



Burden of disease of respiratory syncytial virus in infants, young children and pregnant women and people—Supplemental material

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Supplemental material S1

Search strategy of systematic reviews on medically attended respiratory syncytial virus or on respiratory syncytial virus infection in infants and young children.

Table S1: Search strategy for Medline database(s), Ovid MEDLINE(R) ALL 1946 to April 05, 2023

#	Searches	Results
1	Respiratory Syncytial Virus Infections/	8,539
2	(respiratory syncytial vir* or RSV or hrsv).tw,kf,kw.	21,189
3	(respiratory syncytial and (rsv or hrsv)).tw,kw,kf.	10,282
4	or/1-3 [RSV]	21,837
5	exp Pediatrics/ or exp Infant/ or Infant Health/ or exp Child/ or Child Health/ or Adolescent/ or Adolescent Health/	3,963,521
6	(infan* or newborn* or new* born* or neonat* or baby or babies or toddler* or boy* or girl* or juvenile* or adolescen* or preadolescen* or preschool* or pre school* or tween* or preteen* or adrenarch* or child or children or childhood or daughter* or kid* or menarch* or paediatric* or pediatric* or perinatal or preadrenarch* or premenarch* or prepubert* or prepubescen* or pubert* or pubescen* or school age? or son or sons or stepchild* or stepdaughter* or stepson* or teen* or young* or youth*).tw,kw,kf.	3,475,166
7	((primary or elementary or middle or high or grade) adj3 school*) or (grade adj4 student*).tw,kf.	82,763
8	(months adj ("1" or "2" or "3" or "4" or "5" or "6" or "7" or "8" or "9" or "10" or "11" or "12" or "13" or "14" or "15" or "16" or "17" or "18" or "19" or "20" or "21" or "22" or "23" or "24")).tw,kf.	50,892
9	(infan* or neonat* or baby or babies or toddler* or child or children or childhood or paediatric* or pediatric* or perinatal or juvenile* or adolescen* or preadolescen*).jw.	761,391
10	or/5-9 [Infants and children]	5,450,021
11	exp hospitals/ or hospitalization/ or Health Facilities/ or hospital admission/ or hospital care/ or Primary Health Care/ or exp patient care/ or exp primary health care/ or exp hospital departments/ or health facilities/ or ambulatory care facilities/ or child hospitalized/ or adolescent hospitalized/	1,634,308
12	(hospital* or ambulan* or intensive care unit? or icu or (emergency adj (room? or department? or ward? or medical services))).tw,kf.	1,783,936
13	(healthcare adj1 (clinic? or setting? or centre? or center? or facilities or facility)).tw,kf.	22,957
14	((nurs* adj4 (station* or clinic* or center* or centre*)) or emergency medical* or "EMS" or paramedic?).tw,kf.	66,590
15	inpatient?.tw,kw,kf.	136,907
16	((med* adj1 evac*) or medevac*).tw,kf.	975
17	or/11-16 [Hospitalization or ambulatory care]	2,914,372
18	exp Respiration, Artificial/	88,304
19	((mechanical* or artificial*) adj2 ventil*) or ventilator*).tw,kf.	119,897
20	or/18-19 [Mechanical ventilation]	168,129
21	exp Morbidity/ or exp Death/ or exp Mortality/	1,167,440
22	(mortal* or lethal* or death* or dead* or die or dies or died or dying or fatal).tw,kw,kf.	2,261,655
23	or/21-22 [Mortality]	3,034,110
24	or/11-20 [Hospitalizations, Ventilation, and Mortality]	3,014,594

**Table S1: Search strategy for Medline database(s), Ovid MEDLINE(R) ALL 1946 to April 05, 2023 (continued)**

#	Searches	Results
25	(meta-analysis or systematic review).pt.	306,619
26	meta-analysis/ or systematic review/ or meta-analysis as topic/ or systematic review as topic/	332,048
27	((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ti,ab,kf.	310,016
28	((quantitative adj3 (review* or overview* or syntheses*)) or (research adj3 (integrati* or overview*))).ti,ab,kf.	15,255
29	(meta analy* or metanaly*).ti,ab,kf,kw.	265,738
30	(cochrane or evidence report).jw.	16,528
31	(comparative adj3 (efficacy or effectiveness)).ti,ab,kf.	17,253
32	or/25-31 [Systematic Reviews adapted from "SR / MA / HTA / ITC - MEDLINE, Embase, PsycInfo. In: CADTH Search Filters Database. Ottawa: CADTH; 2023: https://searchfilters.cadth.ca/link/33 ." Accessed 2023-04-05.]	493,137
33	4 and 10 and 24 and 32	171
34	limit 33 to yr="1995-current"	171

