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

Search strategies in PubMed and Cochrane library:

#1 [mh "cerebral palsy"]
#2 cerebral 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 (Hemiplegi* or diplegi* or quadriplegi* or unilateral*) near/3 ataxi*)
#12 [mh "Physical Fitness"]
#13 [mh Sports]
#14 [mh Hydrotherapy]
#15 [mh "Equine-Assisted Therapy"]
#16 aerobic*
#17 (cycle or cycling)
#18 [mh ergometry]
#19ergometry
#20 (treadmill or next tread 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*)
#25 sport*
#26 (walking or running)
#27 (aquatic* or swim*)
#28 [mh "Physical Therapy Modalities"]
#29 (physiotherapy or physical next therap*)
#30 (resistance or resisted)
#31 physical next activit*
#32 (or #7-#31)
#33 #6 and #32 in Trials

EmBase
1 cerebral palsy/
2 cerebral pals$.tw.
3 (Hemiplegi$ or dipleg$ or quadripleg$ or unilateral$) adj5 spastic$.tw.
4 (Hemiplegi$ or dipleg$ or quadripleg$ 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 aerobics.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$) or weight next training).tw.
23 (hippotherapy or equine$ 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 double$ or trip$ 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