Search Methods for Cochrane Stroke Specialised Register (updated 24/06/2020)

Inclusion criteria

Electronic searches

Search Methods for Specialised Register

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Electronic searches

Bibliographic databases

Separate detailed search strategies are prepared for individual databases and all resulting citations are downloaded into reference management software. The title, keywords and abstract (where available) are screened by the Information Specialist, and full paper copies of all reports meeting the scope and topics of the group and which, from the information available, may be a report of a randomised trial, controlled clinical trial or systematic review, are obtained. All reports meeting the following criteria are then coded for inclusion in the Trials Register.

- Randomised controlled trials (RCTs): studies in which there is a clear statement that patients or treatment periods were allocated at random.
- Controlled clinical trials (CCTs): (1) possible RCTs: statement that the trial was double-blind, single-blind, placebo controlled but no use of the word 'random'; (2) definite CCTs: clear statement that the trial used a quasi-random method of allocation (for example, alternation, date of birth, record number, etc.); (3) possible CCTs: statement that there was a control group but does not mention how it was allocated, for example, patients were divided into two groups.
- Systematic reviews: we include all reports of high-quality non-Cochrane systematic reviews meeting our scope. These must include a methods section, search strategy, detailed inclusion criteria and may or may not include statistical analysis of the results.

Registers of on-going trials and research grants registers

Appropriate search strategies are developed, and all the available information on a relevant trial is obtained. If possible the principle investigator is contacted to obtain a full trial protocol.

Handsearching
All publications are searched from cover to cover. Relevant trials are identified using the above criteria and full paper copies are obtained.

**Search strategies for the identification of studies**

**Electronic searches**
Using the facilities of the University of Edinburgh, the NHS Scotland Knowledge Network, the Commercial Scientific and Technical Information Network (STN), individual database providers, and miscellaneous grey literature resources we have performed searches of a number of bibliographic databases. We developed separate detailed search strategies for each database based on controlled vocabulary or free text terms or both, and the search strategies are updated regularly to include new controlled vocabulary terms. The most recent search strategies and years searched for each database are detailed below. All resulting references are downloaded into reference management software and relevant trials are added to the Cochrane Stroke Group Trials Register. These new records are then accessioned to Cochrane Central Register of Controlled Trials (CENTRAL) via the CRS-Web portal.

**Bibliographic databases**

**Cochrane Central Register of Controlled Trials** (CENTRAL)
The following search strategy is run monthly in each new issue of The Cochrane Library. Searched from Issue 5 of 12, 25 May 2020. Last searched: Ongoing.

All reference files retrieved from CENTRAL searches contributing to Cochrane Systematic Review searches are screened for new trials and references. The original CENTRAL search strategy was discontinued on 14 June 2009. It was revised and reinstated as of 6 June 2016 and the intervening years have been retroactively searched. The search was further revised between January and May 2020 to account for additions and changes to the Medical Subject Headings (MeSH) controlled vocabulary and newly identified relevant uncontrolled terms.

#1 MeSH descriptor: [Cerebrovascular Disorders] this term only
#2 MeSH descriptor: [Basal Ganglia Cerebrovascular Disease] explode all trees
#3 MeSH descriptor: [Brain Ischemia] explode all trees
#4 MeSH descriptor: [Carotid Artery Diseases] explode all trees
#5 MeSH descriptor: [Cerebral Small Vessel Diseases] this term only
#6 MeSH descriptor: [Cerebral Amyloid Angiopathy, Familial] this term only
#7 MeSH descriptor: [Stroke, Lacunar] this term only
#8 MeSH descriptor: [Cerebrovascular Trauma] this term only
#9 MeSH descriptor: [Vertebral Artery Dissection] this term only
#10 MeSH descriptor: [Intracranial Arterial Diseases] this term only
#11 MeSH descriptor: [Cerebral Arterial Diseases] this term only
#12 MeSH descriptor: [Cerebral Amyloid Angiopathy] this term only
#13 MeSH descriptor: [Infarction, Anterior Cerebral Artery] this term only
#14 MeSH descriptor: [Infarction, Middle Cerebral Artery] this term only
#15 MeSH descriptor: [Infarction, Posterior Cerebral Artery] this term only
MeSH descriptor: [Moyamoya Disease] this term only
MeSH descriptor: [Intracranial Aneurysm] this term only
MeSH descriptor: [Intracranial Arteriosclerosis] this term only
MeSH descriptor: [Intracranial Arteriovenous Malformations] explode all trees
MeSH descriptor: [Intracranial Embolism and Thrombosis] explode all trees
MeSH descriptor: [Intracranial Hemorrhages] this term only
MeSH descriptor: [Cerebral Hemorrhage] explode all trees
MeSH descriptor: [Intracranial Hemorrhage, Hypertensive] this term only
MeSH descriptor: [Subarachnoid Hemorrhage] explode all trees
MeSH descriptor: [Stroke] this term only
MeSH descriptor: [Vasospasm, Intracranial] this term only
MeSH descriptor: [Stroke Rehabilitation] this term only
(stroke or poststroke or post-stroke or cerebrovascular* or (cerebral near/3 vascular*) or CVA* or apopleptic or apoplectic* or (transient near/3 ischaemic near/3 attack) or tia* or SAH or AVM or ESUS or ICH or (cerebral small vessel near/3 disease*)):ti,ab,kw
((cerebral* or cerebellar* or arteriovenous or vertebrobasilar* or interhemispheric or hemispheric* or intracranial* or intracerebral or infratentorial or supratentorial or MCA* or ((anterior or posterior) near/3 circulation) or lenticulostriate or ((basilar or brachial or vertebral*) near/3 arter*) near/3 ((blood near/5 clot*) or disease* or damage* or disorder* or disturbance or dissection or lesion or syndrome or arrest or accident or lesion or vasculopathy or insult or attack or injury or insufficiency or malformation or obstruct* or abnormal*)):ti,ab,kw
((cerebral* or cerebellar* or arteriovenous or vertebrobasilar* or interhemispheric or hemispheric* or intracranial* or intracerebral or intracortical or intraventricular or periventricular or posterior fossa or infratentorial or supratentorial or MCA* or ((anterior or posterior) near/3 circulation) or basal ganglia or ((basilar or brachial or vertebral*) near/3 arter*) or space-occupying or brain ventricle* or lacunar or cortical or ocular) near/3 (ischaemic* or infarct* or thrombotic* or embolic* or occlusive* or hypoxic* or vasospasm or obstruct* or vasoconstrictor*)):ti,ab,kw
((cerebral* or cerebellar* or vertebrobasilar* or interhemispheric or hemispheric or intracranial or intracerebral or intracortical or intraventricular or periventricular or posterior fossa or infratentorial or supratentorial or MCA* or ((anterior or posterior) near/3 circulation) or basal ganglia or ((basilar or brachial or vertebral*) near/3 arter*) or space-occupying or brain ventricle* or subarachnoid* or arachnoid*) near/3 (haemorrhagic* or haematoma* or bleed*)):ti,ab,kw
(encephalorrhagia or hematencephal*:ti,ab,kw
(ischaemic near/3 encephalopathy):ti,ab,kw
((carotid or cerebral* or cerebellar* or intracranial or ((basilar or brachial or vertebral*) near/3 arter*) near/3 (aneurysm or malformation* or block* or dysplasia or disease* or bruit or injury* or narrow* or obstruct* or occlusion or constriction or presclerosis or sclerosis* or stenosis* or atherosclerosis* or arteriosclerosis* or plaque* or thrombotic* or embolic* or arteriopathy)):ti,ab,kw
((moyamoya or moya moya) near/3 (disease or syndrome)):ti,ab,kw
MeSH descriptor: [Patent Foramen Ovale] this term only

MeSH descriptor: [Aphasia] explode all trees

MeSH descriptor: [Hemianopsia] this term only

MeSH descriptor: [Hemiplegia] this term only

MeSH descriptor: [Paresis] this term only

MeSH descriptor: [Gait Disorders, Neurologic] explode all trees

MeSH descriptor: [Deglutition Disorders] this term only

MeSH descriptor: [Dysarthria] this term only

MeSH descriptor: [Pseudobulbar Palsy] this term only

MeSH descriptor: [Muscle Spasticity] this term only

(a phasi* or apraxi* or dysphasi* or dysphagi* or ((deglutition or swallow*) near/3 disorder*) or dysarthri* or hemipleg* or hemipar* or paresis or paretic or hemianop* or hemineglect):ti,ab,kw

((unilateral or visual or hemispatial or attentional or spatial) near/5 neglect):ti,ab,kw

{or #1-#48}

Cochrane Central Register of Controlled Trials (CENTRAL) (The Cochrane Library) Search strategy from 14 June 2009 (last run on 17 January 2020; discontinued as of 24 May 2020).

MeSH descriptor: [Cerebrovascular Disorders] this term only

MeSH descriptor: [Basal Ganglia Cerebrovascular Disease] this term only

MeSH descriptor: [Brain Ischemia] explode all trees

MeSH descriptor: [Carotid Artery Diseases] explode all trees

MeSH descriptor: [Cerebral Small Vessel Diseases] explode all trees

MeSH descriptor: [Intracranial Arterial Diseases] explode all trees

MeSH descriptor: [Intracranial Embolism and Thrombosis] explode all trees

MeSH descriptor: [Intracranial Hemorrhages] explode all trees

MeSH descriptor: [Stroke] this term only

MeSH descriptor: [Brain Infarction] explode all trees

MeSH descriptor: [Vasospasm, Intracranial] this term only

MeSH descriptor: [Intracranial Arteriovenous Malformations] explode all trees

MeSH descriptor: [Vertebral Artery Dissection] explode all trees

MeSH descriptor: [Carotid Artery Diseases] this term only

MeSH descriptor: [Carotid Artery Thrombosis] this term only

MeSH descriptor: [Carotid Artery, Internal, Dissection] this term only

MeSH descriptor: [Carotid Stenosis] this term only

MeSH descriptor: [Carotid Artery Injuries] explode all trees

MeSH descriptor: [Intracranial Arterial Diseases] explode all trees

MeSH descriptor: [Cerebral Arterial Diseases] this term only

MeSH descriptor: [Infarction, Anterior Cerebral Artery] this term only

MeSH descriptor: [Infarction, Middle Cerebral Artery] this term only

MeSH descriptor: [Infarction, Posterior Cerebral Artery] this term only

MeSH descriptor: [Cerebral Infarction] this term only

MeSH descriptor: [Carotid Arteries] explode all trees
The following search strategy is run monthly/quarterly. Last searched: Ongoing.

All reference files retrieved from MEDLINE searches contributing to Cochrane Systematic Review searches are screened for new trials and references. The original MEDLINE search strategy was discontinued on 14 June 2009. It was revised and reinstated as of 6 June 2016 and the intervening years have been retroactively searched. The search was further revised to account for additions and changes to the Medical Subject Headings (MeSH) controlled vocabulary and newly identified relevant uncontrolled terms.

1. cerebrovascular disorders/ or exp basal ganglia cerebrovascular disease/ or brain ischemia/ or exp brain infarction/ or ischemic attack, transient/ or vertebrobasilar insufficiency/ or exp carotid artery diseases/ or cerebral small vessel diseases/ or cerebral amyloid angiopathy, familial/ or stroke, lacunar/ or cerebrovascular trauma/ or vertebral artery dissection/ or intracranial arterial diseases/ or cerebral arterial diseases/ or cerebral amyloid angiopathy/ or infarction, anterior cerebral artery/ or infarction, middle cerebral artery/ or infarction, posterior cerebral artery/ or moyamoya disease/ or intracranial aneurysm/ or intracranial arteriosclerosis/ or exp intracranial arterial malformations/ or exp "intracranial embolism and thrombosis"/ or intracranial hemorrhages/ or exp cerebral hemorrhage/ or intracranial hemorrhage, hypertensive/ or exp subarachnoid hemorrhage/ or stroke/ or vasospasm, intracranial/

2. stroke rehabilitation/

3. (stroke or poststroke or post-stroke or cerebrovasc$ or (cerebr$ adj3 vasc$) or CVA$ or apoplectic or apoplex$ or (transient adj3 isch?emic adj3 attack) or tia$ or SAH or AVM or ESUS or ICH or (cerebral small vessel adj3 disease$)).tw.

4. ((cerebr$ or cerebell$ or arteriovenous or vertebrobasil$ or interhemispheric or hemispher$ or intracran$ or intracerebral or infratentorial or supratentorial or MCAs$ or ((anterior or posterior) adj3 circulat$) or lenticulostriate or ((basilar or brachial or vertebr$) adj3 arter$)) adj3 ((blood adj5 clot$) or disease$ or damage$ or disorder$ or disturbance or dissection or lesion or
syndrome or arrest or accident or lesion or vasculopathy or insult or attack or injury or insufficiency or malformation or obstruct$ or anomal$)).tw.

5. ((cerebr$ or cerebell$ or arteriovenous or vertebrobasil$ or interhemispheric or hemispher$ or intracran$ or corpus callosum or intracerebral or intracortical or intraventricular or periventricular or posterior fossa or infratentorial or supratentorial or MCAS or ((anterior or posterior) adj3 circulation) or basal ganglia or ((basilar or brachial or vertebr$) adj3 arter$) or space-occupying or brain ventricle$ or lacunar or cortical or ocular) adj3 (isch$emi$ or infarct$ or thrombo$ or emboli$ or occlus$ or hypoxi$ or vasospasm or obstruct$ or vasoconstrict$)).tw.

6. ((cerebr$ or cerebell$ or vertebrobasil$ or interhemispheric or hemispher$ or intracran$ or corpus callosum or intracerebral or intracortical or intraventricular or periventricular or posterior fossa or infratentorial or supratentorial or MCAS or ((anterior or posterior) adj3 circulation) or basal ganglia or ((basilar or brachial or vertebr$) adj3 arter$) or space-occupying or brain ventricle$ or subarachnoid$ or arachnoid$) adj3 (h$emorrhag$ or h$ematom$ or bleed$)).tw.

7. (encephalorrhagia or hematencephal$).tw.


9. ((carotid or cerebr$ or cerebell$ or intracranial or ((basilar or brachial or vertebr$) adj3 arter$)) adj3 (aneurysm or malformation$ or block$ or dysplasia or disease$ or bruit or injur$ or narrow$ or obstruct$ or occlusion or constriction or presclerosis or scleros$ or stenos$ or atherosclero$ or arteriosclero$ or plaque$ or thrombo$ or embol$ or arteriopathy)).tw.

10. ((moyamoya or moya moya) adj3 (disease or syndrome)).tw.

11. patent foramen ovale /

12. (((patent or persistent) adj3 foramen ovale) or PFO).tw.

13. exp aphasia/ or hemianopsia/ or hemiplegia/ or paresis/ or exp gait disorders, neurologic/ or deglutition disorders/ or dysarthria/ or pseudobulbar palsy/ or muscle spasticity /

14. (aphasi$ or apraxi$ or dysphasi$ or dysphagi$ or ((deglutition or swallow$) adj3 disorder$) or dysarthri$ or hemipleg$ or hemipar$ or paresis or paretic or hemianop$ or hemineglect).tw.

15. ((unilateral or visual or hemispatial or attentional or spatial) adj5 neglect).tw.

16. or/1-15

17. randomized controlled trial.pt.

18. controlled clinical trial.pt.

19. randomized.ab.

20. placebo.ab.

21. random$.ab.

22. trial.ti.

23. or/27-33

25. exp animals/ not humans.sh.

26. 16 and 24

27. 26 not 25

Constructed using the MEDLINE Ovid platform between January and May 2020, this search strategy is designed to retrieve all potential references in stroke healthcare and medicine (including transient ischaemic attack, cerebral small vessel disease, and subarachnoid haemorrhage) on in the MEDLINE database on the Ovid platform. The search strategy contains 16 (or/1-15) separate search lines and incorporates a combination of Medical Subject Headings (MeSH) from the National Library of Medicine, uncontrolled vocabulary/keywords in the Text
Word (.tw) field, and Boolean operators to maximise sensitivity and recall. The Text Word in the MEDLINE Ovid field includes both the Title (.ti) and Abstract (.ab) fields. This strategy can be used as a stand-alone search strategy or combined with additional subject specific strategies or filters.

The Cochrane Highly Sensitive Search Strategy (CHSSS) for identifying randomised trials (RCTs) in MEDLINE: sensitivity maximising version (2008 revision) (lines or/17-25), as referenced in the Boxes 3.c and 3.d in the Technical Supplement to Chapter 4: Searching for and selecting studies in the Cochrane Handbook for Systematic Reviews of Interventions Version 6.1.0 (updated September 2019) (Lefebvre 2019), has been modified and appended to the above highly sensitive stroke subject search strategy (or/1-16).


**MEDLINE (Ovid) Search strategy from 14 June 2009 (last run on 17 January 2020; discontinued as of 24 May 2020).**

1. cerebrovascular disorders/ or basal ganglia cerebrovascular disease/ or exp brain ischemia/ or exp carotid artery diseases/ or exp cerebral small vessel diseases/ or exp intracranial arterial diseases/ or exp "intracranial embolism and thrombosis"/ or exp intracranial hemorrhages/ or stroke/ or exp brain infarction/ or vasospasm, intracranial/ or exp intracranial arteriovenous malformations/ or vertebral artery dissection/  
2. carotid artery diseases/ or carotid artery thrombosis/ or carotid artery, internal, dissection/ or carotid stenosis/ or exp carotid artery injuries/ or exp intracranial arterial diseases/ or cerebral arterial diseases/ or infarction, anterior cerebral artery/ or infarction, middle cerebral artery/ or infarction, posterior cerebral artery/ 
3. exp carotid arteries/ or endarterectomy, carotid/  
4. *heart septal defects, atrial/ or foramen ovale, patent/  
5. *atrial fibrillation/  
6. (stroke or poststroke or post-stroke or cerebrovasc$ or brain vasc$ or cerebral vasc$ or cva$ or apoplex$ or isch?emi$ attack$ or tia$ or neurologic$ deficit$ or SAH or AVM).tw.  
7. ((brain$ or cerebr$ or cerebell$ or vertebrobasil$ or hemispher$ or intracran$ or intracerebral or infratentorial or supratentorial or middle cerebral artery or MCAS or anterior circulation or posterior circulation or basilar artery or basal ganglia or vertebral artery or space-occupying) adj5 (isch?emi$ or infarct$ or thrombo$ or emboli$ or occlus$ or hypoxi$ or vasospasm or obstruction or vasculopathy)).tw. 
8. ((lacunar or cortical) adj5 infarct$).tw.
The Cochrane Highly Sensitive Search Strategy (CHSSS) for identifying randomised trials (RCTs) in MEDLINE: sensitivity maximising version (2008 revision) (lines or/27-35), as referenced in Chapter 6.4.11.1 and detailed in Box 6.4.c of the Cochrane Handbook for Systematic Reviews of Interventions Version 5.1.0 (updated March 2011) (Lefebvre 2011), has
been modified and appended to the above highly sensitive stroke subject search strategy (or/1-26).

