

## Collated Search Strategies for the Bronchiolitis Guideline

What symptoms, signs and clinical course are typical of bronchiolitis, and allow differentiation from other respiratory conditions?

**Database(s): Ovid MEDLINE(R)**

**BRONC\_signs\_symptoms\_RERUN1\_medline\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	or/8-10
12	RESPIRATORY SOUNDS/
13	(crepit\$ or crackl\$ or wheez\$ or stridor\$ or grunt\$).ti,ab.
14	RESPIRATION DISORDERS/
15	exp APNEA/
16	exp DYSPNEA/
17	TACHYPNEA/
18	(apn?ea\$ or dyspn?ea\$ or tachypn?ea\$).ti,ab.
19	((respirat\$ or breath\$) adj3 (distress\$ or disorder? or alter\$ or short\$ or difficult\$ or rapid\$ or fast\$ or quick\$)).ti,ab.
20	(increas\$ adj3 (work or effort) adj3 (breath\$ or respirat\$)).ti,ab.
21	breathless\$.ti,ab.
22	((chest or sternal or sternum or intercostal) adj3 (in drawing or in?drawing or recess\$ or retract\$)).ti,ab.
23	(prolong\$ adj3 expirat\$).ti,ab.
24	(tracheal tug\$ or Campbell's sign).ti,ab.
25	HEAD MOVEMENTS/
26	(head adj3 (move\$ or bob\$) adj3 (breath\$ or respirat\$)).ti,ab.
27	NOSE/

28	((nose or nasal or nostril? or alar) adj3 flar\$).ti,ab.
29	MUCUS/
30	RHINITIS/
31	(mucus or coryza? or rhinitis).ti,ab.
32	(nasal adj (catarrh or discharge)).ti,ab.
33	COUGH/
34	(cough\$ or tussis\$).ti,ab.
35	FEVER/
36	(fever\$ or febrile\$ or pyrex\$).ti,ab.
37	CYANOSIS/
38	cyano\$.ti,ab.
39	FLUSHING/ or PALLOR/
40	(pallor or flush\$).ti,ab.
41	(skin adj3 (color\$ or change\$ or pale)).ti,ab.
42	exp TACHYCARDIA/
43	(tachycardi\$ or tachya?rhythm\$).ti,ab.
44	ANOXIA/
45	(hypox\$ or anox\$).ti,ab.
46	((oxygen or O2) adj deficient\$).ti,ab.
47	exp BEHAVIOR/ or IRRITABLE MOOD/ or CRYING/
48	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).ti,ab.
49	LETHARGY/
50	(letharg\$ or sluggish\$ or listless\$ or sleep\$ or drows\$).ti,ab.
51	FEEDING BEHAVIOR/ or SUCKING BEHAVIOR/
52	((able or unable or abilit\$ or inabilit\$ or difficult\$) adj3 (feed\$ or breastfeed\$ or fed or breastfed\$ or suck\$)).ti,ab.
53	AGE FACTORS/
54	AGE DISTRIBUTION/
55	TIME FACTORS/
56	TIME TO TREATMENT/
57	((age\$ or time or timing) adj4 (factor\$ or onset or diagnos\$ or treatment\$ or present\$)).ti,ab.
58	((ill\$ or sick\$ or symptom? or bronchiol\$) adj3 (durat\$ or onset\$)).ti,ab.
59	or/12-58
60	exp "SIGNS and SYMPTOMS"/
61	(sign? or symptom\$ or complain\$).ti,ab.
62	(clinical adj3 (manifestation? or feature? or finding? or aspect?)).ti,ab.
63	(presenting adj3 (feature? or finding? or factor?)).ti,ab.
64	presentation?.ti,ab.
65	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).ti,ab.
66	((ill or sick) adj3 (looking or appearance)).ti,ab.

67	unwell.ti,ab.
68	or/60-67
69	DIAGNOSIS/
70	(diagnos\$ or differentia\$).ti.
71	di.fs. [Diagnosis]
72	SEVERITY OF ILLNESS INDEX/
73	CLASSIFICATION/
74	(classif\$ or defin\$).ti.
75	or/69-74
76	DISEASE PROGRESSION/
77	RECOVERY OF FUNCTION/
78	CONVALESCENCE/
79	((bronchiol\$ or disease or ill\$ or sick\$ or symptom?) adj3 (durat\$ or onset\$ or progress\$ or course? or chang\$ or peak\$ or trajector\$)).ti,ab.
80	or/76-79
81	7 and 11 and (59 or 68) and 75
82	and/7,11,80
83	*BRONCHIOLITIS/cl, di, ep, sn, td [Classification, Diagnosis, Epidemiology, Statistics and Numerical Data, Trends]
84	*BRONCHIOLITIS, VIRAL/cl, di, ep, sn, td [Classification, Diagnosis, Epidemiology, Statistics and Numerical Data, Trends]
85	*RESPIRATORY TRACT DISEASES/cl, di [Classification, Diagnosis]
86	(*BRONCHIOLITIS/ or *BRONCHIOLITIS, VIRAL/ or *RESPIRATORY TRACT DISEASES/) and DIAGNOSIS, DIFFERENTIAL/
87	or/83-86
88	and/7,87
89	or/81-82,88
90	limit 89 to english language
91	LETTER/
92	EDITORIAL/
93	NEWS/
94	exp HISTORICAL ARTICLE/
95	ANECDOTES AS TOPIC/
96	COMMENT/
97	(letter or comment* or abstracts).ti.
98	or/91-97
99	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
100	98 not 99
101	ANIMALS/ not HUMANS/
102	exp ANIMALS, LABORATORY/

103	exp ANIMAL EXPERIMENTATION/
104	exp MODELS, ANIMAL/
105	exp RODENTIA/
106	(rat or rats or mouse or mice).ti.
107	or/100-106
108	90 not 107

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_signs\_symptoms\_RERUN1\_mip\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	bronchiol\$.ti,ab.
6	(crepit\$ or crackl\$ or wheez\$ or stridor\$ or grunt\$).ti,ab.
7	(apn?ea\$ or dyspn?ea\$ or tachypn?ea\$).ti,ab.
8	((respirat\$ or breath\$) adj3 (distress\$ or disorder? or alter\$ or short\$ or difficult\$ or rapid\$ or fast\$ or quick\$)).ti,ab.
9	(increas\$ adj3 (work or effort) adj3 (breath\$ or respirat\$)).ti,ab.
10	breathless\$.ti,ab.
11	((chest or sternal or sternum or intercostal) adj3 (in drawing or in?drawing or recess\$ or retract\$)).ti,ab.
12	(prolong\$ adj3 expirat\$).ti,ab.
13	(tracheal tug\$ or Campbell's sign).ti,ab.
14	(head adj3 (move\$ or bob\$) adj3 (breath\$ or respirat\$)).ti,ab.
15	((nose or nasal or nostril? or alar) adj3 flar\$).ti,ab.
16	(mucus or coryza? or rhinitis).ti,ab.
17	(nasal adj (catarrh or discharge)).ti,ab.
18	(cough\$ or tussis\$).ti,ab.
19	(fever\$ or febr\$ or pyrex\$).ti,ab.
20	cyano\$.ti,ab.
21	(pallor or flush\$).ti,ab.
22	(skin adj3 (colo?r\$ or chang\$ or pale)).ti,ab.
23	(tachycardi\$ or tachya?rhythm\$).ti,ab.
24	(hypox\$ or anox\$).ti,ab.
25	((oxygen or O2) adj deficien\$).ti,ab.
26	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).ti,ab.
27	(letharg\$ or sluggish\$ or listless\$ or sleep\$ or drows\$).ti,ab.

28	((able or unable or abilit\$ or inabilit\$ or difficult\$) adj3 (feed\$ or breastfeed\$ or fed or breastfed\$ or suck\$)).ti,ab.
29	((age\$ or time or timing) adj4 (factor\$ or onset or diagnos\$ or treatment\$ or present\$)).ti,ab.
30	((ill\$ or sick\$ or symptom? or bronchiol\$) adj3 (durat\$ or onset\$)).ti,ab.
31	or/6-30
32	(sign? or symptom\$ or complain\$).ti,ab.
33	(clinical adj3 (manifestation? or feature? or finding? or aspect?)).ti,ab.
34	(presenting adj3 (feature? or finding? or factor?)).ti,ab.
35	presentation?.ti,ab.
36	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).ti,ab.
37	((ill or sick) adj3 (looking or appearance)).ti,ab.
38	unwell.ti,ab.
39	or/32-38
40	(diagnos\$ or differentia\$).ti.
41	(classif\$ or defin\$).ti.
42	or/40-41
43	((bronchiol\$ or disease or ill\$ or sick\$ or symptom?) adj3 (durat\$ or onset\$ or progress\$ or course? or chang\$ or peak\$ or trajector\$)).ti,ab.
44	4 and 5 and (31 or 39) and 42
45	and/4-5,43
46	or/44-45
47	limit 46 to english language

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_signs\_symptoms\_RERUN1\_cctr\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	or/8-10
12	RESPIRATORY SOUNDS/
13	(crepit\$ or crackl\$ or wheez\$ or stridor\$ or grunt\$).ti,ab.

14	RESPIRATION DISORDERS/
15	exp APNEA/
16	exp DYSPNEA/
17	TACHYPNEA/
18	(apn?ea\$ or dyspn?ea\$ or tachypn?ea\$).ti,ab.
19	((respirat\$ or breath\$) adj3 (distress\$ or disorder? or alter\$ or short\$ or difficult\$ or rapid\$ or fast\$ or quick\$)).ti,ab.
20	(increas\$ adj3 (work or effort) adj3 (breath\$ or respirat\$)).ti,ab.
21	breathless\$.ti,ab.
22	((chest or sternal or sternum or intercostal) adj3 (in drawing or in?drawing or recess\$ or retract\$)).ti,ab.
23	(prolong\$ adj3 expirat\$).ti,ab.
24	(tracheal tug\$ or Campbell's sign).ti,ab.
25	HEAD MOVEMENTS/
26	(head adj3 (move\$ or bob\$) adj3 (breath\$ or respirat\$)).ti,ab.
27	NOSE/
28	((nose or nasal or nostril? or alar) adj3 flar\$).ti,ab.
29	MUCUS/
30	RHINITIS/
31	(mucus or coryza? or rhinitis).ti,ab.
32	(nasal adj (catarrh or discharge)).ti,ab.
33	COUGH/
34	(cough\$ or tussis\$).ti,ab.
35	FEVER/
36	(fever\$ or febr\$ or pyrex\$).ti,ab.
37	CYANOSIS/
38	cyano\$.ti,ab.
39	FLUSHING/ or PALLOR/
40	(pallor or flush\$).ti,ab.
41	(skin adj3 (colo?r\$ or chang\$ or pale)).ti,ab.
42	exp TACHYCARDIA/
43	(tachycardi\$ or tachya?rhythm\$).ti,ab.
44	ANOXIA/
45	(hypox\$ or anox\$).ti,ab.
46	((oxygen or O2) adj deficien\$).ti,ab.
47	exp BEHAVIOR/ or IRRITABLE MOOD/ or CRYING/
48	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).ti,ab.
49	LETHARGY/
50	(letharg\$ or sluggish\$ or listless\$ or sleep\$ or drows\$).ti,ab.
51	FEEDING BEHAVIOR/ or SUCKING BEHAVIOR/

52	((able or unable or abilit\$ or inabilit\$ or difficult\$) adj3 (feed\$ or breastfeed\$ or fed or breastfed\$ or suck\$)).ti,ab.
53	AGE FACTORS/
54	AGE DISTRIBUTION/
55	TIME FACTORS/
56	TIME TO TREATMENT/
57	((age\$ or time or timing) adj4 (factor\$ or onset or diagnos\$ or treatment\$ or present\$)).ti,ab.
58	((ill\$ or sick\$ or symptom? or bronchiol\$) adj3 (durat\$ or onset\$)).ti,ab.
59	or/12-58
60	exp "SIGNS and SYMPTOMS"/
61	(sign? or symptom\$ or complain\$).ti,ab.
62	(clinical adj3 (manifestation? or feature? or finding? or aspect?)).ti,ab.
63	(presenting adj3 (feature? or finding? or factor?)).ti,ab.
64	presentation?.ti,ab.
65	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).ti,ab.
66	((ill or sick) adj3 (looking or appearance)).ti,ab.
67	unwell.ti,ab.
68	or/60-67
69	DIAGNOSIS/
70	(diagnos\$ or differentia\$).ti.
71	di.fs. [Diagnosis]
72	SEVERITY OF ILLNESS INDEX/
73	CLASSIFICATION/
74	(classif\$ or defin\$).ti.
75	or/69-74
76	DISEASE PROGRESSION/
77	RECOVERY OF FUNCTION/
78	CONVALESCENCE/
79	((bronchiol\$ or disease or ill\$ or sick\$ or symptom?) adj3 (durat\$ or onset\$ or progress\$ or course? or chang\$ or peak\$ or trajector\$)).ti,ab.
80	or/76-79
81	7 and 11 and (59 or 68) and 75
82	and/7,11,80
83	BRONCHIOLITIS/cl, di, ep, sn, td [Classification, Diagnosis, Epidemiology, Statistics and Numerical Data, Trends]
84	BRONCHIOLITIS, VIRAL/cl, di, ep, sn, td [Classification, Diagnosis, Epidemiology, Statistics and Numerical Data, Trends]
85	RESPIRATORY TRACT DISEASES/cl, di [Classification, Diagnosis]
86	(BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/ or RESPIRATORY TRACT DISEASES/) and DIAGNOSIS, DIFFERENTIAL/
87	or/83-86

88	and/7,87
89	or/81-82,88

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_signs\_symptoms\_RERUN1\_cdsrdare\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,kw,jw,rw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,kw,jw,rw.
3	p?ediatric\$.tw,tx,kw,jw,rw.
4	or/1-3
5	bronchiol\$.tw,tx,kw.
6	RESPIRATORY SOUND?.kw.
7	(crepit\$ or crackl\$ or wheez\$ or stridor\$ or grunt\$).tw,tx,kw.
8	(apn?ea\$ or dyspn?ea\$ or tachypn?ea\$).tw,tx,kw.
9	((respirat\$ or breath\$) adj3 (distress\$ or disorder? or alter\$ or short\$ or difficult\$ or rapid\$ or fast\$ or quick\$)).tw,tx,kw.
10	(increas\$ adj3 (work or effort) adj3 (breath\$ or respirat\$)).tw,tx.
11	breathless\$.tw,tx.
12	((chest or sternal or sternum or intercostal) adj3 (in drawing or in?drawing or recess\$ or retract\$)).tw,tx.
13	(prolong\$ adj3 expirat\$).tw,tx.
14	(tracheal tug\$ or Campbell's sign).tw,tx.
15	HEAD MOVEMENT?.kw.
16	(head adj3 (move\$ or bob\$) adj3 (breath\$ or respirat\$)).tw,tx.
17	NOSE.kw.
18	((nose or nasal or nostril? or alar) adj3 flar\$).tw,tx.
19	(mucus or coryza? or rhinitis).tw,tx,kw.
20	(nasal adj (catarrh or discharge)).tw,tx.
21	(cough\$ or tussis\$).tw,tx,kw.
22	(fever\$ or febr\$ or pyrex\$).tw,tx,kw.
23	cyano\$.tw,tx,kw.
24	(pallor or flush\$).tw,tx,kw.
25	(skin adj3 (colo?r\$ or chang\$ or pale)).tw,tx.
26	(tachycardi\$ or tachya?rhythm\$).tw,tx,kw.
27	(hypox\$ or anox\$).tw,tx,kw.
28	((oxygen or O2) adj deficien\$).tw,tx.
29	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).tw,tx,kw.
30	(letharg\$ or sluggish\$ or listless\$ or sleep\$ or drows\$).tw,tx,kw.



31	(FEEDING BEHAVIOR or SUCKING BEHAVIOR).kw.
32	((able or unable or abilit\$ or inabilit\$ or difficult\$) adj3 (feed\$ or breastfeed\$ or fed or breastfed\$ or suck\$)).tw,tx.
33	(AGE or TIME).kw.
34	((age\$ or time or timing) adj4 (factor\$ or onset or diagnos\$ or treatment\$ or present\$)).tw,tx,kw.
35	((ill\$ or sick\$ or symptom? or bronchiol\$) adj3 (durat\$ or onset\$)).tw,tx.
36	or/6-35
37	(sign? or symptom\$ or complain\$).tw,tx,kw.
38	(clinical adj3 (manifestation? or feature? or finding? or aspect?)).tw,tx.
39	(presenting adj3 (feature? or finding? or factor?)).tw,tx.
40	presentation?.tw,tx.
41	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).tw,tx.
42	((ill or sick) adj3 (looking or appearance)).tw,tx.
43	unwell.tw,tx.
44	or/37-43
45	(diagnos\$ or differentia\$).ti,kw.
46	SEVERITY OF ILLNESS INDEX.kw.
47	(classif\$ or defin\$).ti,kw.
48	or/45-47
49	RECOVERY OF FUNCTION.kw.
50	CONVALESCENCE.kw.
51	DISEASE EXACERBATION.kw.
52	((bronchiol\$ or disease or ill\$ or sick\$ or symptom?) adj3 (durat\$ or onset\$ or progress\$ or course? or chang\$ or peak\$ or trajector\$)).tw,tx.
53	or/49-52
54	4 and 5 and (36 or 44) and 48
55	and/4-5,53
56	(BRONCHIOLITIS or RESPIRATORY TRACT DISEASES).kw.
57	DIFFERENTIAL.kw.
58	and/4,56-57
59	or/54-55,58

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_signs\_symptoms\_RERUN1\_hta\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.

5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.tw.
11	or/8-10
12	RESPIRATORY SOUNDS/
13	(crepit\$ or crackl\$ or wheez\$ or stridor\$ or grunt\$).tw.
14	RESPIRATION DISORDERS/
15	exp APNEA/
16	exp DYSPNEA/
17	TACHYPNEA/
18	(apn?ea\$ or dyspn?ea\$ or tachypn?ea\$).tw.
19	((respirat\$ or breath\$) adj3 (distress\$ or disorder? or alter\$ or short\$ or difficult\$ or rapid\$ or fast\$ or quick\$)).tw.
20	(increas\$ adj3 (work or effort) adj3 (breath\$ or respirat\$)).tw.
21	breathless\$.tw.
22	((chest or sternal or sternum or intercostal) adj3 (in drawing or in?drawing or recess\$ or retract\$)).tw.
23	(prolong\$ adj3 expirat\$).tw.
24	(tracheal tug\$ or Campbell's sign).tw.
25	HEAD MOVEMENTS/
26	(head adj3 (move\$ or bob\$) adj3 (breath\$ or respirat\$)).tw.
27	NOSE/
28	((nose or nasal or nostril? or alar) adj3 flar\$).tw.
29	MUCUS/
30	RHINITIS/
31	(mucus or coryza? or rhinitis).tw.
32	(nasal adj (catarrh or discharge)).tw.
33	COUGH/
34	(cough\$ or tussis\$).tw.
35	FEVER/
36	(fever\$ or febr\$ or pyrex\$).tw.
37	CYANOSIS/
38	cyano\$.tw.
39	FLUSHING/ or PALLOR/
40	(pallor or flush\$).tw.
41	(skin adj3 (colo?r\$ or chang\$ or pale)).tw.
42	exp TACHYCARDIA/

43	(tachycardi\$ or tachya?rhythm\$).tw.
44	ANOXIA/
45	(hypox\$ or anox\$).tw.
46	((oxygen or O2) adj deficien\$).tw.
47	exp BEHAVIOR/ or IRRITABLE MOOD/ or CRYING/
48	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).tw.
49	LETHARGY/
50	(letharg\$ or sluggish\$ or listless\$ or sleep\$ or drows\$).tw.
51	FEEDING BEHAVIOR/ or SUCKING BEHAVIOR/
52	((able or unable or abilit\$ or inabilit\$ or difficult\$) adj3 (feed\$ or breastfeed\$ or fed or breastfed\$ or suck\$)).tw.
53	AGE FACTORS/
54	AGE DISTRIBUTION/
55	TIME FACTORS/
56	TIME TO TREATMENT/
57	((age\$ or time or timing) adj4 (factor\$ or onset or diagnos\$ or treatment\$ or present\$)).tw.
58	((ill\$ or sick\$ or symptom? or bronchiol\$) adj3 (durat\$ or onset\$)).tw.
59	or/12-58
60	exp "SIGNS and SYMPTOMS"/
61	(sign? or symptom\$ or complain\$).tw.
62	(clinical adj3 (manifestation? or feature? or finding? or aspect?)).tw.
63	(presenting adj3 (feature? or finding? or factor?)).tw.
64	presentation?.tw.
65	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).tw.
66	((ill or sick) adj3 (looking or appearance)).tw.
67	unwell.tw.
68	or/60-67
69	DIAGNOSIS/
70	(diagnos\$ or differentia\$).ti.
71	di.fs. [Diagnosis]
72	SEVERITY OF ILLNESS INDEX/
73	CLASSIFICATION/
74	(classif\$ or defin\$).ti.
75	or/69-74
76	DISEASE PROGRESSION/
77	RECOVERY OF FUNCTION/
78	CONVALESCENCE/
79	((bronchiol\$ or disease or ill\$ or sick\$ or symptom?) adj3 (durat\$ or onset\$ or progress\$ or course? or chang\$ or peak\$ or trajectory\$)).tw.
80	or/76-79

81	7 and 11 and (59 or 68) and 75
82	and/7,11,80
83	BRONCHIOLITIS/cl, di, ep, sn, td [Classification, Diagnosis, Epidemiology, Statistics and Numerical Data, Trends]
84	BRONCHIOLITIS, VIRAL/cl, di, ep, sn, td [Classification, Diagnosis, Epidemiology, Statistics and Numerical Data, Trends]
85	RESPIRATORY TRACT DISEASES/cl, di [Classification, Diagnosis]
86	(BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/ or RESPIRATORY TRACT DISEASES/) and DIAGNOSIS, DIFFERENTIAL/
87	or/83-86
88	and/7,87
89	or/81-82,88

**Database(s): Embase**

**BRONC\_signs\_symptoms\_RERUN1\_embase\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp NEWBORN/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jx,ec.
7	or/1-6
8	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
9	BRONCHIOLE/
10	bronchiol\$.ti,ab.
11	or/8-10
12	exp ABNORMAL RESPIRATORY SOUND/
13	(crepit\$ or crackl\$ or wheez\$ or stridor\$ or grunt\$).ti,ab.
14	BREATHING DISORDER/
15	exp APNEA/
16	exp DYSPNEA/
17	exp TACHYPNEA/
18	(apn?ea\$ or dyspn?ea\$ or tachypn?ea\$).ti,ab.
19	((respirat\$ or breath\$) adj3 (distress\$ or disorder? or alter\$ or short\$ or difficult\$ or rapid\$ or fast\$ or quick\$)).ti,ab.
20	(increas\$ adj3 (work or effort) adj3 (breath\$ or respirat\$)).ti,ab.
21	breathless\$.ti,ab.
22	((chest or sternal or sternum or intercostal) adj3 (in drawing or in?drawing or recess\$ or retract\$)).ti,ab.

23	(prolong\$ adj3 expirat\$).ti,ab.
24	(tracheal tug\$ or Campbell's sign).ti,ab.
25	HEAD MOVEMENT/
26	(head adj3 (move\$ or bob\$) adj3 (breath\$ or respirat\$)).ti,ab.
27	NOSE/
28	((nose or nasal or nostril? or alar) adj3 flar\$).ti,ab.
29	NOSE MUCUS/
30	RHINITIS/
31	(mucus or coryza? or rhinitis).ti,ab.
32	(nasal adj (catarrh or discharge)).ti,ab.
33	COUGHING/
34	(cough\$ or tussis\$).ti,ab.
35	FEVER/
36	(fever\$ or febril\$ or pyrex\$).ti,ab.
37	CYANOSIS/
38	cyano\$.ti,ab.
39	FLUSHING/ or PALLOR/
40	(pallor or flush\$).ti,ab.
41	(skin adj3 (colo?r\$ or chang\$ or pale)).ti,ab.
42	exp TACHYCARDIA/
43	(tachycardi\$ or tachya?rhythm\$).ti,ab.
44	exp HYPOXEMIA/
45	(hypox\$ or anox\$).ti,ab.
46	((oxygen or O2) adj deficien\$).ti,ab.
47	exp BEHAVIOR/ or IRRITABILITY/ or CRYING/
48	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).ti,ab.
49	LETHARGY/ or DROWSINESS/
50	(letharg\$ or sluggish\$ or listless\$ or sleep\$ or drows\$).ti,ab.
51	FEEDING BEHAVIOR/
52	((able or unable or abilit\$ or inabilit\$ or difficult\$) adj3 (feed\$ or breastfeed\$ or fed or breastfed\$ or suck\$)).ti,ab.
53	AGE/
54	AGE DISTRIBUTION/
55	ONSET AGE/
56	TIME/
57	TIME TO TREATMENT/
58	((age\$ or time or timing) adj4 (factor\$ or onset or diagnos\$ or treatment\$ or present\$)).ti,ab.
59	((ill\$ or sick\$ or symptom? or bronchiol\$) adj3 (durat\$ or onset\$)).ti,ab.
60	or/12-59
61	exp SYMPTOMATOLOGY/

62	(sign? or symptom\$ or complain\$).ti,ab.
63	(clinical adj3 (manifestation? or feature? or finding? or aspect?)).ti,ab.
64	(presenting adj3 (feature? or finding? or factor?)).ti,ab.
65	presentation?.ti,ab.
66	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).ti,ab.
67	((ill or sick) adj3 (looking or appearance)).ti,ab.
68	unwell.ti,ab.
69	or/61-68
70	DIAGNOSIS/
71	(diagnos\$ or differentia\$).ti.
72	di.fs. [Diagnosis]
73	SEVERITY OF ILLNESS INDEX/
74	DISEASE CLASSIFICATION/
75	(classif\$ or defin\$).ti.
76	or/70-75
77	DISEASE COURSE/
78	DISEASE DURATION/
79	DISEASE EXACERBATION/
80	ILLNESS TRAJECTORY/
81	CONVALESCENCE/
82	((bronchiol\$ or disease or ill\$ or sick\$ or symptom?) adj3 (durat\$ or onset\$ or progress\$ or course? or chang\$ or peak\$ or trajector\$)).ti,ab.
83	or/77-82
84	7 and 11 and (60 or 69) and 76
85	and/7,11,83
86	*BRONCHIOLITIS/di, ep [Diagnosis, Epidemiology]
87	*VIRAL BRONCHIOLITIS/di, ep [Diagnosis, Epidemiology]
88	(*BRONCHIOLITIS/ or *VIRAL BRONCHIOLITIS/ or *RESPIRATORY TRACT DISEASE/) and DIFFERENTIAL DIAGNOSIS/
89	or/86-88
90	and/7,89
91	or/84-85,90
92	limit 91 to english language
93	conference abstract.pt.
94	letter.pt. or LETTER/
95	note.pt.
96	editorial.pt.
97	(letter or comment* or abstracts).ti.
98	or/93-97
99	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.

