SEARCH STRATEGIES

“Accelerometer measurement of physical activity and / or sedentary behaviours of children and adolescents with chronic diseases: Systematic review and meta-analysis”

Searched 28 February 2015

1. exp Child/
2. exp Adolescent/
3. (child* or adolesc* or teen* or youth or girl* or boy*).tw.
4. (young adj1 (person or people)).tw.
5. 1 or 2 or 3 or 4
6. exp Exercise/
7. exp Motor Activity/
8. exp Sports/
9. exercis*.tw.
10. physical* activ*.tw.
11. (active adj2 (living or lifestyle)).tw.
12. sedentary behavi?r.tw.
13. exp Sedentary Lifestyle/
14. ((sedentary or sitting or screen or TV or television or computer or PC or video games) adj2 time).tw.
15. 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14
16. exp Obesity/ or exp Overweight/
17. (overweight or obes*).tw.
18. exp Accelerometry/
19. exp Actigraphy/
20. acceleromet*.tw.
21. actigraph.tw.
22. activity monitor*.tw.
23. (objective adj1 (measure* or monitor* or assess*)).tw.
24. 18 or 19 or 20 or 21 or 22 or 23
25. exp cardiovascular abnormalities/ or exp heart diseases/
26. exp Cardiovascular Abnormalities/
27. exp Heart Diseases/
31. "Ventricular Septal Defect".tw.
32. (Tetralogy adj2 Fallot).tw.
33. exp Asthma/
34. asthma.tw.
35. exp Respiratory Tract Diseases/
36. exp Respiratory Hypersensitivity/
37. exp Cystic Fibrosis/
38. (respiratory adj2 allerg*).tw.
40. wheez*.tw.
41. exp Bronchopulmonary Dysplasia/
42. lung diseases/ or exp alpha 1-antitrypsin deficiency/ or exp "cystic adenomatoid malformation of lung, congenital"/ or exp hepatopulmonary syndrome/ or exp hypertension, pulmonary/ or exp lung diseases, fungal/ or exp lung diseases, interstitial/ or exp lung diseases, obstructive/ or exp lung diseases, parasitic/ or exp lung injury/ or exp lung neoplasms/ or exp lung, hyperlucent/
43. "chronic lung disease".tw.
44. "chronic respiratory disease".tw.
45. exp diabetes mellitus, type 1/ or exp diabetes mellitus, type 2/
46. (diabetes adj1 mellitus).tw.
47. exp Leukemia/
48. Leukemia.tw.
49. exp Lymphoma/
50. Lymphoma.tw.
51. exp Neuroblastoma/
52. Neuroblastoma.tw.
54. exp Central Nervous System Neoplasms/
55. exp Sleep Apnea Syndromes/
56. "sleep apnea".tw.
57. 16 or 17 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 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
58. 5 and 15 and 24 and 57
59. exp Adult/
60. 58 not 59
61. limit 60 to (english language and yr="2000 -Current")
#1 MeSH descriptor: [Child] explode all trees
#2 MeSH descriptor: [Adolescent] explode all trees
#3 child* or adolesc* or teen* or boy* or girl* or youth:ti,ab,kw (Word variations have been searched)
#4 young near/1 (person or people):ti,ab,kw (Word variations have been searched)
#5 #1 or #2 or #3 or #4
#6 MeSH descriptor: [Motor Activity] this term only
#7 MeSH descriptor: [Exercise] explode all trees
#8 MeSH descriptor: [Sports] explode all trees
#9 MeSH descriptor: [Sedentary Lifestyle] explode all trees
#10 physical* activ*:ti,ab,kw (Word variations have been searched)
#11 exercis* or sport*:ti,ab,kw (Word variations have been searched)
#12 active near/2 (living or lifestyle):ti,ab,kw (Word variations have been searched)
#13 sedentary behavi?r:ti,ab,kw (Word variations have been searched)
#14 (screen or sedentary or sitting or TV or television or computer or PC or video games) near/2 time:ti,ab,kw (Word variations have been searched)
#15 #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14
#16 MeSH descriptor: [Accelerometry] explode all trees
#17 acceleromet*:ti,ab,kw (Word variations have been searched)
#18 actigraph*:ti,ab,kw (Word variations have been searched)
#19 activity near/1 monitor*:ti,ab,kw (Word variations have been searched)
#20 #16 or #17 or #18 or #19
#21 MeSH descriptor: [Overweight] explode all trees
#22 overweight or obes*:ti,ab,kw (Word variations have been searched)
#23 MeSH descriptor: [Heart Defects, Congenital] explode all trees