**MEDLINE** (Ovid) Search strategy (discontinued as of 14 June 2009).
1. cerebrovascular disorders/
2. exp basal ganglia cerebrovascular disease/
3. exp brain ischemia/
4. exp carotid artery diseases/
5. stroke/
6. exp brain infarction/
7. exp cerebrovascular trauma/
8. hypoxia-ischemia, brain/
9. exp intracranial arterial diseases/
10. exp intracranial arteriovenous malformations/
11. exp "Intracranial Embolism and Thrombosis"/
12. exp intracranial hemorrhages/
13. vasospasm, intracranial/
14. vertebral artery dissection/
15. aneurysm, ruptured/ and exp brain/
16. brain injuries/
17. brain injury, chronic/
18. exp carotid arteries/
19. endarterectomy, carotid/
20. *heart septal defects, atrial/ or foramen ovale, patent/
21. *atrial fibrillation/
22. (stroke or poststroke or post-stroke or cerebrovasc$ or brain vasc$ or cerebral vasc$ or cva$ or apoplex$ or isch?emi$ attack$ or tia$1 or neurologic$ deficit$ or SAH or AVM).tw.
23. ((brain$ or cerebr$ or cerebell$ or cortical or vertebrobasilar or hemispher$ or intracran$ or intracerebral or infratentorial or supratentorial or MCA or anterior circulation or posterior circulation or basal ganglia) adj5 (isch?emi$ or infarct$ or thrombo$ or emboli$ or occlus$ or hypox$ or vasospasm or obstruction or vasculopathy)).tw.
24. ((lacunar or cortical) adj5 infarct$).tw.
25. ((brain$ or cerebr$ or cerebell$ or intracerebral or intracran$ or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli$ or subarachnoid or putaminal or putamen or posterior fossa) adj5 (haemorrhage$ or hemorrhage$ or haematoma$ or hematoma$ or bleed$)).tw.
26. ((brain or cerebral or intracranial or communicating or giant or basilar or vertebral artery or berry or saccular or ruptured) adj5 aneurysm$).tw.
27. (vertebral artery dissection or cerebral art$ disease$).tw.
28. ((brain or intracranial or basal ganglia or lenticulostriate) adj5 (vascular adj5 (disease$ or disorder or accident or injur$ or trauma$ or insult or event))).tw.
29. ((isch?emic or apoplectic) adj5 (event or events or insult or attack$)).tw.
30. ((cerebral vein or cerebral venous or sinus or sagittal) adj5 thrombo$).tw.
31. (CVDST or CVT).tw.
32. ((intracranial or cerebral art$ or basilar art$ or vertebral art$ or vertebrobasilar or vertebral basilar) adj5 (stenosis or isch?emia or insufficiency or arteriosclero$ or atherosclero$ or occlus$)).tw.
33. ((venous or arteriovenous or brain vasc$) adj5 malformation$).tw.
34. ((brain or cerebral) adj5 (angioma$ or hemangioma$ or haemangioma$)).tw.
35. carotid$.tw.
36. (patent foramen ovale or PFO).tw.
37. ((atrial or atrium or auricular) adj fibrillation).tw.
38. asymptomatic cervical bruit.tw.
39. exp aphasia/ or anomia/ or hemiplegia/ or hemianopsia/ or exp paresis/ or deglutition disorders/ or dysarthria/ or pseudobulbar palsy/ or muscle spasticity/
40. (aphasi$ or apraxi$ or dysphasi$ or dysphagi$ or deglutition disorder$ or swallow$ disorder$ or dysarthri$ or hemipleg$ or hemipar$ or paresis or paretic or hemianop$ or hemineglect or spasticity or anomi$ or dysnomi$ or acquired brain injur$ or hemiball$).tw.
41. ((unilateral or visual or hemispatial or attentional or spatial) adj5 neglect).tw.
42. or/1-41
43. Randomized Controlled Trials as Topic/
44. random allocation/
45. Controlled Clinical Trials as Topic/
46. control groups/
47. clinical trials as topic/ or clinical trials, phase i as topic/ or clinical trials, phase ii as topic/ or clinical trials, phase iii as topic/ or clinical trials, phase iv as topic/
48. Clinical Trials Data Monitoring Committees/
49. double-blind method/
50. single-blind method/
51. Placebos/
52. placebo effect/
53. cross-over studies/
54. Multicenter Studies as Topic/
55. Therapies, Investigational/
56. Drug Evaluation/
57. Research Design/
58. Program Evaluation/
59. evaluation studies as topic/
60. randomized controlled trial.pt.
61. controlled clinical trial.pt.
62. (clinical trial or clinical trial phase i or clinical trial phase ii or clinical trial phase iii or clinical trial phase iv).pt.
63. multicenter study.pt.
64. (evaluation studies or comparative study).pt.
65. meta analysis.pt.
66. meta-analysis as topic/
67. random$.tw.
68. (controlled adj5 (trial$ or stud$)).tw.
69. (clinical$ adj5 trial$).tw.
70. (($control$ or $treatment$ or experiment$ or intervention$) adj5 ($group$ or subject$ or patient$)).tw.
71. ($surgical$ adj5 ($group$ or subject$ or patient$)).tw.
72. ($quasi$-random$ or quasi random$ or pseudo-random$ or pseudo random$).tw.
73. (($control$ or experiment$ or therapeutic$) adj5 (trial$ or stud$)).tw.
74. (($control$ or experiment$ or conservative$) adj5 (treatment or therapy or procedure or manage$)).tw.
75. ($singl$ or dubl$ or tripl$ or trebl$) adj5 (blind$ or mask$)).tw.
76. ($coin$ adj5 (flip or flipped or toss$)).tw.
77. latin square.tw.
78. versus.tw.
79. ($cross$-over or cross over or crossover).tw.
80. placebo$.tw.
81. sham.tw.
82. ($assign$ or alternate or allocat$ or counterbalance$ or multiple baseline).tw.
83. controls.tw.
84. ($treatment$ adj6 order).tw.
85. ($meta-analy$ or metaanaly$ or meta analy$ or systematic review or systematic overview).tw.
86. or/43-85
87. 42 and 86
88. 87 not exp animals/
89. 87 and humans/
90. 88 or 89

MEDLINE (Ovid) 1950 to March 2010 (Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R))
Searched 25 May 2020
Search for retracted publications
Master MEDLINE search strategy (above) minus RCT filter combined with the search statement:
1. (retracted publication or "retraction of publication").pt.

All reference files retrieved from Embase searches contributing to Cochrane Systematic Review searches are screened for new trials and references. The original Embase search strategy was discontinued on 14 June 2009. It was revised and reinstated as of 6 June 2016 and the intervening years have been retroactively searched. The search was further revised to account for additions and changes to the Emtree controlled vocabulary and newly identified relevant uncontrolled terms.
1. cerebrovascular disease/ or exp cerebrovascular accident/ or exp cerebrovascular malformation/ or exp basal ganglion haemorrhage/ or exp brain hemorrhage/ or exp brain infarction/ or exp brain ischemia/ or cerebral artery disease/ or exp carotid artery disease/ or brain atherosclerosis/ or exp stroke patient/ or stroke rehabilitation/ or exp intracranial
aneurysm/ or occlusive cerebrovascular disease/ or basilar artery obstruction/ or exp cerebral
sinus thrombosis/ or middle cerebral artery occlusion/ or vertebral artery stenosis/ or ocular
ischemic syndrome/ or vertebrobasilar insufficiency/ or exp carotid artery/ or carotid artery
surgery/ or carotid endarterectomy/
2. stroke patient/ or stroke unit/ or stroke rehabilitation/
3. (stroke adj3 (survivor$ or patient$ or unit$ or rehabilitat$ or suffer$ or carer$ or caregiver$ or
care-giver$ or burden or burnout)).tw
4. (stroke or poststroke or post-stroke or cerebrovasc$ or (cerebr$ adj3 vasc$) or CVAS$ or
apoplectic or apoplex$ or (transient adj3 isch?emic adj3 attack) or tia$ or SAH or AVM or
(cerebral small vessel adj3 (disease))).tw
5. ((cerebr$ or cerebell$ or arteriovenous or vertebrobasil$ or interhemispheric or hemispher$ or
infracran$ or intracerebral or infratentorial or supratentorial or MCAS$ or ((anterior or posterior)
adj3 circulat$) or lenticulostriate or ((basilar or brachial or verteb$) adj3 arter$)) adj3 (disease
or damage$ or disorder$ or disturbance or dissection or lesion or syndrome or arrest or accident
or lesion or vasculopathy or insult or attack or injury or insufficiency or malformation or
obstruct$ or anomal$)).tw
6. ((cerebr$ or cerebell$ or vertebrobasil$ or interhemispheric or hemispher$ or intracran$ or
corpus callosum or intracerebral or intracortical or intraventricular or periventricular or posterior
fossa or infratentorial or supratentorial or MCAS$ or ((anterior or posterior) adj3 circulation) or
basal ganglia or ((basilar or brachial or verteb$) adj3 arter$) or space-occupying or brain
ventricle$ or subarachnoid$ or arachnoid$) adj3 (h?emorrhage or h?ematoma or bleed$ or
microh?emorrhage or microbleed or (encephalorrhagia or hematencephal$))).tw.
7. ((subdural or subepidural) adj3 (h?ematomas$ or h?emorrhage or bleed$) or (h?emorrhag$ adj3
pachymeningi$)).tw
8. ((cerebr$ or cerebell$ or arteriovenous or vertebrobasil$ or interhemispheric or hemispher$ or
infracran$ or corpus callosum or intracerebral or intracortical or intraventricular or periventricular or
posterior fossa or infratentorial or supratentorial or MCAS$ or ((anterior or posterior) adj3 circulation) or
basal ganglia or ((basilar or brachial or verteb$) adj3 arter$) or space-occupying or brain
ventricle$ or lacunar or cortical or ocular) adj3 (isch?emi$ or infarc$ or thrombo$ or emboli$ or occlus$ or hypoxi$ or vasospasm or obstruct$ or vasoconstri$)).tw
9. (isch?emi adj3 encephalopathy).tw
10. ((carotid or cerebr$ or cerebell$ or intracranial or basilar or brachial or verteb$) adj3
(aneurysm or malformation$ or dysplasia or disease or bru$ or injur$ or obstruct$ or occlusion
or constriction or presclerosis or scleros$ or stenos$ or atherosclero$ or arteriosclero$ or
plaque$ or thrombo$ or emboli$ or arteriopathy$)).tw
11. ((moyamoya or moy a moy a) adj3 (disease or syndrome)).tw
12. ((brain or cerebr$ or intracranial or ((basilar or brachial or verteb$) adj3 arter$) or berry or
saccular) adj3 aneurysm$)
13. patent foramen ovale/
14. (((patent or persistent) adj3 foramen ovale) or PFO).tw
15. aphasia/ or dysphasia/ or exp dysarthria/ or apraxia/ or gait apraxia/ or apraxia of speech/ or
hemiparesis/ or hemiplegia/ or hemiplegic gait/ or paresis/ or spastic paresis/ or hemianopia/
16. (aphasi$ or apraxi$ or dysphasi$ or dysphagi$ or dysphras$ or dysgrammatism or paraph$a
or ((deglutition or swallow$) adj3 disorder$) or dysarthri$ or anarthria$ or hemiple$ or
hemipa$ or paresis or paretic or hemianop$ or hemineglect or anom$ or dysnomi$ or
hemiball$ or ((unilateral or visual or hemispatial or attentional or spatial) adj3 neglect$)).tw.
17. or/1-16
18. exp randomized controlled trial/ or "randomized controlled trial (topic)"
19. randomization/
20. controlled clinical trial/ or "controlled clinical trial (topic)"
21. placebo/ or placebo effect/
22. phase 1 clinical trial/ or phase 2 clinical trial/ or phase 3 clinical trial/ or phase 4 clinical trial/ or clinical trial protocol/
23. control group/ or crossover procedure/ or double blind procedure/ or single blind procedure/ or triple blind procedure/
24. (random$ or RCT or RCTs).tw.
25. (controlled adj5 (trial$ or stud$)).tw.
27. ((control or treatment or experiment$ or intervention) adj5 (group$ or subject$ or patient$)).tw.
28. (quasi-random$ or quasi random$ or pseudo-random$ or pseudo random$).tw.
29. ((control or experiment$ or conservative) adj5 (treatment or therapy or procedure or manage$)).tw.
30. ((singl$ or doubl$ or tripl$ or trebl$) adj5 (blind$ or mask$)).tw.
31. (cross-over or cross over or crossover).tw.
32. (placebo$ or sham).tw.
33. trial.ti.
34. (assign$ or allocat$).tw.
35. controls.tw.
36. or/18-35
37. (exp animal/ or animal.hw. or nonhuman/) not (exp human/ or human cell/ or (human or humans).ti.)
38. 17 and 36
39. 38 not 37

**Embase (Ovid)** Search strategy from 14 June 2009 (last run on 17 January 2020; discontinued as of 24 May 2020).

1. cerebrovascular disease/ or brain disease/ or exp basal ganglion hemorrhage/ or exp brain hemangioma/ or exp brain hematoma/ or exp brain hemorrhage/ or exp brain infarction/ or exp brain ischemia/ or exp cerebral artery disease/ or exp cerebrovascular accident/ or exp cerebrovascular malformation/ or exp intracranial aneurysm/ or exp occlusive cerebrovascular disease/ or exp vertebrobasilar insufficiency/
2. brain infarction/ or brain infarction size/ or brain stem infarction/ or cerebellum infarction/
3. exp carotid artery disease/ or exp carotid artery/ or exp carotid artery surgery/ or carotid endarterectomy/ or carotid artery thrombosis/ or carotid artery bruit/ or exp carotid artery obstruction/ or exp carotid atherosclerosis/
4. *heart atrium septum defect/ or heart foramen ovale/
5. exp atrial fibrillation/
6. paradoxical embolism/
7. exp aphasia/ or hemiplegia/ or hemiparesis/ or paresis/ or spastic paresis/ or pseudobulbar palsy/ or hemianopia/ or homonymous hemianopia/ or dysphagia/ or dysarthria/ or dysphasia/ or spasticity/ or apraxia/ or dyspraxia/ or hemiballism/
8. (stroke or poststroke or post-stroke or cerebrovascular or brain vascular or cerebral vascular or cvas or apoplectic or ischaemic or attack or tia or neurologic deficit or SAH or AVM).tw.
9. (brain or cerebrovascular or cerebral or cerebellar or vertebrobasilar or hemispheric or intracranial or intracerebral or infratentorial or supratentorial or middle cerebral artery or MCAS or anterior circulation or posterior circulation or basilar artery or basal ganglia or vertebrovascular or space-occupying or ischaemic or infarction or thrombus or embolism or occlusion or hypoxia or vasospasm or obstruction or vasculopathy).tw.
10. ((lacunar or cortical) adj5 infarction).tw.
11. ((brain or cerebrovascular or cerebellar or vertebrobasilar or hemispheric or intracranial or intracerebral or infratentorial or supratentorial or basal ganglia or putaminal or putamen or posterior fossa or hemispheric or subarachnoid) adj5 (haemorrhage or hæmatoma or bleed)).tw.
12. ((brain or cerebrovascular or intracranial or communicating or giant or basilar or vertebral artery or berry or saccular or ruptured) adj5 aneurysm).tw.
13. (vertebral artery dissection or cerebral artery disease).tw.
14. ((brain or intracranial or basal ganglia or lenticulostriate) adj5 (vascular adj5 (disease or disorder or accident or injury or trauma or insult or event))).tw.
15. ((ischaemic or apoplectic) adj5 (stroke or apoplectic or cerebral vascular or cerebrovascular or cva or attack)).tw.
16. ((cerebral or intracranial or communicating or giant or basilar or vertebral artery or berry or saccular or ruptured) adj5 aneurysm).tw.
17. (CVDST or CVT).tw.
18. ((intracranial or cerebral artery or basilar artery or vertebral artery or vertebrobasilar or vertebral basilar) adj5 (stenosis or ischaemia or insufficiency or arteriosclerosis or atherosclerosis or occlusion)).tw.
19. ((venous or arteriovenous or brain vascular) adj5 malformation).tw.
20. ((brain or cerebral) adj5 (angioma or hemangioma or hæmangioma)).tw.
21. (carotid adj5 (stenosis or thrombus or disease or artery or atherosclerosis or atheroma or narrow or plaque or occlusion or occlud or constrict or embolism or block)).tw.
22. (patent foramen ovale or PFO).tw.
23. ((atrial or atrium or auricular) adj3 fibrillation).tw.
24. asymptomatic cervical bruit.tw.
25. exp aphasia or hemianopia or hemiplegia or hemiplegic gait or paresis or dysphagia or dysphasia or exp dysarthria or pseudobulbar palsy or spasticity or exp neurologic gait disorder.
26. (aphasia or apraxia or dysphasia or dysphagia or deglutition disorder or swallow disorder or dysarthria or hemiplegia or hemiparesis or paresis or paretic or hemianopia or hemineglect or spasticity or anoma or dysnomia or acquired brain injury or hæmiballotomy).tw.
27. ((unilateral or visual or hemispatial or attentional or spatial) adj5 neglect).tw.
28. or/1-27
29. Randomized Controlled Trial or "randomized controlled trial (topic)"/
30. Randomization/
31. Controlled clinical trial or "controlled clinical trial (topic)"/
32. control group or controlled study/
33. clinical trial or "clinical trial (topic)" or phase 1 clinical trial or phase 2 clinical trial or phase 3 clinical trial or phase 4 clinical trial/
34. Crossover Procedure/
35. Double Blind Procedure/
36. Single Blind Procedure/ or triple blind procedure/
37. placebo/ or placebo effect/
38. (random$ or RCT or RCTs).tw.
39. (controlled adj5 (trial$ or stud$)).tw.
40. (clinical$ adj5 trial$).tw.
41. ((control or treatment or experiment$ or intervention) adj5 (group$ or subject$ or patient$)).tw.
42. (quasi-random$ or quasi random$ or pseudo-random$ or pseudo random$).tw.
43. ((control or experiment$ or conservative) adj5 (treatment or therapy or procedure or manage$)).tw.
44. ((singl$ or doubl$ or tripl$ or trebl$) adj5 (blind$ or mask$)).tw.
45. (cross-over or cross over or crossover).tw.
46. (placebo$ or sham).tw.
47. trial.ti.
48. (assign$ or allocat$).tw.
49. controls.tw.
50. or/29-49
51. (exp animal/ or animal.hw. or nonhuman/) not (exp human/ or human cell/ or (human or humans).ti.)
52. 28 and 50
53. 52 not 51

The above highly sensitive subject search strategy (or/1-27) was linked to adapted version of the Cochrane Embase Project filter for identifying RCTs in Embase Ovid (see www.cochranelibrary.com/help/central-creation-details.html for information) (or/29-51).

EMBASE (Ovid) Search strategy discontinued as of 14 June 2009
1. Cerebrovascular Disease/
2. Basal Ganglion Hemorrhage/
3. cerebral artery disease/
4. Cerebrovascular Accident/
5. stroke/
6. stroke patient/ or stroke unit/
7. Vertebrobasilar Insufficiency/
8. exp Carotid Artery Disease/
9. exp Brain Hemangioma/
10. exp Brain Hematoma/
11. exp Brain Hemorrhage/
12. brain infarction/ or brain infarction size/ or brain stem infarction/ or cerebellum infarction/
13. exp Brain Ischemia/
14. exp Cerebrovascular Malformation/
15. exp intracranial aneurysm/
16. exp occlusive cerebrovascular disease/
17. brain injury/
18. brain stem injury/ or artery dissection/
19. cerebellum injury/
20. exp carotid artery/
21. exp carotid artery surgery/
22. carotid endarterectomy/
23. *heart atrium septum defect/ or heart foramen ovale/
24. *heart atrium fibrillation/
25. paradoxical embolism/
26. exp apasia/ or hemiplegia/ or hemiparesis/ or paresis/ or spastic paresis/ or pseudobulbar palsy/ or hemianopia/ or homonymous hemianopia/ or dysphagia/ or dysarthria/ or dysphasia/ or spasticity/ or apraxia/ or dyspraxia/ or hemiballism/
27. (stroke or poststroke or post-stroke or cerebrovasc$ or brain vasc$ or cerebral vasc$ or cva$ or apoplex$ or isch?emi$ attack$ or tia$1 or neurologic$ deficit$ or SAH or AVM).tw.
28. ((brain$ or cerebr$ or cerebell$ or cortical or vertebrobasilar or hemispher$ or intracran$ or intracerebral or infratentorial or supratentorial or MCA or anterior circulation or posterior circulation or basal ganglia) adj5 (isch?emi$ or infarct$ or thrombo$ or emboli$ or occlus$ or hypox$ or vasospasm or obstruction or vasculopathy)).tw.
29. ((lacunar or cortical) adj5 infarct$).tw.
30. ((brain$ or cerebr$ or cerebell$ or intracerebral or intracran$ or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli$ or subarachnoid or putaminal or putamen or posterior fossa) adj5 (haemorrhage$ or hemorrhage$ or hematoma$ or hemoma$ or bleed$)).tw.
31. ((brain or cerebral or intracranial or communicating or giant or basilar or vertebral artery or berry or saccular or ruptured) adj5 aneurysm$).tw.
32. (vertebral artery dissection or cerebral art$ disease$).tw.
33. ((brain or intracranial or basal ganglia or lenticulostriate) adj5 (vascular adj5 (disease$ or disorder or accident or injur$ or trauma$ or insult or event))).tw.
34. ((isch?emic or apoplectic) adj5 (event or events or insult or attack$)).tw.
35. ((cerebral vein or cerebral venous or sinus or sagittal) adj5 thrombo$).tw.
36. (CVDST or CVT).tw.
37. ((intracranial or cerebral art$ or basilar art$ or vertebral art$ or vertebrobasilar or vertebral basilar) adj5 (stenosis or isch?emia or insufficiency or arteriosclero$ or atherosclero$ or occlus$)).tw.
38. ((venous or arteriovenous or brain vasc$) adj5 malformation$).tw.
39. ((brain or cerebral) adj5 (angioma$ or hemangioma$ or haemangioma$)).tw.
40. carotid$.hw.
41. (patent foramen ovale or PFO).tw.
42. ((atrial or atrium or auricular) adj fibrillation).tw.
43. asymptomatic cervical bruit.tw.
44. (aphasi$ or apraxi$ or dysphasi$ or dysphagi$ or deglutition disorder$ or swallow$ disorder$ or dysarthri$ or hemipleg$ or hemipar$ or paresis or paretic or hemianop$ or hemineglect or spasticity or anomi$ or dysnomi$ or acquired brain injur$ or hemiball$).tw.
45. ((unilateral or visual or hemispatial or attentional or spatial) adj5 neglect).tw.
46. or/1-45
47. Randomized Controlled Trial/
48. Randomization/
49. Controlled Study/
50. control group/
51. clinical trial/ or phase 1 clinical trial/ or phase 2 clinical trial/ or phase 3 clinical trial/ or phase 4 clinical trial/ or controlled clinical trial/
52. Crossover Procedure/
53. Double Blind Procedure/
54. Single Blind Procedure/ or triple blind procedure/
55. latin square design/
56. Parallel Design/
57. placebo/
58. Multicenter Study/
59. experimental design/ or experimental study/ or quasi experimental study/
60. experimental therapy/
61. drug comparison/ or drug dose comparison/
62. drug screening/
63. EVALUATION/ or "EVALUATION AND FOLLOW UP"/ or evaluation research/ or clinical evaluation/
64. METHODOLOGY/
65. "types of study"/
66. research subject/
67. Comparative Study/
68. "systematic review"/
69. Meta Analysis/
70. random$.tw.
71. (controlled adj5 (trial$ or stud$)).tw.
72. (clinical$ adj5 trial$).tw.
73. ((control or treatment or experiment$ or intervention) adj5 (group$ or subject$ or patient$)).tw.
74. (surgical adj5 (group$ or subject$ or patient$)).tw.
75. (quasi-random$ or quasi random$ or pseudo-random$ or pseudo random$).tw.
76. ((multicenter or multicentre or therapeutic) adj5 (trial$ or stud$)).tw.
77. ((control or experiment$ or conservative) adj5 (treatment or therapy or procedure or manage$)).tw.
78. ((singl$ or doubl$ or tripl$ or trebl$) adj5 (blind$ or mask$)).tw.
79. (coin adj5 (flip or flipped or toss$)).tw.
80. latin square.tw.
81. versus.tw.
82. (cross-over or cross over or crossover).tw.
83. placebo$.tw.
84. sham.tw.
85. (assign$ or alternate or allocat$ or counterbalance$ or multiple baseline).tw.
86. controls.tw.
87. (treatment$ adj6 order).tw.
88. (meta-analy$ or metaanaly$ or meta analy$ or systematic review or systematic overview).tw.
89. or/47-88
90. Human/
91. Nonhuman/
92. 90 and 91
93. 91 not 92
94. 89 not 93
95. 46 and 94