100	98 not 99
101	ANIMAL/ not HUMAN/
102	NONHUMAN/
103	exp ANIMAL EXPERIMENT/
104	exp EXPERIMENTAL ANIMAL/
105	ANIMAL MODEL/
106	exp RODENT/
107	(rat or rats or mouse or mice).ti.
108	or/100-107
109	92 not 108

## What are the risk factors for severe bronchiolitis?

Database(s): Ovid MEDLINE(R)

BRONC\_risk\_factors\_RERUN1\_medline\_300514

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
20	low\$ respiratory tract\$.ti,ab.
21	(LR?I\$ or ALR?I\$).ti,ab.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.ti,ab.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).ti,ab.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/



34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).ti,ab.
36	influenza\$.ti,ab,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.ti,ab.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.ti,ab.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	RISK FACTORS/
48	risk?.ti.
49	risk factor?.ab.
50	or/47-49
51	exp INFANT, PREMATURE/
52	(pre term or preterm or pre matur\$ or prematur\$ or pre#mie? or premie or premies).ti,ab.
53	BRONCHOPULMONARY DYSPLASIA/
54	((lung or bronchopulmonary) adj3 dysplasia).ti,ab.
55	exp HEART DEFECTS, CONGENITAL/
56	(congenital adj3 (heart or cardi\$) adj3 (defect\$ or abnormal\$ or disease\$ or malform\$ or anomal\$)).ti,ab.
57	LUNG DISEASE/
58	(chronic\$ adj3 (lung disease? or pulmonary disease? or pneumopathy)).ti,ab.
59	CYSTIC FIBROSIS/
60	(cystic fibrosis or fibrocystic disease? or mucovisc??dosi\$).ti,ab.
61	exp IMMUNOLOGIC DEFICIENCY SYNDROMES/
62	(immunodef\$ or immunodepress\$ or immunosuppress\$).ti,ab.
63	(immun\$ adj3 (defic\$ or defect\$ or depress\$ or suppress\$ or incompeten\$)).ti,ab.
64	BREAST FEEDING/
65	breastfe\$.ti,ab.
66	(breast\$ adj3 (fed or feed\$)).ti,ab.
67	AGE FACTORS/
68	(age or young\$).ti,ab.
69	SEX FACTORS/
70	(sex or gender or male? or female?).ti,ab.
71	HOSPITALIZATION/
72	PATIENT ADMISSION/

73	CHILD, HOSPITALIZED/
74	hospitali\$.ti,ab.
75	(hospital adj3 (admit\$ or admission\$)).ti,ab.
76	EPIDEMIOLOGIC FACTORS/
77	ethnic\$.ti,ab.
78	DOWN SYNDROME/
79	(down\$ syndrome or trisomy 21).ti,ab.
80	TOBACCO SMOKE POLLUTION/
81	SMOKING/ae [Adverse effects]
82	(smok\$ or tobacco or cigar\$).ti,ab.
83	exp MULTIPLE BIRTH OFFSPRING/
84	(multiple birth\$ or twin\$ or triplet\$ or quadruplet\$ or quintuplet\$).ti,ab.
85	or/51-84
86	and/46,50,85
87	BRONCHIOLITIS/ep, et [Epidemiology, Etiology]
88	or/86-87
89	and/7,88
90	limit 89 to english language
91	LETTER/
92	EDITORIAL/
93	NEWS/
94	exp HISTORICAL ARTICLE/
95	ANECDOTES AS TOPIC/
96	COMMENT/
97	CASE REPORT/
98	(letter or comment* or abstracts).ti.
99	or/91-98
100	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
101	99 not 100
102	ANIMALS/ not HUMANS/
103	exp ANIMALS, LABORATORY/
104	exp ANIMAL EXPERIMENTATION/
105	exp MODELS, ANIMAL/
106	exp RODENTIA/
107	(rat or rats or mouse or mice).ti.
108	or/101-107
109	90 not 108

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations

**BRONC\_risk\_factors\_RERUN1\_mip\_300514**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
6	(respiratory sync#tial vir\$ or RSV).ti,ab.
7	or/5-6
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?I\$ or ALR?I\$).ti,ab.
11	or/8-10
12	(crepit\$ or crackl\$ or wheez\$).ti,ab.
13	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
14	pneumovir\$.ti,ab.
15	(paramyxovir\$ or metapneumovir\$).ti,ab.
16	(adenovir\$ or mastadenovir\$).ti,ab.
17	influenza\$.ti,ab.
18	enterovir\$.ti,ab.
19	rhinovir\$.ti,ab.
20	or/13-19
21	and/11-12
22	and/11,20
23	and/12,20
24	or/21-23
25	or/7,24
26	risk?.ti.
27	risk factor?.ab.
28	or/26-27
29	(pre term or preterm or pre matur\$ or prematur\$ or pre#mie? or premie or premies).ti,ab.
30	((lung or bronchopulmonary) adj3 dysplasia).ti,ab.
31	(congenital adj3 (heart or cardi\$) adj3 (defect\$ or abnormal\$ or disease\$ or malform\$ or anomal\$)).ti,ab.
32	(chronic\$ adj3 (lung disease? or pulmonary disease? or pneumopathy)).ti,ab.
33	(cystic fibrosis or fibrocystic disease? or mucovisc??dosi\$).ti,ab.
34	(immunodef\$ or immunodepress\$ or immunosuppress\$).ti,ab.
35	(immun\$ adj3 (defic\$ or defect\$ or depress\$ or suppress\$ or incompeten\$)).ti,ab.
36	breastfe\$.ti,ab.

37	(breast\$ adj3 (fed or feed\$)).ti,ab.
38	(age or young\$).ti,ab.
39	(sex or gender or male? or female?).ti,ab.
40	hospitali\$.ti,ab.
41	(hospital adj3 (admit\$ or admission\$)).ti,ab.
42	ethnic\$.ti,ab.
43	(down\$ syndrome or trisomy 21).ti,ab.
44	(smok\$ or tobacco or cigar\$).ti,ab.
45	(multiple birth\$ or twin\$ or triplet\$ or quadruplet\$ or quintuplet\$).ti,ab.
46	or/29-45
47	and/4,25,28,46

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_risk\_factors\_RERUN1\_cctr\_300514**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
20	low\$ respiratory tract\$.ti,ab.
21	(LR?I\$ or ALR?I\$).ti,ab.
22	or/16-21
23	RESPIRATORY SOUNDS/

24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.ti,ab.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).ti,ab.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).ti,ab.
36	influenza\$.ti,ab,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.ti,ab.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.ti,ab.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	RISK FACTORS/
48	risk?.ti.
49	risk factor?.ab.
50	or/47-49
51	exp INFANT, PREMATURE/
52	(pre term or preterm or pre matur\$ or prematur\$ or pre#mie? or premie or premies).ti,ab.
53	BRONCHOPULMONARY DYSPLASIA/
54	((lung or bronchopulmonary) adj3 dysplasia).ti,ab.
55	exp HEART DEFECTS, CONGENITAL/
56	(congenital adj3 (heart or cardi\$) adj3 (defect\$ or abnormal\$ or disease\$ or malform\$ or anomal\$)).ti,ab.
57	LUNG DISEASE/
58	(chronic\$ adj3 (lung disease? or pulmonary disease? or pneumopathy)).ti,ab.
59	CYSTIC FIBROSIS/
60	(cystic fibrosis or fibrocystic disease? or mucovisc??dosi\$).ti,ab.
61	exp IMMUNOLOGIC DEFICIENCY SYNDROMES/
62	(immunodef\$ or immunodepress\$ or immunosuppress\$).ti,ab.

63	(immun\$ adj3 (defic\$ or defect\$ or depress\$ or suppress\$ or incompeten\$)).ti,ab.
64	BREAST FEEDING/
65	breastfe\$.ti,ab.
66	(breast\$ adj3 (fed or feed\$)).ti,ab.
67	AGE FACTORS/
68	(age or young\$).ti,ab.
69	SEX FACTORS/
70	(sex or gender or male? or female?).ti,ab.
71	HOSPITALIZATION/
72	PATIENT ADMISSION/
73	CHILD, HOSPITALIZED/
74	hospitali\$.ti,ab.
75	(hospital adj3 (admit\$ or admission\$)).ti,ab.
76	EPIDEMIOLOGIC FACTORS/
77	ethnic\$.ti,ab.
78	DOWN SYNDROME/
79	(down\$ syndrome or trisomy 21).ti,ab.
80	TOBACCO SMOKE POLLUTION/
81	SMOKING/
82	(smok\$ or tobacco or cigar\$).ti,ab.
83	exp MULTIPLE BIRTH OFFSPRING/
84	(multiple birth\$ or twin\$ or triplet\$ or quadruplet\$ or quintuplet\$).ti,ab.
85	or/51-84
86	and/46,50,85
87	and/7,86

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_risk\_factors\_RERUN1\_cdsrdare\_300514**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,kw,jw,rw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,kw,jw,rw.
3	p?ediatric\$.tw,tx,kw,jw,rw.
4	or/1-3
5	(bronchiol\$ or bronchitis or bronchopneumonia).tw,tx,kw.
6	(respiratory sync#tial vir\$ or RSV).tw,tx,kw.
7	or/5-6
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw,tx,kw.
9	low\$ respiratory tract\$.tw,tx.

10	(LR?I\$ or ALR?I\$).tw,tx.
11	or/8-10
12	(crepit\$ or crackl\$ or wheez\$).tw,tx,kw.
13	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw,tx,kw.
14	pneumovir\$.tw,tx,kw.
15	(paramyxovir\$ or metapneumovir\$).tw,tx,kw.
16	(adenovir\$ or mastadenovir\$).tw,tx,kw.
17	influenza\$.tw,tx,kw.
18	enterovir\$.tw,tx,kw.
19	rhinovir\$.tw,tx,kw.
20	or/13-19
21	and/11-12
22	and/11,20
23	and/12,20
24	or/21-23
25	or/7,24
26	risk?.ti.
27	risk factor?.tw,tx.
28	or/26-27
29	(pre term or preterm or pre matur\$ or prematur\$ or pre#mie? or premie or premies).tw,tx,kw.
30	((lung or bronchopulmonary) adj3 dysplasia).tw,tx,kw.
31	(congenital adj3 (heart or cardi\$) adj3 (defect\$ or abnormal\$ or disease\$ or malform\$ or anomal\$)).tw,tx,kw.
32	LUNG DISEASE.kw.
33	(chronic\$ adj3 (lung disease? or pulmonary disease? or pneumopathy)).tw,tx,kw.
34	(cystic fibrosis or fibrocystic disease? or mucovisc??dosi\$).tw,tx,kw.
35	(immunodef\$ or immunodepress\$ or immunosuppress\$).tw,tx,kw.
36	(immun\$ adj3 (defic\$ or defect\$ or depress\$ or suppress\$ or incompeten\$)).tw,tx,kw.
37	breastfe\$.tw,tx,kw.
38	(breast\$ adj3 (fed or feed\$)).tw,tx,kw.
39	(age or young\$).tw,tx,kw.
40	(sex or gender or male? or female?).tw,tx,kw.
41	hospitali\$.tw,tx,kw.
42	(hospital adj3 (admit\$ or admission\$)).tw,tx,kw.
43	ethnic\$.tw,tx,kw.
44	(down\$ syndrome or trisomy 21).tw,tx,kw.
45	(smok\$ or tobacco or cigar\$).tw,tx,kw.
46	(multiple birth\$ or twin\$ or triplet\$ or quadruplet\$ or quintuplet\$).tw,tx,kw.
47	or/29-46
48	and/4,25,28,47

49	(2013\$ or 2014\$).dp,dr,up.
50	and/48-49

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_risk\_factors\_RERUN1\_hta\_300514**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).tw.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).tw.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.
20	low\$ respiratory tract\$.tw.
21	(LR?!\$ or ALR?!\$).tw.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.tw.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).tw.



33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).tw.
36	influenza\$.tw,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.tw.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.tw.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	RISK FACTORS/
48	risk?.ti.
49	risk factor?.tw.
50	or/47-49
51	exp INFANT, PREMATURE/
52	(pre term or preterm or pre matur\$ or prematur\$ or pre#mie? or premie or premies).tw.
53	BRONCHOPULMONARY DYSPLASIA/
54	((lung or bronchopulmonary) adj3 dysplasia).tw.
55	exp HEART DEFECTS, CONGENITAL/
56	(congenital adj3 (heart or cardi\$) adj3 (defect\$ or abnormal\$ or disease\$ or malform\$ or anomal\$)).tw.
57	LUNG DISEASE/
58	(chronic\$ adj3 (lung disease? or pulmonary disease? or pneumopathy)).tw.
59	CYSTIC FIBROSIS/
60	(cystic fibrosis or fibrocystic disease? or mucovisc??dosi\$).tw.
61	exp IMMUNOLOGIC DEFICIENCY SYNDROMES/
62	(immunodef\$ or immunodepress\$ or immunosuppress\$).tw.
63	(immun\$ adj3 (defic\$ or defect\$ or depress\$ or suppress\$ or incompeten\$)).tw.
64	BREAST FEEDING/
65	breastfe\$.tw.
66	(breast\$ adj3 (fed or feed\$)).tw.
67	AGE FACTORS/
68	(age or young\$).tw.
69	SEX FACTORS/
70	(sex or gender or male? or female?).tw.
71	HOSPITALIZATION/

72	PATIENT ADMISSION/
73	CHILD, HOSPITALIZED/
74	hospitali\$.tw.
75	(hospital adj3 (admit\$ or admission\$)).tw.
76	EPIDEMIOLOGIC FACTORS/
77	ethnic\$.tw.
78	DOWN SYNDROME/
79	(down\$ syndrome or trisomy 21).tw.
80	TOBACCO SMOKE POLLUTION/
81	SMOKING/
82	(smok\$ or tobacco or cigar\$).tw.
83	exp MULTIPLE BIRTH OFFSPRING/
84	(multiple birth\$ or twin\$ or triplet\$ or quadruplet\$ or quintuplet\$).tw.
85	or/51-84
86	and/46,50,85
87	and/7,86

**Database(s): Embase**

**BRONC\_risk\_factors\_RERUN1\_embase\_300514**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jx,ec.
7	or/1-6
8	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
9	BRONCHIOLE/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASE/ or ACUTE RESPIRATORY TRACT DISEASE/
17	RESPIRATORY TRACT INFECTION/
18	exp LOWER RESPIRATORY TRACT INFECTION/

19	BRONCHUS DISEASE/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?I\$ or ALR?I\$).ti,ab.
23	or/16-22
24	exp ABNORMAL RESPIRATORY SOUND/
25	(crepit\$ or crackl\$ or wheez\$).ti,ab.
26	or/24-25
27	exp VIRUS INFECTION/
28	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
29	PNEUMOVIRINAE/ or PNEUMOVIRUS INFECTION/
30	pneumovir\$.ti,ab.
31	PARAMYXOVIRUS/ or PARAMYXOVIRUS INFECTION/
32	exp METAPNEUMOVIRUS/ or exp METAPNEUMOVIRUS INFECTION/
33	(paramyxovir\$ or metapneumovir\$).ti,ab.
34	ADENOVIRUS/ or ADENOVIRUS INFECTION/
35	exp MASTADENOVIRUS/ or HUMAN ADENOVIRUS INFECTION/
36	(adenovir\$ or mastadenovir\$).ti,ab.
37	influenza\$.ti,ab,hw.
38	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTION/
39	enterovir\$.ti,ab.
40	exp RHINOVIRUS/ or RHINOVIRUS INFECTION/
41	rhinovir\$.ti,ab.
42	or/27-41
43	and/23,26
44	and/23,42
45	and/26,42
46	or/43-45
47	or/15,46
48	RISK FACTOR/
49	risk?.ti.
50	risk factor?.ab.
51	or/48-50
52	PREMATURITY/
53	(pre term or preterm or pre matur\$ or prematur\$ or pre#mie? or premie or premies).ti,ab.
54	LUNG DYSPLASIA/
55	((lung or bronchopulmonary) adj3 dysplasia).ti,ab.
56	exp CONGENITAL HEART MALFORMATION/
57	(congenital adj3 (heart or cardi\$) adj3 (defect\$ or abnormal\$ or disease\$ or malform\$ or anomal\$)).ti,ab.

58	CHRONIC LUNG DISEASE/
59	LUNG DISEASE/
60	(chronic\$ adj3 (lung disease? or pulmonary disease? or pneumopathy)).ti,ab.
61	CYSTIC FIBROSIS/
62	(cystic fibrosis or fibrocystic disease? or mucovisc??dosi\$).ti,ab.
63	exp IMMUNE DEFICIENCY/
64	(immunodef\$ or immunodepress\$ or immunosuppress\$).ti,ab.
65	(immun\$ adj3 (defic\$ or defect\$ or depress\$ or suppress\$ or incompeten\$)).ti,ab.
66	BREAST FEEDING/
67	breastfe\$.ti,ab.
68	(breast\$ adj3 (fed or feed\$)).ti,ab.
69	AGE/
70	(age or young\$).ti,ab.
71	SEX DIFFERENCES/
72	(sex or gender or male? or female?).ti,ab.
73	HOSPITALIZATION/
74	CHILD HOSPITALIZATION/
75	HOSPITAL ADMISSION/
76	hospitali\$.ti,ab.
77	(hospital adj3 (admit\$ or admission\$)).ti,ab.
78	ETHNIC DIFFERENCE/
79	ethnic\$.ti,ab.
80	DOWN SYNDROME/
81	(down\$ syndrome or trisomy 21).ti,ab.
82	PASSIVE SMOKING/
83	exp PARENTAL SMOKING/
84	SMOKING/ae [Adverse Drug Reaction]
85	(smok\$ or tobacco or cigar\$).ti,ab.
86	exp MULTIPLE PREGNANCY/
87	(multiple birth\$ or twin\$ or triplet\$ or quadruplet\$ or quintuplet\$).ti,ab.
88	or/52-87
89	and/47,51,88
90	exp BRONCHIOLITIS/ep, et [Epidemiology, Etiology]
91	or/89-90
92	and/7,91
93	limit 92 to english language
94	conference abstract.pt.
95	letter.pt. or LETTER/
96	note.pt.

97	editorial.pt.
98	CASE REPORT/ or CASE STUDY/
99	(letter or comment* or abstracts).ti.
100	or/94-99
101	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
102	100 not 101
103	ANIMAL/ not HUMAN/
104	NONHUMAN/
105	exp ANIMAL EXPERIMENT/
106	exp EXPERIMENTAL ANIMAL/
107	ANIMAL MODEL/
108	exp RODENT/
109	(rat or rats or mouse or mice).ti.
110	or/102-109
111	93 not 110

## At the time of assessment, what clinical features predict deterioration?

Database(s): Ovid MEDLINE(R)

BRONC\_deterioration\_RERUN1\_medline\_240614

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	or/8-10
12	TIME FACTORS/
13	TIME TO TREATMENT/
14	((time or timing) adj4 (factor\$ or onset or diagnos\$ or treatment\$ or present\$)).ti,ab.
15	((ill\$ or sick\$ or symptom? or bronchiol\$) adj3 (durat\$ or onset\$)).ti,ab.
16	VITAL SIGNS/
17	exp BODY TEMPERATURE/ or FEVER/
18	(temperature? or fever\$ or febr\$ or pyrex\$).ti,ab.
19	exp HEART RATE/ or PULSE/
20	BRADYCARDIA/ or exp TACHYCARDIA/
21	(heart rate? or heartrate? or heart beat? or heartbeat? or puls\$ or tachycardi\$ or bradycardi\$).ti,ab.
22	RESPIRATORY RATE/
23	TACHYPNEA/
24	((respirat\$ or breath\$) adj3 rate?).ti,ab.
25	(tachypn\$ or bradypn\$).ti,ab.
26	exp OXIMETRY/
27	OXYGEN/bl [Blood]
28	(oximet\$ or S?O2).ti,ab.
29	((oxygen\$ or O2) adj3 saturat\$).ti,ab.
30	FEEDING BEHAVIOR/ or SUCKING BEHAVIOR/
31	((able or abilit\$) adj3 (feed\$ or fed or suck\$)).ti,ab.
32	exp BEHAVIOR/ or IRRITABLE MOOD/ or CRYING/

33	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).ti,ab.
34	or/12-33
35	SEVERITY OF ILLNESS INDEX/
36	DISEASE PROGRESSION/
37	(bronchiol\$ adj5 (sever\$ or progress\$ or deteriorat\$)).ti,ab.
38	exp HOSPITALIZATION/
39	CHILD, HOSPITALIZED/
40	EMERGENCY SERVICE, HOSPITAL/
41	hospitali\$.ti,ab.
42	((admit\$ or admission?) adj3 hospital\$).ti,ab.
43	or/35-42
44	predict.ti.
45	(validat* or rule*).ti,ab.
46	(predict* and (outcome* or risk* or model*)).ti,ab.
47	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
48	decision*.ti,ab. and LOGISTIC MODELS/
49	(decision* and (model* or clinical*)).ti,ab.
50	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
51	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
52	ROC CURVE/
53	or/44-52
54	PREVALENCE/
55	INCIDENCE/
56	exp COHORT STUDIES/
57	CROSS-SECTIONAL STUDIES/
58	exp MODELS, STATISTICAL/
59	LIFE TABLES/
60	exp RISK/
61	(prevalen\$ or incidence? or model\$ or risk\$ or rate?).ti.
62	or/54-61
63	7 and 11 and 53 and (34 or 43)
64	7 and 11 and 62 and 34 and 43
65	*BRONCHIOLITIS/cl, co, ep, mo [Classification, Complications, Epidemiology, Mortality]
66	and/7,65
67	or/63-64,66
68	limit 67 to english language
69	LETTER/

70	EDITORIAL/
71	NEWS/
72	exp HISTORICAL ARTICLE/
73	ANECDOTES AS TOPIC/
74	COMMENT/
75	(letter or comment* or abstracts).ti.
76	or/69-75
77	RANDOMIZED CONTROLLED TRIAL/ or random* .ti,ab.
78	76 not 77
79	ANIMALS/ not HUMANS/
80	exp ANIMALS, LABORATORY/
81	exp ANIMAL EXPERIMENTATION/
82	exp MODELS, ANIMAL/
83	exp RODENTIA/
84	(rat or rats or mouse or mice).ti.
85	or/78-84
86	68 not 85

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_deterioration\_RERUN1\_mip\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	bronchiol\$.ti,ab.
6	((time or timing) adj4 (factor\$ or onset or diagnos\$ or treatment\$ or present\$)).ti,ab.
7	((ill\$ or sick\$ or symptom? or bronchiol\$) adj3 (durat\$ or onset\$)).ti,ab.
8	(temperature? or fever\$ or febril\$ or pyrex\$).ti,ab.
9	(heart rate? or heartrate? or heart beat? or heartbeat? or puls\$ or tachycardi\$ or bradycardi\$).ti,ab.
10	((respirat\$ or breath\$) adj3 rate?).ti,ab.
11	(tachypn\$ or bradypn\$).ti,ab.
12	(oximet\$ or S?O2).ti,ab.
13	((oxygen\$ or O2) adj3 saturat\$).ti,ab.
14	((able or abilit\$) adj3 (feed\$ or fed or suck\$)).ti,ab.
15	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).ti,ab.
16	or/6-15



17	(bronchiol\$ adj5 (sever\$ or progress\$ or deteriorat\$)).ti,ab.
18	hospitali\$.ti,ab.
19	((admit\$ or admission?) adj3 hospital\$).ti,ab.
20	or/17-19
21	predict.ti.
22	(validat* or rule*).ti,ab.
23	(predict* and (outcome* or risk* or model*)).ti,ab.
24	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
25	(decision* and (model* or clinical*)).ti,ab.
26	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
27	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
28	or/21-27
29	(prevalen\$ or incidence? or model\$ or risk\$ or rate?).ti.
30	4 and 5 and 28 and (16 or 20)
31	4 and 5 and 29 and 16 and 20
32	or/30-31
33	limit 32 to english language

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_deterioration\_RERUN1\_cctr\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatic\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	or/8-10
12	TIME FACTORS/
13	TIME TO TREATMENT/
14	((time or timing) adj4 (factor\$ or onset or diagnos\$ or treatment\$ or present\$)).ti,ab.
15	((ill\$ or sick\$ or symptom? or bronchiol\$) adj3 (durat\$ or onset\$)).ti,ab.

16	VITAL SIGNS/
17	exp BODY TEMPERATURE/ or FEVER/
18	(temperature? or fever\$ or febril\$ or pyrex\$).ti,ab.
19	exp HEART RATE/ or PULSE/
20	BRADYCARDIA/ or exp TACHYCARDIA/
21	(heart rate? or heartrate? or heart beat? or heartbeat? or puls\$ or tachycardi\$ or bradycardi\$).ti,ab.
22	RESPIRATORY RATE/
23	TACHYPNEA/
24	((respirat\$ or breath\$) adj3 rate?).ti,ab.
25	(tachypn\$ or bradypn\$).ti,ab.
26	exp OXIMETRY/
27	OXYGEN/bl [Blood]
28	(oximet\$ or S?O2).ti,ab.
29	((oxygen\$ or O2) adj3 saturat\$).ti,ab.
30	FEEDING BEHAVIOR/ or SUCKING BEHAVIOR/
31	((able or abilit\$) adj3 (feed\$ or fed or suck\$)).ti,ab.
32	exp BEHAVIOR/ or IRRITABLE MOOD/ or CRYING/
33	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).ti,ab.
34	or/12-33
35	SEVERITY OF ILLNESS INDEX/
36	DISEASE PROGRESSION/
37	(bronchiol\$ adj5 (sever\$ or progress\$ or deteriorat\$)).ti,ab.
38	exp HOSPITALIZATION/
39	CHILD, HOSPITALIZED/
40	EMERGENCY SERVICE, HOSPITAL/
41	hospitali\$.ti,ab.
42	((admit\$ or admission?) adj3 hospital\$).ti,ab.
43	or/35-42
44	predict.ti.
45	(validat* or rule*).ti,ab.
46	(predict* and (outcome* or risk* or model*)).ti,ab.
47	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
48	decision*.ti,ab. and LOGISTIC MODELS/
49	(decision* and (model* or clinical*)).ti,ab.
50	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
51	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.

52	ROC CURVE/
53	or/44-52
54	PREVALENCE/
55	INCIDENCE/
56	exp COHORT STUDIES/
57	CROSS-SECTIONAL STUDIES/
58	exp MODELS, STATISTICAL/
59	LIFE TABLES/
60	exp RISK/
61	(prevalen\$ or incidence? or model\$ or risk\$ or rate?).ti.
62	or/54-61
63	7 and 11 and 53 and (34 or 43)
64	7 and 11 and 62 and 34 and 43
65	BRONCHIOLITIS/cl, co, ep, mo [Classification, Complications, Epidemiology, Mortality]
66	and/7,65
67	or/63-64,66

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_deterioration\_RERUN1\_cdsrdare\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,kw,jw,rw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,kw,jw,rw.
3	p?ediatric\$.ti,kw,jw,rw.
4	or/1-3
5	bronchiol\$.tw,tx,kw.
6	TIME.kw.
7	((time or timing) adj4 (factor\$ or onset or diagnos\$ or treatment\$ or present\$)).tw,tx.
8	((ill\$ or sick\$ or symptom? or bronchiol\$) adj3 (durat\$ or onset\$)).tw,tx.
9	VITAL SIGN\$.kw.
10	(temperature? or fever\$ or febril\$ or pyrex\$).tw,tx,kw.
11	(heart rate? or heartrate? or heart beat? or heartbeat? or puls\$ or tachycardi\$ or bradycardi\$).tw,tx,kw.
12	((respirat\$ or breath\$) adj3 rate?).tw,tx,kw.
13	(tachypn\$ or bradypn\$).tw,tx,kw.
14	OXYGEN.kw.
15	(oximet\$ or S?O2).tw,tx,kw.
16	((oxygen\$ or O2) adj3 saturat\$).tw,tx,kw.
17	(FEEDING BEHAVIOR or SUCKING).kw.

18	((able or abilit\$) adj3 (feed\$ or fed or suck\$)).ti,ab.
19	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).tw,tx,kw.
20	or/6-19
21	SEVERITY OF ILLNESS INDEX.kw.
22	(DISEASE PROGRESSION or DISEASE SEVERITY or DISEASE COURSE).kw.
23	(bronchiol\$ adj5 (sever\$ or progress\$ or deteriorat\$)).tw,tx.
24	(EMERGENCY SERVICE, HOSPITAL or EMERGENCY HEALTH SERVICE).kw.
25	hospitali\$.tw,tx,kw.
26	((admit\$ or admission?) adj3 hospital\$).tw,tx.
27	or/21-26
28	predict.ti.
29	(validat* or rule*).tw,tx.
30	(predict* and (outcome* or risk* or model*)).tw,tx.
31	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).tw,tx.
32	decision*.tw,tx. and MODEL*.kw.
33	(decision* and (model* or clinical*)).tw,tx.
34	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).tw,tx.
35	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).tw,tx.
36	(ROC CURVE or RECEIVER OPERATING CHARACTERISTIC).kw.
37	or/28-36
38	(COHORT or CROSS-SECTIONAL or LONGITUDINAL or LIFE TABLE?).kw.
39	(prevalen\$ or incidence? or model\$ or risk\$ or rate?).ti,kw.
40	or/38-39
41	4 and 5 and 37 and (20 or 27)
42	4 and 5 and 40 and 20 and 27
43	or/41-42

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_deterioration\_hta\_101213**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw.

7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.tw.
11	or/8-10
12	TIME FACTORS/
13	TIME TO TREATMENT/
14	((time or timing) adj4 (factor\$ or onset or diagnos\$ or treatment\$ or present\$)).tw.
15	((ill\$ or sick\$ or symptom? or bronchiol\$) adj3 (durat\$ or onset\$)).tw.
16	VITAL SIGNS/
17	exp BODY TEMPERATURE/ or FEVER/
18	(temperature? or fever\$ or febril\$ or pyrex\$).tw.
19	exp HEART RATE/ or PULSE/
20	BRADYCARDIA/ or exp TACHYCARDIA/
21	(heart rate? or heartrate? or heart beat? or heartbeat? or puls\$ or tachycardi\$ or bradycardi\$).tw.
22	RESPIRATORY RATE/
23	TACHYPNEA/
24	((respirat\$ or breath\$) adj3 rate?).tw.
25	(tachypn\$ or bradypn\$).tw.
26	exp OXIMETRY/
27	OXYGEN/bl [Blood]
28	(oximet\$ or S?O2).tw.
29	((oxygen\$ or O2) adj3 saturat\$).tw.
30	FEEDING BEHAVIOR/ or SUCKING BEHAVIOR/
31	((able or abilit\$) adj3 (feed\$ or fed or suck\$)).tw.
32	exp BEHAVIOR/ or IRRITABLE MOOD/ or CRYING/
33	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).tw.
34	or/12-33
35	SEVERITY OF ILLNESS INDEX/
36	DISEASE PROGRESSION/
37	(bronchiol\$ adj5 (sever\$ or progress\$ or deteriorat\$)).tw.
38	exp HOSPITALIZATION/
39	CHILD, HOSPITALIZED/
40	EMERGENCY SERVICE, HOSPITAL/
41	hospitali\$.tw.
42	((admit\$ or admission?) adj3 hospital\$).tw.
43	or/35-42
44	predict.ti.
45	(validat* or rule*).tw.

