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Creators	Gaskins, Nicola, Bray, Emma, Hill, James Edward, Doherty, Patrick J., Harrison, Alexander and Connell, Louise

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Supplementary Material

Search terms used in MEDLINE search strategy

1) *Aerobic exercise*

Aerobic exercise terms were selected from 4 Cochrane reviews which were:

- Bidonde J, Busch AJ, Schachter CL, Overend TJ, Kim SY, Góes SM, Boden C, Foulds HJA. Aerobic exercise training for adults with fibromyalgia. Cochrane Database of Systematic Reviews 2017, Issue 6. Art. No.: CD012700. DOI: 10.1002/14651858.CD012700.
- Voet NBM, van der Kooi EL, Riphagen II, Lindeman E, van Engelen BGM, Geurts ACH. Strength training and aerobic exercise training for muscle disease. Cochrane Database of Systematic Reviews 2013, Issue 7. Art. No.: CD003907. DOI: 10.1002/14651858.CD003907.pub4.
- Andriolo RB, El Dib RP, Ramos L, Atallah ÁN, da Silva EMK. Aerobic exercise training programmes for improving physical and psychosocial health in adults with Down syndrome. Cochrane Database of Systematic Reviews 2010, Issue 5. Art. No.: CD005176. DOI: 10.1002/14651858.CD005176.pub4.
- Hassett L, Moseley AM, Harmer AR. Fitness training for cardiorespiratory conditioning after traumatic brain injury. Cochrane Database of Systematic Reviews 2017, Issue 12. Art. No.: CD006123. DOI: 10.1002/14651858.CD006123.pub3

Aerobic exercise terms:

Exercise/

exercis\$.tw.

cardioresp\$.tw.

exercise therap\$.tw.

aerobic exercis\$.tw.

exercise program\$.tw.

exercise training.tw.

aerobic training.tw.

training program\$.tw.

endurance exercis\$.tw.

cardiorespiratory fitness training.tw.

Physical Exertion/

Physical Fitness/

physical endurance/

exertion\$.tw.

cardiovascular exercis\$.tw.

All above selected and searched with 'OR'

Searched for title and abstract only

2) *Barriers and facilitators terms*

Barriers/Facilitators search terms were selected from the following paper:

- Nathan, N., Elton, B., Babic, M., McCarthy, N., Sutherland, R., Presseau, J., ... & Wolfenden, L. (2017). Barriers and facilitators to the implementation of physical activity policies in schools: A systematic review. *Preventive medicine*.

The terms 'enable' and 'factor' were added by NG.

Barriers and facilitators search terms

barrier*.mp.

(impede* or impediment*).mp.

facilitat*.mp.

challenge*.mp.

(hindrance* or hinder*).mp.

obstacle*.mp.

hurdle*.mp.

opportunit*.mp.

adher*.mp.

enable*.mp.

factor*.mp.

All above selected and searched with 'OR'

3) *Stroke*

Terms were provided by information specialist on the stroke team at UCLan (Janet Reed)

Stroke search terms

Cerebrovascular Disorders.af.

exp basal ganglia cerebrovascular disease/

exp brain ischemia/

exp carotid artery diseases/

Stroke/

exp brain infarction/

exp cerebrovascular trauma/

Hypoxia-Ischemia, Brain/

exp intracranial arterial diseases/

exp intracranial arteriovenous malformations/

exp "Intracranial Embolism and Thrombosis"/

exp intracranial hemorrhages/

Vasospasm, Intracranial/

vertebral artery dissection.ab,ti.

aneurysm, ruptured/ and exp brain/

Brain Injuries/

Brain Injury, Chronic/

exp carotid arteries/

Endarterectomy, Carotid/

exp Heart Septal Defects, Atrial/

foramen ovale, patent/

poststroke.ab,ti.

post stroke.ab,ti.

cerebrovasc\$.mp.

cva\$.mp.

apoplex\$.mp.

isch?emi\$ attack\$.mp.

tia\$1.mp.

neurologic\$ deficit\$.mp.