EMBASE (Ovid) 1980 to March 2010
Search 7 April 2010
Search for retracted publications
Master EMBASE search strategy (above) combined with the search statement:
1. retracted article/

Academic Search Premier and Health Source: Nursing/Academic Edition (EBSCO)
Last searched 3 May 2002
S1 stroke* or poststroke* or cva*.
S2 cerebrovascular* or cerebral vascular.
S3 cerebral or cerebellar or brainstem or vertebrobasilar.
S4 infarct* or isch?emi* or thrombo* or apoplexy or emboli*.
S5 S3 and S4
S6 carotid*.
S7 cerebral or intracerebral or intracranial or parenchymal.
S8 brain or intraventricular or brainstem or cerebellar.
S9 infratentorial or supratentorial or subarachnoid.
S10 S7 or S8 or S9
S11 haemorrhage or hemorrhage or haematoma or hematoma or bleeding or aneurysm.
S12 S10 and S11
S13 transient isch?emi*.
S14 aphasi* or dysphasi* or dysphagi* or hemianop* or hemiplegi* or hemipar* or aprax*.
S15 S1 or S2 or S5 or S6 or S12 or S13 or S14
S16 random* or placebo* or double-blind or single-blind
S17 controls or controlled study or trial
S18 S16 or S17
S19 S15 and S18

1. cerebrovascular disorders/ or cerebral hemorrhage/ or cerebral infarction/ or cerebral ischemia/ or cerebrovascular accident/
2. hemiplegia/
3. anemia sickle cell/
4. aneurysm/
5. aphasia/
6. apraxia/
7. arterial occlusive disease/
8. exp arrhythmia/
9. brain injuries/
10. carotid arteries/
11. deglutition disorders/
12. dysarthria/
13. geriatrics/
14. language disorders/
15. muscle spasticity/
16. neurologic manifestations/
17. neurosurgery/
18. nutrition disorders/
19. shoulder dislocation/ or shoulder pain/
20. speech disorders/
21. speech language pathology/
22. (stroke or poststroke or post-stroke or cerebrovasc$ or brain vasc$ or cerebral vasc$ or cva$ or apoplex$ or isch?emi$ attack$ or tia$1 or neurologic$ deficit$ or SAH or AVM).tw.
23. ((brain$ or cerebr$ or cerebell$ or cortical or vertebrobasilar or hemispher$ or intracran$ or intracerebral or infratentorial or supratentorial or MCA or anterior circulation or posterior circulation or basal ganglia) adj5 (isch?emi$ or infarct$ or thrombo$ or emboli$ or occlus$ or hypox$ or vasospasm or obstruction or vasculopathy)).tw.
24. ((lacunar or cortical) adj5 infarct$).tw.
25. ((brain$ or cerebr$ or cerebell$ or intracerebral or intracran$ or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli$ or subarachnoid or putaminal or putamen or posterior fossa) adj5 (haemorrhage$ or hemorrhage$ or haematoma$ or hematoma$ or bleed$)).tw.
26. ((brain or cerebral or intracranial or communicating or giant or basilar or vertebral artery or berry or saccular or ruptured) adj5 aneurysm$).tw.
27. (vertebral artery dissection or cerebral art$ disease$).tw.
28. ((brain or intracranial or basal ganglia or lenticulostriate) adj5 (vascular adj5 (disease$ or disorder or accident or injur$ or trauma$ or insult or event))).tw.
29. ((isch?emic or apoplectic) adj5 (event or events or insult or attack$)).tw.
30. ((cerebral vein or cerebral venous or sinus or sagittal) adj5 thrombo$).tw.
31. (CVDST or CVT).tw.
32. ((intracranial or cerebral art$ or basilar art$ or vertebral art$ or vertebrobasilar or vertebral basilar) adj5 (stenosis or isch?emia or insufficiency or arteriosclero$ or atherosclero$ or occlus$)).tw.
33. ((venous or arteriovenous or brain vasc$) adj5 malformation$).tw.
34. ((brain or cerebral) adj5 (angioma$ or hemangioma$ or haemangioma$)).tw.
35. carotid$.tw.
36. (patent foramen ovale or PFO).tw.
37. ((atrial or atrium or auricular) adj fibrillation).tw.
38. asymptomatic cervical bruit.tw.
39. (aphasi$ or apraxi$ or dysphasi$ or dysphagi$ or deglutition disorder$ or swallow$ disorder$ or dysarthri$ or hemipleg$ or hemipar$ or paresis or paretic or hemianop$ or hemineglect or spasticity or anomi$ or dysnomi$ or acquired brain injur$ or hemiball$).tw.
40. ((unilateral or visual or hemispatial or attentional or spatial) adj5 neglect).tw.
41. or/1-40
42. research design/
Antithrombotic Trialists' Collaboration (ATT) Trials Register. Last searched June 1998

Searched for all trials with the following trial codes:

ACS: asymptomatic carotid stenosis
AF: atrial fibrillation
AS: acute (presumed ischaemic) stroke
CE: carotid endarterectomy
HRMIS: high risk miscellaneous
MIX: mixed high risk
TIA: transient ischaemic attack/prior (presumed ischaemic) stroke

**BIOSIS** (STN) 1969 to December 2003. Last searched 30 December 2003

- **S cerebrovascular/bi**
- **S (stroke£ or cerebrovascular)/bi**
- **S (cerebral or cerebellar or brainstem or vertebrobasilar)/bi**
- **S (infarct? or ischemi£ or ischaemi£ or thrombo? or emboli?)/bi**
- **S L3 and L4**
- **S carotid?/bi**
- **S (cerebral or intracerebral or intracranial or parenchymal or brain or intraventricular or brainstem or cerebellar or intratentorial or infratentorial or supratentorial or subarachnoid)/bi**
- **S (hemorrhag? or haemorrhag? or hematoma? or haematoma? or bleeding or aneurysm£)/bi**
- **S L7 and L8**
- **S thrombo?/bi**
- **S intracranial/bi or venous (5A) sinus?/bi or sagittal (5A) venous/bi or sagittal vein£/bi**
- **S L10 and L11**
- **S transient ischём? attack£/bi or transient ischaem? attack£/bi**
- **S reversible ischём? neurologic? deficit/bi or reversible ischaem? neurologic? deficit/bi**
- **S (venous malformation£ or arteriovenous malformation£)/bi**
- **S L7 and L15**
- **S (aphasi? or dysphasi? or hemianop? or hemipleg? or hemipar?)/bi**
- **S L1 or L2 or L5 or L6 or L9 or L12 or L13 or L14 or L16 or L17**
- **S brain vasospasm/bi**
- **S hypophysis apoplexy/bi**
- **S Melas syndrome/bi**
- **S Wallenberg syndrome/bi**
- **S Moyamoya/bi**
- **S brain hemangioma/bi**
- **S sturge weber syndrome/bi**
- **S vertebrobasilar insufficiency/bi**
- **S brain arteriovenous malformation/bi**
- **S cerebral artery occlusion/bi**
- **S Sneddon syndrome/bi**
- **S vertebral artery stenosis/bi**
- **S anoma/bi**
- **S landau kleffner syndrome/bi**
- **S L18 or L19 or L20 or L21 or L22 or L23 or L24 or L25 or L26 or L27 or L28 or L29 or L30 or L31 or L32**
- **S (random? or placebo£ or control? or trial£)/bi**
- **S (singl? or doubl? or tripl? or trebl?)(s)(blind? or mask?)/bi**
- **S (multicent? or meta-analysis or crossover or cross-over or double-blind or single-blind or drug comparison or clinical study)/bi**
- **S (phase 2 or phase II or phase 3 or phase III or phase IV or phase 4) (s) trial£/bi**
- **S L34 or L35 or L36 or L37**
- **S L33 and L38**
- **S L39 and human/bc**
BIOSIS Archives (Ovid) 1926 to 1969. Searched 16 April 2007
1. (stroke or poststroke or post-stroke or cerebrovasc$ or brain vasc$ or cerebral vasc$ or cva$ or apoplex$ or isch?emi$ attack$ or tia$1 or neurologic$ deficit$ or SAH or AVM).tw.
2. ((brain$ or cerebr$ or cerebell$ or cortical or vertebrobasilar or hemispher$ or intracran$ or intracerebral or infratentorial or supratentorial or MCA or anterior circulation or posterior circulation or basal ganglia) adj10 (isch?emi$ or infarct$ or thrombo$ or emboli$ or occlus$ or hypox$ or vasospasm or obstruction or vasculopathy)).tw.
3. ((lacunar or cortical) adj5 infarct$).tw.
4. ((brain$ or cerebr$ or cerebell$ or intracerebral or intracran$ or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli$ or subarachnoid or putaminal or putamen or posterior fossa) adj10 (haemorrhage$ or hemorrhage$ or hematoma$ or hematoma$ or bleed$)).tw.
5. ((brain or cerebral or intracranial or communicating or giant or basilar or vertebral artery or berry or saccular or ruptured) adj10 aneurysm$).tw.
6. (vertebral artery dissection or cerebral art$ disease$).tw.
7. ((brain or intracranial or basal ganglia or lenticulostriate) adj10 (vascular adj5 (disease$ or disorder or accident or injur$ or trauma$ or insult or event))).tw.
8. ((isch?emic or apoplectic) adj5 (event or events or insult or attack$)).tw.
9. ((cerebral vein or cerebral venous or sinus or sagittal) adj5 thrombo$).tw.
10. (CVDST or CVT).tw.
11. ((intracranial or cerebral art$ or basilar art$ or vertebral art$ or vertebrobasilar or vertebrobasilar or vertebrobasilar) adj5 (stenosis or isch?emia or insufficiency or arteriosclero$ or atherosclero$ or occlus$)).tw.
12. ((venous or arteriovenous or brain vasc$) adj5 malformation$).tw.
13. ((brain or cerebral) adj5 (angioma$ or hemangioma$ or haemangioma$)).tw.
14. carotid$.tw.
15. (patent foramen ovale or PFO).tw.
16. ((atrial or atrium or auricular) adj fibrillation).tw.
17. asymptomatic cervical bruit.tw.
18. (aphasi$ or apraxi$ or dysphasi$ or dysphagi$ or deglutition disorder$ or swallow$ disorder$ or dysarthri$ or hemipleg$ or hemipar$ or paresis or paretic or hemianop$ or hemineglect or spasticity or anomi$ or dysnomi$ or acquired brain injur$ or hemiball$).tw.
19. ((unilateral or visual or hemispatial or attentional or spatial) adj10 neglect).tw.
20. or/1-19
21. random$.tw.
22. (controlled adj5 (trial$ or stud$)).tw.
23. (clinical$ adj5 trial$).tw.
24. (((control or treatment or experiment$ or intervention) adj5 (group$ or subject$ or patient$))).tw.
25. (surgical adj5 group$).tw.
26. (quasi-random$ or quasi random$ or pseudo-random$ or pseudo random$).tw.
27. ((multicenter or multicentre or therapeutic) adj5 (trial$ or stud$)).tw.
28. ((control or experiment$ or conservative) adj5 (treatment or therapy or procedure or manage$)).tw.
29. ((singl$ or doubl$ or tripl$ or trebl$) adj5 (blind$ or mask$)).tw.
30. (coin adj5 (flip or flipped or toss$)).tw.
31. latin square.tw.
32. versus.tw.
33. (cross-over or cross over or crossover).tw.
34. placebo$.tw.
35. sham.tw.
36. (assign$ or alternate or allocat$ or counterbalance$ or multiple baseline).tw.
37. controls.tw.
38. (treatment$ adj6 order).tw.
39. or/21-38
40. 20 and 39
41. limit 40 to human

**British Nursing Index** (Ovid) 1985 to November 2009. Last searched 24 November 2009. No longer available.

1. stroke/ or stroke rehabilitation/ or stroke services/
2. (stroke or poststroke or post-stroke or cerebrovasc$ or brain vasc$ or cerebral vasc$ or cva$ or apoplex$ or SAH).tw.
3. ((brain$ or cerebr$ or cerebell$ or intracran$ or intracerebral) adj5 (isch?emi$ or infarct$ or thrombo$ or emboli$ or occlus$)).tw.
4. ((brain$ or cerebr$ or cerebell$ or intracerebral or intracranial or subarachnoid) adj5 (haemorrhage$ or hemorrhage$ or haematoma$ or hematoma$ or bleed$)).tw.
5. (aphasi$ or apraxi$ or dysphasi$ or dysphagi$ or deglutition disorder$ or swallow$ disorder$ or dysarthri$ or hemipleg$ or hemipar$ or paresis or paretic or hemianop$ or hemineglect or spasticity or anomi$ or dysnomi$ or acquired brain injur$ or hemiball$).tw
6. 1 or 2 or 3 or 4 or 5
7. random$.tw.
8. (((singl$ or doubl$ or tripl$ or trebl$) adj25 (blind$ or mask$)).tw.
9. (cross?over or placebo$ or control$ or factorial or sham?).tw.
10. (((clin$ or intervention$ or compar$ or experiment$ or preventive or therapeutic) adj10 trial$)).tw.
11. (counterbalance$ or multiple baseline$ or ABAB design$).tw.
12. (meta?analys$ or systematic review$).tw.
13. "research and development"/ or evidence based practice/ or research methods/
14. 7 or 8 or 9 or 10 or 11 or 12 or 13
15. 6 and 14

**CINAHL (EBSCO)** (Cumulative Index to Nursing and Allied Health Literature; from 1982)

Last searched: Ongoing.

Searched on a monthly/ quarterly basis. Reinstated on 4 June 2016 and comprehensively revised between January and May 2020 to account for newly identified relevant terms. Intervening years since cessation of previous CINAHL (Ovid) search (see below: Last searched 18 December 2008) have been retroactively searched.

S1(MH "Cerebrovascular Disorders") OR (MH "Basal Ganglia Cerebrovascular Disease+") OR (MH "Carotid Artery Diseases") OR (MH "Carotid Artery Dissections") OR (MH "Carotid
Artery Thrombosis") OR (MH "Carotid Stenosis") OR (MH "Cerebral Ischemia") OR (MH "Cerebral Ischemia, Transient") OR (MH "Cerebral Small Vessel Diseases") OR (MH "Cerebral Vasospasm") OR (MH "Cerebral Arterial Diseases") OR (MH "Cerebral Aneurysm") OR (MH "Intracranial Arterial Diseases") OR (MH "Cerebral Arterial Diseases") OR (MH "Intracranial Arteriosclerosis") OR (MH "Intracranial Embolism and Thrombosis") OR (MH "Intracranial Thrombosis") OR (MH "Intracranial Hemorrhage") OR (MH "Stroke") OR (MH "Vertebral Artery Dissections")

S2 TI (stroke or poststroke or post-stroke or cerebrovasc* or (cerebr* N3 vasc*) or CVA* or apoplectic or apoplex* or (transient N3 isch?emic N3 attack) or tia* or SAH or AVM or (cerebral small vessel N3 (disease))) OR AB (stroke or poststroke or post-stroke or cerebrovasc* or (cerebr* N3 vasc*) or CVA* or apoplectic or apoplex* or (transient N3 isch?emic N3 attack) or tia* or SAH or AVM or (cerebral small vessel N3 (disease)))

S3 TI ((cerebr* or cerebell* or arteriovenous or vertebrobasil* or interhemispheric or hemispher* or intracran* or intracerebral or infratentorial or supratentorial or MCA* or ((anterior or posterior) N3 circulat*) or lenticulostriate or ((basilar or brachial or vertebr*) N3 arter*)) N3 (disease or damage* or disorder* or disturbance or dissection or lesion or syndrome or arrest or accident or lesion or vasculopathy or insult or attack or injury or insufficiency or malformation or obstruct* or anomal*)) OR AB ((cerebr* or cerebell* or arteriovenous or vertebrobasil* or interhemispheric or hemispher* or intracran* or intracerebral or infratentorial or supratentorial or MCA* or ((anterior or posterior) N3 circulat*) or lenticulostriate or ((basilar or brachial or vertebr*) N3 arter*)) N3 (disease or damage* or disorder* or disturbance or dissection or lesion or syndrome or arrest or accident or lesion or vasculopathy or insult or attack or injury or insufficiency or malformation or obstruct* or anomal*))

S4 TI ((cerebr* or cerebell* or vertebrobasil* or interhemispheric or hemispher* or intracran* or corpus callosum or intracerebral or intracortical or intraventricular or periventricular or posterior fossa or infratentorial or supratentorial or MCA* or ((anterior or posterior) N3 circulation) or basal ganglia or ((basilar or brachial or vertebr*) N3 arter*) or space-occupying or brain ventricle* or subarachnoid* or arachnoid*)) N3 (h?emorrhage or h?ematoma or bleed* or microh?emorrhage or microbleed or (encephalorrhagia or hematencephal*))) OR AB ((cerebr* or cerebell* or vertebrobasil* or interhemispheric or hemispher* or intracran* or corpus callosum or intracerebral or intracortical or intraventricular or periventricular or posterior fossa or infratentorial or supratentorial or MCA* or ((anterior or posterior) N3 circulation) or basal ganglia or ((basilar or brachial or vertebr*) N3 arter*) or space-occupying or brain ventricle* or subarachnoid* or arachnoid*)) N3 (h?emorrhage or h?ematoma or bleed* or microh?emorrhage or microbleed or (encephalorrhagia or hematencephal*)))

S5 TI ((subdural or subepidural) N3 (h?ematoma* or h?emorrhage or bleed*) or (h?emorrhag* N3 pachymeningi*)) OR AB ((subdural or subepidural) N3 (h?ematoma* or h?emorrhage or bleed*) or (h?emorrhag* N3 pachymeningi*))