46	(predict* and (outcome* or risk* or model*)).tw.
47	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).tw.
48	decision*.tw. and LOGISTIC MODELS/
49	(decision* and (model* or clinical*)).tw.
50	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).tw.
51	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).tw.
52	ROC CURVE/
53	or/44-52
54	PREVALENCE/
55	INCIDENCE/
56	exp COHORT STUDIES/
57	CROSS-SECTIONAL STUDIES/
58	exp MODELS, STATISTICAL/
59	LIFE TABLES/
60	exp RISK/
61	(prevalen\$ or incidence? or model\$ or risk\$ or rate?).ti.
62	or/54-61
63	7 and 11 and 53 and (34 or 43)
64	7 and 11 and 62 and 34 and 43
65	BRONCHIOLITIS/cl, co, ep, mo [Classification, Complications, Epidemiology, Mortality]
66	and/7,65
67	or/63-64,66

**Database(s): Embase**

**BRONC\_deterioration\_RERUN1\_embase\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jx,ec.
7	or/1-6
8	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
9	BRONCHIOLE/
10	bronchiol\$.ti,ab.

11	or/8-10
12	TIME/
13	TIME TO TREATMENT/
14	((time or timing) adj4 (factor\$ or onset or diagnos\$ or treatment\$ or present\$)).ti,ab.
15	((ill\$ or sick\$ or symptom? or bronchiol\$) adj3 (durat\$ or onset\$)).ti,ab.
16	VITAL SIGN/
17	exp BODY TEMPERATURE/ or FEVER/
18	(temperature? or fever\$ or febril\$ or pyrex\$).ti,ab.
19	exp HEART RATE/ or exp PULSE RATE/
20	exp BRADYCARDIA/ or exp TACHYCARDIA/
21	(heart rate? or heartrate? or heart beat? or heartbeat? or puls\$ or tachycardi\$ or bradycardi\$).ti,ab.
22	RESPIRATORY RATE/
23	BRADYPNEA/ or TACHYPNEA/
24	((respirat\$ or breath\$) adj3 rate?).ti,ab.
25	exp OXIMETRY/
26	OXYGEN BLOOD LEVEL/
27	OXYGEN SATURATION/
28	(oximet\$ or S?O2).ti,ab.
29	((oxygen\$ or O2) adj3 saturat\$).ti,ab.
30	FEEDING BEHAVIOR/ or SUCKING/
31	((able or abilit\$) adj3 (feed\$ or fed or suck\$)).ti,ab.
32	exp BEHAVIOR/ or IRRITABILITY/ or CRYING/
33	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).ti,ab.
34	or/12-33
35	SEVERITY OF ILLNESS INDEX/
36	DISEASE SEVERITY/
37	DISEASE COURSE/
38	DETERIORATION/
39	(bronchiol\$ adj5 (sever\$ or progress\$ or deteriorat\$)).ti,ab.
40	HOSPITALIZATION/ or CHILD HOSPITALIZATION/
41	HOSPITALIZED CHILD/ or HOSPITALIZED INFANT/
42	EMERGENCY HEALTH SERVICE/
43	hospitali\$.ti,ab.
44	((admit\$ or admission?) adj3 hospital\$).ti,ab.
45	or/35-44
46	predict.ti.
47	(validat* or rule*).ti,ab.
48	(predict* and (outcome* or risk* or model*)).ti,ab.
49	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or

	model* or decision* or identif* or prognos*).ti,ab.
50	decision*.ti,ab. and STATISTICAL MODEL/
51	(decision* and (model* or clinical*)).ti,ab.
52	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
53	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
54	RECEIVER OPERATING CHARACTERISTIC/
55	or/46-54
56	PREVALENCE/
57	INCIDENCE/
58	CROSS-SECTIONAL STUDY/
59	LONGITUDINAL STUDY/
60	COHORT ANALYSIS/
61	STATISTICAL MODEL/
62	LIFE TABLE/
63	exp RISK/
64	(prevalen\$ or incidence? or model\$ or risk\$ or rate?).ti.
65	or/56-64
66	7 and 11 and 55 and (34 or 45)
67	7 and 11 and 65 and 34 and 45
68	*BRONCHIOLITIS/co, ep [Complication, Epidemiology]
69	and/7,68
70	or/66-67,69
71	limit 70 to english language
72	conference abstract.pt.
73	letter.pt. or LETTER/
74	note.pt.
75	editorial.pt.
76	(letter or comment* or abstracts).ti.
77	or/72-76
78	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
79	77 not 78
80	ANIMAL/ not HUMAN/
81	NONHUMAN/
82	exp ANIMAL EXPERIMENT/
83	exp EXPERIMENTAL ANIMAL/
84	ANIMAL MODEL/
85	exp RODENT/
86	(rat or rats or mouse or mice).ti.



87	or/79-86
88	71 not 87

## What is the indication for capillary blood gas testing?

Database(s): Ovid MEDLINE(R)

BRONC\_capillary\_blood\_gas\_RERUN2\_medline\_190814

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw,nw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw,nw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw,nw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
20	low\$ respiratory tract\$.ti,ab.
21	(LR?I\$ or ALR?I\$).ti,ab.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/23-24
26	exp VIRUS DISEASES/

27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.ti,ab.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).ti,ab.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).ti,ab.
36	influenza\$.ti,ab,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.ti,ab.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.ti,ab.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	BLOOD GAS ANALYSIS/
48	OXYGEN/bl [Blood]
49	CARBON DIOXIDE/ [Blood]
50	BLOOD SPECIMEN COLLECTION/
51	((capil??ar\$ or arter\$) adj3 blood adj3 (gas\$ or oxygen or O2 or carbon dioxide or CO2)).ti,ab.
52	(ABG or SaO2 or SaCO2 or PO2 or PCO2 or PaO2 or PaCO2 or SpO2 or SpCO2).ti,ab.
53	or/47-52
54	and/7,46,53
55	limit 54 to english language
56	LETTER/
57	EDITORIAL/

58	NEWS/
59	exp HISTORICAL ARTICLE/
60	ANECDOTES AS TOPIC/
61	COMMENT/
62	CASE REPORT/
63	(letter or comment* or abstracts).ti.
64	or/56-63
65	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
66	64 not 65
67	ANIMALS/ not HUMANS/
68	exp ANIMALS, LABORATORY/
69	exp ANIMAL EXPERIMENTATION/
70	exp MODELS, ANIMAL/
71	exp RODENTIA/
72	(rat or rats or mouse or mice).ti.
73	or/66-72
74	55 not 73

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_capillary\_blood\_gas\_RERUN1\_mip\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
6	(respiratory sync#tial vir\$ or RSV).ti,ab.
7	or/5-6
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?I\$ or ALR?I\$).ti,ab.
11	or/8-10
12	(crepit\$ or crackl\$ or wheez\$).ti,ab.
13	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.

14	pneumovir\$.ti,ab.
15	(paramyxovir\$ or metapneumovir\$.ti,ab.
16	(adenovir\$ or mastadenovir\$.ti,ab.
17	influenza\$.ti,ab,hw.
18	enterovir\$.ti,ab.
19	rhinovir\$.ti,ab.
20	or/13-19
21	and/11-12
22	and/11,20
23	and/12,20
24	or/21-23
25	or/7,24
26	((capil??ar\$ or arter\$) adj3 blood adj3 (gas\$ or oxygen or O2 or carbon dioxide or CO2)).ti,ab.
27	(ABG or SaO2 or SaCO2 or PO2 or PCO2 or PaO2 or PaCO2 or SpO2 or SpCO2).ti,ab.
28	or/26-27
29	and/4,25,28
30	limit 29 to english language

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_capillary\_blood\_gas\_RERUN1\_ctr\_250614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/

18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
20	low\$ respiratory tract\$.ti,ab.
21	(LR?I\$ or ALR?I\$).ti,ab.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.ti,ab.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).ti,ab.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).ti,ab.
36	influenza\$.ti,ab,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.ti,ab.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.ti,ab.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	BLOOD GAS ANALYSIS/
48	OXYGEN/bl [Blood]
49	CARBON DIOXIDE/ [Blood]
50	BLOOD SPECIMEN COLLECTION/
51	((capil??ar\$ or arter\$) adj3 blood adj3 (gas\$ or oxygen or O2 or carbon dioxide or CO2)).ti,ab.
52	(ABG or SaO2 or SaCO2 or PO2 or PCO2 or PaO2 or PaCO2 or SpO2 or SpCO2).ti,ab.
53	or/47-52
54	and/7,46,53

Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects

**BRONC\_capillary\_blood\_gas\_RERUN1\_cdsrdare\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,jw,rw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,jw,rw.
3	p?ediatric\$.tw,tx,jw,rw.
4	or/1-3
5	(bronchiol\$ or bronchitis or bronchopneumonia).tw,tx,kw.
6	(respiratory sync#tial vir\$ or RSV).tw,tx,kw.
7	or/5-6
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw,tx,kw.
9	low\$ respiratory tract\$.tw,tx.
10	(LR?I\$ or ALR?I\$).tw,tx.
11	or/8-10
12	(RESPIRAT\$ adj2 SOUND?).kw.
13	(crepit\$ or crackl\$ or wheez\$).tw,tx,kw.
14	or/12-13
15	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw,tx,kw.
16	pneumovir\$.tw,tx,kw.
17	(paramyxovir\$ or metapneumovir\$).tw,tx,kw.
18	(adenovir\$ or mastadenovir\$).tw,tx,kw.
19	influenza\$.tw,tx,kw.
20	enterovir\$.tw,tx,kw.
21	rhinovir\$.tw,tx,kw.
22	or/15-21
23	and/11,14
24	and/11,22
25	and/14,22
26	or/23-25
27	or/7,26
28	BLOOD GAS ANALYSIS.kw.
29	(BLOOD SPECIMEN COLLECTION or BLOOD SAMPLING).kw.
30	((capil??ar\$ or arter\$) adj3 blood adj3 (gas\$ or oxygen or O2 or carbon dioxide or CO2)).tw,tx.
31	(ABG or SaO2 or SaCO2 or PO2 or PCO2 or PaO2 or PaCO2 or SpO2 or SpCO2).tw,tx.
32	or/28-31
33	and/4,27,32

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_capillary\_blood\_gas\_RERUN1\_hta\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatic\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).tw.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).tw.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.
20	low\$ respiratory tract\$.tw.
21	(LR?I\$ or ALR?I\$).tw.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.tw.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).tw.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).tw.
36	influenza\$.tw,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.tw.



39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.tw.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	BLOOD GAS ANALYSIS/
48	OXYGEN/bl [Blood]
49	CARBON DIOXIDE/ [Blood]
50	BLOOD SPECIMEN COLLECTION/
51	((capil??ar\$ or arter\$) adj3 blood adj3 (gas\$ or oxygen or O2 or carbon dioxide or CO2)).tw.
52	(ABG or SaO2 or SaCO2 or PO2 or PCO2 or PaO2 or PaCO2 or SpO2 or SpCO2).tw.
53	or/47-52
54	and/7,46,53

**Database(s): Embase**

**BRONC\_capillary\_blood\_gas\_RERUN1\_embase\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp NEWBORN/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jx,ec.
7	or/1-6
8	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
9	BRONCHIOLE/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASE/ or ACUTE RESPIRATORY TRACT DISEASE/
17	RESPIRATORY TRACT INFECTION/
18	exp LOWER RESPIRATORY TRACT INFECTION/

19	BRONCHUS DISEASE/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?I\$ or ALR?I\$).ti,ab.
23	or/16-22
24	exp ABNORMAL RESPIRATORY SOUND/
25	(crepit\$ or crackl\$ or wheez\$).ti,ab.
26	or/24-25
27	exp VIRUS INFECTION/
28	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
29	PNEUMOVIRINAE/ or PNEUMOVIRUS INFECTION/
30	pneumovir\$.ti,ab.
31	PARAMYXOVIRUS/ or PARAMYXOVIRUS INFECTION/
32	exp METAPNEUMOVIRUS/ or exp METAPNEUMOVIRUS INFECTION/
33	(paramyxovir\$ or metapneumovir\$).ti,ab.
34	ADENOVIRUS/ or ADENOVIRUS INFECTION/
35	exp MASTADENOVIRUS/ or HUMAN ADENOVIRUS INFECTION/
36	(adenovir\$ or mastadenovir\$).ti,ab.
37	influenza\$.ti,ab,hw.
38	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTION/
39	enterovir\$.ti,ab.
40	exp RHINOVIRUS/ or RHINOVIRUS INFECTION/
41	rhinovir\$.ti,ab.
42	or/27-41
43	and/23,26
44	and/23,42
45	and/26,42
46	or/43-45
47	or/15,46
48	BLOOD GAS ANALYSIS/
49	BLOOD CARBON DIOXIDE TENSION/
50	BLOOD OXYGEN TENSTION/
51	ARTERIAL CARBON DIOXIDE TENSION/
52	ARTERIAL OXYGEN TENSION/
53	CARBON DIOXIDE/ec [Endogenous Compound]
54	OXYGEN/ec [Endogenous Compound]
55	*BLOOD SAMPLING/
56	((capil??ar\$ or arter\$) adj3 blood adj3 (gas\$ or oxygen or O2 or carbon dioxide or CO2)).ti,ab.
57	(ABG or SaO2 or SaCO2 or PO2 or PCO2 or PaO2 or PaCO2 or SpO2 or SpCO2).ti,ab.

58	or/48-57
59	and/7,47,58
60	limit 59 to english language
61	conference abstract.pt.
62	letter.pt. or LETTER/
63	note.pt.
64	editorial.pt.
65	CASE REPORT/ or CASE STUDY/
66	(letter or comment* or abstracts).ti.
67	or/61-66
68	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
69	67 not 68
70	ANIMAL/ not HUMAN/
71	NONHUMAN/
72	exp ANIMAL EXPERIMENT/
73	exp EXPERIMENTAL ANIMAL/
74	ANIMAL MODEL/
75	exp RODENT/
76	(rat or rats or mouse or mice).ti.
77	or/69-76
78	60 not 77

## What are the indications for fluids and nutritional support?

Database(s): Ovid MEDLINE(R)

BRONC\_fluids\_RERUN1\_medline\_240614

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
20	low\$ respiratory tract\$.ti,ab.
21	(LR?I\$ or ALR?I\$).ti,ab.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.ti,ab.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).ti,ab.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/

34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).ti,ab.
36	influenza\$.ti,ab,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.ti,ab.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.ti,ab.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	exp FEEDING METHODS/
48	exp FLUID THERAPY/
49	INFUSIONS, INTRAVENOUS/
50	INTUBATION, GASTROINTESTINAL/
51	((tube or tubal or intuba\$ or enteral or parenteral or oral\$ or nasogastric or gastrointestinal or intravenous\$ or IV) adj3 (nutrition\$ or fluid\$ or feed\$ or fed)).ti,ab.
52	(hydrat\$ or rehydrat\$ or fluid therap\$ or hypodermoclysi\$).ti,ab.
53	or/47-52
54	and/7,46,53
55	limit 54 to english language
56	LETTER/
57	EDITORIAL/
58	NEWS/
59	exp HISTORICAL ARTICLE/
60	ANECDOTES AS TOPIC/
61	COMMENT/
62	CASE REPORT/
63	(letter or comment* or abstracts).ti.
64	or/56-63
65	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
66	64 not 65
67	ANIMALS/ not HUMANS/
68	exp ANIMALS, LABORATORY/
69	exp ANIMAL EXPERIMENTATION/
70	exp MODELS, ANIMAL/
71	exp RODENTIA/
72	(rat or rats or mouse or mice).ti.

73	or/66-72
74	55 not 73

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_fluids\_RERUN1\_mip\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
6	(respiratory sync#tial vir\$ or RSV).ti,ab.
7	or/5-6
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?I\$ or ALR?I\$).ti,ab.
11	or/8-10
12	(crepit\$ or crackl\$ or wheez\$).ti,ab.
13	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
14	pneumovir\$.ti,ab.
15	(paramyxovir\$ or metapneumovir\$).ti,ab.
16	(adenovir\$ or mastadenovir\$).ti,ab.
17	influenza\$.ti,ab,hw.
18	enterovir\$.ti,ab.
19	rhinovir\$.ti,ab.
20	or/13-19
21	and/11-12
22	and/11,20
23	and/12,20
24	or/21-23
25	or/7,24
26	((tube or tubal or intuba\$ or enteral or parenteral or oral\$ or nasogastric or gastrointestinal or intravenous\$ or IV) adj3 (nutrition\$ or fluid\$ or feed\$ or fed)).ti,ab.
27	(hydrat\$ or rehydrat\$ or fluid therap\$ or hypodermoclysi\$).ti,ab.
28	or/26-27
29	and/4,25,28

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_fluids\_RERUN1\_ctr\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
20	low\$ respiratory tract\$.ti,ab.
21	(LR?!\$ or ALR?!\$).ti,ab.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.ti,ab.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).ti,ab.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).ti,ab.
36	influenza\$.ti,ab,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.ti,ab.

39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.ti,ab.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	exp FEEDING METHODS/
48	exp FLUID THERAPY/
49	INFUSIONS, INTRAVENOUS/
50	INTUBATION, GASTROINTESTINAL/
51	((tube or tubal or intuba\$ or enteral or parenteral or oral\$ or nasogastric or gastrointestinal or intravenous\$ or IV) adj3 (nutrition\$ or fluid\$ or feed\$ or fed)).ti,ab.
52	(hydrat\$ or rehydrat\$ or fluid therap\$ or hypodermoclysi\$).ti,ab.
53	or/47-52
54	and/7,46,53

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_fluids\_RERUN1\_cdsrdare\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,jw,rw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,jw,rw.
3	p?ediatric\$.tw,tx,jw,rw.
4	or/1-3
5	(bronchiol\$ or bronchitis or bronchopneumonia).tw,tx,kw.
6	(respiratory sync#tial vir\$ or RSV).tw,tx,kw.
7	or/5-6
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw,tx,kw.
9	low\$ respiratory tract\$.tw,tx.
10	(LR?!\$ or ALR?!\$).tw,tx.
11	or/8-10
12	(RESPIRAT\$ adj2 SOUND?).kw.
13	(crepit\$ or crackl\$ or wheez\$).tw,tx,kw.
14	or/12-13
15	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw,tx,kw.
16	pneumovir\$.tw,tx,kw.
17	(paramyxovir\$ or metapneumovir\$).tw,tx,kw.



18	(adenovir\$ or mastadenovir\$).tw,tx,kw.
19	influenza\$.tw,tx,kw.
20	enterovir\$.tw,tx,kw.
21	rhinovir\$.tw,tx,kw.
22	or/15-21
23	and/11,14
24	and/11,22
25	and/14,22
26	or/23-25
27	or/7,26
28	FEEDING METHODS.kw.
29	FLUID THERAPY.kw.
30	INFUSIONS, INTRAVENOUS.kw.
31	INTUBATION, GASTROINTESTINAL.kw.
32	((tube or tubal or intuba\$ or enteral or parenteral or oral\$ or nasogastric or gastrointestinal or intravenous\$ or IV) adj3 (nutrition\$ or fluid\$ or feed\$ or fed)).tw,tx.
33	(hydrat\$ or rehydrat\$ or fluid therap\$ or hypodermoclysi\$).tw,tx.
34	or/28-33
35	and/4,27,34

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_fluids\_RERUN1\_hta\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).tw.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).tw.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/

17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.
20	low\$ respiratory tract\$.tw.
21	(LR?I\$ or ALR?I\$).tw.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.tw.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).tw.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).tw.
36	influenza\$.tw,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.tw.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.tw.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	exp FEEDING METHODS/
48	exp FLUID THERAPY/
49	INFUSIONS, INTRAVENOUS/
50	INTUBATION, GASTROINTESTINAL/
51	((tube or tubal or intuba\$ or enteral or parenteral or oral\$ or nasogastric or gastrointestinal or intravenous\$ or IV) adj3 (nutrition\$ or fluid\$ or feed\$ or fed)).tw.
52	(hydrat\$ or rehydrat\$ or fluid therap\$ or hypodermoclysi\$).tw.
53	or/47-52
54	and/7,46,53

Database(s): Embase

BRONC\_fluids\_RERUN1\_embase\_240614

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jx,ec.
7	or/1-6
8	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
9	BRONCHIOLE/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASE/ or ACUTE RESPIRATORY TRACT DISEASE/
17	RESPIRATORY TRACT INFECTION/
18	exp LOWER RESPIRATORY TRACT INFECTION/
19	BRONCHUS DISEASE/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?I\$ or ALR?I\$).ti,ab.
23	or/16-22
24	exp ABNORMAL RESPIRATORY SOUND/
25	(crepit\$ or crackl\$ or wheez\$).ti,ab.
26	or/24-25
27	exp VIRUS INFECTION/
28	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
29	PNEUMOVIRINAE/ or PNEUMOVIRUS INFECTION/
30	pneumovir\$.ti,ab.
31	PARAMYXOVIRUS/ or PARAMYXOVIRUS INFECTION/
32	exp METAPNEUMOVIRUS/ or exp METAPNEUMOVIRUS INFECTION/
33	(paramyxovir\$ or metapneumovir\$).ti,ab.
34	ADENOVIRUS/ or ADENOVIRUS INFECTION/
35	exp MASTADENOVIRUS/ or HUMAN ADENOVIRUS INFECTION/

36	(adenovir\$ or mastadenovir\$).ti,ab.
37	influenza\$.ti,ab,hw.
38	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTION/
39	enterovir\$.ti,ab.
40	exp RHINOVIRUS/ or RHINOVIRUS INFECTION/
41	rhinovir\$.ti,ab.
42	or/27-41
43	and/23,26
44	and/23,42
45	and/26,42
46	or/43-45
47	or/15,46
48	ENTERIC FEEDING/
49	exp FLUID THERAPY/
50	exp DIGESTIVE TRACT INTUBATION/
51	((tube or tubal or intuba\$ or enteral or parenteral or oral\$ or nasogastric or gastrointestinal or intravenous\$ or IV) adj3 (nutrition\$ or fluid\$ or feed\$ or fed)).ti,ab.
52	(hydrat\$ or rehydrat\$ or fluid therap\$ or hypodermoclysi\$).ti,ab.
53	or/48-52
54	and/7,47,53
55	limit 54 to english language
56	conference abstract.pt.
57	letter.pt. or LETTER/
58	note.pt.
59	editorial.pt.
60	CASE REPORT/ or CASE STUDY/
61	(letter or comment* or abstracts).ti.
62	or/56-61
63	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
64	62 not 63
65	ANIMAL/ not HUMAN/
66	NONHUMAN/
67	exp ANIMAL EXPERIMENT/
68	exp EXPERIMENTAL ANIMAL/
69	ANIMAL MODEL/
70	exp RODENT/
71	(rat or rats or mouse or mice).ti.
72	or/64-71
73	55 not 72

Database(s): CINAHL with Full Text

BRONC\_fluids\_RERUN1\_cinahl\_240614

#	Query
S35	S5 AND S25 AND S34
S34	S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33
S33	AB (hydrat* or rehydrat* or fluid therap* or hypodermoclysi*)
S32	TI (hydrat* or rehydrat* or fluid therap* or hypodermoclysi*)
S31	AB ((tube or tubal or intuba* or enteral or parenteral or oral* or nasogastric or gastrointestinal or intravenous* or IV) N3 (nutrition* or fluid* or feed* or fed))
S30	TI ((tube or tubal or intuba* or enteral or parenteral or oral* or nasogastric or gastrointestinal or intravenous* or IV) N3 (nutrition* or fluid* or feed* or fed))
S29	(MH "Intubation, Gastrointestinal")
S28	(MH "Infusions, Intravenous")
S27	(MH "Fluid Therapy+")
S26	(MH "Feeding Methods+")
S25	S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24
S24	TI (crepit* or crackl* or wheez*) or AB (crepit* or crackl* or wheez*)
S23	(MH "Respiratory Sounds")
S22	TI (LR#I* or ALR#I*) or AB (LR#I* or ALR#I*)
S21	AB (bronchi* N3 infect*) or AB (bronchi* N3 inflam*) or AB (bronchi* N3 disease*)
S20	TI (bronchi* N3 infect*) or TI (bronchi* N3 inflam*) or TI (bronchi* N3 disease*)
S19	AB (respiratory N3 infect*) or AB (respiratory N3 inflam*) or AB (respiratory N3 disease*)
S18	TI (respiratory N3 infect*) or TI (respiratory N3 inflam*) or TI (respiratory N3 disease*)
S17	(MH "Bronchial Diseases")
S16	(MH "Respiratory Tract Infections")
S15	(MH "Respiratory Tract Diseases")
S14	TI (respiratory syncytial vir* or RSV) or AB (respiratory syncytial vir* or RSV)
S13	(MH "Respiratory Syncytial Virus Infections")
S12	(MH "Respiratory Syncytial Viruses")
S11	TI (bronchopneumon* or bronchit*) or AB (bronchopneumon* or bronchit*)
S10	(MH "Bronchopneumonia")
S9	(MH "Bronchitis+")
S8	TI (bronchiol*) or AB (bronchiol*)
S7	(MH "Bronchioles")
S6	(MH "Bronchiolitis")

S5	S1 OR S2 OR S3 OR S4
S4	TI (pediatric* or paediatric*) or AB (pediatric* or paediatric*) or SO (pediatric* or paediatric*)
S3	TI (infan* or neonat* or newborn* or baby or babies) OR AB (infan* or neonat* or newborn* or baby or babies) OR SO (infan* or neonat* or newborn* or baby or babies)
S2	TI (child* or preschool* or toddler* or kid# or kindergar* or boy# or girl#) OR AB (child* or preschool* or toddler* or kid# or kindergar* or boy# or girl#) OR SO (child* or preschool* or toddler* or kid# or kindergar* or boy# or girl#)
S1	(MH "Infant, Newborn+") OR (MH "Infant+") OR (MH "Child, Preschool") OR (MH "Child+") OR (MH "Pediatrics+")

What are the criteria for a) referral to secondary care, b) hospital admission for observation or treatment, c) discharge from hospital?

Database(s): Ovid MEDLINE(R)

BRONC\_referral\_RERUN2\_medline\_180814

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	bronchiol\$.ti,ab.
12	or/8-11
13	"REFERRAL AND CONSULTATION"/
14	HEALTH KNOWLEDGE, ATTITUDES, PRACTICE/
15	DECISION MAKING/
16	(refer\$ or consult\$).ti,ab.
17	HOSPITALIZATION/ or PATIENT ADMISSION/ or PATIENT DISCHARGE/ or PATIENT READMISSION/ or PATIENT TRANSFER/
18	CHILD, HOSPITALIZED/
19	"EPISODE OF CARE"/
20	((hospital or secondary care) adj3 (admit\$ or admission?)).ti,ab.
21	SECONDARY CARE/
22	(readmit\$ or readmission?).ti,ab.
23	or/13-22
24	and/7,12,23

25	limit 24 to english language
26	LETTER/
27	EDITORIAL/
28	NEWS/
29	exp HISTORICAL ARTICLE/
30	ANECDOTES AS TOPIC/
31	COMMENT/
32	CASE REPORT/
33	(letter or comment* or abstracts).ti.
34	or/26-33
35	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
36	34 not 35
37	ANIMALS/ not HUMANS/
38	exp ANIMALS, LABORATORY/
39	exp ANIMAL EXPERIMENTATION/
40	exp MODELS, ANIMAL/
41	exp RODENTIA/
42	(rat or rats or mouse or mice).ti.
43	or/36-42
44	25 not 43

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_referral\_RERUN1\_mip\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	(bronchitis or bronchopneumonia).ti,ab.
6	bronchiol\$.ti,ab.
7	or/5-6
8	(decision or decide or deciding).ti,ab.
9	(refer\$ or consult\$).ti,ab.



