

Search methods for the Cochrane Airways Group Specialised Register (CAGR)

1) Electronic searches

Database	Frequency of search
CENTRAL (on the Cochrane Library)	Quarterly
MEDLINE (Ovid)	Weekly
EMBASE (Ovid)	Weekly
PsycINFO (Ovid)	Monthly
CINAHL (EBSCO)	Monthly
AMED (EBSCO)	Monthly

CENTRAL on the Cochrane Library

#1 MeSH descriptor Asthma explode all trees

#2 (asthma*)

#3 (antiasthma* or anti-asthma*)

#4 MeSH descriptor Respiratory Sounds, this term only

#5 (wheez*)

#6 MeSH descriptor Bronchial Spasm, this term only

#7 (bronchospas*)

#8 (bronch* near/3 spasm*)

#9 (bronchoconstrict*)

#10 MeSH descriptor Bronchoconstriction explode all trees

#11 (bronch* near/3 constrict*)

#12 MeSH descriptor Bronchial Hyperreactivity, this term only

#13 MeSH descriptor Respiratory Hypersensitivity, this term only

#14 (bronchial* or respiratory or airway* or lung*) near/3 (hypersensitiv* or hyperreactiv* or allerg* or insufficien*)

#15 (dust or mite*) near/3 (allerg* or hypersensitiv*)

#16 (#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15)

#17 MeSH descriptor Aspergillosis, Allergic Bronchopulmonary explode all trees

#18 MeSH descriptor Lung Diseases, Fungal, this term only

#19 MeSH descriptor Aspergillosis, this term only

#20 (#18 AND #19)

#21 (bronchopulmonary near/3 aspergill*)

#22 (#17 OR #20 OR #21)

#23 (#16 OR #22)

#24 MeSH descriptor Lung Diseases, Obstructive, this term only

#25 MeSH descriptor Pulmonary Disease, Chronic Obstructive explode all trees

#26 (emphysema*)
 #27 (chronic* near/3 bronchiti*)
 #28 (obstruct*) near/3 (pulmonary or lung* or airway* or airflow* or bronch* or respirat*)
 #29 (COPD)
 #30 (COAD)
 #31 (COBD)
 #32 (AECB)
 #33 (#24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32)
 #34 MeSH descriptor Bronchiectasis explode all trees
 #35 (bronchiect*)
 #36 (bronchoect*)
 #37 (kartagener*)
 #38 (ciliary near/3 dyskinesia)
 #39 (bronchial* near/3 dilat*)
 #40 (#34 OR #35 OR #36 OR #37 OR #38 OR #39)
 #41 MeSH descriptor Sleep Apnea Syndromes explode all trees
 #42 (sleep near/3 (apnea* or apnoea*))
 #43 (hypopnea* or hypopnoea*)
 #44 (OSA)
 #45 (SHS)
 #46 (OSAHS)
 #47 (#41 OR #42 OR #43 OR #44 OR #45 OR #46)
 #48 MeSH descriptor Lung Diseases, Interstitial explode all trees
 #49 (interstitial* near lung* near disease*)
 #50 (pulmonary* NEAR sarcoid*)
 #51 (pulmonary* NEAR fibros*)
 #52 (#48 OR #49 OR #50 OR #51)
 #53 (#23 OR #33 OR #40 OR #47 OR #52)

MEDLINE (Ovid)

1. exp Asthma/
2. asthma\$.mp
3. (antiasthma\$ or anti-asthma\$).mp
4. Respiratory Sounds/
5. wheez\$.mp
6. Bronchial Spasm/
7. bronchospas\$.mp.
8. (bronch\$ adj3 spasm\$).mp
9. bronchoconstrict\$.mp
10. exp Bronchoconstriction/
11. (bronch\$ adj3 constrict\$).mp
12. Bronchial Hyperreactivity/
13. Respiratory Hypersensitivity/
14. ((bronchial\$ or respiratory or airway\$ or lung\$) adj3 (hypersensitiv\$ or hyperreactiv\$ or allerg\$ or insufficiency)).mp