Table S2: Search strategy for Embase database(s), Embase 1974 to April 05, 2023

#	Searches	Results
1	Respiratory Syncytial Virus Infection/	7,605
2	(respiratory syncytial vir* or RSV or hrsv).tw,kf,kw.	27,680
3	(respiratory syncytial and (rsv or hrsv)).tw,kw,kf.	13,498
4	or/1-3 [RSV]	29,336
5	exp pediatrics/ or exp infant/ or child health/ or exp child/ or exp adolescent/ or adolescent health/	3,974,568
6	(infan* or newborn* or new* born* or neonat* or baby or babies or toddler* or boy* or girl* or juvenile* or adolescen* or preadolescen* or preschool* or pre school* or tween* or preteen* or adrenarch* or child or children or childhood or daughter* or kid? or menarch* or paediatric* or pediatric* or perinatal or preadrenarch* or premenarch* or prepubert* or prepubescen* or pubert* or pubescen* or school age? or son or sons or stepchild* or stepdaughter* or stepson* or teen* or young* or youth*).tw,kw,kf.	4,472,035
7	((primary or elementary or middle or high or grade) adj3 school*) or (grade adj4 student*).tw,kf.	102,865
8	(months adj ("1" or "2" or "3" or "4" or "5" or "6" or "7" or "8" or "9" or "10" or "11" or "12" or "13" or "14" or "15" or "16" or "17" or "18" or "19" or "20" or "21" or "22" or "23" or "24")).tw,kf.	106,550
9	(infan* or neonat* or baby or babies or toddler* or child or children or childhood or paediatric* or pediatric* or perinatal or juvenile* or adolescen* or preadolescen*).jw.	953,323
10	or/5-9 [Infants and children]	6,016,500
11	exp hospital/ or exp hospitalization/ or child hospitalization/ or exp health care facility/ or hospital admission/ or exp hospital care/ or exp primary health care/ or patient care/ or exp primary health care/ or patient care/ or hospital department/ or health care facility/ or ambulance/	3,550,426
12	(hospital* or ambulan* or intensive care unit? or icu or (emergency adj (room? or department? or ward? or medical services))).tw,kf.	2,773,489
13	(healthcare adj1 (clinic? or setting? or centre? or center? or facilities or facility)).tw,kf.	31,244
14	((nurs* adj4 (station* or clinic* or center* or centre*)) or emergency medical* or "EMS" or paramedic?).tw,kf.	91,049
15	inpatient?.tw,kw,kf.	237,857
16	((med* adj1 evac*) or medevac*).tw,kf.	1,152
17	or/11-16 [Hospitalization or ambulatory care]	4,825,890
18	artificial ventilation/	178,357
19	((mechanical* or artificial*) adj2 ventil*) or ventilator*).tw,kf.	187,639
20	or/18-19 [Mechanical ventilation]	265,558
21	exp morbidity/ or exp death/ or exp mortality/	2,168,781
22	(mortal* or lethal* or death* or dead* or die or dies or died or dying or fatal).tw,kw,kf.	3,233,836
23	or/21-22 [Mortality]	3,919,965
24	or/11-23	7,659,425
25	meta-analysis/ or systematic review/ or "meta analysis (topic)"/ or "systematic review (topic)"/	612,077
26	((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ti,ab,kf.	395,078

**Table S2: Search strategy for Embase database(s), Embase 1974 to April 05, 2023 (continued)**

#	Searches	Results
27	((quantitative adj3 (review* or overview* or syntheses*)) or (research adj3 (integrati* or overview*))).ti,ab,kf.	18,159
28	(meta analy* or metanaly*).ti,ab,kf.	351,748
29	(cochrane or evidence report).jw.	24,843
30	(comparative adj3 (efficacy or effectiveness)).ti,ab,kf.	26,052
31	or/25-30 [Systematic Reviews adapted from "SR / MA / HTA / ITC - MEDLINE, Embase, PsycInfo. In: CADTH Search Filters Database. Ottawa: CADTH; 2023: https://searchfilters.cadth.ca/link/33 ." Accessed 2023-04-05.]	779,867
32	4 and 10 and 24 and 31	365
33	limit 32 to yr="1995-current"	363