10	(hospitaliz\$ or hospitalis\$).ti,ab.
11	((patient? or hospital) adj5 (admission or admitted or readmission or readmit or discharge or transfer\$)).ti,ab.
12	(secondary care adj3 (admit\$ or admission?)).ti,ab.
13	(readmit\$ or readmission?).ti,ab.
14	(episode? adj2 care).ti,ab.
15	or/8-14
16	and/4,7,15

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_referral\_RERUN1\_cctr\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	bronchiol\$.ti,ab.
12	or/8-11
13	"REFERRAL AND CONSULTATION"/
14	HEALTH KNOWLEDGE, ATTITUDES, PRACTICE/
15	DECISION MAKING/
16	(refer\$ or consult\$).ti,ab.
17	HOSPITALIZATION/ or PATIENT ADMISSION/ or PATIENT DISCHARGE/ or PATIENT READMISSION/ or PATIENT TRANSFER/
18	CHILD, HOSPITALIZED/
19	"EPISODE OF CARE"/
20	((hospital or secondary care) adj3 (admit\$ or admission?)).ti,ab.
21	SECONDARY CARE/
22	(readmit\$ or readmission?).ti,ab.
23	or/13-22
24	and/7,12,23

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_referral\_RERUN1\_cdsrdare\_240614**

#	Searches
1	CHILD.tw.
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,jw,rw.
3	INFANT.kw.
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,jw,rw.
5	PEDIATRICS.kw.
6	p?ediatric\$.tw,tx,jw,rw.
7	or/1-6
8	BRONCHIOLITIS.kw.
9	BRONCHIOLES.kw.
10	(BRONCHITIS or BRONCHOPNEUMONIA).kw.
11	bronchiol\$.tw,tx.
12	or/8-11
13	"REFERRAL AND CONSULTATION".kw.
14	HEALTH KNOWLEDGE, ATTITUDES, PRACTICE.kw.
15	DECISION MAKING.kw.
16	(refer\$ or consult\$).tw,tx.
17	(HOSPITALIZATION or PATIENT ADMISSION or PATIENT DISCHARGE or PATIENT READMISSION or PATIENT TRANSFER).kw.
18	CHILD, HOSPITALIZED.kw.
19	"EPISODE OF CARE".kw.
20	((hospital or secondary care) adj3 (admit\$ or admission?)).tw,tx.
21	SECONDARY CARE.kw.
22	(readmit\$ or readmission?).tw,tx.
23	or/13-22
24	and/7,12,23

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_referral\_RERUN1\_hta\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.

3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	bronchiol\$.tw.
12	or/8-11
13	"REFERRAL AND CONSULTATION"/
14	HEALTH KNOWLEDGE, ATTITUDES, PRACTICE/
15	DECISION MAKING/
16	(refer\$ or consult\$).tw.
17	HOSPITALIZATION/ or PATIENT ADMISSION/ or PATIENT DISCHARGE/ or PATIENT READMISSION/ or PATIENT TRANSFER/
18	CHILD, HOSPITALIZED/
19	"EPISODE OF CARE"/
20	((hospital or secondary care) adj3 (admit\$ or admission?)).tw.
21	SECONDARY CARE/
22	(readmit\$ or readmission?).tw.
23	or/13-22
24	and/7,12,23

**Database(s): Embase**

**BRONC\_referral\_RERUN1\_embase\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jx,ec.
7	or/1-6
8	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
9	BRONCHIOLE/
10	bronchiol\$.ti,ab.
11	or/8-10

12	PATIENT REFERRAL/
13	(refer\$ or consult\$).ti,ab.
14	MEDICAL DECISION MAKING/
15	HOSPITALIZATION/
16	HOSPITALIZED CHILD/ or HOSPITALIZED INFANT/
17	((hospital or secondary care) adj3 (admit\$ or admission?)).ti,ab.
18	HOSPITAL ADMISSION/
19	HOSPITAL DISCHARGE/
20	SECONDARY HEALTH CARE/
21	HOSPITAL READMISSION/
22	(readmit\$ or readmission?).ti,ab.
23	or/12-22
24	and/7,11,23
25	limit 24 to english language
26	conference abstract.pt.
27	letter.pt. or LETTER/
28	note.pt.
29	editorial.pt.
30	CASE REPORT/ or CASE STUDY/
31	(letter or comment* or abstracts).ti.
32	or/26-31
33	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
34	32 not 33
35	ANIMAL/ not HUMAN/
36	NONHUMAN/
37	exp ANIMAL EXPERIMENT/
38	exp EXPERIMENTAL ANIMAL/
39	ANIMAL MODEL/
40	exp RODENT/
41	(rat or rats or mouse or mice).ti.
42	or/34-41
43	25 not 42

## When is pulse oximetry oxygen saturation monitoring (SpO<sub>2</sub>) indicated in bronchiolitis?

Database(s): Ovid MEDLINE(R)

BRONC\_SpO2\_monitoring\_RERUN1\_medline\_240614

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
20	low\$ respiratory tract\$.ti,ab.
21	(LR?I\$ or ALR?I\$).ti,ab.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.ti,ab.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).ti,ab.

33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).ti,ab.
36	influenza\$.ti,ab,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.ti,ab.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.ti,ab.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	exp OXIMETRY/
48	OXYGEN/an, bl [Analysis, Blood]
49	(oximet\$ or S?O2 or O?SAT?).ti,ab.
50	((oxygen\$ or O2) adj3 (saturat\$ or monitor\$)).ti,ab.
51	or/47-50
52	and/7,46,51
53	limit 52 to english language
54	LETTER/
55	EDITORIAL/
56	NEWS/
57	exp HISTORICAL ARTICLE/
58	ANECDOTES AS TOPIC/
59	COMMENT/
60	CASE REPORT/
61	(letter or comment* or abstracts).ti.
62	or/54-61
63	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
64	62 not 63
65	ANIMALS/ not HUMANS/
66	exp ANIMALS, LABORATORY/
67	exp ANIMAL EXPERIMENTATION/
68	exp MODELS, ANIMAL/
69	exp RODENTIA/
70	(rat or rats or mouse or mice).ti.
71	or/64-70

72	53 not 71
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**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_SpO2\_monitoring\_RERUN1\_mip\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
6	(respiratory sync#tial vir\$ or RSV).ti,ab.
7	or/5-6
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?I\$ or ALR?I\$).ti,ab.
11	or/8-10
12	(crepit\$ or crackl\$ or wheez\$).ti,ab.
13	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
14	pneumovir\$.ti,ab.
15	(paramyxovir\$ or metapneumovir\$).ti,ab.
16	(adenovir\$ or mastadenovir\$).ti,ab.
17	influenza\$.ti,ab,hw.
18	enterovir\$.ti,ab.
19	rhinovir\$.ti,ab.
20	or/13-19
21	and/11-12
22	and/11,20
23	and/12,20
24	or/21-23
25	or/7,24
26	(oximet\$ or S?O2 or O?SAT?).ti,ab.
27	((oxygen\$ or O2) adj3 (saturat\$ or monitor\$)).ti,ab.
28	or/26-27
29	and/4,25,28
30	limit 29 to english language

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_SpO2\_monitoring\_RERUN1\_ctr\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
20	low\$ respiratory tract\$.ti,ab.
21	(LR?!\$ or ALR?!\$).ti,ab.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.ti,ab.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).ti,ab.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).ti,ab.
36	influenza\$.ti,ab,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.ti,ab.



39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.ti,ab.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	exp OXIMETRY/
48	OXYGEN/an, bl [Analysis, Blood]
49	(oximet\$ or S?O2 or O?SAT?).ti,ab.
50	((oxygen\$ or O2) adj3 (saturat\$ or monitor\$)).ti,ab.
51	or/47-50
52	and/7,46,51

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_SpO2\_monitoring\_RERUN1\_cdsrdare\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,jw,rw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,jw,rw.
3	p?ediatric\$.tw,tx,jw,rw.
4	or/1-3
5	(bronchiol\$ or bronchitis or bronchopneumonia).tw,tx,kw.
6	(respiratory sync#tial vir\$ or RSV).tw,tx,kw.
7	or/5-6
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw,tx,kw.
9	low\$ respiratory tract\$.tw,tx.
10	(LR?I\$ or ALR?I\$).tw,tx.
11	or/8-10
12	(RESPIRAT\$ adj2 SOUND?).kw.
13	(crepit\$ or crackl\$ or wheez\$).tw,tx,kw.
14	or/12-13
15	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw,tx,kw.
16	pneumovir\$.tw,tx,kw.
17	(paramyxovir\$ or metapneumovir\$).tw,tx,kw.
18	(adenovir\$ or mastadenovir\$).tw,tx,kw.
19	influenza\$.tw,tx,kw.

20	enterovir\$.tw,tx,kw.
21	rhinovir\$.tw,tx,kw.
22	or/15-21
23	and/11,14
24	and/11,22
25	and/14,22
26	or/23-25
27	or/7,26
28	(oximet\$ or S?O2 or O?SAT?).tw,tx,kw.
29	((oxygen\$ or O2) adj3 (saturat\$ or monitor\$)).tw,tx,kw.
30	or/28-29
31	and/4,27,30

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_SpO2\_monitoring\_RERUN1\_hta\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).tw.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).tw.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.
20	low\$ respiratory tract\$.tw.
21	(LR?I\$ or ALR?I\$).tw.

22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.tw.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).tw.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).tw.
36	influenza\$.tw,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.tw.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.tw.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	exp OXIMETRY/
48	OXYGEN/an, bl [Analysis, Blood]
49	(oximet\$ or S?O2 or O?SAT?).tw.
50	((oxygen\$ or O2) adj3 (saturat\$ or monitor\$)).tw.
51	or/47-50
52	and/7,46,51

Database(s): Embase

BRONC\_SpO2\_monitoring\_RERUN1\_embase\_240614

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp INFANT/

4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jx,ec.
7	or/1-6
8	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
9	BRONCHIOLE/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASE/ or ACUTE RESPIRATORY TRACT DISEASE/
17	RESPIRATORY TRACT INFECTION/
18	exp LOWER RESPIRATORY TRACT INFECTION/
19	BRONCHUS DISEASE/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?I\$ or ALR?I\$).ti,ab.
23	or/16-22
24	exp ABNORMAL RESPIRATORY SOUND/
25	(crepit\$ or crackl\$ or wheez\$).ti,ab.
26	or/24-25
27	exp VIRUS INFECTION/
28	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
29	PNEUMOVIRINAE/ or PNEUMOVIRUS INFECTION/
30	pneumovir\$.ti,ab.
31	PARAMYXOVIRUS/ or PARAMYXOVIRUS INFECTION/
32	exp METAPNEUMOVIRUS/ or exp METAPNEUMOVIRUS INFECTION/
33	(paramyxovir\$ or metapneumovir\$).ti,ab.
34	ADENOVIRUS/ or ADENOVIRUS INFECTION/
35	exp MASTADENOVIRUS/ or HUMAN ADENOVIRUS INFECTION/
36	(adenovir\$ or mastadenovir\$).ti,ab.
37	influenza\$.ti,ab,hw.
38	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTION/
39	enterovir\$.ti,ab.
40	exp RHINOVIRUS/ or RHINOVIRUS INFECTION/
41	rhinovir\$.ti,ab.
42	or/27-41

43	and/23,26
44	and/23,42
45	and/26,42
46	or/43-45
47	or/15,46
48	exp OXIMETRY/
49	OXYGEN SATURATION/
50	OXYGEN/an, ec [Drug Analysis, Endogenous Compound]
51	(oximet\$ or S?O2 or O?SAT?).ti,ab.
52	((oxygen\$ or O2) adj3 (saturat\$ or monitor\$)).ti,ab.
53	or/48-52
54	and/7,47,53
55	limit 54 to english language
56	conference abstract.pt.
57	letter.pt. or LETTER/
58	note.pt.
59	editorial.pt.
60	CASE REPORT/ or CASE STUDY/
61	(letter or comment* or abstracts).ti.
62	or/56-61
63	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
64	62 not 63
65	ANIMAL/ not HUMAN/
66	NONHUMAN/
67	exp ANIMAL EXPERIMENT/
68	exp EXPERIMENTAL ANIMAL/
69	ANIMAL MODEL/
70	exp RODENT/
71	(rat or rats or mouse or mice).ti.
72	or/64-71
73	55 not 72

## What are the indications for chest radiography in bronchiolitis?

Database(s): Ovid MEDLINE(R)

BRONC\_CXR\_RERUN2\_Medline\_180814

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw,nw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw,nw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw,nw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
20	low\$ respiratory tract\$.ti,ab.
21	(LR?!\$ or ALR?!\$).ti,ab.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/23-24
26	exp VIRUS DISEASES/

27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.ti,ab.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).ti,ab.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).ti,ab.
36	influenza\$.ti,ab,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.ti,ab.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.ti,ab.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	RADIOGRAPHY/
48	exp RADIOGRAPHY, THORACIC/
49	((chest or bronch\$ or thora\$) adj3 (radiogra\$ or roentgenogram? or x ray? or xray?)).ti,ab.
50	CXR.ti,ab.
51	or/47-50
52	and/46,51
53	BRONCHIOLITIS/ra
54	or/52-53
55	and/7,54
56	limit 55 to english language
57	LETTER/

58	EDITORIAL/
59	NEWS/
60	exp HISTORICAL ARTICLE/
61	ANECDOTES AS TOPIC/
62	COMMENT/
63	CASE REPORT/
64	(letter or comment* or abstracts).ti.
65	or/57-64
66	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
67	65 not 66
68	ANIMALS/ not HUMANS/
69	exp ANIMALS, LABORATORY/
70	exp ANIMAL EXPERIMENTATION/
71	exp MODELS, ANIMAL/
72	exp RODENTIA/
73	(rat or rats or mouse or mice).ti.
74	or/67-73
75	56 not 74

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_CXR\_RERUN1\_mip\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
6	(respiratory sync#tial vir\$ or RSV).ti,ab.
7	or/5-6
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?I\$ or ALR?I\$).ti,ab.
11	or/8-10



12	(crepit\$ or crackl\$ or wheez\$ or respirat\$ sound?).ti,ab.
13	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
14	pneumovir\$.ti,ab.
15	(paramyxovir\$ or metapneumovir\$).ti,ab.
16	(adenovir\$ or mastadenovir\$).ti,ab.
17	influenza\$.ti,ab,hw.
18	enterovir\$.ti,ab.
19	rhinovir\$.ti,ab.
20	or/13-19
21	and/11-12
22	and/11,20
23	and/12,20
24	or/21-23
25	or/7,24
26	or/24-25
27	((chest or bronch\$ or thora\$) adj3 (radiogra\$ or roentgenogram? or x ray? or xray?)).ti,ab.
28	CXR.ti,ab.
29	or/27-28
30	and/4,26,29

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_CXR\_RERUN1\_cctr\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14

16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
20	low\$ respiratory tract\$.ti,ab.
21	(LR?I\$ or ALR?I\$).ti,ab.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.ti,ab.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).ti,ab.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).ti,ab.
36	influenza\$.ti,ab,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.ti,ab.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.ti,ab.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	RADIOGRAPHY/
48	exp RADIOGRAPHY, THORACIC/
49	((chest or bronch\$ or thora\$) adj3 (radiogra\$ or roentgenogram? or x ray? or xray?)).ti,ab.
50	CXR.ti,ab.
51	or/47-50
52	and/46,51
53	BRONCHIOLITIS/ra
54	or/52-53

55	and/7,54
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Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects

BRONC\_CXR\_RERUN1\_cdsrdare\_240614

#	Searches
1	CHILD.kw.
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,jw,rw.
3	INFANT.kw.
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,jw,rw.
5	PEDIATRICS.kw.
6	p?ediatric\$.tw,tx,jw,rw.
7	or/1-6
8	BRONCHIOLITIS.kw.
9	BRONCHIOLES.kw.
10	(BRONCHITIS or BRONCHOPNEUMONIA).kw.
11	(bronchiol\$ or bronchitis or bronchopneumonia).tw,tx.
12	RESPIRATORY SYNCYTIAL VIRUSES.kw.
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS.kw.
14	(respiratory sync#tial vir\$ or RSV).tw,tx.
15	or/8-14
16	RESPIRATORY TRACT DISEASES.kw.
17	RESPIRATORY TRACT INFECTIONS.kw.
18	BRONCHIAL DISEASES.kw.
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw,tx.
20	low\$ respiratory tract\$.tw,tx.
21	(LR?!\$ or ALR?!\$).tw,tx.
22	or/16-21
23	RESPIRATORY SOUNDS.kw.
24	(crepit\$ or crackl\$ or wheez\$).tw,tx.
25	or/23-24
26	VIRUS DISEASES.kw.
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw,tx.
28	(PNEUMOVIRUS or PNEUMOVIRUS INFECTIONS).kw.
29	pneumovir\$.tw,tx.
30	(PARAMYXOVIRIDAE or PARAMYXOVIRIDAE INFECTIONS).kw.
31	METAPNEUMOVIRUS.kw.
32	(paramyxovir\$ or metapneumovir\$).tw,tx.
33	(ADENOVIRIDAE or ADENOVIRIDAE INFECTIONS).kw.

34	(MASTADENOVIRUS or ADENOVIRUSES, HUMAN or ADENOVIRUS INFECTIONS, HUMAN).kw.
35	(adenovir\$ or mastadenovir\$).tw,tx.
36	influenza\$.tw,tx.
37	(ENTEROVIRUS or ENTEROVIRUS INFECTIONS).kw.
38	enterovir\$.tw,tx.
39	(RHINOVIRUS or PICORNAVIRIDAE INFECTIONS).kw.
40	rhinovir\$.tw,tx.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	RADIOGRAPHY.kw.
48	RADIOGRAPHY, THORACIC.kw.
49	((chest or bronch\$ or thora\$) adj3 (radiogra\$ or roentgenogram? or x ray? or xray?)).tw,tx.
50	CXR.tw,tx.
51	or/47-50
52	and/46,51

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_CXR\_RERUN1\_hta\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).tw.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).tw.

15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.
20	low\$ respiratory tract\$.tw.
21	(LR?!\$ or ALR?!\$).tw.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.tw.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).tw.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).tw.
36	influenza\$.ti,ab,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.tw.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.tw.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	RADIOGRAPHY/
48	exp RADIOGRAPHY, THORACIC/
49	((chest or bronch\$ or thora\$) adj3 (radiogra\$ or roentgenogram? or x ray? or xray?)).tw.
50	CXR.tw.
51	or/47-50
52	and/46,51
53	BRONCHIOLITIS/ra

54	or/52-53
55	and/7,54

**Database(s): Embase**

**BRONC\_CXR\_RERUN1\_embase\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jx,ec.
7	or/1-6
8	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
9	BRONCHIOLE/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASE/ or ACUTE RESPIRATORY TRACT DISEASE/
17	RESPIRATORY TRACT INFECTION/
18	exp LOWER RESPIRATORY TRACT INFECTION/
19	BRONCHUS DISEASE/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?I\$ or ALR?I\$).ti,ab.
23	or/16-22
24	exp ABNORMAL RESPIRATORY SOUND/
25	(crepit\$ or crackl\$ or wheez\$).ti,ab.
26	or/24-25
27	exp VIRUS INFECTION/
28	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
29	PNEUMOVIRINAE/ or PNEUMOVIRUS INFECTION/
30	pneumovir\$.ti,ab.
31	PARAMYXOVIRUS/ or PARAMYXOVIRUS INFECTION/

32	exp METAPNEUMOVIRUS/ or exp METAPNEUMOVIRUS INFECTION/
33	(paramyxovir\$ or metapneumovir\$).ti,ab.
34	ADENOVIRUS/ or ADENOVIRUS INFECTION/
35	exp MASTADENOVIRUS/ or HUMAN ADENOVIRUS INFECTION/
36	(adenovir\$ or mastadenovir\$).ti,ab.
37	influenza\$.ti,ab,hw.
38	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTION/
39	enterovir\$.ti,ab.
40	exp RHINOVIRUS/ or RHINOVIRUS INFECTION/
41	rhinovir\$.ti,ab.
42	or/27-41
43	and/23,26
44	and/23,42
45	and/26,42
46	or/43-45
47	or/15,46
48	and/7,47
49	THORAX RADIOGRAPHY/
50	((chest or bronch\$ or thora\$) adj3 (radiogra\$ or roentgenogram or x ray? or xray?)).ti,ab.
51	CXR.ti,ab.
52	or/49-51
53	and/48,52
54	limit 53 to english language
55	conference abstract.pt.
56	letter.pt. or LETTER/
57	note.pt.
58	editorial.pt.
59	CASE REPORT/ or CASE STUDY/
60	(letter or comment* or abstracts).ti.
61	or/55-60
62	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
63	61 not 62
64	ANIMAL/ not HUMAN/
65	NONHUMAN/
66	exp ANIMAL EXPERIMENT/
67	exp EXPERIMENTAL ANIMAL/
68	ANIMAL MODEL/
69	exp RODENT/
70	(rat or rats or mouse or mice).ti.

71	or/63-70
72	54 not 71



## What is the efficacy of chest physiotherapy in the management of bronchiolitis?

**Database(s): Ovid MEDLINE(R)**

**BRONC\_physio\_RERUN1\_medline\_240614**

#	Searches
1	META-ANALYSIS/
2	META-ANALYSIS AS TOPIC/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	cochrane.jw.
10	or/1-9
11	randomized controlled trial.pt.
12	controlled clinical trial.pt.
13	pragmatic clinical trial.pt.
14	randomi#ed.ab.
15	placebo.ab.
16	randomly.ab.
17	CLINICAL TRIALS AS TOPIC/
18	trial.ti.
19	or/11-18
20	or/10,19
21	exp CHILD/
22	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
23	exp INFANT/
24	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
25	exp PEDIATRICS/
26	p?ediatric\$.ti,ab,jw.
27	or/21-26
28	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
29	BRONCHIOLES/
30	bronchiol\$.ti,ab.
31	BRONCHITIS/

32	BRONCHOPNEUMONIA/
33	(bronchopneumon\$ or bronchit\$).ti,ab.
34	exp RESPIRATORY SYNCYTIAL VIRUSES/
35	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
36	((respiratory sync#tial vir\$ or RSV).ti,ab.
37	RESPIRATORY TRACT DISEASES/
38	RESPIRATORY TRACT INFECTIONS/
39	BRONCHIAL DISEASES/
40	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
41	low\$ respiratory tract\$.ti,ab.
42	(LR?I\$ or ALR?I\$).ti,ab.
43	RESPIRATORY SOUNDS/
44	(crepit\$ or crackl\$ or wheez\$).ti,ab.
45	or/28-44
46	RESPIRATORY THERAPY/
47	exp PHYSICAL THERAPY MODALITIES/
48	((chest or thora\$) adj3 (physiotherap\$ or physical therap\$)).ti,ab.
49	DRAINAGE, POSTURAL/
50	(postur\$ adj3 drain\$).ti,ab.
51	PERCUSSION/
52	((chest or thora\$) adj3 percuss\$).ti,ab.
53	VIBRATION/
54	CHEST WALL OSCILLATION/
55	vibrat\$.ti,ab.
56	((chest or thora\$) adj3 (shak\$ or oscillat\$)).ti,ab.
57	BREATHING EXERCISES/
58	((direct\$ or induc\$ or provok\$ or assist\$) adj3 cough\$).ti,ab.
59	((forced or passive or compress\$ or prolong\$ or slow\$ or accelerat\$ or increas\$) adj3 (exhal\$ or expirat\$)).ti,ab.
60	(breath\$ adj3 exercis\$).ti,ab.
61	or/46-60
62	and/27,45,61
63	limit 62 to english language
64	LETTER/
65	EDITORIAL/
66	NEWS/
67	exp HISTORICAL ARTICLE/
68	ANECDOTES AS TOPIC/
69	COMMENT/
70	CASE REPORT/

71	(letter or comment* or abstracts).ti.
72	or/64-71
73	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
74	72 not 73
75	ANIMALS/ not HUMANS/
76	exp ANIMALS, LABORATORY/
77	exp ANIMAL EXPERIMENTATION/
78	exp MODELS, ANIMAL/
79	exp RODENTIA/
80	(rat or rats or mouse or mice).ti.
81	or/74-80
82	63 not 81
83	and/20,82

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_physio\_RERUN1\_mip\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	bronchiol\$.ti,ab.
6	(bronchopneumon\$ or bronchit\$).ti,ab.
7	(respiratory sync#tial vir\$ or RSV).ti,ab.
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?I\$ or ALR?I\$).ti,ab.
11	(crepit\$ or crackl\$ or wheez\$).ti,ab.
12	or/5-11
13	((chest or thora\$) adj3 (physiotherap\$ or physical therap\$)).ti,ab.
14	(postur\$ adj3 drain\$).ti,ab.
15	((chest or thora\$) adj3 percuss\$).ti,ab.
16	vibrat\$.ti,ab.
17	((chest or thora\$) adj3 (shak\$ or oscillat\$)).ti,ab.
18	((direct\$ or induc\$ or provok\$ or assist\$) adj3 cough\$).ti,ab.
19	((forced or passive or compress\$ or prolong\$ or slow\$ or accelerat\$ or increas\$) adj3 (exhal\$ or expirat\$)).ti,ab.
20	(breath\$ adj3 exercis\$).ti,ab.
21	or/13-20

22	and/4,12,21
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**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_physio\_RERUN1\_cctr\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).ti,ab.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).ti,ab.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?I\$ or ALR?I\$).ti,ab.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/8-24
26	RESPIRATORY THERAPY/
27	exp PHYSICAL THERAPY MODALITIES/
28	((chest or thora\$) adj3 (physiotherap\$ or physical therap\$)).ti,ab.
29	DRAINAGE, POSTURAL/
30	(postur\$ adj3 drain\$).ti,ab.
31	PERCUSSION/
32	((chest or thora\$) adj3 percuss\$).ti,ab.
33	VIBRATION/

34	CHEST WALL OSCILLATION/
35	vibrat\$.ti,ab.
36	((chest or thora\$) adj3 (shak\$ or oscillat\$)).ti,ab.
37	BREATHING EXERCISES/
38	((direct\$ or induc\$ or provok\$ or assist\$) adj3 cough\$).ti,ab.
39	((forced or passive or compress\$ or prolong\$ or slow\$ or accelerat\$ or increas\$) adj3 (exhal\$ or expirat\$)).ti,ab.
40	(breath\$ adj3 exercis\$).ti,ab.
41	or/26-40
42	and/7,25,41

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_physio\_RERUN1\_cdsrdare\_240614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,kw,jw,rw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,kw,jw,rw.
3	p?ediatric\$.tw,tx,kw,jw,rw.
4	or/1-3
5	bronchiol\$.tw,tx,kw.
6	(bronchopneumon\$ or bronchit\$).tw,tx,kw.
7	(respiratory sync#tial vir\$ or RSV).tw,tx,kw.
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$)).ti,kw.
9	low\$ respiratory tract\$.ti,kw.
10	(LR?I\$ or ALR?I\$).tw,tx.
11	(crepit\$ or crackl\$ or wheez\$).ti,kw.
12	or/5-11
13	RESPIRATORY THERAPY.kw.
14	(PHYSICAL THERAPY MODALITIES or PHYSIOTHERAPY).kw.
15	((chest or thora\$) adj3 (physiotherap\$ or physical therap\$)).tw,tx.
16	(postur\$ adj3 drain\$).tw,tx,kw.
17	PERCUSSION.kw.
18	((chest or thora\$) adj3 percuss\$).tw,tx.
19	vibrat\$.tw,tx,kw.
20	((chest or thora\$) adj3 (shak\$ or oscillat\$)).tw,tx,kw.
21	((direct\$ or induc\$ or provok\$ or assist\$) adj3 cough\$).tw,tx,kw.
22	((forced or passive or compress\$ or prolong\$ or slow\$ or accelerat\$ or increas\$) adj3 (exhal\$ or expirat\$)).tw,tx,kw.

