Full search strategy

Efficacy of *N*-acetylcysteine on Idiopathic or Post-infective Non-cystic Fibrosis Bronchiectasis: A Systematic Review and Meta-analysis Protocol

DATABASE SEARCH STRATEGIES

Database: PubMed

Search:

#1 Bronchiectasis [(MeSH Terms)]
#2 Acetylcysteine [(MeSH Terms)]
#3 Non-cystic fibrosis bronchiectasis [Title/Abstract]
#4 Non-CF bronchiectasis [Title/Abstract]
#5 N-acetylcysteine [Title/Abstract]
#6 NAC [Title/Abstract]
#7 #1 OR #3 OR #4
#8 #2 OR #5 OR #6
#9 #7 AND #8
#10 Clinical trials as topic [(MeSH Terms)]
#11 Randomized controlled trial [Title/Abstract]
#12 Randomized clinical trial [Title/Abstract]
#13 Controlled clinical trial [Title/Abstract]
#14 Randomly [Title/Abstract]
#15 Randomized [Title/Abstract]
#16 Trial [Title/Abstract]
#17 #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16
#18 #9 AND #17

OR

(((((Bronchiectasis[MeSH Terms]) OR (Non-cystic fibrosis bronchiectasis[Title/Abstract])) OR (Non-CF bronchiectasis[Title/Abstract])) AND (((Acetylcysteine[MeSH Terms]) OR (N-acetylcysteine[Title/Abstract])) OR (NAC[Title/Abstract]))) AND (((((((Clinical trials as topic[MeSH Terms]) OR (Randomized controlled trial[Title/Abstract])) OR (Randomized clinical trial[Title/Abstract])) OR (Controlled clinical trial[Title/Abstract])) OR (Randomly[Title/Abstract])) OR (Randomized[Title/Abstract])) OR (Trial[Title/Abstract]))

Databases: Embase (via ovid)

Search:

Supplemental material

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BMJ Open

#1 exp bronchiectasis/
#2 exp acetylcysteine/
#3 (Non-cystic fibrosis bronchiectasis or Non-CF bronchiectasis).ab
#4 #1 or #3
#5 (N-acetylcysteine or NAC).ab
#6 #2 or #5
#7 #4 and #6
#8 (Clinical trial or Randomized controlled trial or Randomized clinical trial or Controlled clinical trial or Randomly or Randomized or Trial).ab.ti
#9 #7 and #8

Databases: Web of Science

Search:

1. ((TS=(Bronchiectasis)) OR ALL=(Non-cystic fibrosis bronchiectasis)) OR ALL=(Non-CF bronchiectasis)
2. ((TS=(Acetylcysteine)) OR ALL=(N-acetylcysteine)) OR ALL=(NAC)
3. 1 AND 2
4. ((((((ALL=(Clinical trial)) OR ALL=(Randomized controlled trial)) OR ALL=(Randomized clinical trial)) OR ALL=(Controlled clinical trial)) OR ALL=(Randomly)) OR ALL=(Randomized)) OR ALL=(Trial)
5. 3 AND 4

Databases: Cochrane Library

Search:

#1 MeSH descriptor: [Bronchiectasis] explode all trees
#2 MeSH descriptor: [Acetylcysteine] explode all trees
#3 (non-cystic fibrosis bronchiectasis):ti,ab,kw OR (non-CF bronchiectasis):ti,ab,kw
#4 (N-acetylcysteine):ti,ab,kw OR (NAC):ti,ab,kw
#5 (randomized controlled trial):ti,ab,kw OR (randomized clinical trial):ti,ab,kw OR (controlled clinical trial):ti,ab,kw OR (randomly):ti,ab,kw OR (randomized):ti,ab,kw OR (trial):ti,ab,kw
#6 #1 OR #3
#7 #2 OR #4
#8 #6 AND #7 AND #5

Other Databases: Chinese Clinical Trial Registry (http://www.chictr.org.cn) and ClinicalTrials.gov (http://www.clinicaltrials.gov/)

Search:
As described above, Using a combination of text terms and subject headings where applicable.

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