

Supplementary material to article by S. Krogh et al. "Efficacy of repetitive transcranial magnetic stimulation for improving lower limb function in individuals with neurological disorders: A systematic review and meta-analysis of randomized sham-controlled trials"

Appendix SI. Search strategy

Pubmed PICO

Patient	Intervention	Comparison	Outcome
"Spinal cord injury" OR "neurological diseases*" OR "neurological disorders" OR "Nervous System Diseases"[Mesh] OR "Nervous System Diseases" OR "Nervous System Disorders" OR "Central Nervous System Disorders" OR stroke OR epilepsy OR "brain tumors" OR "amyotrophic lateral sclerosis" OR ALS OR "Multiple Sclerosis" OR MS OR "Parkinson's Disease" OR "Neuro* patient*" OR "Alzheimer*" OR "Alzheimer's disease" OR "Huntington's disease" OR "dystonia" OR "cerebral palsy")	AND ("transcranial magnetic stimulation" [Mesh] OR TMS OR "repetitive transcranial magnetic stimulation" OR "rTMS" OR "non-invasive brain stimulation" OR "NIBS")		AND "maximal voluntary contraction" OR MVC OR "rate of force development" OR RFD OR "rate of torque development" OR RTD OR "muscle strength" OR "strength gain" OR "ambulatory function" OR ambulation OR "gait" OR "gait speed" OR "endurance" OR "10 meter walking test" OR "ten meter walking test" OR 10MWT "6 minute walking test" OR "six minute walking test" OR 6MWT OR "Timed up and go" OR TUG OR "muscle function" OR "lower limb" OR "leg" OR walking[Mesh] OR "muscle strength"[Mesh] AND Humans[Mesh]

Hits: 462 on 30-03-2020

Cinahl PICO

Patient	Intervention	Comparison	Outcome
"Spinal cord injury" OR "neurological diseases*" OR "neurological disorders" OR "Nervous System Diseases" OR "Nervous System Disorders" OR "Central Nervous System Disorders" OR stroke OR epilepsy OR "brain tumors" OR "amyotrophic lateral sclerosis" OR ALS OR "Multiple Sclerosis" OR MS OR "Parkinson's Disease" OR "Neuro* patient*" OR "Alzheimer*" OR "Alzheimer's disease" OR "Huntington's disease" OR "dystonia")	("transcranial magnetic stimulation" OR TMS OR "repetitive transcranial magnetic stimulation" OR "rTMS" OR "non-invasive brain stimulation" OR "NIBS")		("maximal voluntary contraction" OR MVC OR "rate of force development" OR RFD OR "rate of torque development" OR RTD OR "muscle strength" OR "strength gain" OR "ambulatory function" OR ambulation OR "gait" OR "gait speed" OR "endurance" OR "10 meter walking test" OR "ten meter walking test" OR 10MWT "6 minute walking test" OR "six minute walking test" OR 6MWT OR "Timed up and go" OR TUG OR "muscle function" OR "lower limb" OR "motor activity" OR walking OR "muscle contraction" OR "muscle strength") AND (Humans))

Hits: 54 on 30-03-2020

Embase PICO

Patient	Intervention	Comparison	Outcome
('spinal cord injury'/exp OR 'spinal cord injury' OR 'neurological diseases*' OR 'neurological disorders' OR 'nervous system diseases'/exp OR 'nervous system diseases' OR 'nervous system disorders' OR 'central nervous system disorders' OR 'stroke'/exp OR stroke OR 'epilepsy'/exp OR epilepsy OR 'brain tumors'/exp OR 'brain tumors' OR 'amyotrophic lateral sclerosis'/exp OR 'amyotrophic lateral sclerosis' OR als OR 'multiple sclerosis'/exp OR 'multiple sclerosis' OR 'ms'/exp OR ms OR 'parkinson disease'/exp OR 'parkinson disease' OR 'neuro* patient*' OR 'alzheimer*' OR 'alzheimer disease'/exp OR 'alzheimer disease' OR 'huntington disease'/exp OR 'huntington disease' OR 'dystonia'/exp OR 'dystonia' OR 'cerebral palsy'/exp OR 'cerebral palsy' AND ('humans'/exp OR 'humans'))	AND ('repetitive transcranial magnetic stimulation'/exp OR 'repetitive transcranial magnetic stimulation' OR 'rtms' OR 'non-invasive brain stimulation' OR 'nibs')) AND ('maximal voluntary contraction'/exp OR 'maximal voluntary contraction' OR mvc OR 'rate of force development'/exp OR 'rate of force development' OR rfd OR 'rate of torque development'/exp OR 'rate of torque development' OR rtd OR 'strength gain' OR 'ambulatory function' OR 'ambulation'/exp OR ambulation OR 'gait'/exp OR 'gait' OR 'gait speed'/exp OR 'gait speed' OR 'endurance'/exp OR 'endurance' OR '10 meter walking test'/exp OR '10 meter walking test' OR 'ten meter walking test' OR 10mwt OR '6 minute walking test'/exp OR '6 minute walking test' OR 'six minute walking test'/exp OR 'six minute walking test' OR 6mwt OR 'timed up and go'/exp OR 'timed up and go' OR tug OR 'muscle function'/exp OR 'muscle function' OR 'lower limb'/exp OR 'lower limb' OR 'leg'/exp OR 'leg' OR 'walking'/exp OR 'walking' OR 'muscle strength'/exp OR 'muscle strength')

Hits: 380 on 31-03-2020

Scopus PICO

Patient	Intervention	Comparison	Outcome
TITLE-ABS-KEY ("neurological disease") OR "spinal cord injury" OR stroke OR "multiple sclerosis" OR "cerebral palsy" OR "amyotrophic lateral sclerosis" AND (LIMIT-TO (EXACTKEYWORD, "Human"))	TITLE-ABS-KEY ("repetitive transcranial magnetic stimulation") LIMIT-TO EXACTKEYWORD , "Repetitive Transcranial Magnetic Stimulation"		"lower limb" OR gait OR walking OR "leg function" OR "maximal voluntary contraction"

Hits: 302 on 31-03-2020