23	(breath\$ adj3 exercis\$).tw,tx,kw.
24	or/13-23
25	and/4,12,24

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_physio\_RERUN1\_hta\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.tw.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).tw.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).tw.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.
21	low\$ respiratory tract\$.tw.
22	(LR?I\$ or ALR?I\$).tw.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/8-24
26	RESPIRATORY THERAPY/
27	exp PHYSICAL THERAPY MODALITIES/
28	((chest or thora\$) adj3 (physiotherap\$ or physical therap\$)).tw.
29	DRAINAGE, POSTURAL/
30	(postur\$ adj3 drain\$).tw.
31	PERCUSSION/

32	((chest or thora\$) adj3 percuss\$).tw.
33	VIBRATION/
34	CHEST WALL OSCILLATION/
35	vibrat\$.tw.
36	((chest or thora\$) adj3 (shak\$ or oscillat\$)).tw.
37	BREATHING EXERCISES/
38	((direct\$ or induc\$ or provok\$ or assist\$) adj3 cough\$).tw.
39	((forced or passive or compress\$ or prolong\$ or slow\$ or accelerat\$ or increas\$) adj3 (exhal\$ or expirat\$)).tw.
40	(breath\$ adj3 exercis\$).tw.
41	or/26-40
42	and/7,25,41

**Database(s): Embase**

**BRONC\_physio\_RERUN1\_embase\_240614**

#	Searches
1	SYSTEMATIC REVIEW/
2	META-ANALYSIS/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psychlit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	((pool* or combined) adj2 (data or trials or studies or results)).ab.
10	cochrane.jw.
11	or/1-10
12	random*.ti,ab.
13	factorial*.ti,ab.
14	(crossover* or cross over*).ti,ab.
15	((doubl* or singl*) adj blind*).ti,ab.
16	(assign* or allocat* or volunteer* or placebo*).ti,ab.
17	CROSSOVER PROCEDURE/
18	SINGLE BLIND PROCEDURE/
19	RANDOMIZED CONTROLLED TRIAL/
20	DOUBLE BLIND PROCEDURE/
21	or/12-20
22	or/11,21

23	exp CHILD/
24	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
25	exp INFANT/
26	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
27	exp PEDIATRICS/
28	p?ediatric\$.ti,ab,jx,ec.
29	or/23-28
30	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
31	BRONCHIOLE/
32	bronchiol\$.ti,ab.
33	BRONCHITIS/
34	BRONCHOPNEUMONIA/
35	(bronchopneumon\$ or bronchit\$).ti,ab.
36	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
37	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
38	(respiratory sync#tial vir\$ or RSV).ti,ab.
39	RESPIRATORY TRACT DISEASE/ or ACUTE RESPIRATORY TRACT DISEASE/
40	RESPIRATORY TRACT INFECTION/
41	exp LOWER RESPIRATORY TRACT INFECTION/
42	BRONCHUS DISEASE/
43	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
44	low\$ respiratory tract\$.ti,ab.
45	(LR?I\$ or ALR?I\$).ti,ab.
46	exp ABNORMAL RESPIRATORY SOUND/
47	(crepit\$ or crackl\$ or wheez\$).ti,ab.
48	or/30-47
49	exp PHYSIOTHERAPY/
50	((chest or thora\$) adj3 (physiotherap\$ or physical therap\$)).ti,ab.
51	POSTURAL DRAINAGE/
52	(postur\$ adj3 drain\$).ti,ab.
53	PERCUSSION/
54	((chest or thora\$) adj3 percuss\$).ti,ab.
55	exp VIBRATION/
56	THORACIC OSCILLATION/
57	vibrat\$.ti,ab.
58	((chest or thora\$) adj3 (shak\$ or oscillat\$)).ti,ab.
59	BREATHING EXERCISE/
60	ASSISTED COUGH/
61	INCREASED EXHALATION TECHNIQUE/



62	((direct\$ or induc\$ or provok\$ or assist\$) adj3 cough\$).ti,ab.
63	((forced or passive or compress\$ or prolong\$ or slow\$ or accelerat\$ or increas\$) adj3 (exhal\$ or expirat\$)).ti,ab.
64	(breath\$ adj3 exercis\$).ti,ab.
65	or/49-64
66	and/29,48,65
67	limit 66 to english language
68	conference abstract.pt.
69	letter.pt. or LETTER/
70	note.pt.
71	editorial.pt.
72	CASE REPORT/ or CASE STUDY/
73	(letter or comment* or abstracts).ti.
74	or/68-73
75	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
76	74 not 75
77	ANIMAL/ not HUMAN/
78	NONHUMAN/
79	exp ANIMAL EXPERIMENT/
80	exp EXPERIMENTAL ANIMAL/
81	ANIMAL MODEL/
82	exp RODENT/
83	(rat or rats or mouse or mice).ti.
84	or/76-83
85	67 not 84
86	and/22,85

**Database(s): AMED (Allied and Complementary Medicine)**

**BRONC\_physio\_RERUN1\_amed\_240614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	PEDIATRICS/
6	p?ediatric\$.ti,ab,jx.
7	or/1-6
8	bronchiol\$.ti,ab.

9	BRONCHITIS/
10	(bronchopneumon\$ or bronchit\$).ti,ab.
11	(respiratory sync#tial vir\$ or RSV).ti,ab.
12	RESPIRATORY TRACT INFECTIONS/
13	BRONCHIAL DISEASE/
14	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
15	low\$ respiratory tract\$.ti,ab.
16	(LR?I\$ or ALR?I\$).ti,ab.
17	RESPIRATORY SOUNDS/
18	(crepit\$ or crackl\$ or wheez\$).ti,ab.
19	or/8-18
20	RESPIRATORY THERAPY/
21	PHYSICAL THERAPY MODALITIES/
22	exp CHEST PHYSIOTHERAPY/
23	((chest or thora\$) adj3 (physiotherap\$ or physical therap\$)).ti,ab.
24	DRAINAGE, POSTURAL/
25	(postur\$ adj3 drain\$).ti,ab.
26	((chest or thora\$) adj3 percuss\$).ti,ab.
27	VIBRATION/
28	vibrat\$.ti,ab.
29	((chest or thora\$) adj3 (shak\$ or oscillat\$)).ti,ab.
30	exp BREATHING EXERCISES/
31	((direct\$ or induc\$ or provok\$ or assist\$) adj3 cough\$).ti,ab.
32	((forced or passive or compress\$ or prolong\$ or slow\$ or accelerat\$ or increas\$) adj3 (exhal\$ or expirat\$)).ti,ab.
33	(breath\$ adj3 exercis\$).ti,ab.
34	or/20-33
35	and/7,19,34

Database(s): CINAHL with Full Text

BRONC\_physio\_RERUN1\_cinahl\_240614

#	Query	Limiters/Expanders
S80	S40 AND S60 AND S79	Limiters - English Language; Exclude MEDLINE records Search modes - Boolean/Phrase
S79	S61 OR S62 OR S63 OR S64 OR S65 OR S66 OR S67 OR S68 OR S69 OR S70 OR S71 OR S72 OR S73 OR S74 OR S75 OR S76 OR S77 OR S78	Search modes - Boolean/Phrase

S78	TI (breath* N3 exercis*) or AB (breath* N3 exercis*)	Search modes - Boolean/Phrase
S77	AB (forced or passive or compress* or prolong* or slow* or accelerat* or increas*) and AB (exhal* or expirat*)	Search modes - Boolean/Phrase
S76	TI (forced or passive or compress* or prolong* or slow* or accelerat* or increas*) and TI (exhal* or expirat*)	Search modes - Boolean/Phrase
S75	AB (direct* cough* or induc* cough* or provok* cough* or assist* cough*)	Search modes - Boolean/Phrase
S74	TI (direct* cough* or induc* cough* or provok* cough* or assist* cough*)	Search modes - Boolean/Phrase
S73	MH BREATHING EXERCISES+	Search modes - Boolean/Phrase
S72	TI (vibrat* or shak* or oscillat*) or AB (vibrat* or shak* or oscillat*)	Search modes - Boolean/Phrase
S71	MH VIBRATION	Search modes - Boolean/Phrase
S70	TI (thora* N3 percuss*) or AB (thora* N3 percuss*)	Search modes - Boolean/Phrase
S69	TI (chest N3 percuss*) or AB (chest N3 percuss*)	Search modes - Boolean/Phrase
S68	MH PERCUSSION	Search modes - Boolean/Phrase
S67	TI (postur* N3 drain*) or AB (postur* N3 drain*)	Search modes - Boolean/Phrase
S66	MH DRAINAGE, POSTURAL	Search modes - Boolean/Phrase
S65	TI (physical therap* or physiotherap*) or AB (physical therap* or physiotherap*)	Search modes - Boolean/Phrase
S64	MH PEDIATRIC PHYSICAL THERAPY	Search modes - Boolean/Phrase
S63	MH CHEST PHYSICAL THERAPY+	Search modes - Boolean/Phrase
S62	MH PHYSICAL THERAPY	Search modes - Boolean/Phrase
S61	MH RESPIRATORY THERAPY	Search modes - Boolean/Phrase
S60	S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52 OR S53 OR S54 OR S55 OR S56 OR S57 OR S58 OR S59	Search modes - Boolean/Phrase
S59	TI (crepit* or crackl* or wheez*) or AB (crepit* or crackl* or wheez*)	Search modes - Boolean/Phrase
S58	(MH "Respiratory Sounds")	Search modes - Boolean/Phrase
S57	TI (LR#I* or ALR#I*) or AB (LR#I* or ALR#I*)	Search modes - Boolean/Phrase
S56	AB (bronchi* N3 infect*) or AB (bronchi* N3 inflam*) or AB (bronchi* N3 disease*)	Search modes - Boolean/Phrase
S55	TI (bronchi* N3 infect*) or TI (bronchi* N3 inflam*) or TI (bronchi* N3 disease*)	Search modes - Boolean/Phrase
S54	AB (respiratory N3 infect*) or AB (respiratory N3 inflam*) or AB (respiratory N3 disease*)	Search modes - Boolean/Phrase
S53	TI (respiratory N3 infect*) or TI (respiratory N3 inflam*) or TI (respiratory N3 disease*)	Search modes - Boolean/Phrase
S52	(MH "Bronchial Diseases")	Search modes - Boolean/Phrase

S51	(MH "Respiratory Tract Infections")	Search modes - Boolean/Phrase
S50	(MH "Respiratory Tract Diseases")	Search modes - Boolean/Phrase
S49	TI (respiratory syncytial vir* or RSV) or AB (respiratory syncytial vir* or RSV)	Search modes - Boolean/Phrase
S48	(MH "Respiratory Syncytial Virus Infections")	Search modes - Boolean/Phrase
S47	(MH "Respiratory Syncytial Viruses")	Search modes - Boolean/Phrase
S46	TI (bronchopneumon* or bronchit*) or AB (bronchopneumon* or bronchit*)	Search modes - Boolean/Phrase
S45	(MH "Bronchopneumonia")	Search modes - Boolean/Phrase
S44	(MH "Bronchitis+")	Search modes - Boolean/Phrase
S43	TI (bronchiol*) or AB (bronchiol*)	Search modes - Boolean/Phrase
S42	(MH "Bronchioles")	Search modes - Boolean/Phrase
S41	(MH "Bronchiolitis")	Search modes - Boolean/Phrase
S40	S36 OR S37 OR S38 OR S39	Search modes - Boolean/Phrase
S39	TI (pediatric* or paediatric*) or AB (pediatric* or paediatric*) or SO (pediatric* or paediatric*)	Search modes - Boolean/Phrase
S38	TI (infan* or neonat* or newborn* or baby or babies) OR AB (infan* or neonat* or newborn* or baby or babies) OR SO (infan* or neonat* or newborn* or baby or babies)	Search modes - Boolean/Phrase
S37	TI (child* or preschool* or toddler* or kid# or kindergar* or boy# or girl#) OR AB (child* or preschool* or toddler* or kid# or kindergar* or boy# or girl#) OR SO (child* or preschool* or toddler* or kid# or kindergar* or boy# or girl#)	Search modes - Boolean/Phrase
S36	(MH "Infant, Newborn+") OR (MH "Infant+") OR (MH "Child, Preschool") OR (MH "Child+") OR (MH "Pediatrics+")	Search modes - Boolean/Phrase
S35	S5 AND S25 AND S34	Limiters - Published Date: 20140101-20141231; English Language; Exclude MEDLINE records Search modes - Boolean/Phrase
S34	S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33	Search modes - Boolean/Phrase
S33	AB (hydrat* or rehydrat* or fluid therap* or hypodermoclysi*)	Search modes - Boolean/Phrase
S32	TI (hydrat* or rehydrat* or fluid therap* or hypodermoclysi*)	Search modes - Boolean/Phrase
S31	AB ((tube or tubal or intuba* or enteral or parenteral or oral* or nasogastric or gastrointestinal or intravenous* or IV) N3 (nutrition* or fluid* or feed* or fed))	Search modes - Boolean/Phrase
S30	TI ((tube or tubal or intuba* or enteral or parenteral or oral* or nasogastric or gastrointestinal or intravenous* or IV) N3 (nutrition* or fluid* or feed* or fed))	Search modes - Boolean/Phrase
S29	(MH "Intubation, Gastrointestinal")	Search modes - Boolean/Phrase
S28	(MH "Infusions, Intravenous")	Search modes - Boolean/Phrase

S27	(MH "Fluid Therapy+")	Search modes - Boolean/Phrase
S26	(MH "Feeding Methods+")	Search modes - Boolean/Phrase
S25	S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24	Search modes - Boolean/Phrase
S24	TI (crepit* or crackl* or wheez*) or AB (crepit* or crackl* or wheez*)	Search modes - Boolean/Phrase
S23	(MH "Respiratory Sounds")	Search modes - Boolean/Phrase
S22	TI (LR#I* or ALR#I*) or AB (LR#I* or ALR#I*)	Search modes - Boolean/Phrase
S21	AB (bronchi* N3 infect*) or AB (bronchi* N3 inflam*) or AB (bronchi* N3 disease*)	Search modes - Boolean/Phrase
S20	TI (bronchi* N3 infect*) or TI (bronchi* N3 inflam*) or TI (bronchi* N3 disease*)	Search modes - Boolean/Phrase
S19	AB (respiratory N3 infect*) or AB (respiratory N3 inflam*) or AB (respiratory N3 disease*)	Search modes - Boolean/Phrase
S18	TI (respiratory N3 infect*) or TI (respiratory N3 inflam*) or TI (respiratory N3 disease*)	Search modes - Boolean/Phrase
S17	(MH "Bronchial Diseases")	Search modes - Boolean/Phrase
S16	(MH "Respiratory Tract Infections")	Search modes - Boolean/Phrase
S15	(MH "Respiratory Tract Diseases")	Search modes - Boolean/Phrase
S14	TI (respiratory sync?tial vir* or RSV) or AB (respiratory sync?tial vir* or RSV)	Search modes - Boolean/Phrase
S13	(MH "Respiratory Syncytial Virus Infections")	Search modes - Boolean/Phrase
S12	(MH "Respiratory Syncytial Viruses")	Search modes - Boolean/Phrase
S11	TI (bronchopneumon* or bronchit*) or AB (bronchopneumon* or bronchit*)	Search modes - Boolean/Phrase
S10	(MH "Bronchopneumonia")	Search modes - Boolean/Phrase
S9	(MH "Bronchitis+")	Search modes - Boolean/Phrase
S8	TI (bronchiol*) or AB (bronchiol*)	Search modes - Boolean/Phrase
S7	(MH "Bronchioles")	Search modes - Boolean/Phrase
S6	(MH "Bronchiolitis")	Search modes - Boolean/Phrase
S5	S1 OR S2 OR S3 OR S4	Search modes - Boolean/Phrase
S4	TI (pediatric* or paediatric*) or AB (pediatric* or paediatric*) or SO (pediatric* or paediatric*)	Search modes - Boolean/Phrase
S3	TI (infan* or neonat* or newborn* or baby or babies) OR AB (infan* or neonat* or newborn* or baby or babies) OR SO (infan* or neonat* or newborn* or baby or babies)	Search modes - Boolean/Phrase
S2	TI (child* or preschool* or toddler* or kid# or kindergar* or boy# or girl#) OR AB (child* or preschool* or toddler* or kid# or kindergar* or boy# or girl#) OR SO (child* or preschool* or toddler* or kid# or kindergar* or boy# or girl#)	Search modes - Boolean/Phrase

S1	(MH "Infant, Newborn+") OR (MH "Infant+") OR (MH "Child, Preschool") OR (MH "Child+") OR (MH "Pediatrics+")	Search modes - Boolean/Phrase
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**Database(s): PEDro**

Field	Searches
Title and abstract	Bronchiol [automatic truncation applied]

## What is the efficacy of antibiotic treatment?

Database(s): Ovid MEDLINE(R)

BRONC\_antibiotics\_RERUN1\_medline\_280514

#	Searches
1	META-ANALYSIS/
2	META-ANALYSIS AS TOPIC/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	cochrane.jw.
10	or/1-9
11	randomized controlled trial.pt.
12	controlled clinical trial.pt.
13	pragmatic clinical trial.pt.
14	randomi#ed.ab.
15	placebo.ab.
16	randomly.ab.
17	CLINICAL TRIALS AS TOPIC/
18	trial.ti.
19	or/11-18
20	or/10,19
21	exp CHILD/
22	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
23	exp INFANT/
24	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
25	exp PEDIATRICS/
26	p?ediatric\$.ti,ab,jw.
27	or/21-26
28	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
29	BRONCHIOLES/
30	BRONCHITIS/ or BRONCHOPNEUMONIA/
31	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
32	exp RESPIRATORY SYNCYTIAL VIRUSES/
33	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/

34	(respiratory sync#tial vir\$ or RSV).ti,ab.
35	or/28-34
36	RESPIRATORY TRACT DISEASES/
37	RESPIRATORY TRACT INFECTIONS/
38	BRONCHIAL DISEASES/
39	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
40	low\$ respiratory tract\$.ti,ab.
41	(LR?I\$ or ALR?I\$).ti,ab.
42	or/36-41
43	RESPIRATORY SOUNDS/
44	(crepit\$ or crackl\$ or wheez\$).ti,ab.
45	or/43-44
46	exp VIRUS DISEASES/
47	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
48	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
49	pneumovir\$.ti,ab.
50	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
51	METAPNEUMOVIRUS/
52	(paramyxovir\$ or metapneumovir\$).ti,ab.
53	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
54	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
55	(adenovir\$ or mastadenovir\$).ti,ab.
56	influenza\$.ti,ab,hw.
57	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
58	enterovir\$.ti,ab.
59	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
60	rhinovir\$.ti,ab.
61	or/46-60
62	and/42,45
63	and/42,61
64	and/45,61
65	or/62-64
66	or/35,65
67	exp ANTI-BACTERIAL AGENTS/
68	(antibiotic\$ or antibacteri\$ or anti bacteri\$ or antimycobacteri\$ or anti mycobacteri\$ or bacteriocid\$).ti,ab.
69	exp MACROLIDES/
70	(macrolide\$ or azithromycin or clarithromycin or erythromycin or roxithromycin or spiramycin).mp.
71	exp CEPHALOSPORINS/



72	(ce??alospirin\$ or ce??alexin or ce??aclor or ce??epime or ce??otaxime or ce??am#cin\$ or ce??otetan or ce??oxitin or ce??metazole or ce??pirome or ce??podoxime or ce??tazidime or ce??triaxone or ce??amandole or ce??azolin).mp.
73	exp PENICILLINS/
74	(penicil?in\$ or amox#cil?in or co amox#clav or coamox#clav or ampicil?in or benzylpenicil?in or cloxacil?in or dicloxacil?in or flucloxacil?in or floxacil?in or piperacil?in or ticarcil?in or sulbactam).mp.
75	exp FLUOROQUINOLONES/
76	(fluoroquinolone\$ or ciprofloxacin or enoxacin or norfloxacin or ofloxacin or pefloxacin or fleroxacin or levofloxacin or moxifloxacin).mp.
77	exp TETRACYCLINES/
78	(tetracycline\$ or doxycycline or met?acycline or minocycline).mp.
79	(amikacin or gentam#cin\$ or neom#cin or netilm#cin).mp.
80	(clindam#cin or lincom#cin).mp.
81	(chloram??enicol or amantadine).mp.
82	exp TRIMETHOPRIM/
83	(cotrimoxazole or co trimoxazole or trimethoprim).mp.
84	or/67-83
85	and/27,66,84
86	limit 85 to english language
87	LETTER/
88	EDITORIAL/
89	NEWS/
90	exp HISTORICAL ARTICLE/
91	ANECDOTES AS TOPIC/
92	COMMENT/
93	CASE REPORT/
94	((letter or comment* or abstracts).ti.
95	or/87-94
96	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
97	95 not 96
98	ANIMALS/ not HUMANS/
99	exp ANIMALS, LABORATORY/
100	exp ANIMAL EXPERIMENTATION/
101	exp MODELS, ANIMAL/
102	exp RODENTIA/
103	(rat or rats or mouse or mice).ti.
104	or/97-103
105	86 not 104
106	and/20,105

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations

BRONC\_antibiotics\_RERUN1\_mip\_280514

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
6	(respiratory sync#tial vir\$ or RSV).ti,ab.
7	or/5-6
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?I\$ or ALR?I\$).ti,ab.
11	or/8-10
12	(crepit\$ or crackl\$ or wheez\$).ti,ab.
13	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
14	pneumovir\$.ti,ab.
15	(paramyxovir\$ or metapneumovir\$).ti,ab.
16	(adenovir\$ or mastadenovir\$).ti,ab.
17	influenza\$.ti,ab.
18	enterovir\$.ti,ab.
19	rhinovir\$.ti,ab.
20	or/13-19
21	and/11-12
22	and/11,20
23	and/12,20
24	or/21-23
25	or/7,24
26	(antibiotic\$ or antibacteri\$ or anti bacteri\$ or antimycobacteri\$ or anti mycobacteri\$ or bacteriocid\$).ti,ab.
27	(macrolide\$ or azithromycin or clarithromycin or erythromycin or roxithromycin or spiramycin).mp.
28	(ce??alospirin\$ or ce??alexin or ce??aclor or ce??epime or ce??otaxime or ce??am#cin\$ or ce??otetan or ce??oxitin or ce??metazole or ce??pirome or ce??podoxime or ce??tazidime or ce??triaxone or ce??amandole or ce??azolin).mp.
29	(penicil?in\$ or amox#cil?in or co amox#clav or coamox#clav or ampicil?in or benzympenicil?in or cloxacil?in or dicloxacil?in or flucloxacil?in or floxacil?in or piperacil?in or ticarcil?in or sulbactam).mp.
30	(fluoroquinolone\$ or ciprofloxacin or enoxacin or norfloxacin or ofloxacin or pefloxacin or fleroxacin or levofloxacin or moxifloxacin).mp.

31	(tetracycline\$ or doxycycline or met?acycline or minocycline).mp.
32	(amikacin or gentam#cin\$ or neom#cin or netilm#cin).mp.
33	(clindam#cin or lincom#cin).mp.
34	(chloram??enicol or amantadine).mp.
35	(cotrimoxazole or co trimoxazole or trimethoprim).mp.
36	or/26-35
37	and/4,25,36

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_antibiotics\_RERUN1\_mip\_280514**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
6	(respiratory sync#tial vir\$ or RSV).ti,ab.
7	or/5-6
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?I\$ or ALR?I\$).ti,ab.
11	or/8-10
12	(crepit\$ or crackl\$ or wheez\$).ti,ab.
13	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
14	pneumovir\$.ti,ab.
15	(paramyxovir\$ or metapneumovir\$).ti,ab.
16	(adenovir\$ or mastadenovir\$).ti,ab.
17	influenza\$.ti,ab.
18	enterovir\$.ti,ab.
19	rhinovir\$.ti,ab.
20	or/13-19
21	and/11-12
22	and/11,20
23	and/12,20
24	or/21-23
25	or/7,24
26	(antibiotic\$ or antibacteri\$ or anti bacteri\$ or antimycobacteri\$ or anti mycobacteri\$ or

	bacteriocid\$.ti,ab.
27	(macrolide\$ or azithromycin or clarithromycin or erythromycin or roxithromycin or spiramycin).mp.
28	(ce??alosporin\$ or ce??alexin or ce??aclor or ce??epime or ce??otaxime or ce??am#cin\$ or ce??otetan or ce??oxitin or ce??metazole or ce??pirome or ce??podoxime or ce??tazidime or ce??triaxone or ce??amandole or ce??azolin).mp.
29	(penicil?in\$ or amox#cil?in or co amox#clav or coamox#clav or ampicil?in or benzylpenicil?in or cloxacil?in or dicloxacil?in or flucloxacil?in or floxacil?in or piperacil?in or ticarcil?in or sulbactam).mp.
30	(fluoroquinolone\$ or ciprofloxacin or enoxacin or norfloxacin or ofloxacin or pefloxacin or feroxacin or levofloxacin or moxifloxacin).mp.
31	(tetracycline\$ or doxycycline or met?acycline or minocycline).mp.
32	(amikacin or gentam#cin\$ or neom#cin or netilm#cin).mp.
33	(clindam#cin or lincom#cin).mp.
34	(chloram??enicol or amantadine).mp.
35	(cotrimoxazole or co trimoxazole or trimethoprim).mp.
36	or/26-35
37	and/4,25,36

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_antibiotics\_RERUN1\_cdsrdare\_280514**

#	Searches
1	CHILD.kw.
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,kw,jw,rw.
3	INFANT.kw.
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,kw,jw,rw.
5	PEDIATRICS.kw.
6	p?ediatric\$.tw,tx,kw,jw,rw.
7	or/1-6
8	BRONCHIOLITIS.kw.
9	BRONCHIOLES.kw.
10	(BRONCHITIS or BRONCHOPNEUMONIA).kw.
11	(bronchiol\$ or bronchitis or bronchopneumonia).tw,tx,kw.
12	RESPIRATORY SYNCYTIAL VIRUSES.kw.
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS.kw.
14	(respiratory sync#tial vir\$ or RSV).tw,tx,kw.
15	or/8-14
16	RESPIRATORY TRACT DISEASES.kw.
17	RESPIRATORY TRACT INFECTIONS.kw.

18	BRONCHIAL DISEASES.kw.
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw,tx,kw.
20	low\$ respiratory tract\$.tw,tx,kw.
21	(LR?I\$ or ALR?I\$).tw,tx,kw.
22	or/16-21
23	RESPIRATORY SOUNDS.kw.
24	(crepit\$ or crackl\$ or wheez\$).tw,tx,kw.
25	or/23-24
26	VIRUS DISEASES.kw.
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw,tx,kw.
28	(PNEUMOVIRUS or PNEUMOVIRUS INFECTIONS).kw.
29	pneumovir\$.tw,tx,kw.
30	(PARAMYXOVIRIDAE or PARAMYXOVIRIDAE INFECTIONS).kw.
31	METAPNEUMOVIRUS.kw.
32	(paramyxovir\$ or metapneumovir\$).tw,tx,kw.
33	(ADENOVIRIDAE or ADENOVIRIDAE INFECTIONS).kw.
34	(MASTADENOVIRUS or ADENOVIRUSES, HUMAN or ADENOVIRUS INFECTIONS, HUMAN).kw.
35	(adenovir\$ or mastadenovir\$).tw,tx,kw.
36	influenza\$.tw,tx,kw.
37	(ENTEROVIRUS or ENTEROVIRUS INFECTIONS).kw.
38	enterovir\$.tw,tx,kw.
39	(RHINOVIRUS or PICORNAVIRIDAE INFECTIONS).kw.
40	rhinovir\$.tw,tx,kw.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	ANTI-BACTERIAL AGENTS.kw.
48	(antibiotic\$ or antibacteri\$ or anti bacteri\$ or antimycobacteri\$ or anti mycobacteri\$ or bacteriocid\$).tw,tx,kw.
49	MACROLIDES.kw.
50	(macrolide\$ or azithromycin or clarithromycin or erythromycin or roxithromycin or spiramycin).mp.
51	CEPHALOSPORINS.kw.
52	(ce??alospirin\$ or ce??alexin or ce??aclor or ce??epime or ce??otaxime or ce??am#cin\$ or ce??otetan or ce??oxitin or ce??metazole or ce??pirome or ce??podoxime or ce??tazidime or ce??triaxone or ce??amandole or ce??azolin).mp.
53	PENICILLINS.kw.

54	(penicil?in\$ or amox#cil?in or co amox#clav or coamox#clav or ampicil?in or benzylpenicil?in or cloxacil?in or dicloxacil?in or flucloxacil?in or floxacil?in or piperacil?in or ticarcil?in or sulbactam).mp.
55	FLUROQUINOLONES.kw.
56	(fluoroquinolone\$ or ciprofloxacin or enoxacin or norfloxacin or ofloxacin or pefloxacin or fleroxacin or levofloxacin or moxifloxacin).mp.
57	TETRACYCLINES.kw.
58	(tetracycline\$ or doxycycline or met?acycline or minocycline).mp.
59	(amikacin or gentam#cin\$ or neom#cin or netilm#cin).mp.
60	(clindam#cin or lincom#cin).mp.
61	(chloram??enicol or amantadine).mp.
62	TRIMETHOPRIM.kw.
63	(cotrimoxazole or co trimoxazole or trimethoprim).mp.
64	or/47-63
65	and/7,46,64

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_antibiotics\_RERUN1\_hta\_280514**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).tw.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).tw.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.

20	low\$ respiratory tract\$.tw.
21	(LR?I\$ or ALR?I\$).tw.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.tw.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).tw.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).tw.
36	influenza\$.tw,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.tw.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.tw.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	exp ANTI-BACTERIAL AGENTS/
48	(antibiotic\$ or antibacteri\$ or anti bacteri\$ or antimycobacteri\$ or anti mycobacteri\$ or bacteriocid\$).tw.
49	exp MACROLIDES/
50	(macrolide\$ or azithromycin or clarithromycin or erythromycin or roxithromycin or spiramycin).tw,hw.
51	exp CEPHALOSPORINS/
52	(ce??alospirin\$ or ce??alexin or ce??aclor or ce??epime or ce??otaxime or ce??am#cin\$ or ce??otetan or ce??oxitin or ce??metazole or ce??pirome or ce??podoxime or ce??tazidime or ce??triaxone or ce??amandole or ce??azolin).tw,hw.
53	exp PENICILLINS/
54	(penicil?in\$ or amox#cil?in or co amox#clav or coamox#clav or ampicil?in or benzympenicil?in or cloxacil?in or dicloxacil?in or flucloxacil?in or floxacil?in or piperacil?in or ticarcil?in or sulbactam).tw,hw.

