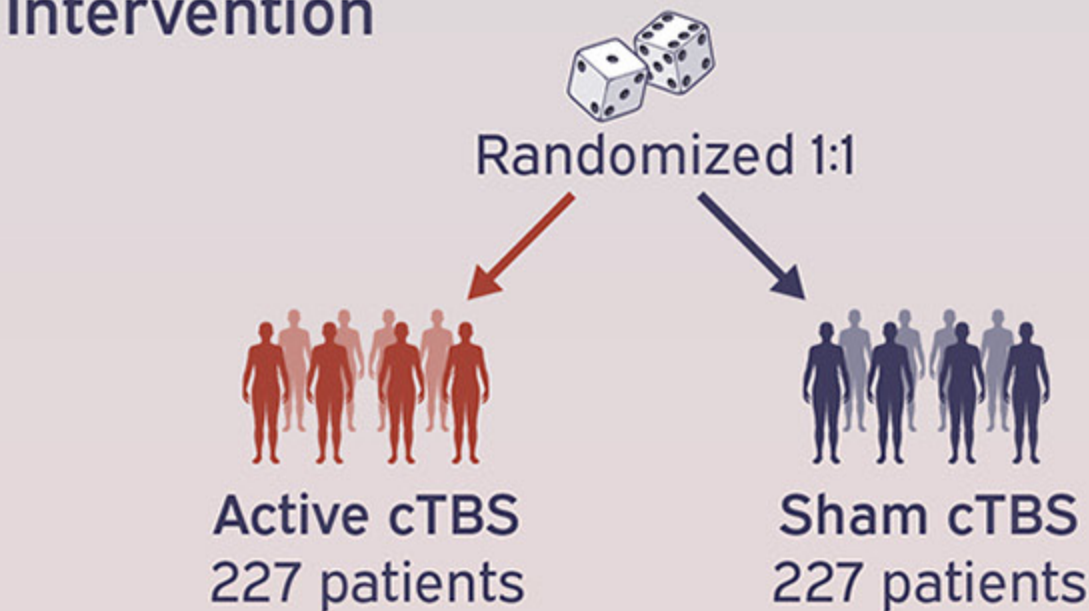


A phase-3 multicentre, double-blind, randomized sham-controlled clinical trial



Patients with ischaemic stroke or intracerebral haemorrhage with upper limb paresis

Intervention



Intervention

- 10 daily sessions of active or sham cTBS of the contralesional M1
- Combined with regular care upper limb therapy
- Started within 3 weeks after stroke

Outcomes



Primary:
Fugl-Meyer Upper Extremity assessment at 90 days after stroke



Secondary:
Upper limb recovery
Participation
Cost-effectiveness
Quality of life

Follow-up:
90 days, 12 months after stroke