S6 TI ((cerebr* or cerebell* or arteriovenous or vertebrobasil* or interhemispheric or hemispher* or intracran* or corpus callosum or intracerebral or intracortical or intraventricular or periventricular or posterior fossa or infratentorial or supratentorial or MCA* or ((anterior or posterior) N3 circulation) or basal ganglia or ((basilar or brachial or vertebr*) N3 arter*) or space-occupying or brain ventricle* or lacunar or cortical or ocular) N3 (isch?emi* or infarct* or thrombo* or emboli* or occlus* or hypoxi* or vasospasm or obstruct* or vasoconstrict*)) OR AB ((cerebr* or cerebell* or arteriovenous or vertebrobasil* or interhemispheric or hemispher* or intracran* or corpus callosum or intracerebral or intracortical or intraventricular or
CINAHL (Ovid) 1982 to December (Week 2) 2008. Last searched 18 December 2008.
1. cerebrovascular disorders/ or exp carotid artery diseases/ or cerebral aneurysm/ or "cerebral embolism and thrombosis"/ or exp cerebral ischemia/ or cerebral vascular accident/ or cerebral vasospasm/ or exp intracranial hemorrhage/ or vertebral artery dissections/ or stroke patients/ or stroke units/
2. stroke$.tw.
3. cva$.tw.
4. cerebrovasc$.tw.
5. cerebral vascular$.tw.
6. (cerebral or cerebellar or brain$ or vertebrobasilar).tw.
7. (infarct$ or isch?emi$ or thrombo$ or emboli$ or vasospasm$ or apople$).tw.
8. 6 and 7
9. (cerebral or intracerebral or intracranial or parenchymal or brain$ or intraventricular or periventricular or cerebellar or infratentorial or supratentorial or subarachnoid).tw.
10. (Haemorrhage or hemorrhage or haematoma or hematoma or bleed$ or aneurysm).tw.
11. 9 and 10
12. sinus thrombosis.tw.
13. thrombo$.tw.
14. (intracranial or (venous adj5 sinus) or (sagittal adj5 venous) or (sagittal adj5 vein) or (cranial adj5 sinus)).tw.
15. 13 and 14
17. tia.tw.
18. carotid arteries/su
19. Endarterectomy, carotid/
20. Carotid arteries/
21. Endarterectomy/
22. 20 and 21
23. exp arterial occlusive diseases/
24. 20 and 23
25. carotid$.tw.
26. exp arteriovenous malformations/
27. exp brain/
28. cerebral veins/
29. cerebral arteries/
30. 27 or 28 or 29
31. 26 and 30
32. (arteriovenous or venous).tw.
33. (fistula$ or malformation$ or aneurysm$).tw.
34. 32 and 33
35. 9 and 34
36. atrial fibrillation/
37. atrial fibrillation.tw.
38. exp "embolism and thrombosis (non-cinahl)"/
39. 30 and 38
40. exp aphasia/
41. hemiplegia/
42. "unilateral neglect (nanda)"
43. (aphasi$ or dysphasi$ or hemipleg$ or hemipar$).tw.
44. (unilateral neglect or neglect syndrome$ or visual neglect or hemianop$).tw.
45. dysarthria/
46. communicative disorders/
47. deglutition disorders/
48. "impaired swallowing (nanda)"
49. "swallowing impairment (saba hhcc)"
50. "swallowing therapy (iowa nic)"
51. apraxia/ or neurologic manifestations/
52. (dysarthri$ or dysphag$ or aprax$ or dysprax$).tw.
53. (swallow$ and (impair$ or disorder$ or problem$ or difficult$)).tw.
54. language disorders/
55. exp "rehabilitation, speech and language"
56. "impaired verbal communication (nanda)"
57. articulation disorders/ or fluency disorders/ or speech disorders/
58. (speech or cognit$ or language).tw.
59. (disorder$ or therap$ or impair$ or rehabilitation).tw.
60. 58 and 59
61. occupational therapy/ or home occupational therapy/
62. "activity therapy (iowa nic)"
63. exp cognition disorders/
64. ((occupational or activity) and therapy).tw.
65. 1 or 2 or 3 or 4 or 5 or 8 or 11 or 12 or 15 or 16 or 17 or 18 or 19 or 22 or 24 or 25 or 31 or 35 or 36 or 37 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 60 or 61 or 62 or 63 or 64
66. random assignment/
67. exp random sample/
68. Crossover design/
69. exp Clinical trials/
70. Comparative studies/
71. "control (research)"
72. Control group/
73. Factorial design/
74. quasi-experimental studies/
75. Nonrandomized trials/
76. Placebos/
77. Meta analysis/
78. Clinical nursing research/ or Clinical research/
79. Community trials/ or Experimental studies/ or One-shot case study/ or Pretest-posttest design/ or Solomon four-group design/ or Static group comparison/ or Study design/
80. ("clinical trial" or "systematic review").pt.
81. random$.tw.
82. (singl$ or doubl$ or tripl$ or trebl$) adj25 (blind$ or mask$).tw.
83. (cross?over or placebo$ or control$ or factorial or sham?).tw.
84. ((clin$ or intervention$ or compar$ or experiment$ or preventive or therapeutic) adj10 trial$).tw.
85. (counterbalance$ or multiple baseline$ or ABAB design$).tw.
86. (meta?analys$ or systematic review$).tw.
87. or/66-86
88. 65 and 87

S cerebrovascular
S (stroke£ or cerebrovascular)
S (cerebral or cerebellar or brainstem or vertebrobasilar)
S (infarct? or ischemi£ or ischaemi£ or thrombo? or emboli?)
S L3 and L4
S carotid?
S (cerebral or intracerebral or intracranial or parenchymal or brain or intraventricular or brainstem or cerebellar or intratentorial or infratentorial or supratentorial or subarachnoid)
S (hemorrhag? or haemorrhag? or hematoma? or haematoma? or bleeding or aneurysm£ or apoplexy)
S L7 and L8
S thrombo?
S intracranial or venous (5A) sinus? or sagittal (5A) venous or sagittal vein£
S L10 and L11
S transient ischem? attack£ or transient ischaem? attack£
S reversible ischem? neurologic? deficit or reversible ischaem? neurologic? deficit
S (venous malformation£ or arteriovenous malformation£)
S L7 and L15
S (aphasi? or dysphasi? or hemianop? or hemipleg? or hemipar?)
S L1 or L2 or L5 or L6 or L9 or L12 or L13 or L14 or L16 or L17
S (brain or cerebr?)(s)vasospasm
S (brain or cerebr?)(s)apoplexy
S Melas syndrome
S Wallenberg syndrome
S Moyamoya
S brain hemangioma
S sturge weber syndrome
S vertebrobasilar insufficiency
S brain arteriovenous malformation£
S cerebral artery occlusion
S Sneddon syndrome
S vertebral artery stenosis
S anomia
S landau kleffner syndrome
S L18 or L19 or L20 or L21 or L22 or L23 or L24 or L25 or L26 or L27 or L28 or L29 or L30 or L31 or L32
S (random? or placebo£ or control? or trial£)
S (singl? or doubl? or tripl? or trebl?)(s)(blind? or mask?)
S multicent? or meta-analysis or crossover or cross-over or (double-blind) or (single-blind) or (drug comparison) or (clinical study)
S (phase 2 or phase II or Phase III or phase 3 or phase IV or phase 4)(s)trial£
S L34 or L35 or L36 or L37
S (L33 and L38) and (human or cases)/ct

**Dissertation Abstracts**, a computer database of mainly North American dissertations 1861 to 1994. Last searched June 1994 using the following search terms:
cerebrovascular or stroke* or carotid or subarachnoid haemorrhage or subarachnoid hemorrhage or intracerebral haemorrhage or intracerebral hemorrhage or cerebral hemorrhage or cerebral hemo*rrhage or aphasi* or speech therapy or cognitive therapy or physiotherapy or occupational therapy or rehabilitation AND random* or double-blind or single-blind or placebo* or control*

**EMBASE Classic** (Ovid) 1947 to 1979
Searched 8 April 2010
1. Cerebrovascular Disease/
2. Basal Ganglion Hemorrhage/
3. cerebral artery disease/
4. Cerebrovascular Accident/
5. stroke/
6. stroke patient/ or stroke unit/
7. Vertebrobasilar Insufficiency/
8. exp Carotid Artery Disease/
9. exp Brain Hemangioma/
10. exp Brain Hematoma/
11. exp Brain Hemorrhage/
12. brain infarction/ or brain infarction size/ or brain stem infarction/ or cerebellum infarction/
13. exp Brain Ischemia/
14. exp Cerebrovascular Malformation/
15. exp intracranial aneurysm/
16. exp occlusive cerebrovascular disease/
17. brain injury/
18. brain stem injury/ or artery dissection/
19. cerebellum injury/
20. exp carotid artery/
21. exp carotid artery surgery/
22. carotid endarterectomy/
23. *heart atrium septum defect/
24. heart foramen ovale/
25. paradoxical embolism/
26. exp aphasia/ or hemiplegia/ or hemiparesis/ or paresis/ or spastic paresis/ or pseudobulbar palsy/ or hemianopia/ or homonymous hemianopia/ or dysphagia/ or dysarthria/ or dysphasia/ or spasticity/ or apraxia/ or dyspraxia/ or hemiballism/
27. (stroke or poststroke or post-stroke or cerebrovasc$ or brain vasc$ or cerebral vasc$ or cva$ or apoplex$ or isch?emi$ attack$ or tia$1 or neurologic$ deficit$ or SAH or AVM).tw.
28. ((brain$ or cerebr$ or cerebell$ or cortical or vertebrobasilar or hemispher$ or intracran$ or intracerebral or infratentorial or supratentorial or MCA or anterior circulation or posterior circulation or basal ganglia) adj5 (isch?emi$ or infarct$ or thrombo$ or emboli$ or occlus$ or hypox$ or vasospasm or obstruction or vasculopathy)).tw.
29. ((lacunar or cortical) adj5 infarct$).tw.
30. ((brain$ or cerebr$ or cerebell$ or intracerebral or intracran$ or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli$ or subarachnoid or putaminal or putamen or posterior fossa) adj5 (haemorrhage$ or hemorrhage$ or haematoma$ or hematoma$ or bleed$)).tw.
31. ((brain or cerebral or intracranial or communicating or giant or basilar or vertebral artery or berry or saccular or ruptured) adj5 aneurysm$).tw.
32. (vertebral artery dissection or cerebral art$ disease$).tw.
33. ((brain or intracranial or basal ganglia or lenticulostriate) adj5 (vascular adj5 (disease$ or disorder or accident or injur$ or trauma$ or insult or event))).tw.
34. ((isch?emic or apoplectic) adj5 (event or events or insult or attack$)).tw.
35. ((cerebral vein or cerebral venous or sinus or sagittal) adj5 thrombo$).tw.
36. (CVDST or CVT).tw.
37. ((intracranial or cerebral art$ or basilar art$ or vertebral art$ or vertebrobasilar or vertebral basilar) adj5 (stenosis or isch?emia or insufficiency or arteriosclero$ or atherosclero$ or occlus$)).tw.
38. ((venous or arteriovenous or brain vasc$) adj5 malformation$).tw.
39. ((brain or cerebral) adj5 (angioma$ or hemangioma$ or haemangioma$)).tw.
40. carotid$.hw.
41. patent foramen ovale.tw.
42. PFO.tw.
43. asymptomatic cervical bruit.tw.
44. (aphasi$ or apraxi$ or dysphasi$ or dysphagi$ or deglutition disorder$ or swallow$ disorder$ or dysarthri$ or hemiple$ or hemipar$ or paresis or paretic or hemianop$ or hemineglect or spasticity or anomi$ or dysnomi$ or acquired brain injur$ or hemiball$).tw.
45. ((unilateral or visual or hemispatial or attentional or spatial) adj5 neglect).tw.
46. or/1-45
47. Randomized Controlled Trial/
48. Randomization/
49. Controlled Study/
50. control group/
51. clinical trial/ or phase 1 clinical trial/ or phase 2 clinical trial/ or phase 3 clinical trial/ or phase 4 clinical trial/ or controlled clinical trial/
52. Crossover Procedure/
53. Double Blind Procedure/
54. Single Blind Procedure/ or triple blind procedure/
55. latin square design/
56. Parallel Design/
57. placebo/
58. Multicenter Study/
59. experimental design/ or experimental study/ or quasi experimental study/
60. experimental therapy/
61. drug comparison/ or drug dose comparison/
62. drug screening/
63. EVALUATION/ or "EVALUATION AND FOLLOW UP"/ or evaluation research/ or clinical evaluation/
64. METHODOLOGY/
65. "types of study"/
66. research subject/
67. Comparative Study/
68. "systematic review"
69. Meta Analysis/
70. random$.tw.
71. (controlled adj5 (trial$ or stud$)).tw.
72. (clinical$ adj5 trial$).tw.
73. ((control or treatment or experiment$ or intervention) adj5 (group$ or subject$ or patient$)).tw.
74. (surgical adj5 (group$ or subject$ or patient$)).tw.
75. (quasi-random$ or quasi random$ or pseudo-random$ or pseudo random$).tw.
76. ((multicenter or multicentre or therapeutic) adj5 (trial$ or stud$)).tw.
77. ((control or experiment$ or conservative) adj5 (treatment or therapy or procedure or manage$)).tw.
78. ((singl$ or doubl$ or tripl$ or trebl$) adj5 (blind$ or mask$)).tw.
79. (coin adj5 (flip or flipped or toss$)).tw.
80. latin square.tw.
81. versus.tw.
82. (cross-over or cross over or crossover).tw.
83. placebo$.tw.
84. sham.tw.
85. (assign$ or alternate or allocat$ or counterbalance$ or multiple baseline).tw.
86. controls.tw.
87. (treatment$ adj6 order).tw.
88. (meta-analy$ or metaanaly$ or meta analy$ or systematic review or systematic overview).tw.
89. or/47-88
90. 46 and 89

1. cerebrovasc$.mp
2. (stroke$ or eva$ or cerebral vasc$).mp
3. (cereb$ or brain$ or vertebrobasilar).mp
4. (infarct$ or ischemi$ or ischaemi$ or thrombo$ or emboli$ or apoplexy).mp.
5. 3 and 4
6. (cereb$ or intracereb$ or intracranial or parenchymal or brain$ or intraventricular or infratentorial or supratentorial or subarachnoid).mp.
7. (haemorrhag$ or hemorrhag$ or haematoma$ or hematoma$ or bleed$ or aneurysm$).mp
8. 6 and 7
9. transient ischemia.mp
10. carotid.mp
11. (aphasia or dysphasia or dysphagia or hemianopia or hemiplegia or hemiparesis or apraxia).mp
12. (poststroke or post-stroke).mp
13. 1 or 2 or 5 or 8 or 9 or 10 or 11 or 12

**HealthSTAR (OVID)** 1975 to September 2000. Last searched 22 September 2000

1 exp Cerebrovascular disorders/
2 (cerebrovascular or cerebral vascular or brain attack).tw.
3 (cerebral or cerebellar or brain or vertebrobasilar).tw.
4 (infarct or ischaemic or ischemic or thromboembolic or apoplexy or embolic or insufficiency or occlusion).tw.
5 3 and 4
6 carotid.tw.
7 (cerebral or intracerebral or intracranial or parenchymal or brain or intraventricular or cerebellar or infratentorial or supratentorial or subarachnoid).tw.
8 (haemorrhage or hemorrhage or hematoma or hematocele or bleed or aneurysm or vasospasm).tw.
9 7 and 8
10 thromboembolic.tw.
11 (intracranial or sinus or sagittal).tw.
12 10 and 11
13 transient ischemia.tw.
14 reversible ischemia.tw.
15 ((venous or arteriovenous) and malformation).tw.
16 (rupture and aneurysm).tw.
17 ((ischaemic or ischemic or apoplectic) adj5 (event or insult)).tw.
18 (aphasia or apraxia or dysphasia or dysphagia or hemianopia or hemineglect or spasticity or hemiplegia or hemiparesis).tw.
19 ((unilateral or visual or hemispatial or attentional) and neglect).tw.
20 carotid.hw.
21 (stroke or poststroke or post-stroke).tw.
22 exp aphasia/
23 hemianopsia/
24 hemiplegia/
25 1 or 2 or 5 or 6 or 9 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24
26 ("clinical conference" or "clinical trial" or "clinical trial phase ii" or "clinical trial phase iii" or "clinical trial phase iv" or "controlled clinical trial" or "meta analysis" or "multicenter study" or "randomized controlled trial").pt.
27 Clinical trials/ or Clinical trials, phase ii/ or Clinical trials, phase iii/ or Clinical trials, phase iv/ or Controlled clinical trials/ or Evaluation studies/ or Multicenter studies/ or Randomized controlled trials/
28 Random allocation/
29 Cross-over studies/ or Double-blind method/ or Epidemiologic research design/ or Meta-analysis/ or Single-blind method/
30 Placebos/
31 Research design/
32 Intervention studies/
33 exp follow-up studies/ or exp prospective studies/ or Longitudinal studies/
34 (random$ or placebo$ or cross?over or control$ or factorial or sham$).tw.
35 ((singl$ or doubl$ or tripl$ or trebl$) adj25 (blind$ or mask$)).tw.
36 ((clin$ or intervention$ or compar$ or experiment$ or preventive or therapeutic) adj10 trial$).tw.
37 (counterbalance$ or multiple baseline$ or ABAB design$).tw.
38 (meta?analys$ or systematic review$).tw.
39 or/26-38
40 25 and 39
41 limit 40 to nonmedline

1. (stroke or cerebrovasc$ or cerebral vasc$ or cva or apoplexy or poststroke or hemipleg$ or hemipar$ or aphas$ or dysphas$ or dysphag$).mp
2. (cerebral or cerebellar or brainstem or vertebrobasilar).mp.
3. (infarct$ or isch?emi$ or thrombo$ or emboli$).mp.
4 2 and 3.
5 (cerebral or intracerebral or intracranial or parenchymal or brain or intraventricular or brainstem or cerebellar or infratentorial or supratentorial or subarachnoid).mp.
6 (haemorrhage or hemorrhage or haematoma or hematoma or bleeding or aneurysm).mp.
7 5 and 6
8 1 or 4 or 7
9 (random$ or trial$ or blind$ or control$ or placebo$).mp
10 8 and 9

**Index to UK Theses**, a computer database of British dissertations, 1970 to 1994. Last searched June 1994 using the following search terms:
cerebrovascular or stroke* or carotid or subarachnoid haemorrhage or subarachnoid hemorrhage or intracerebral haemorrhage or intracerebral hemorrhage or cerebral hemorrhage or cerebral hemorrhage or aphas*$ or speech therapy or cognitive therapy or physiotherapy or occupational therapy or rehabilitation AND random* or double-blind or single-blind or placebo* or control*

**IndMED**
http://indmed.nic.in/
Searched 12 July 2010 using the following text word search of all fields:
stroke or cerebr$ or brain or hemipleg$ or hemipar$ or aphas$ or dysphas$ or dysphag$ or cva or apoplexy or carotid or subarachnoid
AND
random$ or trial$ or placebo$ or control or blind$
1 (stroke or cerebrovasc$ or cerebral vasc$ or cva or apoplexy or poststroke or hemipleg$ or hemipar$ or aphas$ or dysphas$ or dysphag$).mp
2 (cerebral or cerebellar or brainstem or vertebobasilar).mp.
3 (infarct$ or isch?emi$ or thrombo$ or emboli$).mp.
4 2 and 3.
5 (cerebral or intracerebral or intracranial or parenchymal or brain or intraventricular or brainstem or cerebellar or infratentorial or supratentorial or subarachnoid).mp.
6 (haemorrhage or hemorrhage or haematoma or hematoma or bleeding or aneurysm).mp.
7 5 and 6
8 1 or 4 or 7
9 (random$ or trial$ or blind$ or control$ or placebo$).mp
10 8 and 9

International Pharmaceutical Abstracts (Ovid) 1970 to May 2010. Last searched 3 June 2010
1 (cerebral or cerebellar or brainstem or vertebobasilar).af.
2 (infarct$ or isch?emi$ or thrombo$ or emboli$).af.
3 (cerebral or intracerebral or intracranial or parenchymal or brain or intraventricular or brainstem or cerebellar or infratentorial or supratentorial or subarachnoid).af.
4 (haemorrhage or hemorrhage or haematoma or hematoma or bleeding or aneurysm).af.
5 1 and 2
6 3 and 4
7 (stroke or cerebral vasc$ or cerebrovasc$ or cva$ or apoplexy).af.
8 carotid.af.
9 (intracranial or (venous adj5 sinus$) or (sagittal adj5 venous) or (sagittal adj5 vein)).af.
10 thrombo$.af.
11 9 and 10
12 transient isch?emic attack$.af.
13 (aphasi$ or dysphasi$ or dysphagi$ or hemianop$ or hemiplegi$ or hemipar$).af.
14 5 or 6 or 7 or 8 or 11 or 12 or 13
16 ((singl$ or doubl$ or tripl$ or trebl$) adj25 (blind$ or mask$)).af.
17 (placebo$ or random$ or control$ or sham or versus or allocat$ or cross?over).af.
18 drug evaluations.cc.
19 15 or 16 or 17 or 18
20 14 and 19
21 limit 20 to human

MANTIS (Ovid) (Manual, Alternative and Natural Therapy Index System) 1880 to June 2002. Last searched 16 July 2002
1. cerebrovasc$.mp. [mp=title, abstract, descriptors]
2. (stroke$ or cva$ or cerebral vasc$).mp.
3. (cereb$ or brain$ or vertebobasilar).mp.
4. (infarct$ or ischem$ or ischaem$ or thrombo$ or emboli$ or apoplexy).mp.
5. 3 and 4
6. (cereb$ or intracerebral or intracranial or parenchymal or brain$ or intraventricular or infratentorial or supratentorial or subarachnoid).mp.
7. (haemorrhag$ or hemorrhage$ or haematoma or hematoma or bleed$ or aneurysm$).mp.
8. 6 and 7
9. transient isc$.mp.
10. carotid$.mp.
11. (aphas$ or dysphas$ or dysphag$ or hemianop$ or hemipleg$ or hemipar$).mp.
12. (poststroke or post-stroke).mp.
13. 1 or 2 or 5 or 8 or 9 or 10 or 11 or 12

MEDLINE (OVID) 1966 - July 1999 Last searched August 1999 using the following terms:
(RADNOM* or RAMDOM* or RANDON* or RAMDON*).tw
See Clarke M et al BMJ 1997;314:1203

Nederlands Paramedisch Instituut Register. Last searched 19 August 2002
1_: (RANDOMISED ADJ CONTROLLED ADJ TRIAL$) OR RCT$
2_: META-ANALYSS
3_: SYSTEMAT$ ADJ REVIEW$
4_: CCTS OR (CONTROLLED ADJ CLINICAL ADJ TRIAL$)
5_: (CONSENSUSRICHTLIJN.FORM.) OR (PROEFSCHRIFT.FORM.)
6_: 4 OR 3 OR 2 OR 5 OR 1
7_: APOPLEXIE OR HERSENBLOEDINGS OR TIA OR BEROERTE$ OR STROKES$ OR CVA
8_: 6 AND 7