Table S3: Search strategy for Global Health database(s), Global Health 1973 to 2023 Week 13

#	Searches	Results
1	human respiratory syncytial virus/	6,947
2	(respiratory syncytial vir* or RSV or hrsv).tw.	9,105
3	(respiratory syncytial and (rsv or hrsv)).tw.	5,208
4	or/1-3 [RSV]	9,105
5	exp children/ or exp infants/ or child health/ or adolescents/ or exp youth/	469,662
6	((infan* or newborn* or new* born* or neonat* or baby or babies or toddler* or boy* or girl* or juvenile* or adolescen* or preadolescen* or preschool* or pre school* or tween* or preteen* or adrenarch* or child or children or childhood or daughter* or kid? or menarch* or paediatric* or pediatric* or perinatal or preadrenarch* or premenarch* or prepubert* or prepubescen* or pubert* or pubescen* or school age? or son or sons or stepchild* or stepdaughter* or stepson* or teen* or young* or youth*).tw.	710,467
7	((primary or elementary or middle or high or grade) adj3 school*) or (grade adj4 student*).tw.	37,110
8	((months adj ("1" or "2" or "3" or "4" or "5" or "6" or "7" or "8" or "9" or "10" or "11" or "12" or "13" or "14" or "15" or "16" or "17" or "18" or "19" or "20" or "21" or "22" or "23" or "24")).tw.	7,193
9	((infan* or neonat* or baby or babies or toddler* or child or children or childhood or paediatric* or pediatric* or perinatal or juvenile* or adolescen* or preadolescen*).jx.	106,690
10	or/5-9 [Infants and children]	731,627
11	exp hospitals/ or hospital admission/ or hospital care/ or hospital stay/ or primary health care/	116,365
12	((hospital* or ambulan* or intensive care unit? or icu or (emergency adj (room? or department? or ward? or medical services))).tw.	377,420
13	((healthcare adj1 (clinic? or setting? or centre? or center? or facilities or facility)).tw.	8,634
14	((nurs* adj4 (station* or clinic* or center* or centre*)) or emergency medical* or "EMS" or paramedic?).tw.	6,867
15	inpatient?.tw.	21,518
16	((med* adj1 evac*) or medevac*).tw.	157
17	or/11-16 [Hospitalization or ambulatory care]	406,771
18	artificial ventilation/	567
19	((mechanical* or artificial*) adj2 ventil*) or ventilator*).tw.	17,395
20	or/18-19 [Mechanical ventilation]	17,395
21	artificial ventilation/	567
22	((mortal* or lethal* or death* or dead* or die or dies or died or dying or fatal).tw.	423,330
23	or/21-22 [Mortality]	423,677
24	or/11-23	734,290
25	meta-analysis/ or systematic reviews/	73,234
26	((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ti,ab,hw.	67,754
27	((quantitative adj3 (review* or overview* or syntheses*)) or (research adj3 (integrati* or overview*))).ti,ab,hw.	2,608
28	(meta analy* or metanaly*).ti,ab,hw,id.	53,042
29	(cochrane or evidence report).jx.	1,045
30	(comparative adj3 (efficacy or effectiveness)).ti,ab,hw.	2,258

**Table S3: Search strategy for Global Health database(s), Global Health 1973 to 2023 Week 13 (continued)**

#	Searches	Results
31	or/25-30 [Systematic Reviews adapted from "SR / MA / HTA / ITC - MEDLINE, Embase, PsycInfo. In: CADTH Search Filters Database. Ottawa: CADTH; 2023: https://searchfilters.cadth.ca/link/33 ." Accessed 2023-04-05.]	91,734
32	4 and 10 and 24 and 31	90
33	limit 32 to yr="1995-current"	90

