

Bilaga 5 Sökdokumentation medicintekniska produkter/Appendix 5 Search strategies medical devices

Medline via OvidSP 17 May 2024

Title: Medical devices for common cold

Search terms	Items found
Population:	
1. exp Respiratory Tract Infections/ or exp Common Cold/ or Rhinovirus/ or Coronavirus/ 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/	672 351
2. (common cold* or cold sym?tom* or coryza or (acute adj5 (respiratory infection* or respiratory tract infection* or urti or uri or upper airway infection*)) or rhinovir* or coronavir* or hrv or parainfluenza* or adenovir* or picornavir* or respiratory syncytial virus* or rsv*).ab,bt,kf,ti.	268 582
3. 1 or 2	820 078
Intervention:	
4. ((medical device* or spray* or lozenge*) and (((virus* or viral) adj6 (inhibit* or adhe* or bind* or encapsul* or barrier* or neutral*)) or (protect* adj3 film*))).ab,bt,kf,ti.	183
5. exp Trypsin/ or exp carrageenan/ or exp methylcellulose/	59 687
6. ((trypsin adj3 (cod or gadus morhua)) or trypsin?glycerol or (carrageen* or iota-carrageenan or kappa-carrageenan or carragelose or red seaweed*) or viruseptin or coldstop or coldystop or coldy or coldzyme or enzymatica or viromed or virx or nasofed or virostop or wicks first defence or methylcellulose or betadine cold defence or viruprotect or physiomer virus defence or herb-pharma ag or "Procter & Gamble").ti,ab,af,kf,bt.	27 499
7. 5 or 6	73 443
8. 4 or 7	73 613
Study types: systematic reviews and meta-analysis / controlled clinical trials	
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/))	484 193
10. ((randomized controlled trial or controlled clinical trial or clinical trial, phase iii).pt. or (randomized or randomised).ab. or placebo.ab. or clinical trials as topic.sh. or randomly.ab. or trial.ti. or ("Phase 3" or "phase3" or "phase III" or P3 or "PIII").ti,ab,kw.) not (exp animals/ not humans.sh.) ¹	1 563 597
11. (quasi-experimental or quasi-experiment or quasiexperiment or quasiexperimental or (control* adj5 group*) or "treatment group*" or (compar* adj5 group*) or "wait-list" or "waiting list" or "wait-lists" or "waiting lists" or "intervention group*" or "experimental group*" or (matched adj3 (control* or group* or comparison*)) or (experimental adj3 (trial* or design* or method* or stud* or evaluation* or test* or assessment*)) or placebo or "assessment only" or "treatment as usual" or treatment-as-usual or "services as usual" or "care as usual" or (usual adj2 (treatment or service* or care)) or "standard treatment" or "standard treatments" or "standard service" or "standard services" or "standard care" or "traditional treatment" or "traditional service" or "traditional care" or "ordinary treatment" or "ordinary service" or "ordinary services" or "ordinary care" or "comparison sample" or propensity-matched or control sample or control subject* or intervention sample or "matched control" or no treatment group or	2 268 637

nontreatment control or pseudo experimental or pseudo randomized or quasi-RCT or quasi-randomized or compared with control* or compared to control* or Compared to a control* or non-randomized controlled studie* or nonrandomly assigned).ab,bt,kf,ti.

12.	10 or 11	3 258 550
Combined sets:		
13.	3 and 8 and 9	4
14.	3 and 8 and 12	132
Final result		
15.	13 or 14	133

¹ Cochrane Highly Sensitive Search Strategy for identifying randomized trials in MEDLINE: sensitivity- and precision-maximizing version (2008 revision); Ovid format. The Cochrane Collaboration; 2008. Available from: <https://training.cochrane.org/handbook/current/chapter-04-technical-supplement-searching-and-selecting-studies#section-3-6-1>. with modifications: the following terms are added: clinical trial, phase iii.pt. ; randomised.ab. ; ("Phase 3" or "phase3" or "phase III" or P3 or "PIII").ti,ab,kw.