SAH.mp.

AVM.mp.

(brain\$ adj5 isch?emi\$).ab,ti.

(cerebr\$ adj5 isch?emi\$).ab,ti.

(cerebell\$ adj5 isch?emi\$).ab,ti.

(cortical adj5 isch?emi\$).ab,ti.

(vertebrobasilar adj5 isch?emi\$).ab,ti.

(hemispher\$ adj5 isch?emi\$).ab,ti.

(intracran\$ adj5 isch?emi\$).ab,ti.

(intracerebral adj5 isch?emi\$).ab,ti.

(infratentorial adj5 isch?emi\$).ab,ti.

(supratentorial adj5 isch?emi\$).ab,ti.

(MCA adj5 isch?emi\$).ab,ti.

(anterior circulation adj5 isch?emi\$).ab,ti.

(posterior circulation adj5 isch?emi\$).ab,ti.

(basal ganglia adj5 isch?emi\$).ab,ti.

(brain\$ adj5 infarct\$).ab,ti.

(cerebr\$ adj5 infarct\$).ab,ti.

(cerebell\$ adj5 infarct\$).ab,ti.

(cortical adj5 infarct\$).ab,ti.

(vertebrobasilar adj5 infarct\$).ab,ti.

(hemispher\$ adj5 infarct\$).ab,ti.

(intracran\$ adj5 infarct\$).ab,ti.

(intracerebral adj5 infarct\$).ab,ti.

(infratentorial adj5 infarct\$).ab,ti.

(supratentorial adj5 infarct\$).ab,ti.

(MCA adj5 infarct\$).ab,ti.

(anterior circulation adj5 infarct\$).ab,ti.

(posterior circulation adj5 infarct\$).ab,ti.

(basal ganglia adj5 infarct\$).ab,ti.

(brain\$ adj5 thrombo\$).ab,ti.

(cerebr\$ adj5 thrombo\$).ab,ti.

(cerebell\$ adj5 thrombo\$).ab,ti.

(cortical adj5 thrombo\$).ab,ti.

(vertebrobasilar adj5 thrombo\$).ab,ti.

(hemispher\$ adj5 thrombo\$).ab,ti.

(intracran\$ adj5 thrombo\$).ab,ti.

(intracerebral adj5 thrombo\$).ab,ti.

(infratentorial adj5 thrombo\$).ab,ti.

(supratentorial adj5 thrombo\$).ab,ti.

(MCA adj5 thrombo\$).ab,ti.

(anterior circulation adj5 thrombo\$).ab,ti.

(posterior circulation adj5 thrombo\$).ab,ti.

(basal ganglia adj5 thrombo\$).ab,ti.

(brain\$ adj5 emboli\$).ab,ti.

(cerebr\$ adj5 emboli\$).ab,ti.

(cerebell\$ adj5 emboli\$).ab,ti.

(cortical adj5 emboli\$).ab,ti.

(vertebrobasilar adj5 emboli\$).ab,ti.

(hemispher\$ adj5 emboli\$).ab,ti.

(intracran\$ adj5 emboli\$).ab,ti.

(intracerebral adj5 emboli\$).ab,ti.

(infratentorial adj5 emboli\$).ab,ti.

(supratentorial adj5 emboli\$).ab,ti.

(MCA adj5 emboli\$).ab,ti.

(anterior circulation adj5 emboli\$).ab,ti.

(posterior circulation adj5 emboli\$).ab,ti.

(basal ganglia adj5 emboli\$).ab,ti.

(brain\$ adj5 occlus\$).ab,ti.

(cerebr\$ adj5 occlus\$).ab,ti.

(cerebell\$ adj5 occlus\$).ab,ti.

(cortical adj5 occlus\$).ab,ti.

(vertebrobasilar adj5 occlus\$).ab,ti.

(hemispher\$ adj5 occlus\$).ab,ti.