55	exp FLUOROQUINOLONES/
56	(fluoroquinolone\$ or ciprofloxacin or enoxacin or norfloxacin or ofloxacin or pefloxacin or fleroxacin or levofloxacin or moxifloxacin).tw,hw.
57	exp TETRACYCLINES/
58	(tetracycline\$ or doxycycline or met?acycline or minocycline).tw,hw.
59	(amikacin or gentam#cin\$ or neom#cin or netilm#cin).tw,hw.
60	(clindam#cin or lincom#cin).tw,hw.
61	(chloram??enicol or amantadine).tw,hw.
62	exp TRIMETHOPRIM/
63	(cotrimoxazole or co trimoxazole or trimethoprim).tw,hw.
64	or/47-63
65	and/7,46,64

**Database(s): Embase**

**BRONC\_antibiotics\_RERUN1\_embase\_280514**

#	Searches
1	SYSTEMATIC REVIEW/
2	META-ANALYSIS/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	((pool* or combined) adj2 (data or trials or studies or results)).ab.
10	cochrane.jw.
11	or/1-10
12	random*.ti,ab.
13	factorial*.ti,ab.
14	(crossover* or cross over*).ti,ab.
15	((doubl* or singl*) adj blind*).ti,ab.
16	(assign* or allocat* or volunteer* or placebo*).ti,ab.
17	CROSSOVER PROCEDURE/
18	SINGLE BLIND PROCEDURE/
19	RANDOMIZED CONTROLLED TRIAL/
20	DOUBLE BLIND PROCEDURE/
21	or/12-20



22	or/11,21
23	exp CHILD/
24	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
25	exp INFANT/
26	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
27	exp PEDIATRICS/
28	p?ediatric\$.ti,ab,jx,ec.
29	or/23-28
30	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
31	BRONCHIOLE/
32	BRONCHITIS/ or BRONCHOPNEUMONIA/
33	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
34	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
35	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
36	(respiratory sync#tial vir\$ or RSV).ti,ab.
37	or/30-36
38	RESPIRATORY TRACT DISEASE/ or ACUTE RESPIRATORY TRACT DISEASE/
39	RESPIRATORY TRACT INFECTION/
40	exp LOWER RESPIRATORY TRACT INFECTION/
41	BRONCHUS DISEASE/
42	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
43	low\$ respiratory tract\$.ti,ab.
44	(LR?I\$ or ALR?I\$).ti,ab.
45	or/38-44
46	exp ABNORMAL RESPIRATORY SOUND/
47	(crepit\$ or crackl\$ or wheez\$).ti,ab.
48	or/46-47
49	exp VIRUS INFECTION/
50	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
51	PNEUMOVIRINAE/ or PNEUMOVIRUS INFECTION/
52	pneumovir\$.ti,ab.
53	PARAMYXOVIRUS/ or PARAMYXOVIRUS INFECTION/
54	exp METAPNEUMOVIRUS/ or exp METAPNEUMOVIRUS INFECTION/
55	(paramyxovir\$ or metapneumovir\$).ti,ab.
56	ADENOVIRUS/ or ADENOVIRUS INFECTION/
57	exp MASTADENOVIRUS/ or HUMAN ADENOVIRUS INFECTION/
58	(adenovir\$ or mastadenovir\$).ti,ab.
59	influenza\$.ti,ab,hw.
60	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTION/

61	enterovir\$.ti,ab.
62	exp RHINOVIRUS/ or RHINOVIRUS INFECTION/
63	rhinovir\$.ti,ab.
64	or/49-63
65	and/45,48
66	and/45,64
67	and/48,64
68	or/65-67
69	or/37,68
70	exp ANTIBIOTIC AGENT/
71	(antibiotic\$ or antibacteri\$ or anti bacteri\$ or antimycobacteri\$ or anti mycobacteri\$ or bacteriocid\$).ti,ab.
72	exp MACROLIDE/
73	(macrolide\$ or azithromycin or clarithromycin or erythromycin or roxithromycin or spiramycin).mp.
74	exp CEPHALOSPORIN/
75	(ce??alospirin\$ or ce??alexin or ce??aclor or ce??epime or ce??otaxime or ce??am#cin\$ or ce??otetan or ce??oxitin or ce??metazole or ce??pirome or ce??podoxime or ce??tazidime or ce??triaxone or ce??amandole or ce??azolin).mp.
76	exp PENICILLIN DERIVATIVE/
77	SULBACTAM/
78	(penicil?in\$ or amox#cil?in or co amox#clav or coamox#clav or ampicil?in or benzylpenicil?in or cloxacil?in or dicloxacil?in or flucloxacil?in or floxacil?in or piperacil?in or ticarcil?in or sulbactam).mp.
79	exp QUINOLONE DERIVATIVE/
80	exp QUINOLINE DERIVED ANTIINFECTIVE AGENT/
81	(fluoroquinolone\$ or ciprofloxacin or enoxacin or norfloxacin or ofloxacin or pefloxacin or fleroxacin or levofloxacin or moxifloxacin).mp.
82	exp TETRACYCLINE DERIVATIVE/
83	(tetracycline\$ or doxycycline or met?acycline or minocycline).mp.
84	(amikacin or gentam#cin\$ or neom#cin or netilm#cin).mp.
85	(clindam#cin or lincom#cin).mp.
86	(chloram??enicol or amantadine).mp.
87	(cotrimoxazole or co trimoxazole or trimethoprim).mp.
88	or/70-87
89	and/29,69,88
90	limit 89 to english language
91	conference abstract.pt.
92	letter.pt. or LETTER/
93	note.pt.
94	editorial.pt.

95	CASE REPORT/ or CASE STUDY/
96	((letter or comment* or abstracts).ti.
97	or/91-96
98	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
99	97 not 98
100	ANIMAL/ not HUMAN/
101	NONHUMAN/
102	exp ANIMAL EXPERIMENT/
103	exp EXPERIMENTAL ANIMAL/
104	ANIMAL MODEL/
105	exp RODENT/
106	(rat or rats or mouse or mice).ti.
107	or/99-106
108	90 not 107
109	and/22,108

What is the efficacy of combined bronchodilator and corticosteroid therapy?

No separate search run (results of corticosteroids search and bronchodilators search combined)

## What is the efficacy of inhaled/systemic corticosteroid therapy?

Database(s): Ovid MEDLINE(R)

BRONC\_corticosteroids\_RERUN1\_medline\_280514

#	Searches
1	META-ANALYSIS/
2	META-ANALYSIS AS TOPIC/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	cochrane.jw.
10	or/1-9
11	randomized controlled trial.pt.
12	controlled clinical trial.pt.
13	pragmatic clinical trial.pt.
14	randomi#ed.ab.
15	placebo.ab.
16	randomly.ab.
17	CLINICAL TRIALS AS TOPIC/
18	trial.ti.
19	or/11-18
20	or/10,19
21	exp CHILD/
22	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
23	exp INFANT/
24	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
25	exp PEDIATRICS/
26	p?ediatric\$.ti,ab,jw.
27	or/21-26
28	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
29	BRONCHIOLES/
30	BRONCHITIS/ or BRONCHOPNEUMONIA/
31	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
32	exp RESPIRATORY SYNCYTIAL VIRUSES/
33	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/

34	(respiratory sync#tial vir\$ or RSV).ti,ab.
35	or/28-34
36	RESPIRATORY TRACT DISEASES/
37	RESPIRATORY TRACT INFECTIONS/
38	BRONCHIAL DISEASES/
39	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
40	low\$ respiratory tract\$.ti,ab.
41	(LR?I\$ or ALR?I\$).ti,ab.
42	or/36-41
43	RESPIRATORY SOUNDS/
44	(crepit\$ or crackl\$ or wheez\$).ti,ab.
45	or/43-44
46	exp VIRUS DISEASES/
47	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
48	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
49	pneumovir\$.ti,ab.
50	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
51	METAPNEUMOVIRUS/
52	(paramyxovir\$ or metapneumovir\$).ti,ab.
53	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
54	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
55	(adenovir\$ or mastadenovir\$).ti,ab.
56	influenza\$.ti,ab,hw.
57	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
58	enterovir\$.ti,ab.
59	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
60	rhinovir\$.ti,ab.
61	or/46-60
62	and/42,45
63	and/42,61
64	and/45,61
65	or/62-64
66	or/35,65
67	exp ADRENAL CORTEX HORMONES/
68	(cortico\$ or glucocortico\$ or steroid\$).ti,ab.
69	BUDESONIDE/
70	(budesonide or budelin or pulmicort).mp.
71	BECLOMETHASONE/
72	(beclomet?asone or asmabec or becodisk\$ or clenil modulite or qvar).mp.

73	exp BETAMETHASONE/
74	(betamethasone or betnesol).mp.
75	exp DEXAMETHASONE/
76	(dexamethasone or dexsol or martapen).mp.
77	(flunisolide or syntaris).mp.
78	(fluticasone or flixotide).mp.
79	exp HYDROCORTISONE/
80	(hydrocortisone or efcortisol or solu cortef or solucortef or corlan).mp.
81	(mometasone or asmanex).mp.
82	exp PREDNISOLONE/
83	(prednisolone or deltacortril or methylprednisolone or medrone or solumedrone or depomedrone).mp.
84	PREDNISONONE/
85	(prednisone or lodotra or methylprednisone or meprednisone).mp.
86	exp TRIAMCINOLONE/
87	(triamcinolone or kenalog or adcortyl or nasacort).mp.
88	or/67-87
89	and/27,66,88
90	limit 89 to english language
91	LETTER/
92	EDITORIAL/
93	NEWS/
94	exp HISTORICAL ARTICLE/
95	ANECDOTES AS TOPIC/
96	COMMENT/
97	CASE REPORT/
98	(letter or comment* or abstracts).ti.
99	or/91-98
100	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
101	99 not 100
102	ANIMALS/ not HUMANS/
103	exp ANIMALS, LABORATORY/
104	exp ANIMAL EXPERIMENTATION/
105	exp MODELS, ANIMAL/
106	exp RODENTIA/
107	(rat or rats or mouse or mice).ti.
108	or/101-107
109	90 not 108
110	and/20,109

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations

BRONC\_corticosteroids\_RERUN1\_mip\_290514

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
6	(respiratory sync#tial vir\$ or RSV).ti,ab.
7	or/5-6
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?I\$ or ALR?I\$).ti,ab.
11	or/8-10
12	(crepit\$ or crackl\$ or wheez\$).ti,ab.
13	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
14	pneumovir\$.ti,ab.
15	(paramyxovir\$ or metapneumovir\$).ti,ab.
16	(adenovir\$ or mastadenovir\$).ti,ab.
17	influenza\$.ti,ab.
18	enterovir\$.ti,ab.
19	rhinovir\$.ti,ab.
20	or/13-19
21	and/11-12
22	and/11,20
23	and/12,20
24	or/21-23
25	or/7,24
26	(cortico\$ or glucocortico\$ or steroid\$).ti,ab.
27	(budesonide or budelin or pulmicort).mp.
28	(beclomet?asone or asmabec or becodisk\$ or clenil modulite or qvar).mp.
29	(betamethasone or betnesol).mp.
30	(dexamethasone or dexsol or martapen).mp.
31	(flunisolide or syntaris).mp.
32	(fluticasone or flixotide).mp.



33	(hydrocortisone or efcorlesol or solu cortef or solucortef or corlan).mp.
34	(mometasone or asmanex).mp.
35	(prednisolone or deltacortril or methylprednisolone or medrone or solumedrone or depomedrone).mp.
36	(prednisone or lodotra or methylprednisone or meprednisone).mp.
37	(triamcinolone or kenalog or adcortyl or nasacort).mp.
38	or/26-37
39	and/4,25,38

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_corticosteroids\_RERUN1\_ctr\_290514**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).ti,ab.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
20	low\$ respiratory tract\$.ti,ab.
21	(LR?I\$ or ALR?I\$).ti,ab.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.

28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.ti,ab.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).ti,ab.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).ti,ab.
36	influenza\$.ti,ab,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.ti,ab.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.ti,ab.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	exp ADRENAL CORTEX HORMONES/
48	(cortico\$ or glucocortico\$ or steroid\$).ti,ab.
49	BUDESONIDE/
50	(budesonide or budelin or pulmicort).mp.
51	BECLOMETHASONE/
52	(beclomet?asone or asmabec or becodisk\$ or clenil modulite or qvar).mp.
53	exp BETAMETHASONE/
54	(betamethasone or betnesol).mp.
55	exp DEXAMETHASONE/
56	(dexamethasone or dexsol or martapen).mp.
57	(flunisolide or syntaris).mp.
58	(fluticasone or flixotide).mp.
59	exp HYDROCORTISONE/
60	(hydrocortisone or efcortisol or solu cortef or solucortef or corlan).mp.
61	(mometasone or asmanex).mp.
62	exp PREDNISOLONE/
63	(prednisolone or deltacortril or methylprednisolone or medrone or solumedrone or depomedrone).mp.
64	PREDNISONE/
65	(prednisone or lodotra or methylprednisone or meprednisone).mp.
66	exp TRIAMCINOLONE/

67	(triamcinolone or kenalog or adcortyl or nasacort).mp.
68	or/47-67
69	and/7,46,68

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_corticosteroids\_RERUN1\_cdsrdare\_290514**

#	Searches
1	CHILD.kw.
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,jw,rw.
3	INFANT.kw.
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,jw,rw.
5	PEDIATRICS.kw.
6	p?ediatric\$.tw,tx,jw,rw.
7	or/1-6
8	BRONCHIOLITIS.kw.
9	BRONCHIOLES.kw.
10	(BRONCHITIS or BRONCHOPNEUMONIA).kw.
11	(bronchiol\$ or bronchitis or bronchopneumonia).tw,tx.
12	RESPIRATORY SYNCYTIAL VIRUSES.kw.
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS.kw.
14	(respiratory sync#tial vir\$ or RSV).tw,tx.
15	or/8-14
16	RESPIRATORY TRACT DISEASES.kw.
17	RESPIRATORY TRACT INFECTIONS.kw.
18	BRONCHIAL DISEASES.kw.
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw,tx.
20	low\$ respiratory tract\$.tw,tx.
21	(LR?I\$ or ALR?I\$).tw,tx.
22	or/16-21
23	RESPIRATORY SOUNDS.kw.
24	(crepit\$ or crackl\$ or wheez\$).tw,tx.
25	or/23-24
26	VIRUS DISEASES.kw.
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw,tx.
28	(PNEUMOVIRUS or PNEUMOVIRUS INFECTIONS).kw.
29	pneumovir\$.tw,tx.
30	(PARAMYXOVIRIDAE or PARAMYXOVIRIDAE INFECTIONS).kw.
31	METAPNEUMOVIRUS.kw.

32	(paramyxovir\$ or metapneumovir\$).tw,tx.
33	(ADENOVIRIDAE or ADENOVIRIDAE INFECTIONS).kw.
34	(MASTADENOVIRUS or ADENOVIRUSES, HUMAN or ADENOVIRUS INFECTIONS, HUMAN).kw.
35	(adenovir\$ or mastadenovir\$).tw,tx.
36	influenza\$.tw,tx,kw.
37	(ENTEROVIRUS or ENTEROVIRUS INFECTIONS).kw.
38	enterovir\$.tw,tx.
39	(RHINOVIRUS or PICORNAVIRIDAE INFECTIONS).kw.
40	rhinovir\$.tw,tx.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	ADRENAL CORTEX HORMONES.kw.
48	(cortico\$ or glucocortico\$ or steroid\$).tw,tx.
49	BUDESONIDE.kw.
50	(budesonide or budelin or pulmicort).mp.
51	BECLOMETHASONE.kw.
52	(beclomet?asone or asmabec or becodisk\$ or clenil modulite or qvar).mp.
53	BETAMETHASONE.kw.
54	(betamethasone or betnesol).mp.
55	DEXAMETHASONE.kw.
56	(dexamethasone or dexsol or martapen).mp.
57	(flunisolide or syntaris).mp.
58	(fluticasone or flixotide).mp.
59	HYDROCORTISONE.kw.
60	(hydrocortisone or efcortisol or solu cortef or solucortef or corlan).mp.
61	(mometasone or asmanex).mp.
62	PREDNISOLONE.kw.
63	(prednisolone or deltacortril or methylprednisolone or medrone or solumedrone or depomedrone).mp.
64	PREDNISON.kw.
65	(prednisone or lodotra or methylprednisone or meprednisone).mp.
66	TRIAMCINOLONE.kw.
67	(triamcinolone or kenalog or ad cortyl or nasacort).mp.
68	or/47-67
69	and/7,46,68

Database(s): EBM Reviews - Health Technology Assessment

BRONC\_corticosteroids\_RERUN1\_hta\_290514

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).tw.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).tw.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.
20	low\$ respiratory tract\$.tw.
21	(LR?I\$ or ALR?I\$).tw.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.tw.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).tw.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).tw.

36	influenza\$.tw,hw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.tw.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
40	rhinovir\$.tw.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	exp ADRENAL CORTEX HORMONES/
48	(cortico\$ or glucocortico\$ or steroid\$.tw.
49	BUDESONIDE/
50	(budesonide or budelin or pulmicort).tw,hw.
51	BECLOMETHASONE/
52	(beclomet?asone or asmabec or becodisk\$ or clenil modulite or qvar).tw,hw.
53	exp BETAMETHASONE/
54	(betamethasone or betnesol).tw,hw.
55	exp DEXAMETHASONE/
56	(dexamethasone or dexsol or martapen).tw,hw.
57	(flunisolide or syntaris).tw,hw.
58	(fluticasone or flixotide).tw,hw.
59	exp HYDROCORTISONE/
60	(hydrocortisone or efcortisol or solu cortef or solucortef or corlan).tw,hw.
61	(mometasone or asmanex).tw,hw.
62	exp PREDNISOLONE/
63	(prednisolone or deltacortril or methylprednisolone or medrone or solumedrone or depomedrone).tw,hw.
64	PREDNISONE/
65	(prednisone or lodotra or methylprednisone or meprednisone).tw,hw.
66	exp TRIAMCINOLONE/
67	(triamcinolone or kenalog or adcortyl or nasacort).tw,hw.
68	or/47-67
69	and/7,46,68

**Database(s): Embase**

**BRONC\_corticosteroids\_RERUN1\_embase\_290514**

#	Searches
---	----------

1	SYSTEMATIC REVIEW/
2	META-ANALYSIS/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	((pool* or combined) adj2 (data or trials or studies or results)).ab.
10	cochrane.jw.
11	or/1-10
12	random*.ti,ab.
13	factorial*.ti,ab.
14	(crossover* or cross over*).ti,ab.
15	((doubl* or singl*) adj blind*).ti,ab.
16	(assign* or allocat* or volunteer* or placebo*).ti,ab.
17	CROSSOVER PROCEDURE/
18	SINGLE BLIND PROCEDURE/
19	RANDOMIZED CONTROLLED TRIAL/
20	DOUBLE BLIND PROCEDURE/
21	or/12-20
22	or/11,21
23	exp CHILD/
24	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
25	exp INFANT/
26	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
27	exp PEDIATRICS/
28	p?ediatric\$.ti,ab,jx.
29	or/23-28
30	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
31	BRONCHIOLE/
32	BRONCHITIS/ or BRONCHOPNEUMONIA/
33	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
34	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
35	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
36	(respiratory sync#tial vir\$ or RSV).ti,ab.
37	or/30-36
38	RESPIRATORY TRACT DISEASE/
39	RESPIRATORY TRACT INFECTION/

40	exp LOWER RESPIRATORY TRACT INFECTION/
41	BRONCHUS DISEASE/
42	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$)).ti,ab.
43	low\$ respiratory tract\$.ti,ab.
44	(LR?!\$ or ALR?!\$).ti,ab.
45	or/38-44
46	exp ABNORMAL RESPIRATORY SOUND/
47	(crepit\$ or crackl\$ or wheez\$).ti,ab.
48	or/46-47
49	exp VIRUS INFECTION/
50	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
51	PNEUMOVIRINAE/ or PNEUMOVIRUS INFECTION/
52	pneumovir\$.ti,ab.
53	PARAMYXOVIRUS/ or PARAMYXOVIRUS INFECTION/
54	exp METAPNEUMOVIRUS/ or exp METAPNEUMOVIRUS INFECTION/
55	(paramyxovir\$ or metapneumovir\$).ti,ab.
56	ADENOVIRUS/ or ADENOVIRUS INFECTION/
57	exp MASTADENOVIRUS/ or HUMAN ADENOVIRUS INFECTION/
58	(adenovir\$ or mastadenovir\$).ti,ab.
59	influenza\$.ti,ab,hw.
60	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTION/
61	enterovir\$.ti,ab.
62	exp RHINOVIRUS/ or RHINOVIRUS INFECTION/
63	rhinovir\$.ti,ab.
64	or/49-63
65	and/45,48
66	and/45,64
67	and/48,64
68	or/65-67
69	or/37,68
70	exp CORTICOSTEROID/
71	(cortico\$ or glucocortico\$ or steroid\$).ti,ab.
72	BUDESONIDE/
73	(budesonide or budelin or pulmicort).mp.
74	BECLOMETASONE/
75	(beclomet?asone or asmabec or becodisk\$ or clenil modulite or qvar).mp.
76	BETAMETHASONE/
77	(betamethasone or betnesol).mp.
78	DEXAMETHASONE/



79	(dexamethasone or dexsol or martapen).mp.
80	FLUNISOLIDE/
81	(flunisolide or syntaris).mp.
82	FLUTICASONE/ or FLUTICASONE PROPIONATE/
83	(fluticasone or flixotide).mp.
84	HYDROCORTISONE/
85	(hydrocortisone or efcortisol or solu cortef or solucortef or corlan).mp.
86	MOMETASONE FUROATE/
87	(mometasone or asmanex).mp.
88	PREDNISOLONE/ or METHYLPREDNISOLONE/
89	(prednisolone or deltacortril or methylprednisolone or medrone or solumedrone or depomedrone).mp.
90	PREDNISONONE/ or METHYLPREDNISONONE/
91	(prednisone or lodotra or methylprednisone or meprednisone).mp.
92	TRIAMCINOLONE/ or TRIAMCINOLONE ACETONIDE/
93	(triamcinolone or kenalog or adcortyl or nasacort).mp.
94	or/70-93
95	and/29,69,94
96	limit 95 to english language
97	conference abstract.pt.
98	letter.pt. or LETTER/
99	note.pt.
100	editorial.pt.
101	CASE REPORT/ or CASE STUDY/
102	(letter or comment* or abstracts).ti.
103	or/97-102
104	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
105	103 not 104
106	ANIMAL/ not HUMAN/
107	NONHUMAN/
108	exp ANIMAL EXPERIMENT/
109	exp EXPERIMENTAL ANIMAL/
110	ANIMAL MODEL/
111	exp RODENT/
112	(rat or rats or mouse or mice).ti.
113	or/105-112
114	96 not 113
115	and/22,114

What is the efficacy of inhaled bronchodilators (adrenaline, salbutamol, irpratropium bromide)?

Database(s): Ovid MEDLINE(R)

BRONC\_bronchodilators\_RERUN1\_medline\_290514

#	Searches
1	META-ANALYSIS/
2	META-ANALYSIS AS TOPIC/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	cochrane.jw.
10	or/1-9
11	randomized controlled trial.pt.
12	controlled clinical trial.pt.
13	pragmatic clinical trial.pt.
14	randomi#ed.ab.
15	placebo.ab.
16	randomly.ab.
17	CLINICAL TRIALS AS TOPIC/
18	trial.ti.
19	or/11-18
20	or/10,19
21	exp CHILD/
22	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
23	exp INFANT/
24	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
25	exp PEDIATRICS/
26	p?ediatric\$.ti,ab,jw.
27	or/21-26
28	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
29	BRONCHIOLES/
30	bronchiol\$.ti,ab.
31	exp RESPIRATORY SYNCYTIAL VIRUSES/

32	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
33	(respiratory sync#tial vir\$ or RSV).ti,ab.
34	RESPIRATORY SOUNDS/
35	(crepit\$ or crackl\$ or wheez\$).ti,ab.
36	or/28-35
37	exp BRONCHODILATOR AGENTS/
38	(bronch\$ adj3 dilat\$).ti,ab.
39	(bronchodilat\$ or broncholyt\$).ti,ab.
40	exp ADRENERGIC AGENTS/
41	EPINEPHRINE/
42	(adrenalin\$ or epinephrin\$).mp.
43	adrenergic\$.ti,ab.
44	ALBUTEROL/
45	(salbutamol or albuterol).mp.
46	IPRATROPIUM/
47	ipratropium.mp.
48	TERBUTALINE/
49	terbutalin\$.mp.
50	or/37-49
51	and/27,36,50
52	limit 51 to english language
53	LETTER/
54	EDITORIAL/
55	NEWS/
56	exp HISTORICAL ARTICLE/
57	ANECDOTES AS TOPIC/
58	COMMENT/
59	CASE REPORT/
60	(letter or comment* or abstracts).ti.
61	or/53-60
62	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
63	61 not 62
64	ANIMALS/ not HUMANS/
65	exp ANIMALS, LABORATORY/
66	exp ANIMAL EXPERIMENTATION/
67	exp MODELS, ANIMAL/
68	exp RODENTIA/
69	(rat or rats or mouse or mice).ti.
70	or/63-69

71	52 not 70
72	and/20,71

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_bronchodilators\_RERUN1\_mip\_290514**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	bronchiol\$.ti,ab.
6	(respiratory sync#tial vir\$ or RSV).ti,ab.
7	(crepit\$ or crackl\$ or wheez\$).ti,ab.
8	or/5-7
9	(bronch\$ adj3 dilat\$).ti,ab.
10	(bronchodilat\$ or broncholyt\$).ti,ab.
11	(adrenalin\$ or epinephrin\$).mp.
12	adrenergic\$.ti,ab.
13	(salbutamol or albuterol).mp.
14	ipratropium.mp.
15	terbutalin\$.mp.
16	or/9-15
17	and/4,8,16

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_bronchodilators\_RERUN1\_ctr\_290514**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/

9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	exp RESPIRATORY SYNCYTIAL VIRUSES/
12	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
13	(respiratory sync#tial vir\$ or RSV).ti,ab.
14	RESPIRATORY SOUNDS/
15	(crepit\$ or crackl\$ or wheez\$).ti,ab.
16	or/8-15
17	exp BRONCHODILATOR AGENTS/
18	(bronch\$ adj3 dilat\$).ti,ab.
19	(bronchodilat\$ or broncholyt\$).ti,ab.
20	exp ADRENERGIC AGENTS/
21	EPINEPHRINE/
22	(adrenalin\$ or epinephrin\$).mp.
23	adrenergic\$.ti,ab.
24	ALBUTEROL/
25	(salbutamol or albuterol).mp.
26	IPRATROPIUM/
27	ipratropium.mp.
28	TERBUTALINE/
29	terbutalin\$.mp.
30	or/17-29
31	and/7,16,30

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_bronchodilators\_RERUN1\_cdsrdare\_290514**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,kw,jw,rw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,kw,jw,rw.
3	p?ediatric\$.tw,tx,kw,jw,rw.
4	or/1-3
5	bronchiol\$.tw,tx,kw.
6	(respiratory sync#tial vir\$ or RSV).tw,tx,kw.
7	RESPIRATORY SOUNDS.kw.
8	(crepit\$ or crackl\$ or wheez\$).tw,tx,kw.
9	or/5-8
10	(bronch\$ adj3 dilat\$).tw,tx,kw.