#24 "Congenital Heart Disease":ti,ab,kw (Word variations have been searched)
#25 "Atrial Septal Defect" or "Coarctation of the Aorta" or "Complete Atrioventricular Canal defect" or "Ventricular Septal Defect" or "Tetralogy of Fallot":ti,ab,kw (Word variations have been searched)
MeSH descriptor: [Hypertension] explode all trees
hypertension:ti,ab,kw  (Word variations have been searched)
high near/1 (blood pressure):ti,ab,kw  (Word variations have been searched)
MeSH descriptor: [Cardiomyopathies] explode all trees
Cardiomyopath*:ti,ab,kw  (Word variations have been searched)
MeSH descriptor: [Respiratory Tract Diseases] explode all trees
respirator* near/1 disease*:ti,ab,kw  (Word variations have been searched)
asthma*:ti,ab,kw  (Word variations have been searched)
respiratory near/1 allerg*:ti,ab,kw  (Word variations have been searched)
MeSH descriptor: [Sleep Apnea Syndromes] explode all trees
sleep near/1 apnea:ti,ab,kw  (Word variations have been searched)
pulmonary near/1 hypertension:ti,ab,kw  (Word variations have been searched)
MeSH descriptor: [Cystic Fibrosis] explode all trees
"cystic fibrosis":ti,ab,kw  (Word variations have been searched)
"Broncho-pulmonary dysplasia":ti,ab,kw  (Word variations have been searched)
"Bronchopulmonary dysplasia" or "Broncho pulmonary dysplasia":ti,ab,kw  (Word variations have been searched)
MeSH descriptor: [Diabetes Mellitus, Type 1] explode all trees
MeSH descriptor: [Diabetes Mellitus, Type 2] explode all trees
"diabetes mellitus" or diabet*:ti,ab,kw  (Word variations have been searched)
MeSH descriptor: [Leukemia] explode all trees
MeSH descriptor: [Lymphoma] explode all trees
MeSH descriptor: [Neuroblastoma] explode all trees
MeSH descriptor: [Wilms Tumor] explode all trees
Leukemia or Lymphoma or Neuroblastoma or "Wilms' tumors":ti,ab,kw  (Word variations have been searched)
MeSH descriptor: [Central Nervous System Neoplasms] explode all trees
#21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50
#5 and #15 and #20 and #51
S56 S6 AND S21 AND S25 AND S52 Limiters - Published Date: 20000101-20151231; Peer Reviewed; Language: English; Publication Type: Academic Journal
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S53 S6 AND S21 AND S25 AND S52
S52 S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR
S51 DE "CANCER"
S50 DE "LEUKEMIA"
S49 AB Leukemia or Lymphoma or Neuroblastoma or "Wilms’ tumor"
S48 AB diabetes mellitus
S47 DE "DIABETES in children" OR DE "DIABETES in youth"
S46 AB "pulmonary hypertension"
S45 AB "sleep apnea" or "cystic fibrosis" or "Broncho-pulmonary dysplasia" or "Bronchopulmonary dysplasia" or "Broncho pulmonary dysplasia"
S44 DE "CYSTIC fibrosis"
S43 DE "SLEEP apnea syndromes in children"
S42 AB "chronic lung disease"
S41 AB wheez*
S40 AB asthma*
S39 AB respiratory N1 (disease* or allerg*)
S38 DE "ASTHMA in children"
S37 DE "RESPIRATORY diseases" OR DE "RESPIRATORY allergy" OR DE "RESPIRATORY obstructions"
S36 DE "CARDIOMYOPATHIES"
S35 AB high N1 (blood pressure)
S34 AB hypertension
S33 DE "HYPERTENSION"
S32 AB "Atrial Septal Defect" or "Coarctation of the Aorta" or "Complete Atrioventricular Canal defect" or "Ventricular Septal Defect" or "Tetralogy of Fallot"
S31 AB "congenital heart disease"
S30 DE "AORTIC coarctation"
S29 DE "CONGENITAL heart disease" OR DE "HYPOPLASTIC left heart syndrome" OR DE "TETRALOGY of Fallot"
S28 AB overweight or obes*
S27 DE "OBESITY in children"
S26 DE "OVERWEIGHT children" OR DE "OVERWEIGHT teenagers"
S25 S22 OR S23 OR S24
S24 AB activity N1 monitor*
S23 AB acceleromet* or actigraph
S22 DE "ACCELEROMETERS"
S21 S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20
S20 AB (computer or PC) N1 time
S19 AB (TV or television) N1 time
S18 AB screen N1 time
S17 AB sitting N1 time
S16 AB sedentary N1 time
S15 AB sedentary behavi?r*
S14 DE "SEDENTARY lifestyles"
S13 DE "SEDENTARY behavior in children"
S12 AB active N2 (living or lifestyle)