Major Subjects
APHASIA
APRAXIA
CEREBROVASCULAR DISORDERS
GERIATRIC OCCUPATIONAL THERAPY
HEMIPLEGIA
LANGUAGE DISORDERS
LEFT HEMISPHERE INJURIES
MUSCLE CONTRACTION
MUSCLE HYPERTONIA
MUSCLE SPASTICITY
REHABILITATION
RIGHT HEMISPHERE INJURIES
VISUAL NEGLECT

Minor Subjects
CEREBROVASCULAR DISORDERS
LANGUAGE DISORDERS
LEFT HEMISPHERE INJURIES
RIGHT HEMISPHERE INJURIES
Title Words (with right truncation)
STROKE or CEREB or POST-STROKE or POSTSTROKE or CVA or HEMIPAR or HEMIPLEG or NEGLECT or THROMBO or APHAS or DYAPHAS or DYSPHAG

OpenSIGLE - System for Information on Grey Literature in Europe
1980 to 2005 (searched 8 December 2008)
((title:stroke OR poststroke OR "post stroke" OR cva OR cerebrovasc* OR cerebral* OR intracerebral OR apoplexy OR hemipleg* OR hemipar* OR subarachnoid) AND (title:random* OR sham OR placebo* OR controls OR "controlled study" OR trial* OR "double blind" OR "single blind"))
((abstract:stroke OR poststroke OR "post stroke" OR cva OR cerebrovasc* OR cerebral* OR intracerebral OR apoplexy OR hemipleg* OR hemipar* OR subarachnoid) AND
(abstract:random* OR sham OR placebo* OR controls OR "controlled study" OR trial* OR "double blind" OR "single blind"))
((keyword:stroke OR poststroke OR "post stroke" OR cva OR cerebrovasc* OR cerebral* OR intracerebral OR apoplexy OR hemipleg* OR hemipar* OR subarachnoid) AND
(keyword:random* OR sham OR placebo* OR controls OR "controlled study" OR trial* OR "double blind" OR "single blind"))

OLDMEDLINE (US National Library of Medicine) 1958 to 1965 Last searched 26 June 2002

PsycBITE. Psychological Database for Brain Impairment Treatment Efficacy
http://fmweb01.ucc.usyd.edu.au/psycbite/
Searched 6 July 2006
Neurological Groups (1) stroke/CVA (cerebrovascular accidents); (2) non-specific brain injury

PsycEXTRA (Ovid) 1908 to January 2008 Last searched 22 January 2008
1 cerebral vascular disorders/ or cerebrovascular disorders/ or cerebrovascular accidents/
2 cerebral hemorrhage/ or cerebral ischemia/
3 carotid arteries/
4 brain/ and (lesions/ or hemorrhage/ or ischemia/)
5 aneurysms/
6 aphasia/ or apraxia/ or communication disorders/ or dysarthria/ or dysphasia/
7 hemiplegia/ or hemianopia/
8 sickle cell disease/
9 "Fibrillation (heart)"
10 (stroke$ or poststroke or post-stroke or cva$).tw.
11 (cerebrovascular or cerebral vascular or brain attack).tw.
12 (cerebral or cerebellar or brain$ or vertebrobasilar).tw.
13 (infarct$ or ischaem$ or ischem$ or thrombo$ or apoplexy or emboli$ or insufficiency or occlusion).tw.
14 12 and 13
15 carotid.tw.
16 (cerebral or intracerebral or intracranial or parenchymal or brain$ or intraventricular or cerebellar or infratentorial or supratentorial or subarachnoid).tw.
17 (haemorrhage or hemorrhage or haematoma or hematoma or bleed$ or aneurysm$ or vasospasm).tw.
18 16 and 17
19 thrombo$.tw.
20 (intracranial or sinus or sagittal).tw.
21 19 and 20
22 transient isch$.tw.
23 reversible isch$.tw.
24 ((venous or arteriovenous) and malformation$).tw.
25 (rupture$ and aneurysm$).tw.
26 ((ischaemic or ischemic or apoplectic) adj5 (event$ or insult$)).tw.
27 (aphasi$ or apraxi$ or dysphas$ or dysphag$ or hemianop$ or hemineglect or spasticity or hemipleg$ or hemipar$).tw.
28 ((unilateral or visual or hemispatial or attentional) and neglect).tw.
29 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 14 or 15 or 18 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28
30 ((singl$ or doubl$ or tripl$ or trebl$) adj25 (blind$ or mask$)).tw.
31 ((clin$ or intervention$ or compar$ or experiment$ or preventive or therapeutic) adj10 trial$).tw.
32 (counterbalance$ or multiple baseline$ or ABAB design$).tw.
33 (meta?analys$ or systematic review$).tw.
34 (systematic review$).tw.
35 clinical trials/
36 quasi experimental methods/
37 empirical methods/
38 experiment controls/ or experimental design/ or experiment volunteers/
39 experimental methods/
40 meta analysis/
41 placebo/
42 program evaluation/
43 treatment outcomes/
44 treatment effectiveness evaluation/
PsycINFO (OVID) 1887 to October 2005 to present. Last search: Ongoing. Searched on a monthly/quarterly basis. Reinstated on 4 June 2016 and comprehensively revised between January and May 2020 to account for newly identified relevant terms. The intervening years since cessation of previous PsycINFO (Ovid) search (see below: Last searched 3 November 2005) have been retroactively searched.

1. cerebrovascular disorders/ or cerebral arteriosclerosis/ or cerebral hemorrhage/ or exp cerebral ischemia/ or cerebral small vessel disease/ or cerebrovascular accidents/ or subarachnoid hemorrhage/
2. (stroke or poststroke or post-stroke or cerebrovasc$ or (cerebr$ adj3 vasc$) or CVAS$ or apoplectic or apoplex$ or (transient adj3 isch?emic adj3 attack) or tia$ or SAH or AVM or (cerebral small vessel adj3 (disease))).tw
3. ((cerebr$ or cerebell$ or arteriovenous or vertebrobasil$ or interhemispheric or hemispher$ or intracran$ or intracerebral or infratentorial or supratentorial or MCAS$ or ((anterior or posterior) adj3 circulat$) or lenticulostriate or ((basilar or brachial or vertebr$) adj3 arter$)) adj3 (disease or damage$ or disorder$ or disturbance or dissection or lesion or syndrome or arrest or accident or lesion or vasculopathy or insult or attack or injury or insufficiency or malformation or obstruct$ or anomal$)).tw
4. ((cerebr$ or cerebell$ or arteriovenous or vertebrobasil$ or interhemispheric or hemispher$ or intracran$ or corpus callosum or intracerebral or intracortical or intraventricular or periventricular or posterior fossa or infratentorial or supratentorial or MCAS$ or ((anterior or posterior) adj3 circulation) or basal ganglia or ((basilar or brachial or vertebr$) adj3 arter$) or space-occupying or brain ventricle$ or subarachnoid$ or arachnoid$)) adj3 (h?emorrhage or h?ematoma or bleed$ or microh?emorrhage or microbleed or (encephalorrhagia or hematencephal$))).tw.
5. ((subdural or subepidural) adj3 (h?ematoma$ or h?emorrhage or bleed$) or (h?emorrhag$ adj3 pachymeningi$)).tw
6. ((cerebr$ or cerebell$ or arteriovenous or vertebrobasil$ or interhemispheric or hemispher$ or intracran$ or corpus callosum or intracerebral or intracortical or intraventricular or periventricular or posterior fossa or infratentorial or supratentorial or MCAS$ or ((anterior or posterior) adj3 circulation) or basal ganglia or ((basilar or brachial or vertebr$) adj3 arter$) or space-occupying or brain ventricle$ or lacunar or cortical or ocular) adj3 (isch?emic$ or infarct$ or thrombo$ or emboli$ or occlus$ or hypoxi$ or vasospasm or obstruct$ or vasoconstrict$)).tw
7. (isch?emic adj3 encephalopathy).tw
8. ((carotid or cerebr$ or cerebell$ or intracranial or basilar or brachial or vertebr$) adj3 (aneurysm or malformation$ or dysplasia or disease or bruit or injur$ or obstruct$ or occlusion or constriction or presclerosis or scleros$ or stenos$ or atherosclero$ or arteriosclero$ or plaque$ or thrombo$ or emboli$ or arteriopath$)).tw
9. ((moyamoya or moya moya) adj3 (disease or syndrome)).tw
10. ((brain or cerebra$ or intracranial or ((basilar or brachial or vertebr$) adj3 arter$) or berry or saccular) adj3 aneurysm$).tw
11. (((patent or persistent) adj3 foram$ ovale) or PFO).tw
12. or/1-11
13. clinical trials/ or treatment effectiveness evaluation/ or placebo/
14. (random$ or RCT or RCTs).tw.
15. (controlled adj5 (trial$ or stud$)).tw.
16. (clinical$ adj5 trial$).tw.
17. ((control or treatment or experiment$ or intervention) adj5 (group$ or subject$ or patient$)).tw.
18. (quasi-random$ or quasi random$ or pseudo-random$ or pseudo random$).tw.
19. ((control or experiment$ or conservative) adj5 (treatment or therapy or procedure or manage$)).tw.
20. ((singl$ or doubl$ or tripl$ or trebl$) adj5 (blind$ or mask$)).tw.
21. (cross-over or cross over or crossover).tw.
22. (placebo$ or sham).tw.
23. trial.ti.
24. (assign$ or allocat$).tw.
25. controls.tw.
26. or/13-25
27. 12 and 26

PsycINFO (OVID) 1887 to October 2005. Last searched 3 November 2005
1. cerebral vascular disorders/ or cerebrovascular disorders/ or cerebrovascular accidents/
2. cerebral hemorrhage/ or cerebral ischemia/
3. carotid arteries/
4. brain/ and (lesions/ or hemorrhage/ or ischemia/)
5. aneurysms/
6. aphasia/ or apraxia/ or communication disorders/ or dysarthria/ or dysphasia/
7. hemiplegia/ or hemianopia/
8. sickle cell disease/
9. "Fibrillation (heart)"
10. (stroke$ or poststroke or post-stroke or cva$).tw.
11. (cerebrovascular or cerebral vascular or brain attack).tw.
12. (cerebral or cerebellar or brain$ or vertebrobasilar).tw.
13. (infarct$ or ischaemi$ or ischem$ or thrombo$ or apoplexy or emboli$ or insufficiency or occlusion).tw.
14. 12 and 13
15. carotid.tw.
16. (cerebral or intracerebral or intracranial or parenchymal or brain$ or intraventricular or cerebellar or infratentorial or supratentorial or subarachnoid).tw.
17. (haemorrhage or hemorrhage or haematoma or hematoma or bleed$ or aneurysm$ or vasospasm).tw.
18. 16 and 17
19. thrombo$.tw.
20. (intracranial or sinus or sagittal).tw.
21. 19 and 20
22. transient isch$.tw.
23. reversible isch$.tw.
24. ((venous or arteriovenous) and malformation$).tw.
26. ((ischaemic or ischemic or apoplectic) adj5 (event$ or insult$)).tw.
27. (aphasi$ or apraxi$ or dysphas$ or dysphag$ or hemianop$ or hemineglect or spasticity or hemileg$ or hemipar$).tw.
28. ((unilateral or visual or hemispatial or attentional) and neglect).tw.
29. ((singl$ or doubl$ or tripl$ or trebl$) adj25 (blind$ or mask$)).tw.
30. ((clin$ or intervention$ or compar$ or experiment$ or preventive or therapeutic) adj10 trial$).tw.
31. (counterbalance$ or multiple baseline$ or ABAB design$).tw.
32. (meta?analys$ or systematic review$).tw.
33. (meta analysis or empirical study or experimental replication or prospective study or followup study or "literature review" or longitudinal study or treatment outcome clinical trial).md.
34. clinical trials/
35. quasi experimental methods/
36. empirical methods/
37. experiment controls/ or experimental design/ or experiment volunteers/
38. experimental methods/
39. meta analysis/
40. placebo/
41. program evaluation/
42. treatment outcomes/
43. treatment effectiveness evaluation/
44. (random$ or placebo$ or cross?over or controls or controlled or sham).tw.
45. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 14 or 15 or 18 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29-44
47. 45 and 46
48. limit 47 to human

RECAL (National Centre for Training and Education in Prosthetics and Orthotics) 1990 to March 2006. Last searched 7 March 2006. Search strategy:
(stroke or poststroke or "post stroke" or cva or cerebrovasc* or ?cerebral vasc*? or apoplexy or hemipleg* or hemipar*) and (random* or sham or placebo* or controls or "controlled study" or trial* or "double blind" or "single blind")

RILM Music Master (Ovid) 1836 to February 2009. Searched 26 March 2009
1. (stroke or poststroke or post-stroke or cerebrovasc$ or brain vasc$ or cerebral vasc$ or cva$ or apoplex$ or isch?emi$ attack$ or tia$1 or neurologic$ deficit$ or SAH or AVM).ti,ab.
2. ((brain$ or cerebr$ or cerebell$ or cortical or vertebrobasilar or hemispher$ or intracran$ or intracerebral or infratentorial or supratentorial or MCA or anterior circulation or posterior circulation or basal ganglia) adj5 (isch?emi$ or infarct$ or thrombo$ or emboli$ or occlus$ or hypox$ or vasospasm or obstruction or vasculopathy)).ti,ab.
3. ((lacunar or cortical) adj5 infarct$).ti,ab.
4. ((brain$ or cerebr$ or cerebell$ or intracerebral or intracran$ or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli$ or subarachnoid or putaminal
or putamen or posterior fossa) adj5 (haemorrhage$ or hemorrhage$ or haematoma$ or hematoma$ or bleed$).ti,ab.
5. ((brain or cerebral or intracranial or communicating or giant or basilar or vertebral artery or berry or saccular or ruptured) adj5 aneurysm$).ti,ab.
6. (vertebral artery dissection or cerebral art$ disease$).ti,ab.
7. ((brain or intracranial or basal ganglia or lenticulostriate) adj5 (vascular adj5 (disease$ or disorder or accident or injur$ or trauma$ or insult or event))).ti,ab.
8. ((isch?emic or apoplectic) adj5 (event or events or insult or attack$)).ti,ab.
9. ((cerebral vein or cerebral venous or sinus or sagittal) adj5 thrombo$).ti,ab.
10. (CVDST or CVT).ti,ab.
11. ((intracranial or cerebral art$ or basilar art$ or vertebral art$ or vertebrobasilar or vertebral basilar) adj5 (stenosis or isch?emia or insufficiency or arteriosclero$ or atherosclero$ or occlus$)).ti,ab.
12. ((venous or arteriovenous or brain vasc$) adj5 malformation$).ti,ab.
13. ((brain or cerebral) adj5 (angioma$ or hemangioma$ or haemangioma$)).ti,ab.
14. carotid$.ti,ab.
15. (patent foramen ovale or PFO).ti,ab.
16. ((atrial or atrium or auricular) adj fibrillation).ti,ab.
17. asymptomatic cervical bruit.ti,ab.
18. (aphasi$ or apraxi$ or dysphasi$ or dysphagi$ or deglutition disorder$ or swallow$ disorder$ or dysarthri$ or hemiple$ or hemipar$ or paresis or paretic or hemianop$ or hemineglect or spasticity or anomi$ or dysnomi$ or acquired brain injur$ or hemiball$).ti,ab.
19. ((unilateral or visual or hemispatial or attentional or spatial) adj5 neglect).ti,ab.
20. or/1-19
21. random$.ti,ab.
22. (controlled adj5 (trial$ or stud$)).ti,ab.
23. (clinical$ adj5 trial$).ti,ab.
24. ((control or treatment or experiment$ or intervention) adj5 (group$ or subject$ or patient$)).ti,ab.
25. (surgical adj5 (group$ or subject$ or patient$)).ti,ab.
26. (quasi-random$ or quasi random$ or pseudo-random$ or pseudo random$).ti,ab.
27. ((multicenter or multicentre or therapeutic) adj5 (trial$ or stud$)).ti,ab.
28. ((control or experiment$ or conservative) adj5 (treatment or therapy or procedure or manage$)).ti,ab.
29. ((singl$ or doubl$ or tripl$ or trebl$) adj5 (blind$ or mask$)).ti,ab.
30. (coin adj5 (flip or flipped or toss$)).ti,ab.
31. latin square.ti,ab.
32. versus.ti,ab.
33. (cross-over or cross over or crossover).ti,ab.
34. placebo$t$.ti,ab.
35. sham.ti,ab.
36. (assign$ or alternate or allocat$ or counterbalance$ or multiple baseline).ti,ab.
37. controls.ti,ab.
38. (treatment$ adj6 order).ti,ab.
39. (meta-analy$ or metaanaly$ or meta analy$ or systematic review or systematic overview).ti,ab.
SCISEARCH (STN) 1974 to December 2003. Last searched 30 December 2003
S cerebrovascular
S (stroke£ or cerebrovascular)
S (cerebral or cerebellar or brainstem or vertebrobasilar)
S (infarct? or ischemi£ or ischaemi£ or thrombo? or emboli?)
S L3 and L4
S carotid?
S (cerebral or intracerebral or intracranial or parenchymal or brain or intraventricular or brainstem or cerebellar or intratentorial or infratentorial or supratentorial or subarachnoid)
S (hemorrhag? or haemorrhag? or hematoma? or haematoma? or bleeding or aneurysm£ or apoplexy)
S L7 and L8
S thrombo?
S intracranial or venous (5A) sinus? or sagittal (5A) venous or sagittal vein£
S L10 and L11
S transient ischém? attack£ or transient ischaem? attack£
S reversible ischém? ischémic? deficit or reversible ischaem? neurologic? deficit
S (venous malformation£ or arteriovenous malformation£)
S L7 and L15
S (aphasi? or dysphasi? or hemianop? or hemipleg? or hemipar?)
S L1 or L2 or L5 or L6 or L9 or L12 or L13 or L14 or L16 or L17
S (brain or cerebr?)(s)vasospasm
S (brain or cerebr?)(s)apoplexy
S Melas syndrome
S Wallenberg syndrome
S Moyamoya
S brain hemangioma
S sturge weber syndrome
S vertebrobasilar insufficiency
S brain arteriovenous malformation£
S cerebral artery occlusion
S Sneddon syndrome
S vertebral artery stenosis
S anomia
S landau kleffner syndrome
S L18 or L19 or L20 or L21 or L22 or L23 or L24 or L25 or L26 or L27 or L28 or L29 or L30 or L31 or L32
S (random? or placebo£ or control? or trial£)
S (singl? or doubl? or tripl? or trebl?)(s)(blind? or mask?)
S multicent? or meta-analysis or cross-over or crossover or (double-blind) or (single-blind) or (drug comparison) or (clinical study)
S (phase 2 or phase II or phase III or phase 3 or phase IV or phase 4)(s)trial£
S L34 or L35 or L36 or L37 or L38 or L39 or L40
S L33 and L38
S L39 and (human$ or patient$ or vascular disease$ or neurosciences$ or cardiovascular system$ or hematology$ or rehabilitation$ or pathology$)

SPORTDiscus (SFDB) (Ovid) 1949 to September 2000. Last searched 8 December 2000. The SPORTDiscus database covers both serial and monographic literature in the following areas of sport: recreation, exercise physiology, sports medicine, coaching, physical fitness, the psychology, history and sociology of sport, training, and conditioning.