/ = 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 17 May 2024

Title: Medical devices for common cold

Search terms	Items found
Population:	
1. TITLE-ABS-KEY ("common cold*" OR "cold symptom*" OR "cold symptom*" OR coryza OR (acute W/5 ("respiratory infection*" OR "respiratory tract infection*" OR urti OR uri OR "upper airway infection*")) OR rhinovir* OR coronavir* OR hrv OR parainfluenza* OR adenovir* OR "picornavir*" OR respiratory syncytial virus*" OR rsv*)	589 678
Intervention:	
2. TITLE-ABS-KEY (("medical device*" OR spray* OR lozenge*) AND ((virus* OR viral) W/5 (inhibit* OR adhe* OR bind* OR encapsul* OR barrier* OR neutral*)) OR (protect* W/2 film*))	656
3. TITLE-ABS-KEY (((trypsin W/2 (cod OR "gadus morhua")) OR trypsin?glycerol OR (carrageen* OR iota-carrageenan OR kappa-carrageenan OR carragelose OR "red seaweed*") OR viruseptin OR coldstop OR coldystop OR coldy OR coldzyme OR enzymatica OR viomed OR virx OR nasofed OR virostop OR "wicks first defence" OR methylcellulose OR "betadine cold defence" OR viruprotect OR "physiomer virus defence" OR "herb-pharma ag" OR "procter & gamble"))	48 189
4. AFFIL (viruseptin OR coldstop OR coldystop OR coldy OR coldzyme OR enzymatica OR viomed OR virx OR nasofed OR virostop OR "wicks first defence" OR methylcellulose OR "betadine cold defence" OR viruprotect OR "physiomer virus defence" OR "herb-pharma ag" OR "procter & gamble")	322
5. 3 OR 4	48 504
6. 2 OR 5	49 141
7. 1 AND 6	366
Study types: systematic reviews and meta-analysis / controlled clinical trials	
8. 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"))	712 836
9. TITLE-ABS-KEY ("clinical trials" OR "randomized controlled trial" OR "randomized controlled trials" OR "controlled clinical trial" OR "controlled clinical trials" OR "random allocation" OR "randomly allocated" OR "allocated randomly" OR "double-blind method" OR "single-blind method" OR "cross-over studies" OR placebo* OR "cross-over trial" OR "single blind" OR "double blind" OR "factorial design" OR "factorial trial") OR TITLE (trial* OR rct OR randomised* OR randomized*) OR INDEXTERMS ("clinical trials as a topic" OR "randomized controlled trials as topic" OR "multicenter study" OR "double blind procedure" OR "single blind procedure" OR "crossover procedure" OR "clinical trial" OR "controlled study" OR "randomization" OR "placebo") OR TITLE-ABS-KEY (quasi-experimental OR quasi-experiment OR quasiexperiment OR quasiexperimental OR (control* W/4 group*) OR "treatment group*" OR (compar* W/4 group*) OR "wait-list" OR "waiting list" OR "wait-lists" OR "waiting lists" OR "intervention group*" OR "experimental group*" OR (matched W/2 (control* OR group* OR comparison*)) OR (experimental W/2 (trial* OR design* OR method* OR stud* OR evaluation* OR test* OR assessment*)) OR placebo OR "assessment only" OR "treatment as usual" OR treatment-as-usual OR "services as usual" OR "care as usual" OR (usual W/2 (treatment OR service* OR care)) OR "standard treatment" OR "standard treatments" OR "standard service" OR "standard services" OR "standard care" OR "traditional treatment" OR "traditional service" OR "traditional care" OR "ordinary treatment" OR "ordinary service" OR "ordinary services" OR "ordinary care" OR "comparison sample" OR propensity-matched OR "control sample" OR "control subject*" OR "intervention sample" OR "matched control" OR "no treatment group" OR "nontreatment control" OR "pseudo experimental" OR "pseudo randomi?ed" OR "quasi-rct" OR "quasi-	11 936 880

randomi?ed" OR "compared with control*" OR "compared to control*" OR
 "compared to a control*" OR "non-randomized controlled studie*" OR
 "nonrandomly assigned")

Combined sets:

10.	7 AND 8	13
11.	7 AND 9	202

Final result

12.	10 OR 11	205
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TITLE-ABS-KEY = Title, abstract or keywords (including indexed keywords and author keywords); **AFFIL** = Affiliation; **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 17 May 2024