11	(bronchodilat\$ or broncholyt\$).tw,tx.
12	(adrenalin\$ or epinephrin\$).tw,tx,kw.
13	adrenergic\$.tw,tx,kw.
14	(salbutamol or albuterol).tw,tx,kw.
15	ipratropium.tw,tx,kw.
16	terbutalin\$.tw,tx,kw.
17	or/10-16
18	and/4,9,17

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_bronchodilators\_RERUN1\_hta\_290514**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.tw.
11	exp RESPIRATORY SYNCYTIAL VIRUSES/
12	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
13	(respiratory sync#tial vir\$ or RSV).tw.
14	RESPIRATORY SOUNDS/
15	(crepit\$ or crackl\$ or wheez\$).tw.
16	or/8-15
17	exp BRONCHODILATOR AGENTS/
18	(bronch\$ adj3 dilat\$).tw.
19	(bronchodilat\$ or broncholyt\$).tw.
20	exp ADRENERGIC AGENTS/
21	EPINEPHRINE/
22	(adrenalin\$ or epinephrin\$).tw.
23	adrenergic\$.tw.
24	ALBUTEROL/
25	(salbutamol or albuterol).tw.
26	IPRATROPIUM/

27	ipratropium.tw.
28	TERBUTALINE/
29	terbutalin\$.tw.
30	or/17-29
31	and/7,16,30

**Database(s): Embase**

**BRONC\_bronchodilators\_RERUN1\_embase\_290514**

#	Searches
1	SYSTEMATIC REVIEW/
2	META-ANALYSIS/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	((pool* or combined) adj2 (data or trials or studies or results)).ab.
10	cochrane.jw.
11	or/1-10
12	random*.ti,ab.
13	factorial*.ti,ab.
14	(crossover* or cross over*).ti,ab.
15	((doubl* or singl*) adj blind*).ti,ab.
16	(assign* or allocat* or volunteer* or placebo*).ti,ab.
17	CROSSOVER PROCEDURE/
18	SINGLE BLIND PROCEDURE/
19	RANDOMIZED CONTROLLED TRIAL/
20	DOUBLE BLIND PROCEDURE/
21	or/12-20
22	or/11,21
23	exp CHILD/
24	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
25	exp INFANT/
26	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
27	exp PEDIATRICS/
28	p?ediatric\$.ti,ab,jx,ec.

29	or/23-28
30	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
31	BRONCHIOLE/
32	bronchiol\$.ti,ab.
33	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
34	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
35	(respiratory sync#tial vir\$ or RSV).ti,ab.
36	exp ABNORMAL RESPIRATORY SOUND/
37	(crepit\$ or crackl\$ or wheez\$).ti,ab.
38	or/30-37
39	exp BRONCHODILATING AGENT/
40	(bronch\$ adj3 dilat\$).ti,ab.
41	(bronchodilat\$ or broncholyt\$).ti,ab.
42	exp ADRENERGIC RECEPTOR STIMULATING AGENT/
43	ADRENALIN/
44	(adrenalin\$ or epinephrin\$).mp.
45	adrenergic\$.ti,ab.
46	SALBUTAMOL/
47	(salbutamol or albuterol).mp.
48	IPRATROPIUM/
49	ipratropium.mp.
50	TERBUTALINE/ or TERBUTALINE SULFATE/
51	terbutalin\$.mp.
52	or/39-51
53	and/29,38,52
54	limit 53 to english language
55	conference abstract.pt.
56	letter.pt. or LETTER/
57	note.pt.
58	editorial.pt.
59	CASE REPORT/ or CASE STUDY/
60	(letter or comment* or abstracts).ti.
61	or/55-60
62	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
63	61 not 62
64	ANIMAL/ not HUMAN/
65	NONHUMAN/
66	exp ANIMAL EXPERIMENT/
67	exp EXPERIMENTAL ANIMAL/



68	ANIMAL MODEL/
69	exp RODENT/
70	(rat or rats or mouse or mice).ti.
71	or/63-70
72	54 not 71
73	and/22,72

## What is the efficacy of nebulised hypertonic saline?

Database(s): Ovid MEDLINE(R)

BRONC\_saline\_RERUN1\_medline\_300514

#	Searches
1	META-ANALYSIS/
2	META-ANALYSIS AS TOPIC/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	cochrane.jw.
10	or/1-9
11	randomized controlled trial.pt.
12	controlled clinical trial.pt.
13	pragmatic clinical trial.pt.
14	randomi#ed.ab.
15	placebo.ab.
16	randomly.ab.
17	CLINICAL TRIALS AS TOPIC/
18	trial.ti.
19	or/11-18
20	or/10,19
21	exp CHILD/
22	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
23	exp INFANT/
24	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
25	exp PEDIATRICS/
26	p?ediatric\$.ti,ab,jw.
27	or/21-26
28	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
29	BRONCHIOLES/
30	bronchiol\$.ti,ab.
31	BRONCHITIS/
32	BRONCHOPNEUMONIA/

33	(bronchopneumon\$ or bronchit\$).ti,ab.
34	exp RESPIRATORY SYNCYTIAL VIRUSES/
35	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
36	(respiratory sync#tial vir\$ or RSV).ti,ab.
37	RESPIRATORY TRACT DISEASES/
38	RESPIRATORY TRACT INFECTIONS/
39	BRONCHIAL DISEASES/
40	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$)).ti,ab.
41	low\$ respiratory tract\$.ti,ab.
42	(LR?I\$ or ALR?I\$).ti,ab.
43	RESPIRATORY SOUNDS/
44	(crepit\$ or crackl\$ or wheez\$).ti,ab.
45	or/28-44
46	SALINE SOLUTION, HYPERTONIC/
47	SODIUM CHLORIDE/
48	(hyperton\$ adj3 (saline or solution?)).ti,ab.
49	(saline or sodium chloride or NaCl).ti,ab.
50	or/46-49
51	and/27,45,50
52	limit 51 to english language
53	LETTER/
54	EDITORIAL/
55	NEWS/
56	exp HISTORICAL ARTICLE/
57	ANECDOTES AS TOPIC/
58	COMMENT/
59	CASE REPORT/
60	(letter or comment* or abstracts).ti.
61	or/53-60
62	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
63	61 not 62
64	ANIMALS/ not HUMANS/
65	exp ANIMALS, LABORATORY/
66	exp ANIMAL EXPERIMENTATION/
67	exp MODELS, ANIMAL/
68	exp RODENTIA/
69	(rat or rats or mouse or mice).ti.
70	or/63-69
71	52 not 70

72	and/20,71
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**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_saline\_RERUN1\_mip\_300514**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	bronchiol\$.ti,ab.
6	(bronchopneumon\$ or bronchit\$).ti,ab.
7	(respiratory sync#tial vir\$ or RSV).ti,ab.
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?!\$ or ALR?!\$).ti,ab.
11	(crepit\$ or crackl\$ or wheez\$).ti,ab.
12	or/5-11
13	(hyperton\$ adj3 (saline or solution?)).ti,ab.
14	(saline or sodium chloride or NaCl).ti,ab.
15	or/13-14
16	and/4,12,15

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_saline\_RERUN1\_ctr\_300514**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/

13	(bronchopneumon\$ or bronchit\$).ti,ab.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).ti,ab.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?I\$ or ALR?I\$).ti,ab.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/8-24
26	SALINE SOLUTION, HYPERTONIC/
27	SODIUM CHLORIDE/
28	(hyperton\$ adj3 (saline or solution?)).ti,ab.
29	(saline or sodium chloride or NaCl).ti,ab.
30	or/26-29
31	and/7,25,30

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_saline\_RERUN1\_cdsrdare\_300514**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,kw,jw,rw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,kw,jw,rw.
3	p?ediatric\$.tw,tx,kw,jw,rw.
4	or/1-3
5	bronchiol\$.tw,tx,kw.
6	(bronchopneumon\$ or bronchit\$).tw,tx,kw.
7	(respiratory sync#tial vir\$ or RSV).tw,tx,kw.
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$)).tw,tx,kw.
9	low\$ respiratory tract\$.tw,tx.
10	(LR?I\$ or ALR?I\$).tw,tx.
11	RESPIRATORY SOUND?.kw.
12	(crepit\$ or crackl\$ or wheez\$).tw,tx.
13	or/5-12
14	(hyperton\$ adj3 (saline or solution?)).tw,tx,kw.
15	(saline or sodium chloride or NaCl).tw,tx,kw.

16	or/14-15
17	and/4,13,16

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_saline\_RERUN1\_hta\_300514**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.tw.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).tw.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).tw.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$)).tw.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?!\$ or ALR?!\$).tw.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/8-24
26	SALINE SOLUTION, HYPERTONIC/
27	SODIUM CHLORIDE/
28	(hyperton\$ adj3 (saline or solution?)).tw.
29	(saline or sodium chloride or NaCl).tw.
30	or/26-29
31	and/7,25,30

Database(s): Embase

BRONC\_saline\_RERUN1\_embase\_300514

#	Searches
1	SYSTEMATIC REVIEW/
2	META-ANALYSIS/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	((pool* or combined) adj2 (data or trials or studies or results)).ab.
10	cochrane.jw.
11	or/1-10
12	random*.ti,ab.
13	factorial*.ti,ab.
14	(crossover* or cross over*).ti,ab.
15	((doubl* or singl*) adj blind*).ti,ab.
16	(assign* or allocat* or volunteer* or placebo*).ti,ab.
17	CROSSOVER PROCEDURE/
18	SINGLE BLIND PROCEDURE/
19	RANDOMIZED CONTROLLED TRIAL/
20	DOUBLE BLIND PROCEDURE/
21	or/12-20
22	or/11,21
23	exp CHILD/
24	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
25	exp INFANT/
26	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
27	exp PEDIATRICS/
28	p?ediatric\$.ti,ab,jx,ec.
29	or/23-28
30	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
31	BRONCHIOLE/
32	bronchiol\$.ti,ab.
33	BRONCHITIS/
34	BRONCHOPNEUMONIA/

35	(bronchopneumon\$ or bronchit\$).ti,ab.
36	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
37	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
38	(respiratory sync#tial vir\$ or RSV).ti,ab.
39	RESPIRATORY TRACT DISEASE/ or ACUTE RESPIRATORY TRACT DISEASE/
40	RESPIRATORY TRACT INFECTION/
41	exp LOWER RESPIRATORY TRACT INFECTION/
42	BRONCHUS DISEASE/
43	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$)).ti,ab.
44	low\$ respiratory tract\$.ti,ab.
45	(LR?I\$ or ALR?I\$).ti,ab.
46	exp ABNORMAL RESPIRATORY SOUND/
47	(crepit\$ or crackl\$ or wheez\$).ti,ab.
48	or/30-47
49	HYPERTONIC SOLUTION/
50	SODIUM CHLORIDE/
51	(hyperton\$ adj3 (saline or solution?)).ti,ab.
52	(saline or sodium chloride or NaCl).ti,ab.
53	or/49-52
54	and/29,48,53
55	limit 54 to english language
56	conference abstract.pt.
57	letter.pt. or LETTER/
58	note.pt.
59	editorial.pt.
60	CASE REPORT/ or CASE STUDY/
61	(letter or comment* or abstracts).ti.
62	or/56-61
63	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
64	62 not 63
65	ANIMAL/ not HUMAN/
66	NONHUMAN/
67	exp ANIMAL EXPERIMENT/
68	exp EXPERIMENTAL ANIMAL/
69	ANIMAL MODEL/
70	exp RODENT/
71	(rat or rats or mouse or mice).ti.
72	or/64-71
73	55 not 72





## What is the efficacy of heliox?

Database(s): Ovid MEDLINE(R)

BRONC\_heliox\_RERUN1\_medline\_270514

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).ti,ab.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).ti,ab.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?I\$ or ALR?I\$).ti,ab.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/8-24
26	HELIUM/
27	(helium\$ or heliox\$).ti,ab,nm.
28	(He O2 or HeO2 or Hx).ti,ab.
29	or/26-28
30	and/7,25,29
31	limit 30 to english language
32	LETTER/
33	EDITORIAL/

34	NEWS/
35	exp HISTORICAL ARTICLE/
36	ANECDOTES AS TOPIC/
37	COMMENT/
38	CASE REPORT/
39	(letter or comment* or abstracts).ti.
40	or/32-39
41	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
42	40 not 41
43	ANIMALS/ not HUMANS/
44	exp ANIMALS, LABORATORY/
45	exp ANIMAL EXPERIMENTATION/
46	exp MODELS, ANIMAL/
47	exp RODENTIA/
48	(rat or rats or mouse or mice).ti.
49	or/42-48
50	31 not 49

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_heliox\_RERUN1\_mip\_270514**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	bronchiol\$.ti,ab.
6	(bronchopneumon\$ or bronchit\$).ti,ab.
7	(respiratory sync#tial vir\$ or RSV).ti,ab.
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?I\$ or ALR?I\$).ti,ab.
11	(crepit\$ or crackl\$ or wheez\$).ti,ab.
12	or/5-11
13	(helium\$ or heliox\$).ti,ab.
14	(He O2 or HeO2 or Hx).ti,ab.
15	or/13-14
16	and/4,12,15

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_heliox\_RERUN1\_cctr\_270514**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	exp BRONCHIOLITIS/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).ti,ab.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).ti,ab.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?I\$ or ALR?I\$).ti,ab.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/8-24
26	HELIUM/
27	(helium\$ or heliox\$).ti,ab,nm.
28	(He O2 or HeO2 or Hx).ti,ab.
29	or/26-28
30	and/7,25,29

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_heliox\_RERUN1\_cdsrdare\_270514**

#	Searches
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1	CHILD.kw.
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,kw,jw,rw.
3	INFANT.kw.
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,kw,jw,rw.
5	PEDIATRICS.kw.
6	p?ediatric\$.tw,tx,kw,jw,rw.
7	or/1-6
8	BRONCHIOLITIS.kw.
9	BRONCHIOLES.kw.
10	bronchiol\$.tw,tx,kw.
11	BRONCHITIS.kw.
12	BRONCHOPNEUMONIA.kw.
13	(bronchopneumon\$ or bronchit\$).tw,tx,kw.
14	RESPIRATORY SYNCYTIAL VIRUSES.kw.
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS.kw.
16	(respiratory sync#tial vir\$ or RSV).tw,tx,kw.
17	RESPIRATORY TRACT DISEASES.kw.
18	RESPIRATORY TRACT INFECTIONS.kw.
19	BRONCHIAL DISEASES.kw.
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw,tx,kw.
21	low\$ respiratory tract\$.tw,tx,kw.
22	(LR?I\$ or ALR?I\$).tw,tx,kw.
23	RESPIRATORY SOUNDS.kw.
24	(crepit\$ or crackl\$ or wheez\$).tw,tx,kw.
25	or/8-24
26	HELIUM.kw.
27	(helium\$ or heliox\$).tw,tx,kw.
28	(He O2 or HeO2 or Hx).tw,tx,kw.
29	or/26-28
30	and/7,25,29

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_heliox\_RERUN1\_hta\_270514**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.

5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	exp BRONCHIOLITIS/
9	BRONCHIOLES/
10	bronchiol\$.tw.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).tw.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).tw.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.
21	low\$ respiratory tract\$.tw.
22	(LR?!\$ or ALR?!\$).tw.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/8-24
26	HELIUM/
27	(helium\$ or heliox\$).tw.
28	(He O2 or HeO2 or Hx).tw.
29	or/26-28
30	and/7,25,29

**Database(s): Embase**

**BRONC\_heliox\_RERUN1\_embase\_270514**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jx,ec.
7	or/1-6
8	exp BRONCHIOLITIS/

9	BRONCHIOLE/
10	bronchiol\$.ti,ab.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).ti,ab.
14	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
16	(respiratory sync#tial vir\$ or RSV).ti,ab.
17	RESPIRATORY TRACT DISEASE/
18	RESPIRATORY TRACT INFECTION/
19	exp LOWER RESPIRATORY TRACT INFECTION/
20	BRONCHUS DISEASE/
21	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
22	low\$ respiratory tract\$.ti,ab.
23	(LR?!\$ or ALR?!\$).ti,ab.
24	exp ABNORMAL RESPIRATORY SOUND/
25	(crepit\$ or crackl\$ or wheez\$).ti,ab.
26	or/8-25
27	HELIUM/
28	(helium\$ or heliox\$).ti,ab.
29	(He O2 or HeO2 or Hx).ti,ab.
30	or/27-29
31	and/7,26,30
32	limit 31 to english language
33	conference abstract.pt.
34	letter.pt. or LETTER/
35	note.pt.
36	editorial.pt.
37	CASE REPORT/ or CASE STUDY/
38	(letter or comment* or abstracts).ti.
39	or/33-38
40	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
41	39 not 40
42	ANIMAL/ not HUMAN/
43	NONHUMAN/
44	exp ANIMAL EXPERIMENT/
45	exp EXPERIMENTAL ANIMAL/
46	ANIMAL MODEL/
47	exp RODENT/

48	(rat or rats or mouse or mice).ti.
49	or/41-48
50	32 not 49



## What is the efficacy of Montelukast?

Database(s): Ovid MEDLINE(R)

BRONC\_montelukast\_RERUN1\_medline\_170614

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).ti,ab.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).ti,ab.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?!\$ or ALR?!\$).ti,ab.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/8-24
26	LEUKOTRIENE ANTAGONISTS/
27	(leu#otriene\$ or antileu#otriene\$ or LTRA).ti,ab.
28	(montelukast or singulair).ti,ab,rn.
29	or/26-28
30	and/7,25,29
31	limit 30 to english language
32	LETTER/
33	EDITORIAL/

34	NEWS/
35	exp HISTORICAL ARTICLE/
36	ANECDOTES AS TOPIC/
37	COMMENT/
38	CASE REPORT/
39	(letter or comment* or abstracts).ti.
40	or/32-39
41	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
42	40 not 41
43	ANIMALS/ not HUMANS/
44	exp ANIMALS, LABORATORY/
45	exp ANIMAL EXPERIMENTATION/
46	exp MODELS, ANIMAL/
47	exp RODENTIA/
48	(rat or rats or mouse or mice).ti.
49	or/42-48
50	31 not 49

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_montelukast\_RERUN1\_mip\_170614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	bronchiol\$.ti,ab.
6	(bronchopneumon\$ or bronchit\$).ti,ab.
7	(respiratory sync#tial vir\$ or RSV).ti,ab.
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?I\$ or ALR?I\$).ti,ab.
11	(crepit\$ or crackl\$ or wheez\$).ti,ab.
12	or/5-11
13	(leu#otriene\$ or antileu#otriene\$ or LTRA).ti,ab.
14	(montelukast or singulair).ti,ab,rn.
15	or/13-14
16	and/4,12,15
17	limit 16 to english language

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials

BRONC\_montelukast\_RERUN1\_cctr\_170614

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).ti,ab.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).ti,ab.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?I\$ or ALR?I\$).ti,ab.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/8-24
26	LEUKOTRIENE ANTAGONISTS/
27	(leu#otriene\$ or antileu#otriene\$ or LTRA).ti,ab.
28	(montelukast or singulair).ti,ab,rn.
29	or/26-28
30	and/7,25,29

Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects

BRONC\_montelukast\_RERUN1\_cdsrdare\_170614

#	Searches
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1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,kw,jw,rw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,kw,jw,rw.
3	p?ediatric\$.tw,tx,kw,jw,rw.
4	or/1-3
5	bronchiol\$.tw,tx,kw.
6	(bronchopneumon\$ or bronchit\$).tw,tx,kw.
7	(respiratory sync#tial vir\$ or RSV).tw,tx,kw.
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw,tx,kw.
9	low\$ respiratory tract\$.tw,tx.
10	(LR?I\$ or ALR?I\$).tw,tx.
11	RESPIRATORY SOUND\$.kw.
12	(crepit\$ or crackl\$ or wheez\$).tw,tx,kw.
13	or/5-12
14	(leu#otriene\$ or antileu#otriene\$ or LTRA).tw,tx,kw.
15	(montelukast or singulair).tw,tx,kw.
16	or/14-15
17	and/4,13,16

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_montelukast\_RERUN1\_hta\_170614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.tw.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).tw.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).tw.
17	RESPIRATORY TRACT DISEASES/

18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.
21	low\$ respiratory tract\$.tw.
22	(LR?I\$ or ALR?I\$).tw.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/8-24
26	LEUKOTRIENE ANTAGONISTS/
27	(leu#otriene\$ or antileu#otriene\$ or LTRA).tw.
28	(montelukast or singulair).tw.
29	or/26-28
30	and/7,25,29

**Database(s): Embase**

**BRONC\_montelukast\_RERUN1\_embase\_170614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jx,ec.
7	or/1-6
8	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
9	BRONCHIOLE/
10	bronchiol\$.ti,ab.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).ti,ab.
14	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
16	(respiratory sync#tial vir\$ or RSV).ti,ab.
17	RESPIRATORY TRACT DISEASE/
18	RESPIRATORY TRACT INFECTION/
19	exp LOWER RESPIRATORY TRACT INFECTION/
20	BRONCHUS DISEASE/
21	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.

22	low\$ respiratory tract\$.ti,ab.
23	(LR?I\$ or ALR?I\$).ti,ab.
24	exp ABNORMAL RESPIRATORY SOUND/
25	(crepit\$ or crackl\$ or wheez\$).ti,ab.
26	or/8-25
27	MONTELUKAST/
28	(leu#otriene\$ or antileu#otriene\$ or LTRA).ti,ab.
29	(montelukast or singulair).ti,ab,rn.
30	or/27-29
31	and/7,26,30
32	limit 31 to english language
33	conference abstract.pt.
34	letter.pt. or LETTER/
35	note.pt.
36	editorial.pt.
37	CASE REPORT/ or CASE STUDY/
38	(letter or comment* or abstracts).ti.
39	or/33-38
40	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
41	39 not 40
42	ANIMAL/ not HUMAN/
43	NONHUMAN/
44	exp ANIMAL EXPERIMENT/
45	exp EXPERIMENTAL ANIMAL/
46	ANIMAL MODEL/
47	exp RODENT/
48	(rat or rats or mouse or mice).ti.
49	or/41-48
50	32 not 49

## What is the efficacy of oxygen supplementation (non-humidified, humidified and high-flow) and of CPAP?

Database(s): Ovid MEDLINE(R)

BRONC\_O2\_supplementation\_RERUN1\_medline\_130614

#	Searches
1	META-ANALYSIS/
2	META-ANALYSIS AS TOPIC/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	cochrane.jw.
10	or/1-9
11	randomized controlled trial.pt.
12	controlled clinical trial.pt.
13	pragmatic clinical trial.pt.
14	randomi#ed.ab.
15	placebo.ab.
16	randomly.ab.
17	CLINICAL TRIALS AS TOPIC/
18	trial.ti.
19	or/11-18
20	or/10,19
21	exp CHILD/
22	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
23	exp INFANT/
24	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
25	exp PEDIATRICS/
26	p?ediatric\$.ti,ab,jw.
27	or/21-26
28	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
29	BRONCHIOLES/
30	bronchiol\$.ti,ab.
31	BRONCHITIS/

32	BRONCHOPNEUMONIA/
33	(bronchopneumon\$ or bronchit\$).ti,ab.
34	exp RESPIRATORY SYNCYTIAL VIRUSES/
35	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
36	(respiratory sync#tial vir\$ or RSV).ti,ab.
37	RESPIRATORY TRACT DISEASES/
38	RESPIRATORY TRACT INFECTIONS/
39	BRONCHIAL DISEASES/
40	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
41	low\$ respiratory tract\$.ti,ab.
42	(LR?I\$ or ALR?I\$).ti,ab.
43	RESPIRATORY SOUNDS/
44	(crepit\$ or crackl\$ or wheez\$).ti,ab.
45	or/28-44
46	OXYGEN INHALATION THERAPY/
47	exp POSITIVE-PRESSURE RESPIRATION/
48	OXYGEN/
49	((oxygen\$ or O2) adj3 (therap\$ or supplement\$ or humidif\$ or unhumidif\$ or high flow or insufflat\$ or inhal\$)).ti,ab.
50	high flow nasal cannul\$.ti,ab.
51	(CPAP or nCPAP or nmCPAP or npCPAP or n-CPAP or nm-CPAP or np-CPAP or PEEP or IMV or PPV or HFNC).ti,ab.
52	(positive adj3 pressure adj3 (ventilat\$ or respirat\$ or breath\$ or airway?)).ti,ab.
53	(airway pressure release adj3 (ventilat\$ or respirat\$ or breath\$)).ti,ab.
54	positive end expiratory pressur\$.ti,ab.
55	continuous distend\$ pressur\$.ti,ab.
56	(intermittent adj3 (ventilat\$ or respirat\$ or breath\$)).ti,ab.
57	or/46-56
58	and/27,45,57
59	limit 58 to english language
60	LETTER/
61	EDITORIAL/
62	NEWS/
63	exp HISTORICAL ARTICLE/
64	ANECDOTES AS TOPIC/
65	COMMENT/
66	CASE REPORT/
67	(letter or comment* or abstracts).ti.
68	or/60-67
69	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.



70	68 not 69
71	ANIMALS/ not HUMANS/
72	exp ANIMALS, LABORATORY/
73	exp ANIMAL EXPERIMENTATION/
74	exp MODELS, ANIMAL/
75	exp RODENTIA/
76	(rat or rats or mouse or mice).ti.
77	or/70-76
78	59 not 77
79	and/20,78

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_O2\_supplementation\_RERUN1\_mip\_130614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3
5	bronchiol\$.ti,ab.
6	(bronchopneumon\$ or bronchit\$).ti,ab.
7	(respiratory sync#tial vir\$ or RSV).ti,ab.
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?!\$ or ALR?!\$).ti,ab.
11	(crepit\$ or crackl\$ or wheez\$).ti,ab.
12	or/5-11
13	((oxygen\$ or O2) adj3 (therap\$ or supplement\$ or humidif\$ or unhumidif\$ or high flow or insufflat\$ or inhal\$)).ti,ab.
14	high flow nasal cannul\$.ti,ab.
15	(CPAP or nCPAP or nmCPAP or npCPAP or n-CPAP or nm-CPAP or np-CPAP or PEEP or IMV or PPV or HFNC).ti,ab.
16	(positive adj3 pressure adj3 (ventilat\$ or respirat\$ or breath\$ or airway?)).ti,ab.
17	(airway pressure release adj3 (ventilat\$ or respirat\$ or breath\$)).ti,ab.
18	positive end expiratory pressur\$.ti,ab.
19	continuous distend\$ pressur\$.ti,ab.
20	(intermittent adj3 (ventilat\$ or respirat\$ or breath\$)).ti,ab.
21	or/13-20
22	and/4,12,21

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials

BRONC\_O2\_supplementation\_RERUN1\_ctr\_130614

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).ti,ab.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).ti,ab.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?I\$ or ALR?I\$).ti,ab.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/8-24
26	OXYGEN INHALATION THERAPY/
27	exp POSITIVE-PRESSURE RESPIRATION/
28	OXYGEN/
29	((oxygen\$ or O2) adj3 (therap\$ or supplement\$ or humidif\$ or unhumidif\$ or high flow or insufflat\$ or inhal\$)).ti,ab.
30	high flow nasal cannul\$.ti,ab.
31	(CPAP or nCPAP or nmCPAP or npCPAP or n-CPAP or nm-CPAP or np-CPAP or PEEP or IMV or PPV or HFNC).ti,ab.
32	(positive adj3 pressure adj3 (ventilat\$ or respirat\$ or breath\$ or airway?)).ti,ab.
33	(airway pressure release adj3 (ventilat\$ or respirat\$ or breath\$)).ti,ab.
34	positive end expiratory pressur\$.ti,ab.

