

Supplemental Material

Appendix 1

Key search terms:

1. "Stroke"[Mesh]
2. stroke
3. Stroke[Therapy, Rehabilitation]
4. cerebrovascular accident
5. "Cerebrovascular Accident"[MH Rehabilitation, Therapy]
6. cerebrovascular incident
7. hemorrhage*
8. ischaemi*
9. "Perceptual Disorders"[Mesh]
10. "Perceptual Disorders"[MH Rehabilitation, Therapy]
11. "Perception Disorder"[MH Disease Management, Drug Therapy, Rehabilitation, Therapy]
12. perception
13. perceptual impairment
14. perceptual disorder
15. "Unilateral Neglect"[MH]
16. "Neglect"[MH Disease Management, Drug Therapy, Rehabilitation, Therapy]
17. neglect*
18. hemispatial
19. spatial
20. visual
21. visuospatial
22. unilateral
23. "Transcranial Magnetic Stimulation"[Mesh]
24. "Transcranial Magnetic Stimulation"[MH]
25. transcranial magnetic stimulation
26. theta burst stimulation
27. theta-burst stimulation
28. TBS
29. TMS
30. "Magnet Therapy"[MH]
31. brain stimulation
32. non-invasive
33. "Non Invasive Procedure"[MH]

Search strategy:

Databases searched include: PubMed, Scopus, CINAHL, PsycINFO, and EMBASE. All searches were limited to generate citations up to June 30, 2018.

1. Pubmed

((“Stroke”[Mesh] OR cerebrovascular accident) AND (“Perceptual Disorders”[Mesh] OR neglect* OR perceptual impairment OR hemispatial OR spatial OR visual OR visuospatial OR unilateral) AND (“Transcranial Magnetic Stimulation”[Mesh] OR theta burst stimulation OR theta-burst stimulation OR TBS OR TMS OR brain stimulation OR non-invasive))

Limit(s): English; Human

2. Scopus

(TITLE-ABS-KEY (stroke OR “cerebrovascular accident” OR “cerebrovascular incident” OR “hemorrhag*” OR “ischaemi*)) AND (TITLE-ABS-KEY (“perceptual disorder” OR “perceptual impairment” OR neglect OR visual OR spatial OR visuospatial OR hemispatial OR hemineglect OR unilateral)) AND (TITLE-ABS-KEY (“theta burst stimulation” OR “theta-burst stimulation” OR “transcranial magnetic stimulation” OR “brain stimulation” OR “non-invasive” OR TMS OR TBS))

Limit(s): English

3. CINAHL

((MH “Stroke/RH/TH”) AND ((MH “Perceptual Disorders/RH/TH”) OR (MH “Unilateral Neglect”)) AND (“TBS” OR “non-invasive brain stimulation” OR “theta burst stimulation” OR (MH “Magnet Therapy”) OR (MH “Transcranial Magnetic Stimulation”))

Limit(s): English

4. PsycINFO

(stroke OR (cerebrovascular accident) OR (cerebrovascular incident) OR hemorrhag* OR ischaemi*) AND (TBS OR (theta burst stimulation) OR (theta-burst stimulation) OR (non-invasive brain stimulation) OR (transcranial magnetic stimulation) OR TMS OR (brain stimulation)) AND (neglect OR (perceptual impairment) OR (perceptual disorder) OR visual OR spatial OR visuospatial OR hemispatial OR unilateral)

Limit(s): English; Human

5. EMBASE

((cerebrovascular accident/[Disease Management, Drug Therapy, Rehabilitation, Therapy]) AND ((neglect/[Disease Management, Drug Therapy, Rehabilitation, Therapy]) OR (perception disorder/[Disease Management, Drug Therapy, Rehabilitation, Therapy]) OR perception/) AND (brain stimulation OR non invasive procedure/ OR transcranial magnetic stimulation/ OR theta burst stimulation OR theta-burst stimulation OR TBS or TMS))

Limit(s): English; Human