

Supplementary material to article by X. Liang et al. "Effectiveness of exercise interventions for children with cerebral palsy: a systematic review and meta-analysis of randomized controlled trials"

**Appendix S1.** Search strategies in the electronic databases.

Search strategies in PubMed and Cochrane library:

#1[mh "cerebral palsy"]  
 #2cerebral next pals\*  
 #3((Hemiplegi\* or diplegi\* or quadriplegi\* or unilateral\*) near/5 spastic\*)  
 #4((Hemiplegi\* or diplegi\* or quadriplegi\* or unilateral\*) near/3 ataxi\*)  
 #5"Little\* disease"  
 #6{or #1-#5}  
 #7[mh exercise]  
 #8[mh "Exercise Movement Techniques"]  
 #9[mh "Exercise Therapy"]  
 #10[mh ^"Physical Education and Training"]  
 #11[mh "Physical Endurance"]  
 #12[mh ^"Physical Fitness"]  
 #13[mh Sports]  
 #14[mh Hydrotherapy]  
 #15[mh "Equine-Assisted Therapy"]  
 #16aerobic\*  
 #17(cycle or cycling)  
 #18[mh ergometry]  
 #19ergometry  
 #20(treadmill or tread next mill)  
 #21(exercise\* or strength\* or fitness)  
 #22(flexibility or stretching)  
 #23((weight\* near/1 lift\*) or weight next training)  
 #24(hippotherapy or equine\* therapy or equine assist\* or horse\*)  
 #25sport\*  
 #26(walking or running)  
 #27(aquatic\* or swim\*)  
 #28[mh "Physical Therapy Modalities"]  
 #29(physiotherapy or physical next therap\*)  
 #30(resistance or resisted)  
 #31physical next activit\*  
 #32{or #7-#31}  
 #33#6 and #32 in Trials

EmBase

1 cerebral palsy/  
 2 cerebral pals\$.tw.  
 3 ((Hemiplegi\$ or diplegi\$ or quadriplegi\$ or unilateral\$) adj5 spastic\$.tw.  
 4 ((Hemiplegi\$ or diplegi\$ or quadriplegi\$ or unilateral\$) adj3 ataxi\$.tw.  
 5 Little\$ disease.tw.  
 6 or/1-5  
 7 exp exercise/  
 8 exp kinesiotherapy/  
 9 physical education/  
 10 endurance/  
 11 fitness/  
 12 exp sport/  
 13 hydrotherapy/  
 14 hippotherapy/  
 15 aerobic\$.tw.  
 16 (cycle or cycling).tw.  
 17 (treadmill or tread-mill).tw.  
 18 ergometry/  
 19 ergometry.tw.  
 20 (exercise\$ or strength\$ or fitness).tw.  
 21 (flexibility or stretching).tw.  
 22 ((weight\$ adj1 lift\$) or weight training).tw.  
 23 (hippotherapy or equine\$ therapy or equine assist\$ or horse\$.tw.  
 24 sport\$.tw.  
 25 (walking or running).tw.  
 26 (aquatic\$ or swim\$.tw.  
 27 exp physiotherapy/  
 28 (physiotherapy or physical therap\$.tw.  
 29 physical activit\$.tw.  
 30 (resistance or resisted).tw.  
 31 or/7-30  
 32 6 and 31  
 33 Randomized controlled trial/  
 34 controlled clinical trial/  
 35 Single blind procedure/

36 Double blind procedure/  
 37 triple blind procedure/  
 38 Crossover procedure/  
 39 (crossover or cross-over).tw.  
 40 ((singl\$ or doubl\$ or tripl\$ or trebl\$) adj1 (blind\$ or mask\$)).tw.  
 41 Placebo/  
 42 placebo.tw.  
 43 prospective.tw.  
 44 factorial\$.tw.  
 45 random\$.tw.  
 46 assign\$.ab.  
 47 allocat\$.tw.  
 48 volunteer\$.ab.  
 49 or/33-48  
 50 32 and 49