Search strategy for ProQuest Public Health: 56 results

(mesh(Respiratory Syncytial Virus Infection/) OR noft(respiratory syncytial vir* OR RSV OR hrsv) OR noft((respiratory syncytial AND (rsv OR hrsv)))) AND (mesh(exp pediatrics/ OR exp infant/ OR child health/ OR exp child/ OR exp adolescent/ OR adolescent health/) OR (infan* or newborn* or new* born* or neonat* or baby or babies or toddler* or boy* or girl* or juvenile* or adolescen* or preadolescen* or preschool* or tween* or preteen* or adrenarch* or child or children or childhood or daughter* or kid? or menarch* or paediatric* or pediatric* or perinatal or preadrenarch* or premenarch* or prepubert* or prepubescen* or pubert* or pubescen* or school age? or son or sons or stepchild* or stepdaughter* or stepson* or teen* or young* or youth*)) AND (mesh(exp hospital/ OR exp hospitalization/ OR child hospitalization/ OR exp health care facility/ OR hospital admission/ OR exp hospital care/ OR exp primary health care/ OR patient care/ OR exp primary health care/ OR patient care/ OR hospital department/ OR health care facility/ OR ambulance/ OR artificial ventilation/ OR exp

morbidity/ OR exp death/ OR exp mortality/) OR noft(hospital* OR ambulan* OR intensive care unit? OR icu OR (emergency NEAR/1 (room? OR department? OR ward? OR medical services)) OR emergency medical* OR "EMS" OR paramedic* OR inpatient? OR ((med* NEAR/1 evac*) OR medevac*) OR ((mechanical* OR artificial*) NEAR/2 ventil*) OR ventilator* OR mortal* OR lethal* OR death* OR dead* OR die OR dies OR died OR dying OR fatal)) AND (MESH(meta-analysis) or MESH(systematic review) or MESH(meta-analysis as topic) or MESH(systematic review as topic) OR TITLE((systematic* NEAR/3 (review* or overview*)) or (methodologic* NEAR/3 (review* or overview*)) OR ABSTRACT((systematic* NEAR/3 (review* or overview*)) or (methodologic* NEAR/3 (review* or overview*)) OR TITLE((quantitative NEAR/3 (review* or overview* or syntheses*) or (research NEAR/3 (integrati* or overview*)) OR ABSTRACT((quantitative NEAR/3 (review* or overview* or syntheses*) or (research NEAR/3 (integrati* or overview*)) OR TITLE(meta analy* or metanaly*) OR ABSTRACT(meta analy* or metanaly*) OR TITLE(comparative NEAR/3 (efficacy or effectiveness)) OR ABSTRACT(comparative NEAR/3 (efficacy or effectiveness)))

Supplemental material S2

Search strategy of primary evidence on medically attended respiratory syncytial virus or on respiratory syncytial virus infection in pregnant women and people.

Table S4: Search strategy for Medline database(s), Ovid MEDLINE(R) ALL 1946 to April 10, 2023

#	Searches	Results
1	Respiratory Syncytial Virus Infections/	8,544
2	(respiratory syncytial vir* or RSV or hrsv).tw,kf,kw.	21,215
3	(respiratory syncytial and (rsv or hrsv)).tw,kw,kf.	10,295
4	or/1-3 [RSV]	21,863
5	exp *Pregnancy/ or exp *Pregnancy Complications/ or exp *Pregnancy Trimesters/ or *Pregnant Women/ or *Maternal Health/ or *Preconception Care/ or *Maternal Exposure/ or *fetus/	534,810
6	(pregnan* or trimester* or interconception* or preconception* or conception*).ti,kf. or (pregnan* or trimester* or interconception* or preconception* or conception*).ab. /freq=2	460,066
7	(prenatal* or perinatal* or postnatal*).ti,kf. or (prenatal* or perinatal* or postnatal*).ab. /freq=2	168,751
8	(intrauterine* or fetal* or foetal* or zygote* or embryo*).ti,kf. or (intrauterine* or fetal* or foetal* or zygote* or embryo*).ab. /freq=2	428,298
9	(placent* or amniotic* or umbilical or fertility or fecund*).ti,kf. or (placent* or amniotic* or umbilical or fertility or fecund*).ab. /freq=2	196,856
10	((expect* adj2 (mother* or parent*)) or obstetric*).ti,kf. or ((expect* adj2 (mother* or parent*)) or obstetric*).ab. /freq=2	64,478

