

Optimizing Rehabilitation for Phantom Limb Pain Using Mirror Therapy and transcranial Direct Current Stimulation (tDCS): A randomized, double – blind clinical trial Study Protocol

Funded by NIH
Clinicaltrials.gov: NCT02487966



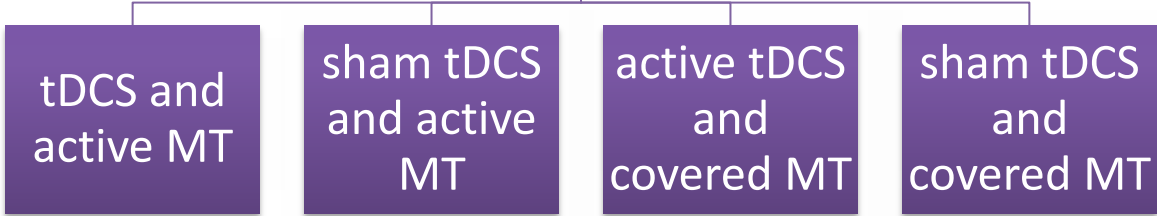
tDCS



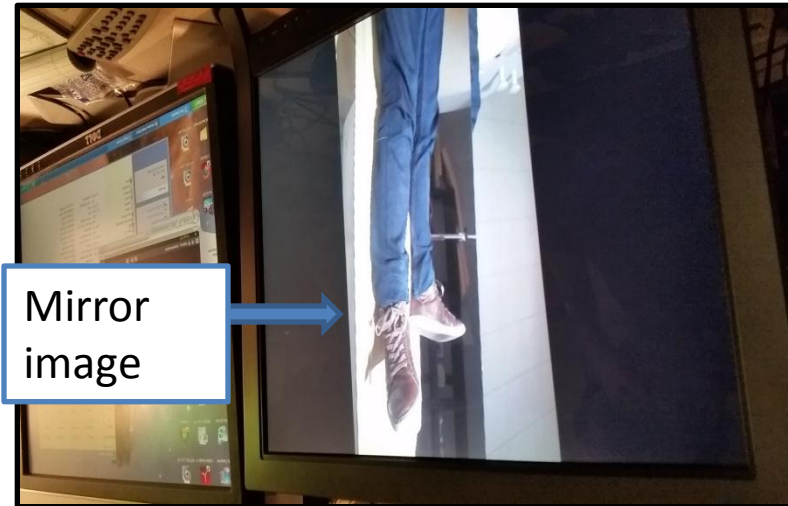
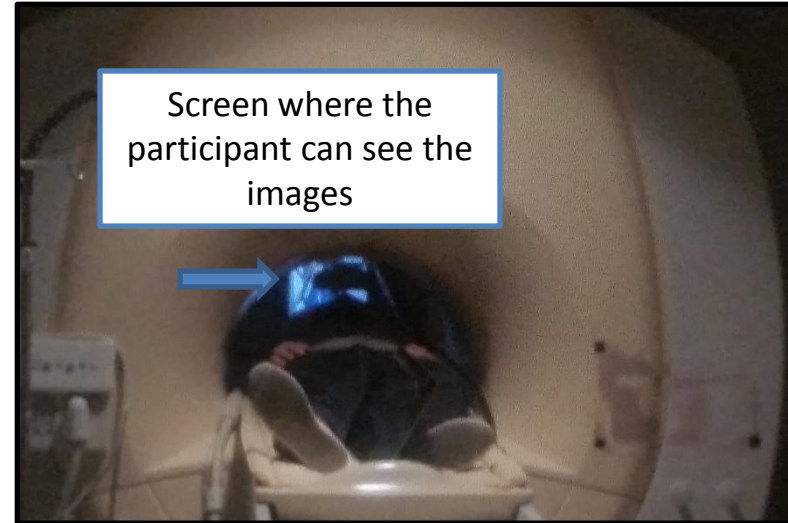
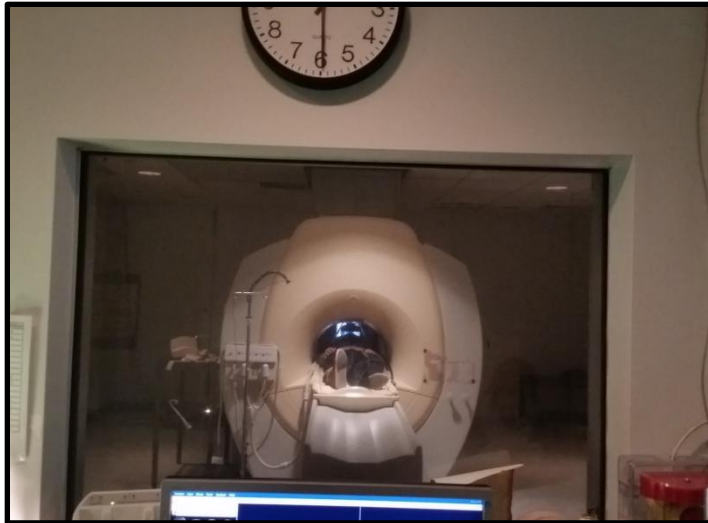
- Primary Aim: To evaluate the efficacy of tDCS and mirror therapy (MT) as rehabilitative tools for the management of pain on chronic PLP patients.
- Secondary Aim: To examine the mechanisms underlying PLP using two neurophysiological techniques.



132 participants
randomized in 4
intervention groups

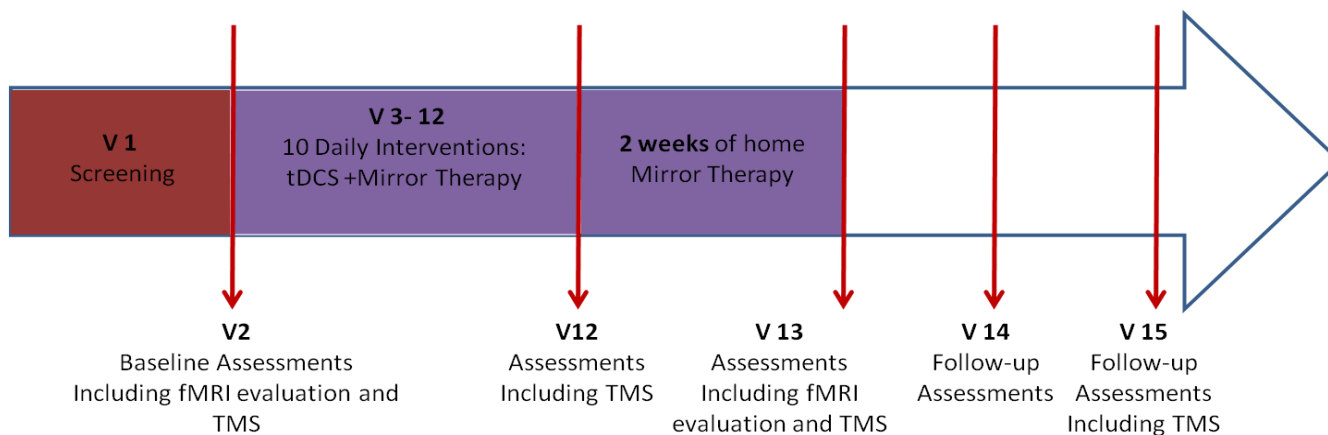


fMRI



Main Inclusion/Exclusion Criteria

- Older than 18 years
- Unilateral lower limb amputation
- **Traumatic etiology**
- Have chronic phantom limb for at least 3 months
- No metallic implants on head or neck



Thank You

