

Bilaga 1 Sökdokumentation vitaminer och mineraler/Appendix 1 Search strategies vitamins and minerals

Medline via OvidSP 18 April 2024

Title: Vitamins and minerals for the common cold

Search terms	Items found
Population:	
1. exp Respiratory Tract Infections/ or exp Common Cold/ or Rhinovirus/ or Paramyxoviridae Infections/ or parainfluenza virus 1, human/ or parainfluenza virus 3, human/ or parainfluenza virus 2, human/ or parainfluenza virus 4, human/ or Adenovirus Infections, Human/ or respiratory syncytial viruses/ or respiratory syncytial virus, human/ or Respiratory Syncytial Virus Infections/	666 141
2. (common cold* or coryza (acute adj5 (respiratory infection* or respiratory tract infection* or urti or uri)) or rhinovir* or hrv or parainfluenza* or adenovir* or picornavir* or respiratory syncytial virus* or rsv*).ab,bt,kf,ti.	122 605
3. 1 or 2	754 375
Intervention:	
4. exp Micronutrients/ or Dietary Supplements/or exp Vitamin B Complex/ or exp Vitamin B 12/ or exp Pyridoxine/ or exp Ascorbic Acid/ or exp Vitamin D/ or exp Cholecalciferol/ or exp Ergocalciferols/	793 038
5. (Vitamin B or B-vitamin* or B6 or pyridoxine or B12 or Cobalamin or Vitamin C or C-vitamin* or ascorbic acid* or Vitamin D or D-vitamin* or D2 or D3 or Cholecalciferol* or Ergocalciferol*).ab,bt,kf,ti.	269 138
6. exp Magnesium/ or exp Selenium/ or exp Zinc/	157 545
7. (Magnesium or Selenium or Zinc).ab,bt,kf,ti.	245 645
8. 4 or 5 or 6 or 7	1 127 408
Study types: systematic reviews and meta-analysis	
9. ((Systematic Review/ or Meta-Analysis/ or Cochrane Database Syst Rev.ja. or ((systematic adj4 review) or "meta analys*" or metaanalys*).ti,bt,ab.) not (editorial/ or letter/ or case reports/))	
Final result	
10. 3 AND 8 AND 9	387

/ = Term from the MeSH controlled vocabulary; .sh = Term from the MeSH controlled vocabulary; exp = Term from MeSH including terms found below this term in the MeSH hierarchy; .ti,ab = Title or abstract; .tw = Title or abstract; .kf = Keywords; .kw = Keywords, exact; .bt = Book title. NLM Bookshelf; .pt = Publication type; .ja = Journal abbreviation; .af = All fields; adjn = Adjacent. Proximity operator retrieving adjacent words, adj3 retrieves records with search terms within two terms from each other; * or \$ = Truncation; " " = Citation Marks; searches for an exact phrase

Scopus via scopus.com 18 April 2024

Title: Vitamins and minerals for the common cold

Search terms	Items found
Population:	
1. TITLE-ABS-KEY("common cold*" OR coryza OR (acute W/5 ("respiratory infection*" OR "respiratory tract infection*" OR urti OR uri)) OR rhinovir* OR hrv OR parainfluenza* OR adenovir* OR "picornavir*" OR respiratory syncytial virus*" OR rsv*)	172 393
Intervention:	
2. TITLE-ABS-KEY("Vitamin B" OR B-vitamin* OR B6 OR pyridoxine OR B12 OR Cobalamin OR "Vitamin C" OR C-vitamin* OR "ascorbic acid*" OR "Vitamin D" OR D-vitamin* OR D2 OR D3 OR "Cholecalciferol*" OR Ergocalciferol*)	571 860
3. TITLE-ABS-KEY(Magnesium OR Selenium OR Zinc)	1 213 670
4. 2 OR 3	1 751 707
Study types: systematic reviews and meta-analysis	
5. TITLE-ABS-KEY ((systematic W/2 review) OR "meta analy*" OR metaanaly*) AND (EXCLUDE (DOCTYPE, "le") OR EXCLUDE (DOCTYPE, "ed") OR EXCLUDE (DOCTYPE, "ch") OR EXCLUDE (DOCTYPE, "cp"))	
Final result	
6. 1 AND 4 AND 5	242