**Table S4: Search strategy for Medline database(s), Ovid MEDLINE(R) ALL 1946 to April 10, 2023 (continued)**

#	Searches	Results
11	or/5-10 [Pregnant Persons]	1,225,030
12	exp hospitals/ or hospitalization/ or Health Facilities/ or hospital admission/ or hospital care/ or Primary Health Care/ or exp patient care/ or exp primary health care/ or exp hospital departments/ or health facilities/ or ambulatory care facilities/	1,630,412
13	(hospital* or ambulan* or intensive care unit? or icu or (emergency adj (room? or department? or ward? or medical services))).tw,kf.	1,786,015
14	(healthcare adj1 (clinic? or setting? or centre? or center? or facilities or facility)).tw,kf.	23,008
15	((nurs* adj4 (station* or clinic* or center* or centre*)) or emergency medical* or "EMS" or paramedic?).tw,kf.	66,678
16	inpatient?.tw,kw,kf.	137,100
17	((med* adj1 evac*) or medevac*).tw,kf.	976
18	or/12-17 [Hospitalization or ambulatory care]	2,915,366
19	exp Respiration, Artificial/	88,330
20	((mechanical* or artificial*) adj2 ventil*) or ventilator*).tw,kf.	119,999
21	or/19-20 [Mechanical ventilation]	168,238
22	exp Morbidity/ or exp Death/ or exp Mortality/	1,167,876
23	(mortal* or lethal* or death* or dead* or die or dies or died or dying or fatal).tw,kw,kf.	2,264,080
24	or/22-23 [Mortality]	3,036,809
25	or/12-21 [Hospitalizations, Ventilation, and Mortality]	3,015,631
26	(meta-analysis or systematic review).pt.	307,150
27	meta-analysis/ or systematic review/ or meta-analysis as topic/ or systematic review as topic/	332,618
28	((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ti,ab,kf.	310,776
29	((quantitative adj3 (review* or overview* or syntheses*)) or (research adj3 (integrati* or overview*))).ti,ab,kf.	15,286
30	(meta analy* or metanaly*).ti,ab,kf,kw.	266,346
31	(cochrane or evidence report).jw.	16,544
32	(comparative adj3 (efficacy or effectiveness)).ti,ab,kf.	17,284
33	or/26-32 [Systematic Reviews adapted from "SR / MA / HTA / ITC - MEDLINE, Embase, PsycInfo. In: CADTH Search Filters Database. Ottawa: CADTH; 2023: https://searchfilters.cadth.ca/link/33 ." Accessed 2023-04-05.]	494,135
34	4 and 11 and 25 and 33	1
35	limit 34 to yr="1995-current"	1
36	(4 and 11 and 25) not 34	92
37	(case reports or comment or editorial or letter).pt.	4,249,962
38	36 not 37	88
39	limit 38 to yr=1995-current	85

Table S5: Search strategy for Embase database(s), Embase 1974 to April 07, 2023

#	Searches	Results
1	Respiratory Syncytial Virus Infection/	7,625
2	(respiratory syncytial vir* or RSV or hrsv).tw,kf,kw.	27,696
3	(respiratory syncytial and (rsv or hrsv)).tw,kw,kf.	13,509
4	or/1-3 [RSV]	29,355
5	exp *pregnancy/ or *pregnant woman/ or *fetus/	245,134
6	(pregnan* or trimester* or interconception* or preconception* or conception*).ti,kf. or (pregnan* or trimester* or interconception* or preconception* or conception*).ab. /freq=2	568,964
7	(prenatal* or perinatal* or postnatal*).ti,kf. or (prenatal* or perinatal* or postnatal*).ab. /freq=2	219,642
8	(intrauterine* or fetal* or foetal* or zygote* or embryo*).ti,kf. or (intrauterine* or fetal* or foetal* or zygote* or embryo*).ab. /freq=2	514,999
9	(placent* or amniotic* or umbilical or fertility or fecund*).ti,kf. or (placent* or amniotic* or umbilical or fertility or fecund*).ab. /freq=2	229,918

