

## Supplementary File 1

### MEDLINE (PubMed) search strategy

*[Target population: stroke]*

1. cerebrovascular disorders [mh] OR brain injuries [mh] OR hemiplegia [mh] OR paresis [mh] OR dystonia [mh]
2. stroke [tw] OR poststroke [tw] OR post-stroke [tw] OR cerebrovasc\* [tw] OR brain vasc\* [tw] OR cerebral vasc\* [tw] OR cva [tw] OR apoplex\* [tw]
3. brain [tw] OR cerebro\* [tw] OR cerebra\* [tw] OR cerebell\* [tw] OR intracran\* [tw] OR intracerebral [tw] OR vertebrobasilar [tw]
4. ischemi\* [tw] OR ischaemi\* [tw] OR infarct\*[tw] OR thromboa\* [tw] OR thrombob\* [tw] OR thromboc\* [tw] OR thromboe\* [tw] OR thrombof\* [tw] OR thrombog\* [tw] OR thromboh\* [tw] OR thromboi\* [tw] OR thrombok\* [tw] OR thrombol\* [tw] OR thrombom\* [tw] OR thrombon\* [tw] OR thromboo\* [tw] OR thrombop\* [tw] OR thromboq\* [tw] OR thrombor\* [tw] OR thrombos\* [tw] OR thrombot\* [tw] OR thrombou\* [tw] OR thrombov\* [tw] OR thrombox\* [tw] OR thromboy\* [tw] OR thromboz\* [tw] OR emboli\* [tw] OR occlus\* [tw]
5. #3 AND #4
6. brain [tw] OR cerebro\* [tw] OR cerebra\* [tw] OR cerebell\* [tw] OR intracerebral [tw] OR intracranial [tw] OR subarachnoid [tw]
7. haemorrhag\* [tw] OR hemorrhag\* [tw] OR haematoma\* [tw] OR hematoma\* [tw] OR bleed\* [tw]
8. #6 AND #7
9. brain injury [tw] OR brain injuries [tw] OR brain injured [tw]

10. hemipleg\* [tw] OR hemipar\* [tw] OR paresis [tw] OR paretic [tw] OR dystoni\* [tw]

11. #1 OR #2 OR #5 OR #8 OR #9 OR #10

*[Type of study: randomized controlled trial]*

12. randomized controlled trial [pt]

13. controlled clinical trial [pt]

14. randomized [tiab]

15. placebo [tiab]

16. clinical trials as topic [mesh: noexp]

17. randomly [tiab]

18. trial [ti]

19. #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18

20. animals [mh] NOT humans [mh]

21. #19 NOT #20

*[Outcome measure: physical activity]*

22. "Physical activity" [tw]

23. Activit\* [tw]

24. "Physical mobility" [tw]

25. "Physical function" [tw]

26. Exercise [tw]

27. "Physical exertion" [tw]

28. "Physical endurance" [tw]

29. "Motor Activity" [tw]

30. "Energy Expenditure" [tw]

31. "Energy Metabolism"[Mesh]

- 32. "Physical fitness" [tw]
- 33. #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30  
OR #31 OR #32
- 34. #11 AND #21 AND #33