(intracran\$ adj5 occlus\$).ab,ti.

(intracerebral adj5 occlus\$).ab,ti.

(infratentorial adj5 occlus\$).ab,ti.

(supratentorial adj5 occlus\$).ab,ti.

(MCA adj5 occlus\$).ab,ti.

(anterior circulation adj5 occlus\$).ab,ti.

(basal ganglia adj5 occlus\$).ab,ti.

(brain\$ adj5 hypox\$).ab,ti.

(cerebr\$ adj5 hypox\$).ab,ti.

(cerebell\$ adj5 hypox\$).ab,ti.

(cortical adj5 hypox\$).tw.

(vertebrobasilar adj5 hypox\$).ab,ti.

(hemispher\$ adj5 hypox\$).ab,ti.

(intracran\$ adj5 hypox\$).ab,ti.

(intracerebral adj5 hypox\$).ab,ti.

(infratentorial adj5 hypox\$).ab,ti.

(supratentorial adj5 hypox\$).ab,ti.

(MCA adj5 hypox\$).ab,ti.

(anterior circulation adj5 hypox\$).ab,ti.

(posterior circulation adj5 hypox\$).ab,ti.

(basal ganglia adj5 hypox\$).ab,ti.

(brain\$ adj5 vasospasm).ab,ti.

(cerebr\$ adj5 vasospasm).ab,ti.

(cerebell\$ adj5 vasospasm).ab,ti.

(cortical adj5 vasospasm).ab,ti.

(vertebrobasilar adj5 vasospasm).ab,ti.

(hemispher\$ adj5 vasospasm).ab,ti.

(intracran\$ adj5 vasospasm).ab,ti.

(intracerebral adj5 vasospasm).ab,ti.

(infratentorial adj5 vasospasm).ab,ti.

(supratentorial adj5 vasospasm).ab,ti.

(MCA adj5 vasospasm).ab,ti.

(anterior circulation adj5 vasospasm).ab,ti.

(posterior circulation adj5 vasospasm).ab,ti.

(basal ganglia adj5 vasospasm).ab,ti.

(brain\$ adj5 obstruction).ab,ti.

(cerebr\$ adj5 obstruction).ab,ti.

(cerebell\$ adj5 obstruction).ab,ti.

(cortical adj5 obstruction).ab,ti.

(vertebrobasilar adj5 obstruction).ab,ti.

(hemispher\$ adj5 obstruction).ab,ti.

(intracran\$ adj5 obstruction).ab,ti.

(intracerebral adj5 obstruction).ab,ti.

(infratentorial adj5 obstruction).ab,ti.

(supratentorial adj5 obstruction).ab,ti.

(MCA adj5 obstruction).ab,ti.

(anterior circulation adj5 obstruction).ab,ti.

(posterior circulation adj5 obstruction).ab,ti.

(basal ganglia adj5 obstruction).ab,ti.

(brain\$ adj5 vasculopathy).ab,ti.

(cerebr\$ adj5 vasculopathy).ab,ti.

(cerebell\$ adj5 vasculopathy).ab,ti.

(cortical adj5 vasculopathy).ab,ti.

(vertebrobasilar adj5 vasculopathy).ab,ti.

(hemispher\$ adj5 vasculopathy).ab,ti.

(intracran\$ adj5 vasculopathy).ab,ti.

(intracerebral adj5 vasculopathy).ab,ti.

(infratentorial adj5 vasculopathy).ab,ti.

(supratentorial adj5 vasculopathy).ab,ti.

(MCA adj5 vasculopathy).ab,ti.

(anterior circulation adj5 vasculopathy).ab,ti.

(posterior circulation adj5 vasculopathy).ab,ti.

(basal ganglia adj5 vasculopathy).ab,ti.

(lacunar adj5 infarct\$).ab,ti.

(brain\$ adj5 haemorrhage\$).ab,ti.

(cerebr\$ adj5 haemorrhage\$).ab,ti.