Title: Medical devices for common cold

Search terms	Items found
Population:	
1. 'common cold*' OR 'cold symptom*' OR 'cold symptom*' OR coryza OR (acute NEAR/5 ('respiratory infection*' OR 'respiratory tract infection*' OR urti OR uri OR 'upper airway infection*')) OR rhinovir* OR coronavir* OR hrv OR parainfluenza* OR adenovir* OR picornavir* OR 'respiratory syncytial virus*' OR rsv*:ti,ab,kw	657 470
2. 'respiratory tract infection'/exp OR 'common cold'/exp OR 'rhinovirus'/de OR 'rhinovirus infection'/de OR 'coronavirinae'/de OR 'coronavirus infection'/de OR 'paramyxovirus infection'/de OR 'human parainfluenza virus 1'/de OR 'human parainfluenza virus 3'/de OR 'human parainfluenza virus 2'/de OR 'human parainfluenza virus 4'/de OR 'human adenovirus infection'/de OR 'pneumovirus'/de OR 'respiratory syncytial virus infection'/de	601 964
3. 1 OR 2	1 152 603*
Intervention:	
4. ('medical device*' OR spray* OR lozenge*) AND (((virus* OR viral) NEAR/5 (inhibit* OR adhe* OR bind* OR encapsul* OR barrier* OR neutral*)):ti,ab,kw) OR ((protect* NEAR/3 film*):ti,ab,kw)	263
5. 'trypsin'/exp OR 'carrageenan'/exp OR 'methylcellulose'/exp OR 'methylcellulose therapeutic use'/exp	71 832
6. (trypsin NEAR/3 (cod OR 'gadus morhua')) OR trypsin\$glycerol OR carrageen* OR 'iota-carrageenan' OR 'kappa-carrageenan' OR carragelose OR 'red seaweed*' OR methylcellulose OR viruseptin OR coldstop OR coldystop OR coldy OR coldzyme OR enzymatica OR viomed OR virx OR nasofed OR virostop OR 'wicks first defence' OR 'betadine cold defence' OR viruprotect OR 'physiomer virus defence' OR 'herb-pharma ag' OR 'procter & gamble':ti,ab,kw,ff	37 820
7. #5 OR #6	85 930
8. #4 OR #7	86 178
Study types: systematic reviews and meta-analysis / controlled trials	
9. ('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)	709 998
10. 'randomized controlled trial'/exp OR 'controlled clinical trial'/exp OR randomi?ed:ti,ab OR placebo:ti,ab OR 'drug therapy':lnk OR randomly:ti,ab OR trial*:ti,ab	7 045 747
11. 'quasi experimental' OR 'quasi experiment' OR quasiexperiment OR quasiexperimental OR (control* NEAR/5 group*) OR 'treatment group*' OR (compar* NEAR/5 group*) OR 'wait-list' OR 'waiting list' OR 'wait-lists' OR 'waiting lists' OR 'intervention group*' OR 'experimental group*' OR (matched NEAR/3 (control* OR group* OR comparison*)) OR (experimental NEAR/3 (trial* OR design* OR method* OR stud* OR evaluation* OR test* OR assessment*)) OR placebo OR 'assessment only' OR 'treatment as usual' OR 'services as usual' OR 'care as usual' OR (usual NEAR/3 (treatment OR service* OR care)) OR 'standard treatment' OR 'standard treatments' OR 'standard service' OR 'standard services' OR 'standard care' OR 'traditional treatment' OR 'traditional service' OR 'traditional care' OR 'ordinary treatment' OR 'ordinary service' OR 'ordinary services' OR 'ordinary care' OR 'comparison sample' OR 'propensity matched' OR 'control sample' OR 'control subject*' OR 'intervention sample' OR 'matched control' OR 'no treatment group' OR 'nontreatment control' OR 'pseudo experimental' OR 'pseudo randomi?ed' OR 'quasi-rct' OR 'quasi-randomi?ed' OR 'compared with control*' OR 'compared to control*' OR 'compared to a control*' OR 'non-randomi?ed controlled studie*' OR 'nonrandomly assigned':ti,ab,kw	3 424 042
12. #10 OR #11	9 094 850
Combined sets:	
13. #3 AND #8 AND #9	21
14. #3 AND #8 AND #12	415

Final result

15.	#13 OR #14	420
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/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 17 May 2024

Title: Medical devices for common cold

Search terms		Items found
1.	carrageenan (tw)	0
2.	trypsin	1
3.	spray	21
4.	"common cold(s)"	1
5.	cold = 35 träffar (ingen relevant)	
Final result		
6.	1 OR 2 OR 3 OR 4 OR 5	0 relevant items found

ClinicalTrials.gov Database via <https://clinicaltrials.gov/> 31 May 2024

Title: Medical devices for common cold

Search terms		Items found
1.	Common colds	
Limits:		
2.	Completed studies	
Final result		
3.	1 AND 2	141