TITLE-ABS-KEY = Title, abstract or keywords (including indexed keywords and author keywords); **ALL** = All fields; **W/n** = Within. Proximity operator retrieving terms within *n* words from each other; **PRE/n** = Precedes by. Proximity operator, the first term in the search must precede the second by *n* words; **LIMIT-TO (X)** = Includes only results of specified type, e.g., publication type or time range; **DOCTYPE** = Publication type; **"re"** = review; **"le"** = letter; **"ed"** = editorial; **"ch"** = book chapter; **"cp"** = conference proceedings; ***** = Truncation; **" "** = Citation Marks; searches for an exact phrase

Embase via Elsevier 18 April 2024

Title: Vitamins and minerals for the common cold

Search terms	Items found
Population:	
1. 'common cold'/exp	11 578
2. 'rhinovirus infection'/exp	14 209
3. 'paramyxovirus infection'/de	576
4. 'parainfluenza virus infection'/exp	1980
5. 'respiratory tract infection'/de	77 108
6. 'upper respiratory tract infection'/de	38 286
7. 'viral respiratory tract infection'/de	6022
8. 'respiratory syncytial virus infection'/exp	8815
9. 'viral upper respiratory tract infection'/exp	1744
10. 'human parainfluenza virus 1'/exp	3807
11. 'human parainfluenza virus 3'/exp	2607
12. 'human adenovirus infection'/exp	820
13. 'human respiratory syncytial virus'/exp	22 765
14. 'common cold*':ab,kw,ti	6538
15. coryza:ab,kw,ti	892
16. acute:ab,kw,ti AND ('respiratory infection*':ab,kw,ti OR 'respiratory tract infection*':ab,kw,ti OR urti:ab,kw,ti OR uri:ab,kw,ti)	25 673
17. rhinovir*:ab,kw,ti OR hrv:ab,kw,ti OR parainfluenza*:ab,kw,ti OR adenovir*:ab,kw,ti OR picornavir*:ab,kw,ti OR 'respiratory syncytial virus*':ab,kw,ti OR rsv*:ab,kw,ti	142 736
18. 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 OR 16 OR 17	282 596
Intervention:	
19. 'trace element'/exp	51 427
20. 'dietary supplement'/de	25 320
21. 'vitamin b complex'/de	6647
22. 'cobalamin derivative'/exp	63 015
23. 'pyridoxine derivative'/exp	39 525
24. 'ascorbic acid'/exp	121 653
25. 'vitamin d'/exp	188 552
26. 'vitamin b':ab,kw,ti OR 'b vitamin*':ab,kw,ti OR b6:ab,kw,ti OR pyridoxine:ab,kw,ti OR b12:ab,kw,ti OR cobalamin:ab,kw,ti OR 'vitamin c':ab,kw,ti OR 'c vitamin*':ab,kw,ti OR 'ascorbic acid*':ab,kw,ti OR 'vitamin d':ab,kw,ti OR 'd vitamin*':ab,kw,ti OR d2:ab,kw,ti OR d3:ab,kw,ti OR cholecalciferol*:ab,kw,ti OR ergocalciferol*:ab,kw,ti	352 859
27. 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26	586 351
Study types: systematic reviews and meta-analysis	
28. ('systematic review'/de OR 'meta analysis'/de OR [cochrane review]/lim OR (((systematic NEAR/4 review) OR 'meta analys*' OR metaanalys*):ti,ab)) NOT ('case report'/de OR 'editorial'/it OR 'letter'/it OR 'note'/it))	
Final result	
29. 18 AND 27 AND 28	319

/de = Term from the Emtree controlled vocabulary; /exp = Term from the Emtree controlled vocabulary, including all narrower terms in the hierarchy; ti = Title; ab = Abstract; kw = Author keywords; it = Publication type; NEAR/n = Near. Proximity operator retrieving terms within n words from each other; * = Truncation; ' ' = Citation Marks; searches for an exact phrase

INAHTA HTA Database via inahta.org 18 April 2024**Title:** Vitamins and minerals for the common cold

Search terms		Items found
1.	Vitamin*	129
2.	Mineral*	55
3.	Zinc	4
4.	Magnesium	16
5.	Selenium*	4
Final result		
6.	1 OR 2 OR 3 OR 4 OR 5	0 relevant items found