(cerebell\$ adj5 haemorrhage\$).ab,ti.

(intracerebral adj5 haemorrhage\$).ab,ti.

(intracran\$ adj5 haemorrhage\$).ab,ti.

(parenchymal adj5 haemorrhage\$).ab,ti.

(intraventricular adj5 haemorrhage\$).ab,ti.

(infratentorial adj5 haemorrhage\$).ab,ti.

(supratentorial adj5 haemorrhage\$).ab,ti.

(basal gangli\$ adj5 haemorrhage\$).ab,ti.

(subarachnoid adj5 haemorrhage\$).ab,ti.

(putaminal adj5 haemorrhage\$).ab,ti.

(putamen adj5 haemorrhage\$).ab,ti.

(posterior fossa adj5 haemorrhage\$).ab,ti.

(brain\$ adj5 hemorrhage\$).ab,ti.

(cerebr\$ adj5 hemorrhage\$).ab,ti.

(cerebell\$ adj5 hemorrhage\$).ab,ti.

(intracerebral adj5 hemorrhage\$).ab,ti.

(intracran\$ adj5 hemorrhage\$).ab,ti.

(parenchymal adj5 hemorrhage\$).ab,ti.

(intraventricular adj5 hemorrhage\$).ab,ti.

(infratentorial adj5 hemorrhage\$).ab,ti.

(supratentorial adj5 hemorrhage\$).ab,ti.

(basal gangli\$ adj5 hemorrhage\$).ab,ti.

(subarachnoid adj5 hemorrhage\$).ab,ti.

(putaminal adj5 hemorrhage\$).ab,ti.

(putamen adj5 hemorrhage\$).ab,ti.

(posterior fossa adj5 hemorrhage\$).ab,ti.

(brain\$ adj5 haematoma\$).ab,ti.

(cerebr\$ adj5 haematoma\$).ab,ti.

(cerebell\$ adj5 haematoma\$).ab,ti.

(intracerebral adj5 haematoma\$).ab,ti.

(intracran\$ adj5 haematoma\$).ab,ti.

(parenchymal adj5 haematoma\$).ab,ti.

(intraventricular adj5 haematoma\$).ab,ti.

(infratentorial adj5 haematoma\$).ab,ti.

(supratentorial adj5 haematoma\$).ab,ti.

(basal gangli\$ adj5 haematoma\$).ab,ti.

(subarachnoid adj5 haematoma\$).ab,ti.

(putaminal adj5 haematoma\$).ab,ti.

(putamen adj5 haematoma\$).ab,ti.

(posterior fossa adj5 haematoma\$).ab,ti.

(brain\$ adj5 hematoma\$).ab,ti.

(cerebr\$ adj5 hematoma\$).ab,ti.

(cerebell\$ adj5 hematoma\$).ab,ti.

(intracerebral adj5 hematoma\$).ab,ti.

(intracran\$ adj5 hematoma\$).ab,ti.

(parenchymal adj5 hematoma\$).ab,ti.

(intraventricular adj5 hematoma\$).ab,ti.

(infratentorial adj5 hematoma\$).ab,ti.

(supratentorial adj5 hematoma\$).ab,ti.

(basal gangli\$ adj5 hematoma\$).ab,ti.

(subarachnoid adj5 hematoma\$).ab,ti.

(putaminal adj5 hematoma\$).ab,ti.

(putamen adj5 hematoma\$).ab,ti.

(posterior fossa adj5 hematoma\$).ab,ti.

(brain\$ adj5 bleed\$).ab,ti.

(cerebr\$ adj5 bleed\$).ab,ti.

(cerebell\$ adj5 bleed\$).ab,ti.

(intracerebral adj5 bleed\$).ab,ti.

(intracran\$ adj5 bleed\$).ab,ti.

(parenchymal adj5 bleed\$).ab,ti.

(intraventricular adj5 bleed\$).ab,ti.

(infratentorial adj5 bleed\$).ab,ti.