**Table S5: Search strategy for Embase database(s), Embase 1974 to April 07, 2023 (continued)**

#	Searches	Results
10	((expect* adj2 (mother* or parent*)) or obstetric*).ti,kf. or ((expect* adj2 (mother* or parent*)) or obstetric*).ab. /freq=2	77,269
11	or/5-10 [Pregnant persons]	1,293,124
12	exp hospital/ or exp hospitalization/ or exp health care facility/ or hospital admission/ or exp hospital care/ or exp primary health care/ or patient care/ or exp primary health care/ or patient care/ or hospital department/ or health care facility/ or ambulance/	3,546,356
13	(hospital* or ambulan* or intensive care unit? or icu or (emergency adj (room? or department? or ward? or medical services))).tw,kf.	2,774,911
14	(healthcare adj1 (clinic? or setting? or centre? or center? or facilities or facility)).tw,kf.	31,277
15	((nurs* adj4 (station* or clinic* or center* or centre*)) or emergency medical* or "EMS" or paramedic?).tw,kf.	91,103
16	inpatient?.tw,kw,kf.	238,001
17	((med* adj1 evac*) or medevac*).tw,kf.	1,153
18	or/12-17 [Hospitalization or ambulatory care]	4,826,713
19	artificial ventilation/	178,548
20	((mechanical* or artificial*) adj2 ventil*) or ventilator*).tw,kf.	187,746
21	or/19-20 [Mechanical ventilation]	265,813
22	exp morbidity/ or exp death/ or exp mortality/	2,169,783
23	(mortal* or lethal* or death* or dead* or die or dies or died or dying or fatal).tw,kw,kf.	3,235,755
24	or/22-23 [Mortality]	3,922,420
25	or/12-24	7,662,154
26	meta-analysis/ or systematic review/ or "meta analysis (topic)" / or "systematic review (topic)" /	612,287
27	((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ti,ab,kf.	395,411
28	((quantitative adj3 (review* or overview* or syntheses*)) or (research adj3 (integrati* or overview*))).ti,ab,kf.	18,178
29	(meta analy* or metanaly*).ti,ab,kf.	352,043
30	(cochrane or evidence report).jw.	24,847
31	(comparative adj3 (efficacy or effectiveness)).ti,ab,kf.	25,961
32	or/26-31 [Systematic Reviews adapted from "SR / MA / HTA / ITC - MEDLINE, Embase, PsycInfo. In: CADTH Search Filters Database. Ottawa: CADTH; 2023: https://searchfilters.cadth.ca/link/33 ." Accessed 2023-04-05.]	780,258
33	4 and 11 and 25 and 32	10
34	limit 33 to yr="1995-current"	10
35	(4 and 11 and 25) not 33	253
36	(letter or note or editorial).pt. or case report.ti.	3,364,703
37	35 not 36	243
38	limit 37 to yr="1995-current"	237

Table S6: Search strategy for Global Health database(s), Global Health 1973 to 2023 Week 14

#	Searches	Results
1	human respiratory syncytial virus/	6,953
2	(respiratory syncytial vir* or RSV or hrsv).tw.	9,112
3	(respiratory syncytial and (rsv or hrsv)).tw.	5,214
4	or/1-3 [RSV]	9,112
5	pregnancy/ or pregnant women/ or fetus/	120,543
6	(pregnan* or trimester* or interconception* or preconception* or conception*).tw.	148,922
7	(prenatal* or perinatal* or postnatal*).tw.	56,369
8	(intrauterine* or fetal* or foetal* or zygote* or embryo*).tw.	57,912
9	(placent* or amniotic* or umbilical or fertility or fecund*).tw.	43,403
10	((expect* adj2 (mother* or parent*)) or obstetric*).tw.	18,546
11	or/5-10 [Pregnant persons]	225,070

**Table S6: Search strategy for Global Health database(s), Global Health 1973 to 2023 Week 14 (continued)**

#	Searches	Results
12	exp hospitals/ or hospital admission/ or hospital care/ or hospital stay/ or primary health care/	116,733
13	((hospital* or ambulan* or intensive care unit? or icu or (emergency adj (room? or department? or ward? or medical services))).tw.	378,211
14	(healthcare adj1 (clinic? or setting? or centre? or center? or facilities or facility)).tw.	8,654
15	((nurs* adj4 (station* or clinic* or center* or centre*)) or emergency medical* or "EMS" or paramedic?).tw.	6,881
16	inpatient?.tw.	21,556
17	((med* adj1 evac*) or medevac*).tw.	157
18	or/12-17 [Hospitalization or ambulatory care]	407,623
19	artificial ventilation/	567
20	((mechanical* or artificial*) adj2 ventil*) or ventilator*).tw.	17,447
21	or/19-20 [Mechanical ventilation]	17,447
22	artificial ventilation/	567
23	(mortal* or lethal* or death* or dead* or die or dies or died or dying or fatal).tw.	424,103
24	or/22-23 [Mortality]	424,450
25	or/12-24	735,633
26	meta-analysis/ or systematic reviews/	73,510
27	((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ti,ab,hw.	68,027
28	((quantitative adj3 (review* or overview* or syntheses*)) or (research adj3 (integrati* or overview*))).ti,ab,hw.	2,616
29	(meta analy* or metanaly*).ti,ab,hw,id.	53,232
30	(cochrane or evidence report).jx.	1,045
31	(comparative adj3 (efficacy or effectiveness)).ti,ab,hw.	2,263
32	or/26-31 [Systematic Reviews adapted from "SR / MA / HTA / ITC - MEDLINE, Embase, PsycInfo. In: CADTH Search Filters Database. Ottawa: CADTH; 2023: https://searchfilters.cadth.ca/link/33 ." Accessed 2023-04-05.]	92,036
33	4 and 11 and 25 and 32	7
34	limit 33 to yr="1995-current"	7
35	(4 and 11 and 25) not 33	163
36	limit 35 to yr=1995-current	160