1 Cerebrovascular disorder/
2 cerebral aneurysm/
3 cerebral embolism/
4 cerebral hemorrhage/
5 cerebral ischemia/
6 carotid/
7 carotid artery/
8 carotid artery thrombosis/
9 aphasia/
10 hemiplegia/
11 Arteriovenous fistula/
12 (stroke$ or poststroke$ or cva$).tw.
13 (cerebrovascular$ or cerebral vascular).tw.
14 (cerebral or cerebellar or brainstem or vertebrobasilar).tw.
15 (infarct$ or isch?em$ or thrombo$ or apoplexy or emboli$).tw.
16 14 and 15
17 carotid$.tw.
18 (cerebral or intracerebral or intracranial or parenchymal).tw.
19 (brain or intraventricular or brainstem or cerebellar).tw.
20 (infratentorial or supratentorial or subarachnoid).tw.
21 18 or 19 or 20
22 (haemorrhage or hemorrhage or haematoma or hematoma).tw.
23 (bleeding or aneurysm).tw.
24 22 or 23
25 18 and 24
26 thrombo$.tw.
27 (intracranial or sinus or (venous adj5 sinus$) or (sagittal adj5 venous) or (sagittal adj5 vein)$).tw.
28 26 and 27
29 trans$ isch?emic attack$.tw.
30 venous malformation$.tw.
31 arteriovenous malformation$.tw.
32 30 or 31
33 (aphasi$ or dysphasi$ or dysphagi$ or hemianop$).tw.
34 (hemipleg$ or hemipar$).tw.
35 apoplexy.tw.
36 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 16 or 17 or 25 or 28 or 29 or 32 or 33 or 34 or 35
Trials Register of Promoting Health Interventions (TRoPHI). Freetext search last carried out on 22 May 2007 using the following search terms:
stroke or carotid or cerebrovascular or CVA or hemiplegia or hemiplegic or dysphasia or dysphasic or aphasia or aphasic or dysphagia or dysphagic or spasticity or spastic

1 ("stroke patients" or "stroke patients adjustment" or "stroke patients care" or "stroke patients family relationships" or "stroke patients functional assessment" or "stroke patients posthospital adjustment" or "stroke patients psychology" or "stroke patients rehabilitation").sh.
2 ("cerebrovascular disease" or "cerebrovascular disease diagnosis" or "cerebrovascular disease mortality" or "cerebrovascular disease prevention" or "cerebrovascular disease risk factors" or "cerebrovascular disease treatment" or "cerebrovascular disease treatment conferences").sh.
3 ("cerebral arteries" or "cerebral arteries surgery" or "cerebral hemispheres").sh.
4 ("brain" or "brain abnormalities" or "brain blood vessels" or "brain damage" or "brain damage treatment" or "brain damaged" or "brain damaged adjustment" or "brain damaged behavior" or "brain damaged care" or "brain diseases" or "brain diseases treatment").sh.
5 ("carotid artery" or "carotid artery diseases").sh.
6 "aphasia".sh.
7 (stroke or cva$ or cerebrovasc$ or cerebral vascular or poststroke or post-stroke or apoplec$).tw.
8 (cerebral or brain).tw.
9 (ischaemi$ or ischemi$ or infarct$ or thrombo$ or haemorrhage or hemorrhage or bleed$ or aneurysm or hematoma$ or haematoma$ or occllus$ or emboli$ or vasospasm).tw.
10 8 and 9
11 transient isch$.tw.
12 (aphas$ or dysphas$ or dysphag$ or hemianop$ or hemipleg$ or hemipar$).tw.
13 1 or 2 or 3 or 4 or 5 or 6 or 7 or 10 or 11 or 12
14 "random number generators".sh.
15 "clinical trials".sh.
16 "placebo medicine".sh.
17 ("research evaluation" or "research methodology" or "research methodology conferences" or "research subjects").sh.
18 "triage medicine".sh.
19 "meta analysis".sh.
20 (clin$ adj25 trial$).tw.
21 ((singl$ or doubl$ or trebl$ or tripl$) adj25 (blind$ or mask$)).tw.
22 placebo$.tw.
23 (random$ or control$ or quasi?random$).tw.
24 14 or 15 or 17 or 18 or 19 or 20 or 21 or 22 or 23
25 13 and 24
Trials and research registers

World Health Organization (WHO) International Clinical Trials Registry Platform (ICTRP) (http://apps.who.int/trialsearch/Default.aspx) Last searched: Ongoing

The ICTRP contains clinical trial records and data sets from the following 17 primary trial registries (below). Data sets from these primary registers and registries are uploaded to WHO ICTRP either weekly or every four weeks. The following search strategy is run on a bi-annual (twice yearly) basis.

Australian New Zealand Clinical Trials Registry (ANZCTR);
Chinese Clinical Trial Registry (ChiCTR);
US National Institutes of Health Ongoing Trials Register ClinicalTrials.gov;
EU Clinical Trials Register (EU-CTR);
ISRCTN Registry;
The Netherlands National Trial Register (NTR);
Brazilian Clinical Trials Registry (ReBec);
Clinical Trials Registry - India (CTRI);
Clinical Research Information Service (CRIS) - Republic of Korea;
Cuban Public Registry of Clinical Trials;
German Clinical Trials Register (DRKS);
Iranian Registry of Clinical Trials;
Japan Primary Registries Network;
Pan African Clinical Trials Registry (PACTR);
Sri Lanka Clinical Trials Registry;
Thai Clinical Trials Register (TCTR);
Peruvian Clinical Trials Registry (REPEC).

Title/Condition: (stroke OR cerebral OR ischemic attack OR cerebrovascular OR subarachnoid)
Recruitment status is: ALL.
Date of registration is between: DD/MM/YYYY and DD/MM/YYYY
Phases are: ALL.
Last search: Ongoing

The following search strategy is run on a bi-annual (twice yearly) basis. Searched using the following strategy:
"Randomized" [DESIGN-ALLOCATION] | Carotid Endarterectomy OR Cerebral Artery OR Carotid Artery OR Vasospasm, Intracranial OR Intracranial Arterial OR Brain Infarction OR Intracranial Hemorrhages OR Carotid Artery Diseases OR Brain Ischemia OR Cerebral Hemorrhage OR Cerebrovascular Disorders OR Stroke
African Trials Registry (http://www.mrc.ac.za/ATR).
Last searched: 5 September 2006
Searched for all trials with the following text words in the title field:
(stroke or cerebral or cerebrovascular or cva or brain or carotid or aneurysm or subarachnoid or haemorrhage or hemorrhage or aphasia or dysphasia or dysphagia or hemipleg or hemipar or spasticity).

Australian New Zealand Clinical Trials Registry (ANZCTR)
(http://www.anzctr.org.au/)
Searched: 20 May 2010. This registry is now searched using the WHO ICTRP interface.
Condition category: stroke

Brazilian Clinical Trials Registry/Registro Brasileiro de Ensaios Clinicos
(http://www.ensaiosclinicos.gov.br)
Last searched: 12 August 2013. This registry is now searched using the WHO ICTRP interface.
Search for trials containing the terms: stroke or cerebral or cerebrovascular or cva or apoplexy or brain or carotid or aneurysm or subarachnoid or haemorrhage or hemorrhage or aphasia or dysphasia or dysphagia or hemiplegia or hemiparesis or spasticity or fibrillation
Study type: interventional

Chinese Clinical Trial Registry (ChiCTR)
(http://www.chictr.org)
Last searched: 18 August 2014. This registry is now searched using the WHO ICTRP interface.
Searched for all trials with the following text words: (stroke or cerebral or cerebrovascular or cva or apoplexy or apoplectic or brain or carotid or aneurysm or subarachnoid or haemorrhage or hemorrhage or aphasia or aphasic or dysphasia or dysphasic or dysphagia or dysphagic or hemiplegia or hemiparetic or spasticity).

Clinical Research Information Service (CRIS) Republic of Korea
(http://cris.nih.go.kr/en/search/basic_search.jsp)
Last searched: 12 August 2013. This registry is now searched using the WHO ICTRP interface.
Scientific title: stroke or cerebral or cerebrovascular or cva or apoplexy or brain or carotid or aneurysm or subarachnoid or haemorrhage or hemorrhage or aphasia or dysphasia or dysphagia or hemiplegia or hemiparesis or spasticity or fibrillation
Study type: intervention

Clinical Trials Registry - India (CTRI)
(http://www.ctri.in/Clinicaltrials/)
Last searched: 18 May 2010. This registry is now searched using the WHO ICTRP interface.
Searched for all trials matching any of the following text words: (stroke or cerebral or cerebrovascular or cva or brain or carotid or aneurysm or subarachnoid or haemorrhage or hemorrhage or aphasia or dysphasia or dysphagia or hemiplegia or hemiparesis or spasticity).

CRISP (Computer Retrieval of Information on Scientific Projects) (http://crisp.cit.nih.gov/).
Last searched: 15 May 2005 using the term "stroke".
Cuban Clinical Trial Registry/Registro Publico Cubano de Ensayos Clinicos
(http://registroclinico.sld.cu/)
Last searched: 8 August 2013. This registry is now searched using the WHO ICTRP interface. Search for trials containing the terms: stroke or cerebral or cerebrovascular or cva or apoplexy or brain or carotid or aneurysm or subarachnoid or haemorrhage or hemorrhage or aphasia or dysphasia or dysphagia or hemiplegia or hemiparesis or spasticity or fibrillation

German Clinical Trials Register (DRKS) Deutsches Register Klinischer Studien
(http://www.germanctr.de)
Last searched: 18 May 2010. This registry is now searched using the WHO ICTRP interface.
Study type: Interventional
Allocation: Randomized controlled trial

IRCT - Iranian Registry of Clinical Trials
(http://www.irct.ir/index.php)
Last searched: 9 July 2013. This registry is now searched using the WHO ICTRP interface. Text word search in Scientific title: stroke, cerebrovascular accident, cerebral, hemiplegia, hemiparesis, aphasia, dysphasia, dysphagia, carotid

JAPIC (Japan Pharmaceutical Information Center)
(http://www.clinicaltrials.jp/user/cte_main_e.jsp)
Last searched: 20 May 2010 for all trials with CONDITION: stroke or cerebral or cerebrovascular or cva or apoplexy or or brain or carotid or aneurysm or subarachnoid or haemorrhage or hemorrhage or aphasia or dysphasia or dysphagia or hemiplegia or hemiparesis or spasticity or carotid or fibrillation.

JMACCT (Japan Medical Association, Center for Clinical Trials)
(https://dbcentre3.jmacct.med.or.jp/jmactr/Default_Eng.aspx)
Last searched: 20 May 2010. All trials browsed.

ISRCTN Registry (http://www.isrctn.org) (formerly known as the metaRegister of Controlled Trials (mRCT)) (http://www.controlled-trials.com/mrct/) was searched in October 2003 using the term "stroke". This registry is now searched using the WHO ICTRP interface.

The National Research Register Projects Database 2001 Issue 1
CEREBROVASCULAR-DISORDERS*:ME
(((STROKE* or POSTSTROKE) or POST-STROKE) or CVA*)
(CEREBROVASCULAR or (CEREBRAL and VASCULAR))
(((CEREBRAL or CEREBELLAR) or BRAIN*) or VERTEBROBASILAR)
(((INFARCT* or ISCHAEMI*) or ISCHEMI*) or THROMBO*) or APOPLEXY)
((EMBOLI* or INSUFFICIENCY) or OCCLUSION)
(#5 or #6)
(#4 and #7)
CAROTID*
(((CEREBRAL or INTRACEREBRAL) or INTRACRANIAL) or PARENCHYMAL)
((BRAIN* or INTRAVENTRICULAR) or CEREBELLAR)
((INFRATENTORIAL or SUPRATENTORIAL) or SUBARACHNOID)
((#10 or #11) or #12)
(((HAEMORRHAGE or HEMORRHAGE) or HAEMATOMA*) or HEMATOMA*)
((BLEED* or ANEURYSM*) or VASOSPASM)
(#14 or #15)
(#13 and #16)
THROMBO*
(((INTRACRANIAL or SINUS) or SAGITTAL)
(#18 and #19)
TRANIENT and ISCH*)
(REVERSIBLE and ISCH*)
(VENOUS and MALFORMATION)
(ARTERIOVENOUS and MALFORMATION)
(#23 or #24)
(#13 and #25)
(RUPTURED and ANEURYSM*)
ANEURYSM-RUPTURED*:ME
(COMMUNICATING and ANEURYSM)
(((ISCHAEMIC or ISCHEMIC) or APOPLECTIC)
(((EVENT or EVENTS) or INSULT)
(#30 and #31)
CAROTID-ARTERIES*:ME
ENDARTECTOMY-CAROTID*:ME
(INTRACRANIAL and STENOSIS)
(LACUNAR or CORTICAL)
INFARCT*
(#36 and #37)
(ASYMPTOMATIC and (CERVICAL and BRUIT*))
APHASIA*:ME
HEMIANOPSIA*:ME
HEMIPLEGIA*:ME
(((APHASI* or APRAXIA) or DYSPHAS*) or DYSPHAG*) or HEMIANOP*)
(HEMINEGLECT or SPASTICITY)
(#43 or #44)
(HEMIPLEG* or HEMIPAR*)
(((UNILATERAL or VISUAL) or HEMISPATIAL) or ATTENTIONAL)
NEGLECT
(#47 and #48)
((((#1 or #2) or #3) or #8) or #9) or #17) or #20) or #21)
((((((#22 or #26) or #27) or #28) or #29) or #32) or #33) or #34) or #35)
((((#38 or #39) or #40) or #41) or #42) or #45) or #46) or #49)
((#50 or #51) or #52)

Nederlands Trial Register
www.trialregister.nl/trialreg/index.asp
Last searched: 12 August 2013. This registry is now searched using the WHO ICTRP interface.

Conditions searched: stroke, ischemic stroke, acute ischemic stroke, acute ischaemic stroke, lacunar stroke, post-stroke shoulder pain, cerebral aneurysm, cerebral bleeding, cerebral ischemia, cerebral small vessel disease, intracerebral haemorrhage, acquired brain injury, aneurysm, aneurysmal subarachnoid hemorrhage, intracranial aneurysm, subarachnoid hemorrhage, intraventricular haemorrhage, aphasia, dysphagia.

Trial keyword: stroke or cerebral or cerebrovascular or cva or apoplexy or or brain or carotid or aneurysm or subarachnoid or haemorrhage or hemorrhage or aphasia or dysphasia or dysphagia or hemiplegia or hemiparesis or spasticity or carotid or fibrillation or atherosclerosis.

Novo Nordisk Clinical Trials Registry
Last searched: 1 June 2009.
http://www.novonordisk-trials.com/website/content/trial-registry.aspx
Categories browsed: cerebral haemorrhage, intracerebral haemorrhage

Pan African Clinical Trials Registry (PACTR) (www.pactr.org/)
Last searched: 18 May 2010. This registry is now searched using the WHO ICTRP interface.
Searched for all trials with DISEASE / OTHER / STROKE and the following key words: (stroke or cerebral or cerebrovascular or cva or apoplexy or apoplectic or brain or carotid or aneurysm or subarachnoid or haemorrhage or hemorrhage or aphasia or aphasic or dysphasia or dysphasic or dysphagia or dysphagic or hemiplegia or hemiparetic or spasticity).

PROSPERO International database of prospectively registered systematic reviews
(http://www.crd.york.ac.uk/prospero/)
Last searched: 24 May 2018
Searched for all systematic reviews with the following text words in all fields: (stroke or cerebral or cerebrovascular or cva or brain or carotid or aneurysm or subarachnoid or haemorrhage or hemorrhage or aphasia or dysphasia or dysphagia or hemipleg or hemipar or spasticity).

South African National Clinical Trial Register
(http://www.sanctr.gov.za/).
Last searched: 18 May 2010
Disease categories: Heart and Blood Vessel Diseases, Nervous System Diseases

South Asian Database of Controlled Clinical Trials (SADICT)
http://www.cochrane-sadct.org/Default.aspx#
Last searched: 12 August 2013
Searched title, abstract, keywords using: stroke or cerebral or cerebrovascular or cva or apoplexy or brain or carotid or aneurysm or subarachnoid or haemorrhage or hemorrhage or aphasia or dysphasia or dysphagia or hemiplegia or hemiparesis or spasticity or fibrillation

Sri Lanka Clinical Trials Registry (SLCTR)
http://www.slc.tr.lk/
Last searched: 20 May 2010. This registry is now searched using the WHO ICTRP interface. All trials browsed.

**Stroke Trials Registry, the Internet Stroke Center**  
(www.strokecenter.org)  
Last searched: July 2009. All trials browsed.

**UMIN Clinical Trials Registry (UMIN-CTR)**  
http://www.umin.ac.jp/ctr/  
Last searched: 20 May 2010 for all trials with CONDITION: stroke or cerebral or cerebrovascular or eca or apoplexy or or brain or carotid or aneurysm or subarachnoid or haemorrhage or hemorrhage or aphasia or dysphasia or dysphagia or hemiplegia or hemiparesis or spasticity or carotid or fibrillation. This registry is now searched using the WHO ICTRP interface.

**UK Clinical Research Network (UKCRN) Portfolio Database**  
http://public.ukcrn.org.uk/search/  
Searched: 24 January 2014. All stroke trials browsed.

**US Community of Science National Institute of Health Grants Database**  
NIH Sponsored Clinical Trials, searched January 1997, via the Internet on http://medoc.gdb.org/bio/HGET/nih.pl, using the following search terms: 'stroke' in title, abstract, and keywords

**Hand searching**

As of January 2018 journal handsearching activities are under review.

**Journals**  
**Prospective handsearching of the following journals for all trials**  
Cerebrovascular Diseases (1991 to 2018) - ongoing  
Journal of Stroke and Cerebrovascular Disease (1991 to 2018) - ongoing  
Stroke (1970 to 2018) - ongoing  
European Stroke Journal (2016 to 2018) - ongoing  
International Journal of Stroke (2006 to 2018) - ongoing  
Topics in Stroke Rehabilitation (1994 to 2018) - ongoing  

**Prospective handsearching of the following journals for stroke trials only**  
Age and Ageing (2001 to 2008)  
Clinical Rehabilitation (1987 to 2018) - 2018 ongoing  
Archives of Physical Medicine and Rehabilitation (2000 to 2018) – 2018 ongoing  
Cerebrovascular Diseases Extra (2011 to 2018) - 2018 ongoing  
Dysphagia (1986 to 2013)  
European Journal of Neurology (2001 to 2007;14 Suppl 1)  
Journal of Neurologic Rehabilitation (now Neurorehabilitation and Neural Repair) (1987 to 2016) – 2018 ongoing
Neuropsychological Rehabilitation (2001 to 2005)
Stroke Research and Treatment (2010 to 2018) 2018 ongoing

Completed handsearching of the following journals for stroke trials only (no further searches)
Neurological Research (2001 to 2007)

Completed handsearching of the following journals for all trials (no further searches)
Acta Medica Portuguesa (1996 to 1997)
Age and Ageing (1995 to 2000)
Annals of the Academy of Medicine, Singapore (1972 to 1997)
Archives of Neurology (1983 to 1997)
Arquivos de Medicina (1996 to 1997)
Canadian Journal of Occupational Therapy (1980 to 1995)
Chinese Journal of Nervous and Mental Diseases (1980 to 1995)
European Journal of Neurology (1994 to 2000)
European Neurology (1968 to 1971)
Health Bulletin (1994 to 1999)
Heart Disease and Stroke (1992 to 1994)
Journal of Clinical Neuroscience (1994 to 2007)
Journal of Neurologic Rehabilitation (1987 to 1999)
Journal of Neurology (1983 to 1987)
Journal of Neuroscience Nursing (1979 to 1997)
Neurological Research (1984 to 2000)
Neurology (1987 to 1998)
Neurology India (1976 to 1980)
Neuropsychological Rehabilitation (1991 to 2000)
Rehabilitation Nursing (1988 to 1998)
Revista Portuguesa de Cardiologia (1990 to 1997)
Revista Portuguesa de Neurologia (1992 to 1994)
Surgical Neurology (1992)

**Retrospective handsearching of the following Japanese journals for stroke trials only (no further searches)**
Clinical Evaluation (1980 to April 1994)
Kiso To Rinshyo (1980 to April 1994)
Rinsho Ketsueki (1980 to April 1994)

**Conference proceedings**
(NB: Entries marked ** have only been searched for stroke trials; all others have been searched for all trials.)

**Stroke conferences**
1st European Stroke Conference, Dusseldorf, FRG, 10-12 May 1990 (Journal of Neurology 1990;237(2):129-161)
Joint 3rd World Stroke Congress and 5th European Stroke Conference, Munich, Germany, September 1-4, 1996 (Cerebrovascular Diseases 1996;6 (Suppl 2):1-192)
8th European Stroke Conference, Venice, Italy, April 7-10, 1999 (Cerebrovascular Diseases 1999;9 (Suppl 1):1-136)
16th European Stroke Conference, Glasgow, UK, 29 May-1 June 2007 (Cerebrovascular Diseases 2007;23 (Suppl 2):1-147)
19th European Stroke Conference, Barcelona, Spain, 25-28 May 2010 (Cerebrovascular Diseases 2010;29 (Suppl 2))
20th European Stroke Conference, Hamburg, Germany, 24-27 May 2011 (Cerebrovascular Diseases 2011;31 (Suppl 2):1-341)
23rd European Stroke Conference, Nice, France, 6-9 May 2014 (Cerebrovascular Diseases 2014;37 (Suppl 1):1-709)

**2nd European Stroke Organisation Annual Conference, Barcelona, Spain, 10-12 May 2016 (European Stroke Journal 2016;1 Suppl:3-814)
**3rd European Stroke Organisation Annual Conference, Prague, Czech Republic, 16-18 May 2017 (European Stroke Journal 2016;2 Suppl :3-562)

1st International Conference on Stroke, Geneva, Switzerland, May 30-June 1, 1991
3rd International Conference on Stroke, Prague, Czech Republic, October 18-21, 1995
4th International Conference on Stroke, Marrakech, Morocco, 4-7 March 1998 (European Journal of Neurology 1998;5(Suppl 1))


1st Scandinavian Meeting on Cerebrovascular Disease, Umea, Sweden, October 20-22, 1982 (Acta Neurologica Scandinavica 1982;66(91)

2nd Scandinavian Meeting on Cerebrovascular Disease, Copenhagen, Denmark, 24-25 September, 1984

3rd Scandinavian Meeting on Cerebrovascular Disease, Helsinki, Finland, 4-5 November, 1985 (Acta Neurologica Scandinavica 1986;73:514-551)

4th Scandinavian Meeting on Cerebrovascular Disease, Oslo, Norway, 10-13 October, 1987

5th Scandinavian Meeting on Cerebrovascular Disease, Lund, Sweden, 26-29 August, 1989

6th Scandinavian Meeting on Cerebrovascular Disease, Odense, Denmark, 28 September - 1 October, 1991

7th Scandinavian Meeting on Cerebrovascular Diseases, Jyvaskyla, Finland, 14-17 August, 1993

8th Scandinavian Meeting on Cerebrovascular Diseases, Trondheim, Norway, 26-29 August, 1995

9th Scandinavian Meeting on Cerebrovascular Diseases, Uppsala, August 16-19, 1997.