15. ((dust or mite\$) adj3 (allerg\$ or hypersensitiv\$)).mp
16. or/1-15
17. exp Aspergillosis, Allergic Bronchopulmonary/
18. lung diseases, fungal/
19. aspergillosis/
20. 18 and 19
21. (bronchopulmonar\$ adj3 aspergillosis).mp
22. 17 or 20 or 21
23. 16 or 22
24. Lung Diseases, Obstructive/
25. exp Pulmonary Disease, Chronic Obstructive/
26. emphysema\$.mp
27. (chronic\$ adj3 bronchiti\$).mp
28. (obstruct\$ adj3 (pulmonary or lung\$ or airway\$ or airflow\$ or bronch\$ or respirat\$)).mp
29. COPD.mp
30. COAD.mp
31. COBD.mp
32. AECB.mp
33. or/24-32
34. exp Bronchiectasis/
35. bronchiect\$.mp
36. bronchoect\$.mp
37. kartagener\$.mp
38. (ciliary adj3 dyskinesia).mp
39. (bronchial\$ adj3 dilat\$).mp
40. or/34-39
41. exp Sleep Apnea Syndromes/
42. (sleep\$ adj3 (apnea\$ or apnoea\$)).mp
43. (hypopnea\$ or hypopnoea\$).mp
44. OSA.mp
45. SHS.mp
46. OSAHS.mp
47. or/41-46
48. LungDiseases, Interstitial/
49. Pulmonary Fibrosis/
50. Sarcoidosis, Pulmonary/
51. (interstitial\$ adj3 (lung\$ or disease\$ or pneumon\$)).mp.
52. ((pulmonary\$ or lung\$ or alveoli\$) adj3 (fibros\$ or fibrot\$)).mp.
53. ((pulmonary\$ or lung\$) adj3 (sarcoid\$ or granulom\$)).mp.
54. or/48-53
55. 23 or 33 or 40 or 47 or 54

RCT filter:

1. exp "clinical trial [publication type]"/
2. (randomized or randomised).ab,ti.

3. placebo.ab,ti.
4. dt.fs.
5. randomly.ab,ti.
6. trial.ab,ti.
7. groups.ab,ti.
8. or/1-7
9. Animals/
10. Humans/
11. 9 not (9 and 10)
12. 8 not 11

EMBASE (Ovid)

1. exp Asthma/
2. asthma\$.mp.
3. (antiasthma\$ or anti-asthma\$).mp.
4. Abnormal Respiratory Sound/
5. Wheezing/
6. wheez\$.mp.
7. Bronchospasm/
8. bronchospas\$.mp.
9. (bronch\$ adj3 spasm\$).mp.
10. bronchoconstrict\$.mp.
11. Bronchus Hyperreactivity/
12. Respiratory Tract Allergy/
13. ((bronchial\$ or respiratory or airway\$ or lung\$) adj3 (hypersensitiv\$ or hyperreactiv\$ or allerg\$ or insufficiency)).mp.
14. House Dust Allergy/
15. ((dust or mite\$) adj3 (allerg\$ or hypersensitiv\$)).mp.
16. or/1-15
17. Bronchopulmonary Aspergilloma/
18. Lung Aspergillosis/
19. (bronchopulmonar\$ adj3 aspergillo\$).mp.
20. or/17-19
21. 16 or 20
22. Chronic Obstructive Lung Disease/
23. Obstructive Airway Disease/
24. Chronic Bronchitis/
25. Lung Emphysema/
26. emphysema\$.mp.
27. (chronic\$ adj3 bronchiti\$).mp.
28. (obstruct\$ adj3 (pulmonary or lung\$ or airway\$ or airflow\$ or bronch\$ or respirat\$)).mp.
29. COPD.mp.
30. COAD.mp.
31. COBD.mp.
32. AECB.mp.