Search strategy for ProQuest Public Health: 142 results

((mesh(Respiratory Syncytial Virus Infections) OR (respiratory syncytial vir* OR RSV OR hrsv)) AND PEER(yes)) AND ((mesh(pregnancy OR pregnancy complications OR pregnant women OR maternal exposure OR fetus) OR title(pregnan* OR trimester* OR interconception* OR preconception* OR conception* OR prenatal* OR perinatal* OR postnatal OR intrauterine* OR fetal* OR foetal* OR zygote* OR embryo* OR placenta* OR amniotic* OR umbilical OR fertility OR fecund* OR (expect* NEAR/2 (mother* OR parent*)) OR obstetric*)) AND PEER(yes)) AND ((mesh(exp hospitals OR hospitalization OR Health Facilities OR hospital admission OR hospital care OR Primary Health Care OR exp patient care OR exp primary health care OR exp hospital departments OR health facilities OR ambulatory care facilities OR exp Respiration, Artificial OR exp Morbidity OR exp Death OR exp Mortality) OR noft(hospital*

OR ambulan* OR intensive care unit? OR icu OR emergency room? OR emergency department? OR emergency ward? OR emergency medical* OR "EMS" OR paramedic? OR inpatient? OR mechanical ventil* OR mortal* OR lethal* OR death* OR dead* OR die OR dies OR died OR dying OR fatal)) AND PEER(yes))

Results Limited to Systematic Review: 18 results

((mesh(Respiratory Syncytial Virus Infections) OR (respiratory syncytial vir* OR RSV OR hrsv)) AND PEER(yes)) AND ((mesh(pregnancy OR pregnancy complications OR pregnant women OR maternal exposure OR fetus) OR title(pregnan* OR trimester* OR interconception* OR preconception* OR conception* OR prenatal* OR perinatal* OR postnatal OR intrauterine* OR fetal* OR foetal* OR zygote* OR embryo* OR placenta* OR amniotic* OR umbilical OR fertility OR fecund*



OR (expect* NEAR/2 (mother* OR parent*)) OR obstetric*)
 OR subject(pregnan* OR trimester* OR interconception* OR
 preconception* OR conception* OR prenatal* OR perinatal* OR
 postnatal OR intrauterine* OR fetal* OR foetal* OR zygote* OR
 embryo* OR placenta* OR amniotic* OR umbilical OR fertility
 OR fecund* OR (expect* NEAR/2 (mother* OR parent*)) OR
 obstetric*)) AND PEER(yes)) AND ((mesh(exp hospitals OR
 hospitalization OR Health Facilities OR hospital admission OR
 hospital care OR Primary Health Care OR exp patient care OR
 exp primary health care OR exp hospital departments OR health
 facilities OR ambulatory care facilities OR exp Respiration,

Artificial OR exp Morbidity OR exp Death OR exp Mortality) OR
 noft(hospital* OR ambulan* OR intensive care unit? OR icu OR
 emergency room? OR emergency department? OR emergency
 ward? OR emergency medical* OR "EMS" OR paramedic? OR
 inpatient? OR mechanical ventil* OR mortal* OR lethal* OR
 death* OR dead* OR die OR dies OR died OR dying OR fatal))
 AND PEER(yes))) AND (mesh(meta-analysis OR systematic
 review OR meta-analysis as topic OR systematic review as
 topic) OR noft((systematic* NEAR/3 (review* OR overview*))
 OR (methodologic* NEAR/3 (review* OR overview*)) OR
 (comparative NEAR/3 (efficacy OR effectiveness))))