

Retrieval strategy

PubMed database

#1	stroke [MeSH terms]
#2	post-stroke [text word]
#3	apoplexy [text word]
#4	cognitive dysfunction [MeSH terms]
#5	cognition impairment [text word]
#6	cognitive disorder [text word]
#7	cognitive function obstacle [text word]
#8	cognition function barrier [text word]
#9	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8
#10	acupuncture [MeSH terms]
#11	electric acupuncture [text word]
#12	auricular acupuncture [text word]
#13	scalp acupuncture [text word]
#14	#10 OR #11 OR #12 OR #13
#15	systematic review [text word]
#16	systematic evaluation [text word]
#17	meta-analysis [text word]
#18	#15 OR #16 OR #17
#19	#9 and #14 and #18

the Cochrane library database

#1	stroke:MeSH
#2	(post-stroke):ti,ab,kw
#3	(apoplexy):ti,ab,kw
#4	cognitive dysfunction:MeSH
#5	(cognition impairment):ti,ab,kw
#6	(cognitive disorder):ti,ab,kw
#7	(cognitive function obstacle):ti,ab,kw
#8	(cognition function barrier):ti,ab,kw
#9	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8
#10	acupuncture: MeSH
#11	(electric acupuncture):ti,ab,kw
#12	(auricular acupuncture):ti,ab,kw

#13	(scalp acupuncture):ti,ab,kw
#14	#10 OR #11 OR #12 OR #13
#15	(systematic review):ti,ab,kw
#16	(systematic evaluation):ti,ab,kw
#17	(meta-analysis):ti,ab,kw
#18	#15 OR #16 OR #17
#19	#9 AND #14 AND #18

Embase database

#1	'stroke':ti,ab,kw OR 'post stroke':ti,ab,kw OR 'apoplexy':ti,ab,kw OR 'cognitive dysfunction':ti,ab,kw OR 'cognition impairment':ti,ab,kw OR 'cognitive disorder':ti,ab,kw OR 'cognitive function obstacle':ti,ab,kw OR 'cognition function barrier':ti,ab,kw
#2	'acupuncture':ti,ab,kw OR 'electric acupuncture':ti,ab,kw OR 'auricular acupuncture':ti,ab,kw OR 'scalp acupuncture':ti,ab,kw
#3	'systematic review':ti,ab,kw OR 'systematic evaluation':ti,ab,kw OR 'meta analysis':ti,ab,kw
#4	#1 and #2 and #3

SinoMed database

- 1) "stroke" [Common fields: intelligence] OR "post-stroke" [Common fields: intelligence] OR "apoplexy" [Common fields: intelligence]
- 2) "cognitive dysfunction" [Common field: intelligence] OR "cognitive impairment" [Common field: intelligence] OR "cognitive disorder" [Common field: intelligence] OR "cognitive function obstacle" [Common field: intelligence] OR "cognition function barrier" [Common field: intelligence]
- 3) "acupuncture" [Common fields: intelligence] OR "needle" [Common fields: intelligence] OR "electric acupuncture" [Common fields: intelligence] OR "scalp acupuncture" [Common fields: intelligence] OR "auricular acupuncture" [Common fields: intelligence]"
- 4) "systematic review" [Common fields: intelligence] OR "systematic evaluation" [Common fields: intelligence] OR "meta analysis" [Common fields: intelligence]

5) (#1) AND (#2) AND (#3) AND (#4)

CNKI database

SU=('stroke'+ 'post-stroke'+ 'apoplexy') AND SU=('cognitive dysfunction'+ 'cognition impairment'+ 'cognitive disorder'+ 'cognitive function obstacle'+ 'cognition function barrier') AND SU=('acupuncture'+ 'electric acupuncture'+ 'scalp acupuncture'+ 'auricular acupuncture') AND SU=('systematic review'+ 'systematic evaluation'+ 'meta analysis')

Wanfang database

Subject: (“stroke” or “post-stroke” or “apoplexy”) and Subject: (“cognitive dysfunction” or “cognition impairment” or “cognitive disorder” or “cognitive function obstacle” or “cognition function barrier”) and Subject: (“acupuncture” or “electric acupuncture” or “scalp acupuncture” or “auricular acupuncture”) and Subject: (“systematic review” or “systematic evaluation” or “meta analysis”)

VIP database

U=((stroke+post-stroke+apoplexy) AND U=(cognitive dysfunction+cognition impairment+cognitive disorder+cognitive function obstacle+cognition function barrier) AND U=(acupuncture+electric acupuncture+scalp acupuncture+auricular acupuncture) AND U=(systematic review+systematic evaluation+meta analysis)

Excluded list

Citation	Reason for exclusion
Xie Yingye, Cai Lin, Xie Meifeng, Peng Rongrong, Shao Ying. Meta-analysis of acupuncture combined with traditional Chinese medicine in the treatment of vascular dementia [J]. <i>New traditional Chinese medicine</i> ,2014,46(2): 20-202.	Not post-stroke cognitive impairment
Tan Jingfei, Xu Xiu, Zhang Zhongping, Shi Jian, Lian Mengjie. Meta-analysis of blood circulation therapy combined with acupuncture in the treatment of vascular cognitive impairment [J]. <i>Chin J med</i> ,2020,17(26):139-144.	Not post-stroke cognitive impairment
Zhu Chan, Zhang Qiang, Han Xuke, Yao Chengjiao, Liu Jing, Shao Ming. Metrology and visualization analysis of English literature on acupuncture and moxibustion for cerebral apoplexy in recent 10 years [J]. <i>Chinese Journal of Clinical Medicine</i> , 201,33(10):1933-1940.	Not systematic review
Yuan Aihong. Research status of acupuncture and moxibustion in the treatment of cognitive impairment after stroke in recent 5 years [C]. 2017.	Not systematic review
Li JP. Systematic evaluation of a randomized controlled trial of jin three-needle therapy for stroke [D]. <i>Guangzhou University of Chinese Medicine</i> ,2016.	Not post-stroke cognitive impairment
Hung CY, Wu XY, Chung VC, Tang EC, Wu JC, Lau AY. Overview of systematic reviews with meta-analyses on acupuncture in post-stroke cognitive impairment and depression management. <i>Integr Med Res</i> . 2019 Sep;8(3):145-159.	Not systematic review
Nie Rongrong, Fu Wenbin. Systematic evaluation of acupuncture and western medicine in the treatment of post-stroke depression [C]. 2011.	Not post-stroke cognitive impairment
Zhang J. Systematic evaluation of electroacupuncture in the treatment of stroke in a randomized controlled trial [D]. 2018.	Not post-stroke cognitive impairment
Tang Y, Wang T, Yang L, Zou X, Zhou J, Wu J, Yang J. Acupuncture for post-operative cognitive dysfunction: a systematic review and meta-analysis of randomized controlled trials. <i>Acupunct Med</i> . 2021 Oct;39(5):423-431.	Not post-stroke cognitive impairment
Zhang H , Park M , Yan Y , et al. Scalp acupuncture for post-stroke cognitive impairment: A systematic review and meta-analysis <i>IBRO Reports</i> , 2019, 6:S442.	Full text unavailable