First Joint Meeting on Stroke and Cerebral Circulation, Dallas, Texas, February 27-28, 1976 (Stroke 1976;7)

Second Joint Meeting on Stroke and Cerebral Circulation, Miami, Florida, February 25-26 1977 (Stroke 1977;8(1))


Fourth Joint Meeting on Stroke and Cerebral Circulation, Phoenix, Arizona, February 8-10, 1979 (Stroke 1979;10(1):95-108)


Sixth Joint Meeting on Stroke and Cerebral Circulation, Los Angeles, California, February 12-14, 1981 (Stroke 1981;12(1):116-130)


Eighth International Joint Conference on Stroke and Cerebral Circulation, San Diego, California, February 10-12, 1983 (Stroke 1983;14(1):119-134)

Ninth International Joint Conference on Stroke and Cerebral Circulation, Tampa, Florida, February 16-18, 1984 (Stroke 1984;15:182-)

Tenth International Joint Conference on Stroke and Cerebral Circulation, New Orleans, Louisiana, February 21-23, 1985 (Stroke 1985;16:134-151)
11th International Joint Conference on Stroke and Cerebral Circulation, San Francisco, California, February 6-8, 1986 (Stroke 1986;17(1):149-170)
13th International Joint Conference on Stroke and Cerebral Circulation, San Diego, California, February 18-20, 1988 (Stroke 1988;19(1))
14th International Joint Conference on Stroke and Cerebral Circulation, San Antonio, Texas, February 9-11, 1989 (Stroke 1989;20(1))
15th International Joint Conference on Stroke and Cerebral Circulation, Orlando, Florida, February 15-17, 1990 (Stroke 1990;21(1))
16th International Joint Conference on Stroke and Cerebral Circulation, San Francisco, California, February 21-23, 1991
17th International Joint Conference on Stroke and Cerebral Circulation, Phoenix, Arizona, January 30-February 1, 1992 (Stroke 1992;23(1):133-165)
18th International Joint Conference on Stroke and Cerebral Circulation, Miami Beach, Florida, February 11-13, 1993 (Stroke 1993;24:160-191)
19th International Joint Conference on Stroke and Cerebral Circulation, San Diego, California, February 17-19, 1994 (Stroke 1994;25(1))
20th International Joint Conference on Stroke and Cerebral Circulation, Charleston, South Carolina, February 9-11, 1995 (Stroke 1995;26(1))
22nd International Joint Conference on Stroke and Cerebral Circulation, Anaheim, California, February 6-8, 1997
24th International Conference on Stroke and Cerebral Circulation, Nashville, Tennessee, February 4-6, 1999 (Stroke 1999;30(1):232-279)
27th International Stroke Conference, San Antonio, Texas, USA, 7-9 February 2002 (Stroke 2002;33:327-420)
29th International Stroke Conference, San Diego, California, USA, 5-7 February 2004 (Stroke 2004;35:234-340)
2010 International Stroke Conference, San Antonio, Texas, USA, 24-26 February 2010 (Stroke 2010; published online 22 February 2010)
2012 International Stroke Conference, New Orleans, Louisiana, USA, 31 January - 3 February 2012 (Stroke 2012;43(2 Meeting Abstracts))
2013 International Stroke Conference, Honolulu, Hawaii, USA, 6-8 February 2013 (Stroke 2013;Issue 2 Meeting Abstracts)
2014 International Stroke Conference, San Diego, California, USA, 12-14 February 2014 (Stroke 2014;45(Suppl 1))
2016 International Stroke Conference and State-of-the-Science Stroke Nursing Symposium, Los Angeles, California, USA, 17-19 February 2016 (Stroke 2016;47(Suppl 1))

1st Canadian Stroke Congress, Quebec City, Canada, 7-8 June 2010 (Stroke 2010;41(7):e473-510)
2nd Canadian Stroke Congress, Ottawa, Canada, 2-4 October 2011 (Stroke 2011;42(11):e586-629)
3rd Canadian Stroke Congress, Calgary, Canada, 29 September - 2 October 2012 (Stroke 2012;43(ii):e115-e162)
2013 Canadian Stroke Congress, Montreal, Canada, 17-20 October 2013 (Stroke 2013;44(12):e174-e228)
2014 Canadian Stroke Congress, Vancouver, Canada, 4-7 October 2014 (Stroke 2014;45(12):e259-298)
2016 Canadian Stroke Congress, Quebec City, Canada, 15-17 September 2016 (International Journal of Stroke 2016;11 Issue Suppl S2:4-88)

11th Nordic Meeting on Cerebrovascular Diseases and 2nd Biennial Kuopio Symposium on Ischaemic Stroke, Kuopio, Finland, August 11-14, 2001
12th Nordic Meeting on Cerebrovascular Diseases, Oslo, Norway, 17-20 September 2003.

Stroke '98. Meeting on Cerebrovascular Diseases, Florence, Italy, 23-24 February 1998
Second World Congress of Stroke, Washington DC, September 8-12, 1992 (Journal of Stroke and Cerebrovascular Diseases 1992;2(Suppl 1))
**8th World Stroke Congress 2012, Brasilia, Brazil, 10-13 October 2012
** 10th World Stroke Congress 2016, Hyderabad, India 26-29 October 2016 (International Journal of Stroke;11 Issue Suppl S3:3-307)
Stroke Association 8th Scientific Conference 2003, 11-12 September 2003, Aston University, Birmingham, UK


7th International Symposium on Thrombolysis and Acute Stroke Therapy, Lyon, France, 27-28 May 2002

7th International Conference on Cerebral Vasospasm, June 2000, Interlaken, Switzerland (Acta Neurochirurgica 2001;143/S2 Suppl 77:1-265)

Stroke Society of Australasia, Annual Scientific Meeting, 9-10 October 1992, Perth, Western Australia (Australian and New Zealand Journal of Medicine 1993;23(2):223-233)
Stroke Society of Australasia 1994 Annual Scientific Meeting (Journal of Clinical Neuroscience 1995;2(1))
Stroke Society of Australasia 1995 Annual Scientific Meeting, Melbourne, Australia, 4-6 October 1995


Stroke Society of Australasia and Stroke Nursing Symposium, Annual Scientific Meeting, Melbourne, Victoria, Australia, 6-9 September 2005 (Internal Medicine Journal 2006;36:A1-A14)


**Stroke Society of Australasia Annual Scientific Meeting, 17-19 October 2007, Perth, Australia (Internal Medicine Journal 2007;37 Suppl S4;A89-A124)


** Combined meeting of the 6th Asia Pacific Conference Against Stroke and the 20th Stroke Society of Australia, 6-10 September 2009, Cairns, Australia (International Journal of Stroke 2009;4 Suppl 1:1-31)

**Stroke Society of Australasia 21st Annual Scientific Meeting, 1-3 September 2010, Melbourne, Australia (International Journal of Stroke 2010;5 Suppl s1:1-49)


Combined event of the Stroke Society of Australasia 2012 Annual Scientific Meeting and the 8th Smart Strokes Australasian Nursing and Allied Health Stroke Conference, 29-31 August 2012, Sydney, Australia (International Journal of Stroke 2012;7(Suppl s1):1-74)


** 25th Annual Scientific Meeting of the Stroke Society of Australasia, 30 July - 1 August 2014, Hamilton Island, Queensland, Australia (International Journal of Stroke 2014;9 Issue Suppl S1;1-53)


Asia Pacific Stroke Conference 2012, 10-12 September 2012, Tokyo, Japan (Cerebrovascular Diseases 2012;34(Suppl 1):1-138)
Asia Pacific Stroke Conference 2013, 30 August - 1 September 2013, Hong Kong (Cerebrovascular Diseases 2013;36(Suppl 1):1-94)
Asia Pacific Stroke Conference 2014, 12-14 September 2014, Taipei, Taiwan (Cerebrovascular Diseases 2014;38(Suppl 1):1-114)
Asia Pacific Stroke Conference 2015, 2-4 October 2015, Kuala Lumpur, Malaysia (Cerebrovascular Medicine 2015;40(Suppl 1):1-76)

British Association of Stroke Physicians (BASP). Annual Conference 2003, North Staffordshire Medical Institute, Stoke-on-Trent, UK, 22 January 2003
British Association of Stroke Physicians (BASP). Annual Scientific Meeting 2005, Newcastle upon Tyne, 19 January 2005


4th Chinese Stroke Conference, 1995


International Congress on Stroke Rehabilitation, Berlin, November 1993


1994 International Stroke Symposium, Bombay, India

4th International Symposium on Thrombolytic Therapy in Acute Ischemic Stroke, Copenhagen, Denmark, May 30-June 1, 1996 (Cerebrovascular Diseases 1996;6:175-194)
9th International Symposium on Thrombolysis and Acute Stroke Therapy (TAST 2006), Hong Kong, 2-3 December 2006 (International Journal of Stroke 2006;1 Suppl 2:1-60)

1994 Conference on Recent Advances in the Understanding and Treatment of Ischemic Stroke, Philidelphia, USA, 30 November - 1 December 1994

3rd South American Conference on Cerebrovascular Diseases, Buenos Aires, Argentina, 15-18 June, 1994

Pan-European Consensus Meeting on Stroke Management, Helsingborg, Sweden, 8-10 November 1995


Proceedings of the International Stroke Society 1st Regional Meeting at Yokohama, Yokohama, Japan, April 22-24, 1999 (Journal of Stroke and Cerebrovascular Disease 2000;9 (2 Suppl 1))

Abstracts of the 1999 General Congress of the Taiwan Stroke Society, Taipei, Taiwan, March 5-6, 1999 (Acta Neurologica Taiwanica 1999;8:118-)

Abstracts of General Congress of the Taiwan Stroke Society, Kaohsiung, Taiwan, March 4-5, 2000 (Acta Neurologica Taiwanica 2000;9:160-)

Abstracts of the 2nd Taipei Symposium of Cerebrovascular Disease, Taipei, Taiwan, June 8-9, 2000 (Acta Neurologica Taiwanica 2000;9:190-)

2003 Annual Meeting of Taiwan Stroke Society, Taipei, Taiwan, 22-23 March 2003


The 18th Salzburg Conference Research Group on Cerebrovascular Disease, Nikko, Japan, 25-28 September 1995 (Journal of Stroke and Cerebrovascular Diseases 1996;6(1 Suppl 1))


New Developments in TIA and Stroke Care: Leading Stroke Experts Workshop, Malaga, Spain, 4-6 October 2002. Boehringer Ingelheim.

11th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics, Dusseldorf, Germany, 14-16 May 2006. Cerebrovascular Diseases 2006;21(Suppl 3):1-70
Neurosonology Conference 2007 (12th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics), Budapest, Hungary, 26-29 May 2007 (Cerebrovascular Diseases 2007;23 Suppl 1:1-76)
13th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics, Genova, Italy, 10-13 May 2008 (Cerebrovascular Diseases 2008;25 Suppl 1:1-68)
15th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics, Madrid, Spain, 22-25 May 2010 (Cerebrovascular Diseases 2010;29 (Suppl 1):1-66)
16th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics, Munich, Germany, 20-23 May 2011 (Cerebrovascular Diseases 2011;31 (Suppl 1):1-74)
17th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics, Venice, Italy, 17-20 May 2012 (Cerebrovascular Diseases 2012;33 Suppl 1:1-83)
18th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics, Porto, Portugal, May 2013 (Cerebrovascular Diseases 2013;35 Suppl 2:1-77)
19th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics, Rome, Italy, 10-13 May 2014 (Cerebrovascular Diseases 2014;37 Suppl 2)
20th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics, Zadar, Croatia, 7-11 May 2015 (Cerebrovascular Diseases 2015;39 Suppl 1:1-52)
21st Meeting of the European Society of Neurosonology and Cerebral Hemodynamics, Budapest Hungary, 13-16 May 2016 (Unpublished).
22nd Meeting of the European Society of Neurosonology and Cerebral Hemodynamics (ESNCH), Berlin, Germany, 19-21 May 2017 (International Journal of Stroke 2017;12 Suppl S1: 4-60)

First International Sonothrombolysis Conference, Mannheim/Heidelberg, Germany, 4-5 July 2008 (Cerebrovascular Diseases 2008;26 Suppl 1; 1-18)

26th Princeton Conference on Cerebrovascular Disease, Houston, Texas, USA, 27-30 March 2008 (Stroke 2009;40(3 Suppl 1):s1-s154)
27th Princeton Conference, Boston, Massachusetts, USA, 22-24 April 2010 (Stroke 2010;41(10 Suppl 1):s1-s158)
28th Princeton Conference, Cincinnati, Ohio, USA, 17-19 May 2012 (Stroke 2013;44(6 Suppl 1))

Joint World Congress on Stroke, 26-29 October 2006, Capetown, South Africa. International Journal of Stroke 2006;1(Suppl1)

UK Stroke Forum Conference, the Stroke Association, Harrogate, UK, 7-8 December 2006
2nd UK Stroke Forum Conference, Harrogate, UK, 4-6 December 2007

3rd UK Stroke Forum Conference, Harrogate, UK, 2-4 December 2008

**4th UK Stroke Forum Conference, Glasgow, UK, 1-3 December 2009


3rd International Workshop on Atherothrombotic Disease and Cerebral Ischemia, Madrid, Spain, 4-5 June 2005 (Cerebrovascular Diseases 2005;20(Suppl 2):1-178

2nd International Congress of Central and Eastern European Stroke Society, Warsaw, Poland, 3-5 April 2008

** 2nd International Conference on Hypertension, Lipids, Diabetes and Stroke Prevention, Prague, Czech Republic, 6-8 March 2008

Third International Stroke Summit, Wuhan, China, 1-3 November 2007 (Cerebrovascular Diseases 2007;24:483-494)

Fourth International Stroke Summit, Nanjing, China, 25-27 July 2008 (Cerebrovascular Diseases 2008;26:212-222)

Fifth International Stroke Summit, Nanjing, China, 17-19 July 2009 (Cerebrovascular Diseases 2009;28:209-219)

Sixth International Stroke Summit, Nanjing, China, 9-11 July 2010 (Cerebrovascular Diseases 2010;30:207-219)

7th International Stroke Summit, Nanjing, China, 8-10 July 2011 (Cerebrovascular Diseases 2011;32 Suppl 1:1-10)

8th International Stroke Summit, Nanjing, China, 6-8 July 2012 (Cerebrovascular Diseases 2012;34(1):1-12)


European Stroke Science Workshop, 15-17 December 2011, Garmisch-Partenkirchen, Germany (Cerebrovascular Diseases 2012;34:95-105)

International TIA/ACVS Conference, Tokyo, Japan, November 15-16 2013 (Cerebrovascular Diseases 2013;36(Suppl 2):1-52)

Stroke and Hypertension Congress, 22-24 August 2014, Southern Sun Elangeni, Durban, South Africa (www.strokeandhypertension2014.co.za)

Neurology conferences
**42nd Annual Meeting of the American Academy of Neurology, Florida, USA, 30 April-6 May 1990 (Neurology 1990;40(4 Suppl 1))
49th Annual Meeting of the American Academy of Neurology, Boston, MA, April 12-19, 1997 (Neurology 1997;48(3 Suppl))
**56th Annual Meeting of the American Academy of Neurology, San Francisco, CA, April 24 - 1 May, 2004 (Neurology 2004;62 (7 Suppl 5))  
**68th Annual Meeting of the American Academy of Neurology (AAN), Vancouver, BC, Canada, 15-21 April 2016 (Neurology 2016;86 (16 Suppl))

123rd Annual Meeting of the American Neurological Association, Montreal, Quebec, Canada, October 18-21, 1998 (Annals of Neurology 1998;44(3))

Australian Association of Neurologists Annual Scientific Meeting, 1997 (Journal of Clinical Neuroscience 1997;4:382-412)

Neurological Society of Australasia, Annual Scientific Meeting, 2-7 October 2000 (Journal of Clinical Neuroscience 2001;8(2):190-198

First Joint Meeting of the Neurological Section of the Austrian Society of Neurologists and Psychiatrists and the Spanish Society of Neurology, Neurologia 1992;7(6)

Proceedings of the Association of British Neurologists, St Mary's Hospital (Imperial College), London, 5-6 September 1991 (Journal of Neurology, Neurosurgery, and Psychiatry 1994;57:507-524)
Meeting of the Association of British Neurologists and Nederlandse Vereniging voor Neurology, Aviemore, UK, 4-6 May, 1994 (Journal of Neurology, Neurosurgery, and Psychiatry 1994;57:1285-1299)
Meeting of the Association of British Neurologists and the Society of British Neurological Surgeons, University of Liverpool, 5-7 April 1995 (Journal of Neurology, Neurosurgery, and Psychiatry 1995;59:200-218)


**Proceedings of the Association of British Neurologists from the joint meeting with the Australian Association of Neurologists, Sydney, Australia 29 April-2 May 1997 (Journal of Neurology Neurosurgery and Psychiatry 1997;63(5):690-699)


**Proceedings of the Association of British Neurologists, Brighton, United Kingdom, 28-31 May 2012 (Journal of Neurology Neurosurgery and Psychiatry 2012;83 Suppl 2)**

XVIII Canadian Congress of Neurological Sciences, St John's, Newfoundland, June 21-25, 1983 (Canadian Journal of Neurological Sciences 1983;10(2))
XIX Canadian Congress of Neurological Sciences, Edmonton, Alberta, June 26-30 1984 (Canadian Journal of Neurological Sciences 1984;11(2))

29th Meeting of the Canadian Congress of Neurological Sciences, St John's, Newfoundland, June 27-30 1994 (Canadian Journal of Neurological Sciences 1994;21(2 Suppl 2))
30th Meeting of the Canadian Congress of Neurological Sciences, Victoria, British Columbia, June 20-24, 1995 (Canadian Journal of Neurological Sciences 1995;22(2 Suppl 1))
32nd Meeting of the Canadian Congress of Neurological Sciences, Saskatoon, Saskatchewan, July 24-28, 1997 (Canadian Journal of Neurological Sciences 1997;24(2 Suppl 1))
34th Meeting of the Canadian Congress of Neurological Sciences, Edmonton, Alberta, June 15-19 1999 (Canadian Journal of Neurological Sciences 1999;26(Suppl 1))

1993 Meeting of the European Federation of Neurological Sciences, Berlin, December 8-11, 1993
1994 Meeting of the European Federation of Neurological Sciences, Poznan, Poland, November 24-26, 1994
First Congress of the European Federation of Neurological Societies, Marseille, France, 9-14 September, 1995
Meeting of the European Federation of Neurological Societies, Prague, Czech Republic, 4-8 June 1997 (European Journal of Neurology 1997;4(Suppl 1))
Meeting of the European Federation of Neurological Societies, Seville, Spain, 19-25 September 1998 (European Journal of Neurology 1998;5(Suppl 3))
4th Congress of the European Federation of Neurological Sciences, Lisbon, Portugal, 7-11 September 1999 (European Journal of Neurology 1999;6(Suppl 1))
5th Congress of the European Federation of Neurological Societies, Copenhagen, Denmark, 14-18 October 2000 (European Journal of Neurology 2000;7(Suppl 3))

**6th Congress of the European Federation of Neurological Societies, Vienna, Austria, 26-29 October 2002 (European Journal of Neurology 2002;9(Suppl 2))

7th Congress of the European Federation of Neurological Societies, Helsinki, Finland, 30 August-2 September 2003 (European Journal of Neurology 2003;10(Suppl 1))

8th Congress of the European Federation of Neurological Societies, Paris, France, 4-7 September 2004 (European Journal of Neurology 2004;11(Suppl 2))

9th Congress of the European Federation of Neurological Societies, Athens, Greece, 17-20 September 2005 (European Journal of Neurology 2005;12(Suppl 2))

10th Congress of the European Federation of Neurological Societies, Glasgow, UK (European Journal of Neurology 2006;13(Suppl 2):1-326)


**12th Congress of the European Federation of Neurological Societies, Madrid, Spain, 2008 (European Journal of Neurology 2008;15(3);1-444)

**13 Congress of the European Federation of Neurological Societies, Florence, Italy, 12-15 September 2009 (European Journal of Neurology 2009;16(s3):1-702)

**14th Congress of the European Federation of Neurological Societies, Geneva, Switzerland, 25-28 September 2010 (European Journal of Neurology 2010; 17(s3):1-692)

1st Meeting of the European Neurological Society, Nice, France, 19-22 June 1988 (Journal of Neurology 1988;235(Suppl))


3rd Meeting of the European Neurological Society, Lausanne, Switzerland, 27 June - 1 July, 1992 (Journal of Neurology 1992;239(Suppl 2))

4th Meeting of the European Neurological Society, Barcelona, Spain, 25-29 June, 1994 (Journal of Neurology 1994;241(Suppl 1))

5th Meeting of the European Neurological Society, Munich, Germany, 17-21 June, 1995 (Journal of Neurology 1995;242(Suppl 2))


7th Meeting of the European Neurological Society, Rhodes, Greece, 14-18 June 1997 (Journal of Neurology 1997;244 (Suppl 3))

Ninth Meeting of the European Neurological Society, Milan, Italy, 5-9 June 1999 (Journal of Neurology 1999;246(Suppl 1):I/1-I/196)


**Twelfth Meeting of the European Neurological Society, Berlin, Germany, 22-26 June 2002 (Journal of Neurology 2002;249(Suppl 1):I/1-I/224)