S11 AB exercis* or sport*
S10 AB physical* activ*
S9 DE "SPORTS"
S8 DE "EXERCISE" OR DE "ABDOMINAL exercises" OR DE "AEROBIC exercises" OR DE "ANAEROBIC exercises" OR DE "AQUATIC exercises" OR DE "ARM exercises" OR DE "BACK exercises" OR DE "BREATHING exercises" OR DE "BREEMA" OR DE
"BUTTOCKS exercises" OR DE "CALISTHENICS" OR DE "CHAIR exercises" OR DE "CHEST exercises" OR DE "CIRCUIT training" OR DE "COMPOUND exercises" OR DE "DO-in" OR DE "EXERCISE -- Immunological aspects" OR DE "EXERCISE adherence" OR DE "EXERCISE for children" OR DE "EXERCISE for girls" OR DE "EXERCISE for men" OR DE "EXERCISE for middle-aged persons" OR DE "EXERCISE for older people" OR DE "EXERCISE for people with disabilities" OR DE "EXERCISE for women" OR DE "EXERCISE for youth" OR DE "EXERCISE therapy" OR DE "EXERCISE video games" OR DE "FACIAL exercises" OR DE "FALUN gong exercises" OR DE "FOOT exercises" OR DE "GYMNASTICS" OR DE "HAND exercises" OR DE "HATHA yoga" OR DE "HIP exercises" OR DE "ISOKINETIC exercise" OR DE "ISOLATION exercises" OR DE "ISOMETRIC exercise" OR DE "ISOTONIC exercise" OR DE "KNEE exercises" OR DE "LEG exercises" OR DE "LIANGONG" OR DE "METABOLIC equivalent" OR DE "MULAN quan" OR DE "MUSCLE strength" OR DE "PILATES method" OR DE "PLYOMETRICS" OR DE "Qi gong" OR DE "REDUCING exercises" OR DE "RUNNING" OR DE "RUNNING -- Social aspects" OR DE "SCHOOLS -- Exercises & recreations" OR DE "SEXUAL exercises" OR DE "SHOULDER exercises" OR DE "STRENGTH training" OR DE "STRESS management exercises" OR DE "STRETCHING exercises" OR DE "TAI chi" OR DE "TREADMILL exercise" OR DE "WHEELCHAIR workouts" OR DE "YOGA"

S7 DE "PHYSICAL activity"
S6 S1 OR S2 OR S3 OR S4 OR S5
S5 AB young N1 (people or person)
S4 AB child* or adolesc* or teen* or youth or girl* or boy*
S3 DE "YOUTH"
S2 DE "TEENAGERS"
S1 DE "CHILDREN"
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S47 S4 AND S12 AND S16 AND S44 Limiters - Publication Year: 2000-2015; Peer Reviewed; Language: English
S45 S4 AND S12 AND S16 AND S44
S44 S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43
S43 (MH "Central Nervous System Neoplasms"
S42 (MH "Wilms' Tumor+")
S41 (MH "Neuroblastoma+")
S40 (MH "Lymphoma+")
S39 (MH "Leukemia+")
S38 AB Leukemia or Lymphoma or Neuroblastoma or "Wilms' tumor"
S37 AB diabetes
S36 (MM "Diabetes Mellitus, Type 1") OR (MM "Diabetes Mellitus, Type 2")
S35 AB cystic fibrosis
S34 (MM "Cystic Fibrosis")
S33 AB respiratory N1 (allerg* or hypersensitivity)
S32 AB "Bronchopulmonary Dysplasia" or "Broncho pulmonary Dysplasia" or "Broncho-pulmonary Dysplasia"
S31 AB sleep apnea
S30 AB asthma* or wheez*
S29 AB "Chronic Respiratory disease" or "Chronic lung disease"
S28 (MM "Bronchopulmonary Dysplasia")
S27 (MH "Sleep Apnea Syndromes+")
S26 (MH "Pulmonary Disease, Chronic Obstructive+") OR (MM "Asthma") OR (MH "Respiratory Hypersensitivity+")
S25 AB high N1 (blood pressure)
S24 AB Hypertension
S23 (MH "Hypertension+")
S22 AB "Cardiomyopathy"
S21 (MH "Myocardial Diseases+)")
S20 AB "Congenital Heart Disease" or "Atrial Septal Defect" or "Coarctation of the Aorta" or "Complete Atrioventricular Canal defect" or "Ventricular Septal Defect" or "Tetralogy of Fallot"
S19 (MH "Heart Defects, Congenital"
S18 AB overweight or obes*
S17 (MM "Pediatric Obesity")
S16 S13 OR S14 OR S15
S15 AB activity N1 monitor*
S14 AB acceleromet* or actigraph*
S13 (MM "Accelerometers")
S12 S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11
S11 AB (screen or TV or television or PC or computer) N1 time
S10 AB (sedentary or sitting) N1 time
S9 AB sedentary behavio?r*
S8 AB active N1 (living or lifestyle)
S7 AB (physical* activ*) or exercis* or sport*
S6 (MM "Life Style, Sedentary")
S5 (MM "Exercise") OR (MM "Physical Activity") OR (MM "Sports")
S4 S1 OR S2 OR S3
S3 AB young N1 (people or person)
S2 AB child* or adolesc* or youth or teen* or boy* or girl*
S1 (MM "Adolescence") OR (MM "Child")