35	continuous distend\$ pressur\$.ti,ab.
36	(intermittent adj3 (ventilat\$ or respirat\$ or breath\$)).ti,ab.
37	or/26-36
38	and/7,25,37

Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects

BRONC\_O2\_supplementation\_RERUN1\_cdsrdare\_130614

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,kw,jw,rw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,kw,jw,rw.
3	p?ediatric\$.tw,tx,kw,jw,rw.
4	or/1-3
5	bronchiol\$.tw,tx,kw.
6	(bronchopneumon\$ or bronchit\$).tw,tx,kw.
7	(respiratory sync#tial vir\$ or RSV).tw,tx,kw.
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw,tx,kw.
9	low\$ respiratory tract\$.tw,tx.
10	(LR?I\$ or ALR?I\$).tw,tx.
11	(crepit\$ or crackl\$ or wheez\$).tw,tx,kw.
12	or/5-11
13	OXYGEN.kw.
14	PRESSURE SUPPORT VENTILATION.kw.
15	((oxygen\$ or O2) adj3 (therap\$ or supplement\$ or humidif\$ or unhumidif\$ or high flow or insufflat\$ or inhal\$)).tw,tx,kw.
16	high flow nasal cannul\$.tw,tx.
17	(CPAP or nCPAP or nmCPAP or npCPAP or n-CPAP or nm-CPAP or np-CPAP or PEEP or IMV or PPV or HFNC).tw,tx.
18	(positive adj3 pressure adj3 (ventilat\$ or respirat\$ or breath\$ or airway?)).tw,tx,kw.
19	(airway pressure release adj3 (ventilat\$ or respirat\$ or breath\$)).tw,tx.
20	positive end expiratory pressure.tw,tx,kw.
21	continuous distend\$ pressur\$.tw,tx.
22	(intermittent adj3 (ventilat\$ or respirat\$ or breath\$)).tw,tx,kw.
23	or/13-22
24	and/4,12,23

Database(s): EBM Reviews - Health Technology Assessment

BRONC\_O2\_supplementation\_RERUN1\_hta\_130614

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.tw.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).tw.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).tw.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.
21	low\$ respiratory tract\$.tw.
22	(LR?I\$ or ALR?I\$).tw.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/8-24
26	OXYGEN INHALATION THERAPY/
27	exp POSITIVE-PRESSURE RESPIRATION/
28	OXYGEN/
29	((oxygen\$ or O2) adj3 (therap\$ or supplement\$ or humidif\$ or unhumidif\$ or high flow or insufflat\$ or inhal\$)).tw.
30	high flow nasal cannul\$.tw.
31	(CPAP or nCPAP or nmCPAP or npCPAP or n-CPAP or nm-CPAP or np-CPAP or PEEP or IMV or PPV or HFNC).tw.
32	(positive adj3 pressure adj3 (ventilat\$ or respirat\$ or breath\$ or airway?)).tw.
33	(airway pressure release adj3 (ventilat\$ or respirat\$ or breath\$)).tw.
34	positive end expiratory pressur\$.tw.
35	continuous distend\$ pressur\$.tw.
36	(intermittent adj3 (ventilat\$ or respirat\$ or breath\$)).tw.
37	or/26-36

38	and/7,25,37
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**Database(s): Embase**

**BRONC\_O2\_supplementation\_RERUN1\_embase\_130614**

#	Searches
1	SYSTEMATIC REVIEW/
2	META-ANALYSIS/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	((pool* or combined) adj2 (data or trials or studies or results)).ab.
10	cochrane.jw.
11	or/1-10
12	random*.ti,ab.
13	factorial*.ti,ab.
14	(crossover* or cross over*).ti,ab.
15	((doubl* or singl*) adj blind*).ti,ab.
16	(assign* or allocat* or volunteer* or placebo*).ti,ab.
17	CROSSOVER PROCEDURE/
18	SINGLE BLIND PROCEDURE/
19	RANDOMIZED CONTROLLED TRIAL/
20	DOUBLE BLIND PROCEDURE/
21	or/12-20
22	or/11,21
23	exp CHILD/
24	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
25	exp INFANT/
26	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
27	exp PEDIATRICS/
28	p?ediatric\$.ti,ab,jx,ec.
29	or/23-28
30	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
31	BRONCHIOLE/
32	bronchiol\$.ti,ab.
33	BRONCHITIS/

34	BRONCHOPNEUMONIA/
35	(bronchopneumon\$ or bronchit\$).ti,ab.
36	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
37	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
38	(respiratory sync#tial vir\$ or RSV).ti,ab.
39	RESPIRATORY TRACT DISEASE/
40	RESPIRATORY TRACT INFECTION/
41	exp LOWER RESPIRATORY TRACT INFECTION/
42	BRONCHUS DISEASE/
43	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
44	low\$ respiratory tract\$.ti,ab.
45	(LR?I\$ or ALR?I\$).ti,ab.
46	exp ABNORMAL RESPIRATORY SOUND/
47	(crepit\$ or crackl\$ or wheez\$).ti,ab.
48	or/30-47
49	OXYGEN THERAPY/
50	OXYGEN BREATHING/
51	OXYGEN/
52	INTERMITTENT MANDATORY VENTILATION/
53	INTERMITTENT POSITIVE PRESSURE VENTILATION/
54	POSITIVE END EXPIRATORY PRESSURE/
55	PRESSURE SUPPORT VENTILATION/
56	((oxygen\$ or O2) adj3 (therap\$ or supplement\$ or humidif\$ or unhumidif\$ or high flow or insufflat\$ or inhal\$)).ti,ab.
57	high flow nasal cannul\$.ti,ab.
58	(CPAP or nCPAP or nmCPAP or npCPAP or n-CPAP or nm-CPAP or np-CPAP or PEEP or IMV or PPV or HFNC).ti,ab.
59	(positive adj3 pressure adj3 (ventilat\$ or respirat\$ or breath\$ or airway?)).ti,ab.
60	(airway pressure release adj3 (ventilat\$ or respirat\$ or breath\$)).ti,ab.
61	positive end expiratory pressure.ti,ab.
62	continuous distend\$ pressur\$.ti,ab.
63	(intermittent adj3 (ventilat\$ or respirat\$ or breath\$)).ti,ab.
64	or/49-63
65	and/29,48,64
66	limit 65 to english language
67	conference abstract.pt.
68	letter.pt. or LETTER/
69	note.pt.
70	editorial.pt.
71	CASE REPORT/ or CASE STUDY/

72	(letter or comment* or abstracts).ti.
73	or/67-72
74	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
75	73 not 74
76	ANIMAL/ not HUMAN/
77	NONHUMAN/
78	exp ANIMAL EXPERIMENT/
79	exp EXPERIMENTAL ANIMAL/
80	ANIMAL MODEL/
81	exp RODENT/
82	(rat or rats or mouse or mice).ti.
83	or/75-82
84	66 not 83
85	and/22,84

## What is the efficacy of suction to remove secretions from the upper respiratory tract?

Database(s): Ovid MEDLINE(R)

BRONC\_suction\_RERUN1\_medline\_170614

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).ti,ab.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).ti,ab.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?!\$ or ALR?!\$).ti,ab.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/8-24
26	SUCTION/
27	DRAINAGE/
28	exp NOSE/
29	exp PHARYNX/
30	exp MOUTH/
31	NASAL OBSTRUCTION/
32	SPUTUM/



33	MUCUS/
34	or/28-33
35	and/27,34
36	((suction\$ or aspiration or aspirator? or drain\$) adj3 (nose? or nasal\$ or nostril? or nare? or rhino\$ or nasopharynx\$ or epipharynx\$ or oropharynx\$ or hypopharynx\$ or laryngopharynx\$ or pharynx\$ or larynx\$ or trache\$ or mouth? or oral\$ or airway? or respiratory tract? or sputum or sputa or muc?us or secretion? or rhinorrh?ea)).ti,ab.
37	((suction\$ or aspirat\$ or drain\$) adj3 (bulb? or device? or mechanical\$ or manual\$ or catheter\$ or pump?)).ti,ab.
38	or/26,35-37
39	and/7,25,38
40	limit 39 to english language
41	LETTER/
42	EDITORIAL/
43	NEWS/
44	exp HISTORICAL ARTICLE/
45	ANECDOTES AS TOPIC/
46	COMMENT/
47	CASE REPORT/
48	(letter or comment* or abstracts).ti.
49	or/41-48
50	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
51	49 not 50
52	ANIMALS/ not HUMANS/
53	exp ANIMALS, LABORATORY/
54	exp ANIMAL EXPERIMENTATION/
55	exp MODELS, ANIMAL/
56	exp RODENTIA/
57	(rat or rats or mouse or mice).ti.
58	or/51-57
59	40 not 58

**Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations**

**BRONC\_suction\_RERUN1\_mip\_170614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	p?ediatric\$.ti,ab,jw.
4	or/1-3

5	bronchiol\$.ti,ab.
6	(bronchopneumon\$ or bronchit\$).ti,ab.
7	(respiratory sync#tial vir\$ or RSV).ti,ab.
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
9	low\$ respiratory tract\$.ti,ab.
10	(LR?!\$ or ALR?!\$).ti,ab.
11	(crepit\$ or crackl\$ or wheez\$).ti,ab.
12	or/5-11
13	((suction\$ or aspiration or aspirator? or drain\$) adj3 (nose? or nasal\$ or nostril? or nare? or rhino\$ or nasopharynx\$ or epipharynx\$ or oropharynx\$ or hypopharynx\$ or laryngopharynx\$ or pharynx\$ or larynx\$ or trache\$ or mouth? or oral\$ or airway? or respiratory tract? or sputum or sputa or muc?us or secretion? or rhinorrh?ea)).ti,ab.
14	((suction\$ or aspirat\$ or drain\$) adj3 (bulb? or device? or mechanical\$ or manual\$ or catheter\$ or pump?)).ti,ab.
15	or/13-14
16	and/4,12,15

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials

BRONC\_suction\_RERUN1\_ctr\_170614

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.ti,ab.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).ti,ab.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).ti,ab.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/

20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
21	low\$ respiratory tract\$.ti,ab.
22	(LR?I\$ or ALR?I\$).ti,ab.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).ti,ab.
25	or/8-24
26	SUCTION/
27	DRAINAGE/
28	exp NOSE/
29	exp PHARYNX/
30	exp MOUTH/
31	NASAL OBSTRUCTION/
32	SPUTUM/
33	MUCUS/
34	or/28-33
35	and/27,34
36	((suction\$ or aspiration or aspirator? or drain\$) adj3 (nose? or nasal\$ or nostril? or nare? or rhino\$ or nasopharynx\$ or epipharynx\$ or oropharynx\$ or hypopharynx\$ or laryngopharynx\$ or pharynx\$ or larynx\$ or trache\$ or mouth? or oral\$ or airway? or respiratory tract? or sputum or sputa or muc?us or secretion? or rhinorrh?ea)).ti,ab.
37	((suction\$ or aspirat\$ or drain\$) adj3 (bulb? or device? or mechanical\$ or manual\$ or catheter\$ or pump?)).ti,ab.
38	or/26,35-37
39	and/7,25,38

**Database(s): EBM Reviews - Cochrane Database of Systematic Reviews, EBM Reviews - Database of Abstracts of Reviews of Effects**

**BRONC\_suction\_RERUN1\_cdsrdare\_170614**

#	Searches
1	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx,kw,jw,rw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx,kw,jw,rw.
3	p?ediatric\$.tw,tx,kw,jw,rw.
4	or/1-3
5	bronchiol\$.tw,tx,kw.
6	(bronchopneumon\$ or bronchit\$).tw,tx,kw.
7	(respiratory sync#tial vir\$ or RSV).tw,tx,kw.
8	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw,tx,kw.
9	low\$ respiratory tract\$.tw,tx.
10	(LR?I\$ or ALR?I\$).tw,tx.
11	RESPIRATORY SOUND\$.kw.

12	(crepit\$ or crackl\$ or wheez\$).tw,tx,kw.
13	or/5-12
14	SUCTION.kw.
15	((suction\$ or aspiration or aspirator? or drain\$) adj3 (nose? or nasal\$ or nostril? or nare? or rhino\$ or nasopharyn\$ or epipharyn\$ or oropharyn\$ or hypopharyn\$ or laryngopharyn\$ or pharyn\$ or laryn\$ or trache\$ or mouth? or oral\$ or airway? or respiratory tract? or sputum or sputa or muc?us or secretion? or rhinorrh?ea)).tw,tx,kw.
16	((suction\$ or aspirat\$ or drain\$) adj3 (bulb? or device? or mechanical\$ or manual\$ or catheter\$ or pump?)).tw,tx,kw.
17	or/14-16
18	and/4,13,17

**Database(s): EBM Reviews - Health Technology Assessment**

**BRONC\_suction\_RERUN1\_hta\_170614**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,jx,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	bronchiol\$.tw.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).tw.
14	exp RESPIRATORY SYNCYTIAL VIRUSES/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
16	(respiratory sync#tial vir\$ or RSV).tw.
17	RESPIRATORY TRACT DISEASES/
18	RESPIRATORY TRACT INFECTIONS/
19	BRONCHIAL DISEASES/
20	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.
21	low\$ respiratory tract\$.tw.
22	(LR?!\$ or ALR?!\$).tw.
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.

25	or/8-24
26	SUCTION/
27	DRAINAGE/
28	(suction\$ or aspiration or aspirator? or drain\$).tw.
29	or/26-28
30	and/7,25,29

**Database(s): Embase**

**BRONC\_suction\_RERUN2\_embase\_130814**

#	Searches
1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	exp PEDIATRICS/
6	p?ediatric\$.ti,ab,jx,ec.
7	or/1-6
8	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
9	BRONCHIOLE/
10	bronchiol\$.ti,ab.
11	BRONCHITIS/
12	BRONCHOPNEUMONIA/
13	(bronchopneumon\$ or bronchit\$).ti,ab.
14	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
15	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
16	(respiratory sync#tial vir\$ or RSV).ti,ab.
17	RESPIRATORY TRACT DISEASE/ or ACUTE RESPIRATORY TRACT DISEASE/
18	RESPIRATORY TRACT INFECTION/
19	exp LOWER RESPIRATORY TRACT INFECTION/
20	BRONCHUS DISEASE/
21	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
22	low\$ respiratory tract\$.ti,ab.
23	(LR?I\$ or ALR?I\$).ti,ab.
24	exp ABNORMAL RESPIRATORY SOUND/
25	(crepit\$ or crackl\$ or wheez\$).ti,ab.
26	or/8-25
27	SUCTION/
28	SUCTION DRAINAGE/

29	exp AIRWAY SUCTION DEVICE/
30	ASPIRATION/
31	exp NOSE/
32	exp PHARYNX/
33	exp MOUTH/
34	NOSE OBSTRUCTION/
35	SPUTUM/
36	MUCUS/ or BRONCHUS MUCUS/ or NOSE MUCUS/ or TRACHEA MUCUS/
37	NOSE SECRETION/
38	RHINORRHEA/
39	or/31-38
40	and/30,39
41	((suction\$ or aspiration or aspirator? or drain\$) adj3 (nose? or nasal\$ or nostril? or nare? or rhino\$ or nasopharynx\$ or epipharynx\$ or oropharynx\$ or hypopharynx\$ or laryngopharynx\$ or pharynx\$ or larynx\$ or trache\$ or mouth? or oral\$ or airway? or respiratory tract? or sputum or sputa or muc?us or secretion? or rhinorrh?ea)).ti,ab.
42	((suction\$ or aspirat\$ or drain\$) adj3 (bulb? or device? or mechanical\$ or manual\$ or catheter\$ or pump?)).ti,ab.
43	or/27-29,40-42
44	and/7,26,43
45	limit 44 to english language
46	conference abstract.pt.
47	letter.pt. or LETTER/
48	note.pt.
49	editorial.pt.
50	CASE REPORT/ or CASE STUDY/
51	(letter or comment* or abstracts).ti.
52	or/46-51
53	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
54	52 not 53
55	ANIMAL/ not HUMAN/
56	NONHUMAN/
57	exp ANIMAL EXPERIMENT/
58	exp EXPERIMENTAL ANIMAL/
59	ANIMAL MODEL/
60	exp RODENT/
61	(rat or rats or mouse or mice).ti.
62	or/54-61
63	45 not 62

Database(s): CINAHL with Full Text

**BRONC\_suction\_RERUN1\_cinahl\_170614**

#	Query
S29	S5 AND S25 AND S28
S28	S26 OR S27
S27	TI (suction* or aspiration or aspirator? or drain*) or AB (suction* or aspiration or aspirator? or drain*)
S26	(MH "Suction+") OR (MH "Drainage+")
S25	S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24
S24	TI (crepit* or crackl* or wheez*) or AB (crepit* or crackl* or wheez*)
S23	(MH "Respiratory Sounds")
S22	TI (LR#I* or ALR#I*) or AB (LR#I* or ALR#I*)
S21	AB (bronchi* N3 infect*) or AB (bronchi* N3 inflam*) or AB (bronchi* N3 disease*)
S20	TI (bronchi* N3 infect*) or TI (bronchi* N3 inflam*) or TI (bronchi* N3 disease*)
S19	AB (respiratory N3 infect*) or AB (respiratory N3 inflam*) or AB (respiratory N3 disease*)
S18	TI (respiratory N3 infect*) or TI (respiratory N3 inflam*) or TI (respiratory N3 disease*)
S17	(MH "Bronchial Diseases")
S16	(MH "Respiratory Tract Infections")
S15	(MH "Respiratory Tract Diseases")
S14	TI (respiratory sync?tial vir* or RSV) or AB (respiratory sync?tial vir* or RSV)
S13	(MH "Respiratory Syncytial Virus Infections")
S12	(MH "Respiratory Syncytial Viruses")
S11	TI (bronchopneumon* or bronchit*) or AB (bronchopneumon* or bronchit*)
S10	(MH "Bronchopneumonia")
S9	(MH "Bronchitis+")
S8	TI (bronchiol*) or AB (bronchiol*)
S7	(MH "Bronchioles")
S6	(MH "Bronchiolitis")
S5	S1 OR S2 OR S3 OR S4
S4	TI (p#ediatric*) or AB (p#ediatric*)
S3	TI (infan* or neonat* or newborn* or baby or babies) OR AB (infan* or neonat* or newborn* or baby or babies)
S2	TI (child* or preschool* or toddler* or kid# or kindergar* or boy# or girl#) OR AB (child* or preschool* or toddler* or kid# or kindergar* or boy# or girl#)
S1	(MH "Infant, Newborn+") OR (MH "Infant+") OR (MH "Child, Preschool") OR (MH "Child+") OR (MH "Pediatrics+")

## Health Economics

Database(s): Ovid MEDLINE(R)

BRONC\_HE\_global\_RERUN1\_medline\_060614

#	Searches
1	ECONOMICS/
2	VALUE OF LIFE/
3	exp "COSTS AND COST ANALYSIS"/
4	exp ECONOMICS, HOSPITAL/
5	exp ECONOMICS, MEDICAL/
6	exp RESOURCE ALLOCATION/
7	ECONOMICS, NURSING/
8	ECONOMICS, PHARMACEUTICAL/
9	exp "FEES AND CHARGES"/
10	exp BUDGETS/
11	budget*.ti,ab.
12	cost*.ti,ab.
13	(economic* or pharmaco?economic*).ti,ab.
14	(price* or pricing*).ti,ab.
15	(financ* or fee or fees or expenditure* or saving*).ti,ab.
16	(value adj2 (money or monetary)).ti,ab.
17	resourc* allocat*.ti,ab.
18	(fund or funds or funding* or funded).ti,ab.
19	(ration or rations or rationing* or rationed).ti,ab.
20	ec.fs.
21	or/1-20
22	exp CHILD/
23	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
24	exp INFANT/
25	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
26	exp PEDIATRICS/
27	p?ediatric\$.ti,ab,jw.
28	or/22-27
29	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
30	BRONCHIOLES/
31	BRONCHITIS/ or BRONCHOPNEUMONIA/
32	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
33	exp RESPIRATORY SYNCYTIAL VIRUSES/



34	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
35	(respiratory sync#tial vir\$ or RSV).ti,ab.
36	or/29-35
37	RESPIRATORY TRACT DISEASES/
38	RESPIRATORY TRACT INFECTIONS/
39	BRONCHIAL DISEASES/
40	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
41	low\$ respiratory tract\$.ti,ab.
42	(LR?!\$ or ALR?!\$).ti,ab.
43	or/37-42
44	RESPIRATORY SOUNDS/
45	(crepit\$ or crackl\$ or wheez\$).ti,ab.
46	or/44-45
47	exp VIRUS DISEASES/
48	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
49	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
50	pneumovir\$.ti,ab.
51	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
52	METAPNEUMOVIRUS/
53	(paramyxovir\$ or metapneumovir\$).ti,ab.
54	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
55	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
56	(adenovir\$ or mastadenovir\$).ti,ab.
57	influenza\$.ti,ab,hw.
58	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
59	enterovir\$.ti,ab.
60	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
61	rhinovir\$.ti,ab.
62	or/47-61
63	and/43,46
64	and/43,62
65	and/46,62
66	or/63-65
67	or/36,66
68	and/28,67
69	limit 68 to english language
70	and/21,69
71	LETTER/
72	EDITORIAL/

73	NEWS/
74	exp HISTORICAL ARTICLE/
75	ANECDOTES AS TOPIC/
76	COMMENT/
77	CASE REPORT/
78	(letter or comment* or abstracts).ti.
79	or/71-78
80	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
81	79 not 80
82	ANIMALS/ not HUMANS/
83	exp ANIMALS, LABORATORY/
84	exp ANIMAL EXPERIMENTATION/
85	exp MODELS, ANIMAL/
86	exp RODENTIA/
87	(rat or rats or mouse or mice).ti.
88	or/81-87
89	70 not 88

**Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials**

**BRONC\_HE\_global\_RERUN1\_cctr\_130614**

#	Searches
1	ECONOMICS/
2	VALUE OF LIFE/
3	exp "COSTS AND COST ANALYSIS"/
4	exp ECONOMICS, HOSPITAL/
5	exp ECONOMICS, MEDICAL/
6	exp RESOURCE ALLOCATION/
7	ECONOMICS, NURSING/
8	ECONOMICS, PHARMACEUTICAL/
9	exp "FEES AND CHARGES"/
10	exp BUDGETS/
11	budget*.ti,ab.
12	cost*.ti,ab.
13	(economic* or pharmaco?economic*).ti,ab.
14	(price* or pricing*).ti,ab.
15	(financ* or fee or fees or expenditure* or saving*).ti,ab.
16	(value adj2 (money or monetary)).ti,ab.
17	resourc* allocat*.ti,ab.

18	(fund or funds or funding* or funded).ti,ab.
19	(ration or rations or rationing* or rationed).ti,ab.
20	ec.fs.
21	or/1-20
22	exp CHILD/
23	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
24	exp INFANT/
25	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
26	exp PEDIATRICS/
27	p?ediatric\$.ti,ab,jw.
28	or/22-27
29	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
30	BRONCHIOLES/
31	BRONCHITIS/ or BRONCHOPNEUMONIA/
32	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
33	exp RESPIRATORY SYNCYTIAL VIRUSES/
34	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
35	(respiratory sync#tial vir\$ or RSV).ti,ab.
36	or/29-35
37	RESPIRATORY TRACT DISEASES/
38	RESPIRATORY TRACT INFECTIONS/
39	BRONCHIAL DISEASES/
40	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).ti,ab.
41	low\$ respiratory tract\$.ti,ab.
42	(LR?!\$ or ALR?!\$).ti,ab.
43	or/37-42
44	RESPIRATORY SOUNDS/
45	(crepit\$ or crackl\$ or wheez\$).ti,ab.
46	or/44-45
47	exp VIRUS DISEASES/
48	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
49	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
50	pneumovir\$.ti,ab.
51	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
52	METAPNEUMOVIRUS/
53	(paramyxovir\$ or metapneumovir\$).ti,ab.
54	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
55	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
56	(adenovir\$ or mastadenovir\$).ti,ab.

57	influenza\$.ti,ab,hw.
58	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
59	enterovir\$.ti,ab.
60	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/
61	rhinovir\$.ti,ab.
62	or/47-61
63	and/43,46
64	and/43,62
65	and/46,62
66	or/63-65
67	or/36,66
68	and/28,67
69	limit 68 to english language
70	and/21,69
71	LETTER/
72	EDITORIAL/
73	NEWS/
74	exp HISTORICAL ARTICLE/
75	ANECDOTES AS TOPIC/
76	COMMENT/
77	CASE REPORT/
78	((letter or comment* or abstracts).ti.
79	or/71-78
80	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
81	79 not 80
82	ANIMALS/ not HUMANS/
83	exp ANIMALS, LABORATORY/
84	exp ANIMAL EXPERIMENTATION/
85	exp MODELS, ANIMAL/
86	exp RODENTIA/
87	(rat or rats or mouse or mice).ti.
88	or/81-87
89	70 not 88

**Database(s): EBM Reviews - NHS Economic Evaluation Database, EBM Reviews - Health Technology Assessment**

**BRONC\_HE\_global\_RERUN1\_nhseed\_130614**

#	Searches
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1	exp CHILD/
2	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,rw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,rw.
5	exp PEDIATRICS/
6	p?ediatric\$.tw,rw.
7	or/1-6
8	BRONCHIOLITIS/ or BRONCHIOLITIS, VIRAL/
9	BRONCHIOLES/
10	BRONCHITIS/ or BRONCHOPNEUMONIA/
11	(bronchiol\$ or bronchitis or bronchopneumonia).tw.
12	exp RESPIRATORY SYNCYTIAL VIRUSES/
13	RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/
14	(respiratory sync#tial vir\$ or RSV).tw.
15	or/8-14
16	RESPIRATORY TRACT DISEASES/
17	RESPIRATORY TRACT INFECTIONS/
18	BRONCHIAL DISEASES/
19	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$ or illness\$)).tw.
20	low\$ respiratory tract\$.tw.
21	(LR?I\$ or ALR?I\$).tw.
22	or/16-21
23	RESPIRATORY SOUNDS/
24	(crepit\$ or crackl\$ or wheez\$).tw.
25	or/23-24
26	exp VIRUS DISEASES/
27	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).tw.
28	PNEUMOVIRUS/ or PNEUMOVIRUS INFECTIONS/
29	pneumovir\$.tw.
30	PARAMYXOVIRIDAE/ or PARAMYXOVIRIDAE INFECTIONS/
31	METAPNEUMOVIRUS/
32	(paramyxovir\$ or metapneumovir\$).tw.
33	ADENOVIRIDAE/ or ADENOVIRIDAE INFECTIONS/
34	MASTADENOVIRUS/ or ADENOVIRUSES, HUMAN/ or ADENOVIRUS INFECTIONS, HUMAN/
35	(adenovir\$ or mastadenovir\$).tw.
36	influenza\$.tw.
37	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTIONS/
38	enterovir\$.tw.
39	RHINOVIRUS/ or PICORNAVIRIDAE INFECTIONS/

40	rhinovir\$.tw.
41	or/26-40
42	and/22,25
43	and/22,41
44	and/25,41
45	or/42-44
46	or/15,45
47	and/7,46
48	limit 47 to english language

**Database(s): Embase**

**BRONC\_HE\_global\_RERUN2\_embase\_120814**

#	Searches
1	HEALTH ECONOMICS/
2	exp ECONOMIC EVALUATION/
3	exp HEALTH CARE COST/
4	exp FEE/
5	BUDGET/
6	FUNDING/
7	RESOURCE ALLOCATION/
8	budget*.ti,ab.
9	cost*.ti,ab.
10	(economic* or pharmaco?economic*).ti,ab.
11	(price* or pricing*).ti,ab.
12	(financ* or fee or fees or expenditure* or saving*).ti,ab.
13	(value adj2 (money or monetary)).ti,ab.
14	resourc* allocat*.ti,ab.
15	(fund or funds or funding* or funded).ti,ab.
16	(ration or rations or rationing* or rationed).ti,ab.
17	or/1-16
18	exp CHILD/
19	(child\$ or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
20	exp INFANT/
21	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
22	exp PEDIATRICS/
23	p?ediatric\$.ti,ab,jx,ec.
24	or/18-23

25	BRONCHIOLITIS/ or VIRAL BRONCHIOLITIS/
26	BRONCHIOLE/
27	BRONCHITIS/ or BRONCHOPNEUMONIA/
28	(bronchiol\$ or bronchitis or bronchopneumonia).ti,ab.
29	RESPIRATORY SYNCYTIAL PNEUMOVIRUS/
30	RESPIRATORY SYNCYTIAL VIRUS INFECTION/
31	(respiratory sync#tial vir\$ or RSV).ti,ab.
32	or/25-31
33	RESPIRATORY TRACT DISEASE/ or ACUTE RESPIRATORY TRACT DISEASE/
34	RESPIRATORY TRACT INFECTION/
35	exp LOWER RESPIRATORY TRACT INFECTION/
36	BRONCHUS DISEASE/
37	((respiratory or bronchi\$) adj3 (infect\$ or inflam\$ or diseas\$)).ti,ab.
38	low\$ respiratory tract\$.ti,ab.
39	(LR?!\$ or ALR?!\$).ti,ab.
40	or/33-39
41	exp ABNORMAL RESPIRATORY SOUND/
42	(crepit\$ or crackl\$ or wheez\$).ti,ab.
43	or/41-42
44	exp VIRUS INFECTION/
45	((virus or viral) adj3 (infect\$ or diseas\$ or illness\$)).ti,ab.
46	PNEUMOVIRINAE/ or PNEUMOVIRUS INFECTION/
47	pneumovir\$.ti,ab.
48	PARAMYXOVIRUS/ or PARAMYXOVIRUS INFECTION/
49	exp METAPNEUMOVIRUS/ or exp METAPNEUMOVIRUS INFECTION/
50	(paramyxovir\$ or metapneumovir\$).ti,ab.
51	ADENOVIRUS/ or ADENOVIRUS INFECTION/
52	exp MASTADENOVIRUS/ or HUMAN ADENOVIRUS INFECTION/
53	(adenovir\$ or mastadenovir\$).ti,ab.
54	influenza\$.ti,ab,hw.
55	exp ENTEROVIRUS/ or ENTEROVIRUS INFECTION/
56	enterovir\$.ti,ab.
57	exp RHINOVIRUS/ or RHINOVIRUS INFECTION/
58	rhinovir\$.ti,ab.
59	or/44-58
60	and/40,43
61	and/40,59
62	and/43,59
63	or/60-62

64	or/32,63
65	and/24,64
66	limit 65 to english language
67	and/17,66
68	conference abstract.pt.
69	letter.pt. or LETTER/
70	note.pt.
71	editorial.pt.
72	CASE REPORT/ or CASE STUDY/
73	(letter or comment* or abstracts).ti.
74	or/68-73
75	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
76	74 not 75
77	ANIMAL/ not HUMAN/
78	NONHUMAN/
79	exp ANIMAL EXPERIMENT/
80	exp EXPERIMENTAL ANIMAL/
81	ANIMAL MODEL/
82	exp RODENT/
83	(rat or rats or mouse or mice).ti.
84	or/76-83
85	67 not 84