33. or/22-32
34. exp Bronchiectasis/
35. bronchiect\$.mp.
36. bronchoect\$.mp.
37. kartagener\$.mp.
38. (ciliary adj3 dyskinesia).mp.
39. (bronchial\$ adj3 dilat\$).mp.
40. or/34-39
41. Sleep Apnea Syndrome/
42. (sleep\$ adj3 (apnea\$ or apnoea\$)).mp.
43. (hypopnea\$ or hypopnoea\$).mp.
44. OSA.mp.
45. SHS.mp.
46. OSAHS.mp.
47. or/41-46
48. 21 or 33 or 40 or 47
49. Interstitial Lung Disease/
50. Fibrosing Alveolitis/
51. Interstitial Pneumonia/
52. Lung Fibrosis/
53. (interstitial\$ adj3 (lung\$ or disease\$ or pneumon\$)).mp.
54. ((pulmonary\$ or lung\$ or alveoli\$) adj3 (fibros\$ or fibrot\$)).mp.
55. ((pulmonary\$ or lung\$) adj3 (sarcoid\$ or granulom\$)).mp.
56. or/49-55
57. 48 or 56

RCT filter

1. Randomized Controlled Trial/
2. randomization/
3. Controlled Study/
4. Clinical Trial/
5. controlled clinical trial/
6. Double Blind Procedure/
7. Single Blind Procedure/
8. Crossover Procedure/
9. or/1-8
10. (clincia\$ adj3 trial\$).mp.
11. ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj3 (mask\$ or blind\$ or method\$)).mp.
12. exp Placebo/
13. placebo\$.mp.
14. random\$.mp.
15. ((control\$ or prospectiv\$) adj3 (trial\$ or method\$ or stud\$)).mp.
16. (crossover\$ or cross-over\$).mp.
17. or/10-16
18. 9 or 17

19. exp ANIMAL/
20. Nonhuman/
21. Human/
22. 19 or 20
23. 22 not 21
24. 18 not 23

PsycINFO, CINAHL and AMED

The search strategies for these databases have been adapted from the above strategies. The full strategies for these databases can be provided by the Trials Search Co-ordinator on request.

2) Hand-searching

Respiratory conference abstracts

Conference	Years searched
American Academy of Allergy, Asthma and Immunology (AAAAI)	2001 onwards
American Thoracic Society (ATS)	2001 onwards
Asia Pacific Society of Respiriology (APSR)	2004 onwards
British Thoracic Society Winter Meeting (BTS)	2000 onwards
Chest Meeting	2003 onwards
European Respiratory Society (ERS)	1992, 1994, 2000 onwards
International Primary Care Respiratory Group Congress (IPCRG)	2002 onwards
Thoracic Society of Australia and New Zealand (TSANZ)	1999 onwards

Journals

The Airways Group is not currently handsearching any journals. However, a search of the following journals has previously been completed:

- Allergology International (1996-2003)
- Allergy and Asthma Proceedings (1996-2001)
- American Journal of respiratory and Critical Care Medicine (1997-2001)
- American Review of Respiratory Disease (1986 - 1993)
- Annals of Allergy Asthma and Immunology (1990-2001)
- British Journal of Clinical Research (1990-1997)
- Canadian Respiratory Journal (1994 -2005)

- Clinical and Experimental Allergy (1995 - 2001)
- Clinical Drug Investigation (1995-2003)
- Current Therapeutic Research (1997-2002)
- European Journal of Clinical Pharmacology (1980 to 1999)
- European Respiratory Journal (1995-2001)
- Journal of Allergy (1995-2001)
- Journal of Allergy and Clinical Immunology (1980 -2002)
- Journal of Asthma (1996-1998)
- Journal of Clinical Research (1998-2001)
- Lung (1980-2001)
- Pediatric Asthma Allergy and Immunology (2000-2002)
- Respiration (1997-1999)
- Respiratory Care (1995-2001)
- Respiratory Medicine (1997-1999)
- Respirology (1995-2001)
- Thorax (1997-2001, 2003)