(supratentorial adj5 bleed\$).ab,ti.

(basal gangli\$ adj5 bleed\$).ab,ti.

(subarachnoid adj5 bleed\$).ab,ti.

(putaminal adj5 bleed\$).ab,ti.

(putamen adj5 bleed\$).ab,ti.

(posterior fossa adj5 bleed\$).ab,ti.

(brain adj5 aneurysm\$).ab,ti.

(cerebral adj5 aneurysm\$).ab,ti.

(intracranial adj5 aneurysm\$).ab,ti.

(communicating adj5 aneurysm\$).ab,ti.

(giant adj5 aneurysm\$).ab,ti.

(basilar adj5 aneurysm\$).ab,ti.

(vertebral artery adj5 aneurysm\$).ab,ti.

(berry adj5 aneurysm\$).ab,ti.

(saccular adj5 aneurysm\$).ab,ti.

(ruptured adj5 aneurysm\$).ab,ti.

vertebral artery dissection.ab,ti.

cerebral art\$ disease\$.ab,ti.

(brain adj5 (vascular adj5 disease\$)).ab,ti.

(brain adj5 (vascular adj5 disorder)).ab,ti.

(brain adj5 (vascular adj5 accident)).ab,ti.

(brain adj5 (vascular adj5 injur\$)).ab,ti.

(brain adj5 (vascular adj5 trauma\$)).ab,ti.

(brain adj5 (vascular adj5 insult)).ab,ti.

(brain adj5 (vascular adj5 event)).ab,ti.

(intracranial adj5 (vascular adj5 disease\$)).ab,ti.

(intracranial adj5 (vascular adj5 disorder)).ab,ti.

(intracranial adj5 (vascular adj5 accident)).ab,ti.

(intracranial adj5 (vascular adj5 injur\$)).ab,ti.

(intracranial adj5 (vascular adj5 trauma\$)).ab,ti.

(intracranial adj5 (vascular adj5 insult)).ab,ti.

(intracranial adj5 (vascular adj5 event)).ab,ti.

(basal ganglia adj5 (vascular adj5 disease\$)).ab,ti.

(basal ganglia adj5 (vascular adj5 disorder)).ab,ti.

(basal ganglia adj5 (vascular adj5 accident)).ab,ti.

(basal ganglia adj5 (vascular adj5 injur\$)).ab,ti.

(basal ganglia adj5 (vascular adj5 trauma\$)).ab,ti.

(basal ganglia adj5 (vascular adj5 insult)).ab,ti.

(basal ganglia adj5 (vascular adj5 event)).ab,ti.

(lenticulostriate adj5 (vascular adj5 disease\$)).ab,ti.

(lenticulostriate adj5 (vascular adj5 disorder)).ab,ti.

(lenticulostriate adj5 (vascular adj5 accident)).ab,ti.

(lenticulostriate adj5 (vascular adj5 injur\$)).ab,ti.

(lenticulostriate adj5 (vascular adj5 trauma\$)).ab,ti.

(lenticulostriate adj5 (vascular adj5 insult)).ab,ti.

(lenticulostriate adj5 (vascular adj5 event)).ab,ti.

(isch?emic adj5 event).ab,ti.

(isch?emic adj5 events).ab,ti.

(isch?emic adj5 insult).ab,ti.

(isch?emic adj5 attack\$).ab,ti.

(apoplectic adj5 event).ab,ti.

(apoplectic adj5 events).ab,ti.

(apoplectic adj5 insult).ab,ti.

(apoplectic adj5 attack\$).ab,ti.

(cerebral vein adj5 thrombo\$).ab,ti.

(cerebral venous adj5 thrombo\$).ab,ti.

(sinus adj5 thrombo\$).ab,ti.

(sagittal adj5 thrombo\$).ab,ti.

CVDST.ab,ti.

CVT.ab,ti.

(intracranial adj5 stenosis).ab,ti.

(intracranial adj5 isch?emia).ab,ti.

