

Improving Visual Field Deficits With Noninvasive Brain Stimulation

NCT05085210

Status	RECRUITING
Phase	Not Applicable
Sponsor	Beth Israel Deaconess Medical Center
Enrollment	24 participants

Key Eligibility Criteria

Inclusion (8)

- years of age or older.
- Presence of some intact visual cortical areas (other than primary visual cortex) in the damaged brain hemisphere. This assessment will be made from MRI or CT scans of the subject's head, which will be obtained via standard release from their neurologist.
- First ever ischemic or hemorrhagic stroke with damage to primary visual cortex, and rendered blind over a portion of their visual field.
- Ischemic stroke patients will be either subacute (within 6 months of their stroke) or chronic (more than 6 months)
- Hemorrhagic stroke patients will be chronic only (greater than 6 months)
- ... and 3 more (see full listing online)

Exclusion (20)

- No evidence of damage to the primary visual cortex.
- Visual cortex damage as a result of a subsequent stroke (not primary).
- Total cortical blindness, covering both left and right visual fields.
- Unable to fixate visual targets precisely or unable to perform the visual training exercises as directed.
- Complete loss of reading abilities.
- ... and 15 more (see full listing online)

Locations (1 total)

Beth Israel Deaconess Medical Center, Boston, Massachusetts, United States