

Supplementary Table S1. Search Strategies

Search strategy in PubMed

- #1 acceleromet*[Text Word]OR actimeter[Text Word]OR actigraph[Text Word]OR
actiwatch[Text Word] OR GT3X[Text Word] OR pedomet*[Text Word]OR
(activity monitor)[Text Word]OR (step count*)[Text Word] OR (step
sensor)[Text Word]OR (step meter)[Text Word]
- #2 (pulmonary disease, chronic obstructive)[MeSH Terms]OR (lung diseases,
obstructive)[MeSH Terms]OR (pulmonary emphysema)[MeSH Terms]OR
(bronchitis, chronic)[MeSH Terms]OR (obstructive lung disease)[Text Word]OR
(chronic obstructive lung disease)[Text Word]OR (chronic obstructive airways
disease)[Text Word]OR (chronic airways limitation)[Text Word]OR (chronic
airways obstruction)[Text Word] OR copd[Text Word] OR coad[Text Word]OR
cobd[Text Word] OR aecd[Text Word] AND (Tumor necrosis factor-a) [MeSH
Terms] OR (TNF-a)[Title/Abstract/Keywords]
- #3 #1 AND #2
- #4 #3 Filter: Publication date to March22, 2019

Search strategy in the Cochrane Library

- #1 acceleromet*[Title/Abstract/Keywords]OR
actimeter[Title/Abstract/Keywords]OR actigraph[Title/Abstract/Keywords]OR
actiwatch[Title/Abstract/Keywords] OR GT3X[Title/Abstract/Keywords] OR
pedomet*[Title/Abstract/Keywords]OR (activity
monitor)[Title/Abstract/Keywords]OR (step count*)[Title/Abstract/Keywords]
OR (step sensor)[Title/Abstract/Keywords]OR (step
meter)[Title/Abstract/Keywords]
- #2 (pulmonary disease, chronic obstructive)[MeSH Terms]OR (lung diseases,
obstructive)[MeSH Terms]OR (pulmonary emphysema)[MeSH Terms]OR
(bronchitis, chronic)[MeSH Terms]OR (obstructive lung
disease)[Title/Abstract/Keywords]OR(chronic obstructive lung
disease)[Title/Abstract/Keywords]OR (chronic obstructive airways

disease)[Title/Abstract/Keywords]OR (chronic airways
limitation)[Title/Abstract/Keywords]OR (chronic airways
obstruction)[Title/Abstract/Keywords] OR copd[Title/Abstract/Keywords] OR
coad[Title/Abstract/Keywords]OR cobd[Title/Abstract/Keywords] OR
aecd[Title/Abstract/Keywords] AND (Tumor necrosis factor-a) [MeSH Terms]
OR (TNF-a)[Title/Abstract/Keywords]

#3 #1 AND #2

#4 #3Filter: Publication date to May22, 2017