Supplement 1 – search strategy and results

Search Strategy

PubMed: (((exercise) OR physical activity) OR pulmonary rehabilitation) AND cognit*) AND COPD

Medline:
1  exp *Pulmonary Disease, Chronic Obstructive/ (22834)
2  exp Cognition Disorders/ or exp Cognition/ or cognit$.mp. (237033)
3  exp Exercise/ or exp Exercise Therapy/ or exercise$.mp. or pulmonary rehabilitation.mp. or physical activity.mp. or exp Motor Activity/ (253846)
4  1 and 2 and 3 (61)

Methods

Guided by PRISMA and the Cochrane Guidelines for Systematic Reviews
Databases: PubMed, Medline, EMBASE, CINAHL

Inclusion Criteria

P: Individuals with COPD
I: A structured exercise program
C: None or Control group/ usual care/ attention control
O: Effect on cognition

Exclusion Criteria

- Abstract only
- Article not available in English or French

Results:

Medline- 95
Embase- 1932
Pubmed- 200
CINAHL- 10

Total with duplicates removed: 1969

From 2016 only:

Medline- 1
Embase- 127
Pubmed- 14
CINAHL- 0

Total new with duplicates removed: 131

From 2017 only:

Medline- 0
Embase- 174
Pubmed- 16
CINAHL- 0
Total new with duplicates removed: 162