**Thirteenth Meeting of the European Neurological Society, Istanbul, Turkey, 14-18 June 2003 (Journal of Neurology 2003;250(Suppl 2):II/1-II/224)

** Fifteenth Meeting of the European Neurological Society, Vienna, Austria, 18-22 June 2005 (Journal of Neurology 2005;252(Suppl 2):II/1-II/159)
**Sixteenth Meeting of the European Neurological Society, Lausanne, Switzerland, 27-31 May 2006 (Journal of Neurology 2006;253(Suppl 2):II/1-II/170)**

**Nineteenth Meeting of the European Neurological Society, Milan, Italy, 20-24 June 2009 (Journal of Neurology 2009;256 Suppl 2: S1-S266)**

Spring Meeting of the Portuguese Neurological Society, Espinho, May 27-29, 1993 (Revista Portuguesa de Neurologia 1993;2(Suppl))

Autumn Meeting of the Portuguese Neurological Society, Evora, November 12-13 1993 (Revista Portuguesa de Neurologia 1993;2(Suppl))

Spring Meeting of the Portuguese Neurological Society, Coimbra, May 20-21 1994 (Revista Portuguesa de Neurologia 1994;3(Suppl 1))

Autumn Meeting of the Portuguese Neurological Society, Porto, November 25-26 1994 (Revista Portuguesa de Neurologia 1994;3(Suppl))

Spring Meeting of the Portuguese Neurological Society, May 26-27 1995 (Revista Portuguesa de Neurologia 1995;4(Suppl))

Autumn Meeting of the Portuguese Neurological Society, Coimbra, November 24-25 1995 (Revista Portuguesa de Neurologia 1995;4(Suppl))

Joint Meeting of the Austrian and Portuguese Neurological Societies, Porto, May 10-11 1996 (Revista Portuguesa de Neurologia 1996;5(Suppl))

Meeting of the Portuguese Neurological Society, Lisboa, May 9-10 1997 (Revista Portuguesa de Neurologia 1997;6(Suppl))

XIIIth World Congress of Neurology, Hamburg, Germany, September 1-6, 1985 (Journal of Neurology 1985;232(Suppl):1-306)

XVth World Congress of Neurology, Vancouver, Canada, September 5-10, 1993 (The Canadian Journal of Neurological Sciences 1993;20(4):S1-S270)

XVI World Congress of Neurology, Buenos Aires, Argentina, 14-19 September 1997 (Journal of the Neurological Sciences 1997;150(Suppl):S1-S367)


**XVIII World Congress of Neurology, Sydney, Australia, 5-11 November 2005 (Journal of the Neurological Sciences 2005;238(Suppl 1):s1-s570)**

**19th World Congress of Neurology, Bangkok, Thailand, 24-30 October 2009 (Journal of the Neurological Sciences 2009;285:s1-s339)**


1st American-Czech and Slovak Neuroscience Symposium and 21st Czech and Slovak Neuroscience Symposium 1994

51st Meeting of the Spanish Society of Neurology, Barcelona, Spain, December 16, 1998 (Cerebrovascular Diseases 1999;9(Suppl 3))

XLV Reunion Anual de la Sociedad Espanola de Neurologia, Barcelona 1993. Neurologia 1993;8(10)

10th Thessaloniki Conference of the South-East European Society for Neurology and Psychiatry, Vienna, Austria, October 6-8, 1994


**2nd World Conference of Chinese Neurologists and 14th Annual Scientific Meeting of the Hong Kong Neurological Society, 10-11 November 2001, Hong Kong (Hong Kong Medical Journal 2001;7(4 Suppl 1):1-48)


**Proceedings of Clinical Neurosciences, Torquay, Devon, UK, 7-9 September 2005 (Journal of Neurology Neurosurgery and Psychiatry 2006;77:126-142)


European consensus conference on unruptured brain AVMs treatment (Supported by EANS, ESMINT, EGKS, and SINCH) (Acta Neurochirurgica 2017;159(6):1059-1064)


**2nd Congress of the European Academy of Neurology. Copenhagen, Denmark, 28-31 May 2016 (European Journal of Neurology 2016;23 Issue Suppl S2: i–v, 1–951)

**Neurosurgery conferences**
124th Meeting of the Society of British Neurological Surgeons, Royal London Hospital, 21-22 April 1994 (Journal of Neurology, Neurosurgery, and Psychiatry 1994;57:1148-1156)
125th Meeting of the Society of British Neurological Surgeons, University of Dundee, 7-9 September 1994 (Journal of Neurology, Neurosurgery, and Psychiatry 1995;58:116-124)


Neurosurgical Society of Australasia, Annual Scientific Meeting, Hamilton Island, September 1999 (Journal of Clinical Neuroscience 2001;8(1):84-95)
Neurosurgical Society of Australia, Annual Scientific Meeting, Queenstown, New Zealand August 2003 (Journal of Clinical Neuroscience 2004;11(1):102-117)

8th European Congress of Neurosurgery, September 6-11, 1987, Barcelona, Spain (Acta Neurochirurgica 1988;(Suppl 4)2 (Volume 1) and (Suppl 4)3 (Volume 2))


Neurological Surgery 2005. 13th World Congress, 19-24 June 2005, Marrakesh, Morocco

Rehabilitation conferences
**1st World Congress of ISPRM, Amsterdam, The Netherlands, July 7-13, 2001 (http://www.isprm.org/abstracts/)
**2nd World Congress of ISPRM, Prague, Czech Republic, 18-22 May, 2003 (http://www.monduzzi.com/proceedings/moreinfo/20030519.htm)
**3rd World Congress of ISPRM, Sao Paulo, Brazil, 10-15 April 2005

59th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Atlanta, Georgia, November 13-16, 1997 (Archives of Physical Medicine and Rehabilitation 1997;78:1022)

61st Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Washington DC, November 11-14, 1999 in conjunction with the 13th World Congress of the International Federation of Physical Medicine and Rehabilitation (Archives of Physical Medicine and Rehabilitation 1999;80:1118-1206)

**64th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation** in conjunction with the American Hospital Section for Long-Term Care and Rehabilitation and the American Medical Rehabilitation Providers Association (Archives of Physical Medicine and Rehabilitation 2003;84:A1-A43)

**65th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation** in conjunction with the American Hospital Section for Long-Term Care and Rehabilitation and the American Medical Rehabilitation Providers Association (Archives of Physical Medicine and Rehabilitation 2004;85:E1-E55)

**67th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Honolulu, HI, USA, 9-12 November 2006 (Archives of Physical Medicine and Rehabilitation;87:E1-E8)


66th Annual Session of the American Congress of Rehabilitation Medicine, San Antonio, Texas, November 5-10, 1989 (Archives of Physical Medicine and Rehabilitation 1989;70)

1990 Scientific Meeting of the American Congress of Rehabilitation Medicine (ACRM) and the American Academy of Physical Medicine and Rehabilitation, Phoenix, Arizona, 21-26 October 1990 (Archives of Physical Medicine and Rehabilitation 1990;71:758-835)


73rd Annual Meeting of the American Congress of Rehabilitation Medicine (ACRM), Chicago, Illinois, October 12-14, 1996 (Archives of Physical Medicine and Rehabilitation 1996;77:830)

74th Annual Meeting of the American Congress of Rehabilitation Medicine (ACRM), Boston, Massachusetts, USA, 11-14 September 1997 (Archives of Physical Medicine and Rehabilitation 1997;78:896)

76th Annual Meeting of the American Congress of Rehabilitation Medicine (ACRM), Orlando, Florida, USA, October 14-17,1999 (Archives of Physical Medicine and Rehabilitation 1999;80:968-981)

**80th Annual Assembly of the American Congress of Rehabilitation Medicine/10th Annual Meeting of the American Society of Neurorehabilitation (Archives of Physical Medicine and Rehabilitation 2003;84:A1-A12)

**81st Annual Assembly of the American Congress of Rehabilitation Medicine/11th Annual Meeting of the American Society of Neurorehabilitation (Neurorehabilitation and Neural Repair 2004;18(4) and Archives of Physical Medicine and Rehabilitation 2004;85(8):E1-16)

**American Congress of Rehabilitation Medicine/American Society of Neurorehabilitation Annual Meeting, Chicago, USA, 28 September-1 October 2005 (Neurorehabilitation and Neural Repair 2005;19(4):360-93)

**American Congress of Rehabilitation Medicine/American Society of Neurorehabilitation, Boston, MA, USA, 27 September-1 October 2006 (Archives of Physical Medicine and Rehabilitation 2006;87:E1-E11)

**84th Annual Meeting of the American Congress of Rehabilitation Medicine (ACRM)/14th Annual Meeting of the American Society of Neurorehabilitation (ASNR), Washington DC, USA, 3-7 October 2007 (Neurorehabilitation and Neural Repair 2007;21(6):E1-E25)

**93rd Annual American Congress of Rehabilitation Medicine Annual Conference (ACRM)/Progress in Rehabilitation Research (PIRR) Chicago Illinois, USA 30 October – 4 November 2016 (Archives of Physical Medicine and Rehabilitation 2016;97(10):e1-e153

American Society of Neurorehabilitation 4th Annual Meeting, Boston, Massachusetts, USA, 10-12 April 1997 (Journal of Neurologic Rehabilitation 1997;11:127-138)

**American Society of Neurorehabilitation 7th Annual Meeting, San Diego, California, USA, 27-29 April, 2000 (Neurorehabilitation and Neural Repair 2000;14:77-83)

American Society of Neurorehabilitation Annual Meeting 2013, San Diego, California, USA, 7-8 November 2013 (Neurorehabilitation and Neural Repair 2014;28; NP1-NP25)


Proceedings of the Society for Research in Rehabilitation, Coventry University, Coventry, 11-12 July 1996 (Clinical Rehabilitation 1997;11:81-89)
Proceedings of the Society for Research in Rehabilitation, Glasgow, 10 June 2004 (Clinical Rehabilitation 2004;18:929-932)
Proceedings of the Society for Research in Rehabilitation, Southampton, 7-8 July 2005 (Clinical Rehabilitation 2006;20:637-643)
Proceedings of the Society for Research in Rehabilitation, Manchester, 17 January 2006 (Clinical Rehabilitation 2006;20:731-736)
Proceedings of the Society for Research in Rehabilitation, Derby, UK, 3 February 2009 (Clinical Rehabilitation 2009;23:756-763)
Proceedings of the Society for Research in Rehabilitation Summer Meeting, Sheffield, UK, 7-8 July 2010 (Clinical Rehabilitation 2011;25(10):953-959)
Proceedings of SRR Summer Meeting, Nottingham, UK, 2 July 2013 (Clinical Rehabilitation 2014;28(4):403-415)
British Society of Rehabilitation Medicine and the Netherlands Society of Rehabilitation and Physical Medicine, Amsterdam, the Netherlands, 20-30 October, 1999 (Clinical Rehabilitation 2000;14:553-561)

International Congress on Stroke Rehabilitation, Berlin, Germany, November 21-24 1993 (organised by the German Society of Neurological Rehabilitation and the American Society of Neurorehabilitation)
**Annual Meeting of the German Society of Neurological Rehabilitation, Weimar, Germany, 27-29 November 2003 (Neurologie und Rehabilitation 2003;9(6):s1-s17)


2nd World Congress on Neurological Rehabilitation, Toronto, Ontario, Canada, 14-17 April, 1999 (Neurorehabilitation and Neural Repair 1999;13(1))
**3rd World Congress on Neurological Rehabilitation, Venice, Italy, 2-6 April 2002**
(Neurorehabilitation and Neural Repair 2001;15(4); 2002;16(1); 2002;16(2))

**4th World Congress for NeuroRehabilitation, Hong Kong, 12-16 February 2006**
(Neurorehabilitation and Neural Repair 2006;20:51-232)

**5th World Congress for NeuroRehabilitation, Brasilia, Brazil, 24-27 September 2008**
(Neurorehabilitation and Neural Repair 2008;22(5):515-640)

7th World Congress for NeuroRehabilitation, Melbourne, Australia, 16-19 May 2012
(Neurorehabilitation and Neural Repair 2012;26:654-804)

2nd National Rehabilitation Research Conference. Canadian Journal of Rehabilitation 1993;7(1)


Seventh Annual Dysphagia Research Society Meeting, New Orleans, Louisiana, USA, October 15-17, 1998 (Dysphagia 1999;14:116-121)


Ninth Annual Dysphagia Research Society Meeting, Savannah, Georgia, USA, October 26-28, 2000 (Dysphagia 2001;16:146-150)

**Tenth Annual Dysphagia Research Society Meeting, Albuquerque, New Mexico, USA, 11-13 October 2001 (Dysphagia 2002;17:174-178)

**Eleventh Annual Dysphagia Research Society Meeting, Miami, Florida, USA, 3-5 October, 2002 (Dysphagia 2003;18:151-157)

**Twelfth Annual Dysphagia Research Society Meeting, San Francisco, California, USA, 2-4 October 2003 (Dysphagia 2005;20:68-86)

**Thirteenth Annual Dysphagia Research Society Meeting, Montreal, Quebec, Canada, 14-16 October 2004 (Dysphagia 2005;20(4):344-387)


**Fifteenth Annual Dysphagia Research Society Meeting, Vancouver, British Columbia, Canada, 8-10 March 2007 (Dysphagia 2007;22(4):355-407)

**Sixteenth Annual Dysphagia Research Society Meeting, 5-8 March 2008, Isle of Palms, South Carolina, USA (Dysphagia 2008;23(4):423-460)

**Seventeenth Annual Dysphagia Research Society Meeting, 4-7 March 2009, New Orleans, Louisiana, USA (Dysphagia 2009;24(4):449-484)

**Eighteenth Annual Dysphagia Research Society Meeting, 3-6 March 2010, San Diego, California, USA (Dysphagia 2010;25(4):354-398)

**19th Annual Dysphagia Research Society Meeting, 3-5 March 2011, San Antonio, Texas, USA (Dysphagia 2011;26:432-475)

**20th Dysphagia Research Society Annual Meeting and Post-Graduate Course, 7-12 March 2012, Toronto, Ont., Canada (Dysphagia 2012;27(5):569–620)


**22nd Dysphagia Research Society Annual Meeting and Post-Graduate Course, 5-8 March 2014 Nashville, Tenn., USA (Dysphagia 2014;29(5):737–807).
**23rd Dysphagia Research Society Annual Meeting and Post-Graduate Course 11-14 March 2015, Chicago, Ill., USA (Dysphagia 2015;30(5):593–668)


**1st European Society for Swallowing Disorders (ESSD) Congress, 8-10 September 2011, Leiden, The Netherlands (Dysphagia 2011;26(4):476-488)


**3rd European Society for Swallowing Disorders (ESSD) Congress, 12-13 September 2013, Malmö, Sweden (Dysphagia 2014;29(2):121-181)


**5th Congress of the World Confederation for Physical Therapy, Melbourne, Australia, September 1967

**7th International Congress of the World Confederation for Physical Therapy, Montreal, Canada, June 1974

**9th International Congress of the World Confederation for Physical Therapy, Stockholm, Sweden, 23-28 May 1982 (Part I & Part II)

**10th International Congress of the World Confederation for Physical Therapy, Sydney, Australia, 17-22 May 1987 (Books I & II)


**12th International Congress of the World Confederation for Physical Therapy, Washington DC, USA, 25-30 June 1995

**World Confederation for Physical Therapy - Europe Congress, Eastbourne, UK, 12-15 September 1996

**13th International Congress of the World Confederation for Physical Therapy, Yokohama, Japan, 23-28 May 1999

**14th International congress of the World Confederation for Physical Therapy, Barcelona, Spain, 7-12 June 2003.

**World Confederation for Physical Therapy 15th International Congress, Vancouver, Canada, 2-6 June 2007 (Physiotherapy 2007;93 Suppl 1: S1-S802)


**1st Neurological Physiotherapy Conference (Australian Physiotherapy Association), 27-29 November 2003, Sydney, Australia**


**APA National Neurology & Gerontology Groups Joint Conference (Australian Physiotherapy Association); 17-19 November 2005, Melbourne, Australia (Australian Journal of Physiotherapy 2005;51(4)(e-supplement);S1-S33)**

**APA Conference Week, Aquatic Physiotherapy Group Conference, Cairns, Australia, 4-8 October 2007 (Australian Journal of Physiotherapy 2008;54(1): eSupplement)**


**APA Physiotherapy Conference, Gold Coast, Queensland, 3-6 October 2015**

5th Biennial Congress of the Mediterranean Forum of Physical and Rehabilitation Medicine, 30 September-4 October 2004, Antalya, Turkey

12th International Symposium on Neural Regeneration, Pacific Grove, CA, USA, 5-9 December 2007 (Neurorehabilitation & Neural Repair 2007;21(6):576-617)
13th International Symposium on Neural Regeneration, Pacific Grove, CA, USA, 9-13 December 2009 (Neurorehabilitation and Neural Repair 2009;23(9):954-1000)


Proceedings of the Physiotherapy Research Society Spring Meeting, Cardiff, Wales, UK, 28 March 2007

ISPGR 2007 18th International Conference of the International Society for Posture and Gait Research, 14-18 July 2007, Vermont, USA

34th International Neuropsychological Society Annual Meeting: From Plasticity to Rehabilitation, 26-29 July 2006, Zurich, Switzerland


Proceedings of the Dutch Society for Rehabilitation Medicine (VRA), Utrecht, the Netherlands, 11 April 2008 (Clinical Rehabilitation 2008;22:1134-36)
Proceedings of the Dutch Society for Rehabilitation Medicine (VRA), The Netherlands,11-12 November 2010 (Clinical Rehabilitation 2011;25(9):858-863)

**Asian Oceania Conference of Physical and Rehabilitation Medicine, Nanjing, China, 16-19 May 2008 (Journal of Rehabilitation Medicine 2008;(Suppl 4)6:1-176)

**British Aphasiology Society 2007 Biennial Conference, 10-12 September 2007, Edinburgh, UK

**World Physical Therapy 2007, 2-6 June 2007, Vancouver, Canada (Physiotherapy 2007;93 Suppl 1:S1-S802)


26th Journees Europeennes de la Societe Francaise de Cardiologie, Paris, France 13-16 January 2016. (Archives of Cardiovascular Diseases 2016; 8:1 Suppl 1)


**Geriatric conferences


British Geriatrics Society, 15-17 April 1993. Age and Ageing 1993;22 (Suppl 3)


British Geriatrics Society, 18-19 April 1994. Age and Ageing 1994;23(Suppl 2)


British Geriatrics Society, 6-8 April 1995. Age and Ageing 1995;24(Suppl 2)


British Geriatrics Society, 3-4 October 1996. Age and Ageing 1997;26(Suppl 1)


British Geriatrics Society, 8-10 April 1999. Age and Ageing 1999;28(Suppl 2)
British Geriatrics Society, 6-8 April 2000. Age and Ageing 2000;29(Suppl 2)
**British Geriatrics Society, 18-19 October 2000. Age and Ageing 2001;30(Suppl 1)
**British Geriatrics Society, 5-7 April 2001. Age and Ageing 2001;30(Suppl 2)
**British Geriatrics Society, 18-19 October 2001. Age and Ageing 2002;31(Suppl 1)
**British Geriatrics Society, 11-12 April 2002. Age and Ageing 2002;31 (Suppl 2)
**British Geriatrics Society, 10-11 April 2003. Age and Ageing2003;32(Suppl 2)
**British Geriatrics Society, 16-17 October 2003. Age and Ageing 2004;33(Suppl 1)
**British Geriatrics Society, 6-8 April 2004. Age and Ageing 2004;33(Suppl 2)
**British Geriatrics Society, 6-7 April 2006. Age and Ageing 2006;35(Suppl 3):i1-i80
**British Geriatrics Society, 4-6 October 2006. Age and Ageing 2008;37 (Suppl 1):i1-i57


**Vascular surgery conferences**


**Other conferences**

XIth Congress of the International Society on Thrombosis and Haemostasis, Kyoto, Japan, 28 August 1989 (Sang Thrombose Vaisseaux 1990;2 (Special Issue)). Symposium Satellite: La Ticlopidine dans les maladies vasculaires ischemiques

XVIth Congress of the International Society on Thrombosis and Haemostasis, Florence, Italy, June 6-12 1997 (Thrombosis and Haemostasis June 1997, Supplement, pages 1-844)


Cerebral Circulation and Metabolism. Sixth International CBF Symposium, Philadelphia, Pennsylvania, June 6-9, 1973 (Stroke 1973;4(3))


**Undersea and Hyperbaric Medical Society Annual Scientific Meeting, Sydney, Australia, 25-29 May 2004


11th World Congress on Brain Injury of the International Brain Injury Association 2016, the Hague, the Netherlands, 2-5 March, 2016 (Brain Injury 2016;30(5-6):481-817)


**XIII International Symposium on Brain Edema, 1-3 June 2005, Ann Arbor, Michigan, USA (Acta Neurochirurgica 2006;Supplement 96:1-460)

Society of Critical Care Medicine's (SCCM) 46th Critical Care Congress, Honolulu, Hawaii, USA, 21-25 January 2017 (Critical Care Medicine 2017;45(6 Suppl.))

**Books


Cerebrovascular Diseases (Seventeenth Princeton Conference). Stroke 1990;21(11) Suppl III.


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