(intracranial adj5 insufficiency).ab,ti.

(intracranial adj5 arteriosclero\$).ab,ti.

(intracranial adj5 atherosclero\$).ab,ti.

(intracranial adj5 occlus\$).ab,ti.

(cerebral art\$ adj5 stenosis).ab,ti.

(cerebral art\$ adj5 isch?emia).ab,ti.

(cerebral art\$ adj5 insufficiency).ab,ti.

(cerebral art\$ adj5 arteriosclero\$).ab,ti.

(cerebral art\$ adj5 atherosclero\$).ab,ti.

(cerebral art\$ adj5 occlus\$).ab,ti.

(basilar art\$ adj5 stenosis).ab,ti.

(basilar art\$ adj5 isch?emia).ab,ti.

(basilar art\$ adj5 insufficiency).ab,ti.

(basilar art\$ adj5 arteriosclero\$).ab,ti.

(basilar art\$ adj5 atherosclero\$).ab,ti.

(basilar art\$ adj5 occlus\$).ab,ti.

(vertebral art\$ adj5 stenosis).ab,ti.

(vertebral art\$ adj5 isch?emia).ab,ti.

(vertebral art\$ adj5 insufficiency).ab,ti.

(vertebral art\$ adj5 arteriosclero\$).ab,ti.

(vertebral art\$ adj5 atherosclero\$).ab,ti.

(vertebral art\$ adj5 occlus\$).ab,ti.

(vertebrobasilar adj5 stenosis).ab,ti.

(vertebrobasilar adj5 isch?emia).ab,ti.

(vertebrobasilar adj5 insufficiency).ab,ti.

(vertebrobasilar adj5 arteriosclero\$).ab,ti.

(vertebrobasilar adj5 atherosclero\$).ab,ti.

(vertebrobasilar adj5 occlus\$).ab,ti.

(vertebral basilar adj5 stenosis).ab,ti.

(vertebral basilar adj5 isch?emia).ab,ti.

(vertebral basilar adj5 insufficiency).ab,ti.

(vertebral basilar adj5 arteriosclero\$).ab,ti.

(vertebral basilar adj5 atherosclero\$).ab,ti.

(vertebral basilar adj5 occlus\$).ab,ti.

(venous adj5 malformation\$).ab,ti.

(arteriovenous adj5 malformation\$).ab,ti.

(brain vasc\$ adj5 malformation\$).ab,ti.

(brain adj5 angioma\$).ab,ti.

(brain adj5 hemangioma\$).ab,ti.

(brain adj5 haemangioma\$).ab,ti.

(cerebral adj5 angioma\$).ab,ti.

(cerebral adj5 hemangioma\$).ab,ti.

(cerebral adj5 haemangioma\$).ab,ti.

carotid\$.ab,ti.

patent foramen ovale.ab,ti.

PFO.ab,ti.

asymptomatic cervical bruit.ab,ti.

exp aphasia/

exp anomia/

exp hemiplegia/

exp hemianopsia/

exp paresis/

exp deglutition disorders/

exp dysarthria/

aphasi\$.ab,ti.

apraxi\$.ab,ti.

dysphasi\$.ab,ti.

dysphagi\$.ab,ti.

deglutition disorder\$.ab,ti.

swallow\$ disorder\$.ab,ti.

dysarthri\$.ab,ti.

hemipleg\$.ab,ti.

hemipar\$.ab,ti.

paresis.ab,ti.

paretic.ab,ti.

hemianop\$.ab,ti.

hemineglect.ab,ti.

spasticity.ab,ti.

anomi\$.ab,ti.

dysnomi\$.ab,ti.

acquired brain injur\$.ab,ti.

hemiball\$.ab,ti.

(unilateral adj5 neglect).ab,ti.

(visual adj5 neglect).ab,ti.

(hemispatial adj5 neglect).ab,ti.

(attentional adj5 neglect).ab,ti.

(spatial adj5 neglect).ab,ti.