Supplementary Materials - Search Strategies

Database: MEDLINE (via PubMed)

Search date: 12/23/2019

Note: set sort to Most Recent

#1	"cytomegalovirus infections"[Mesh] OR "cytomegalovirus"[Mesh] OR cytomegalovirus[tw] OR cytomegalic[tw] OR CMV[tw]	55,236
#2	"Infant, Low Birth Weight"[Mesh] OR "Infant, Very Low Birth Weight"[Mesh] OR "Infant, Extremely Low Birth Weight"[Mesh] OR "Infant, Small for Gestational Age"[Mesh] OR "Infant, Premature"[Mesh] OR "Infant, Extremely Premature"[Mesh] OR preterm[tw] OR premature[tw] OR prematurity[tw] OR VLBW[tw] OR ELBW[tw] OR "low birthweight"[tw] OR "low birth weight"[tw] OR "small for gestational age"[tw]	239,511
#3	#1 AND #2	917
#4	#3 NOT (animals[mh] NOT humans[mh])	893
#5	#4 NOT (Editorial[ptyp] OR Comment[ptyp])	874

Database: EMBASE (via Elsevier)

Search date: 12/23/2019

Note: search from the Results page

#1	'Human cytomegalovirus'/exp OR 'cytomegalovirus infection'/exp OR cytomegalovirus:ab,ti,kw OR cytomegalic:ab,ti,kw OR CMV:ab,ti,kw	83,639

#2	'low birth weight'/exp OR 'small for date infant'/exp OR 'very low birth weight'/exp OR 'extremely low birth weight'/exp OR 'prematurity'/exp OR preterm:ab,ti,kw OR premature:ab,ti,kw OR prematurity:ab,ti,kw OR VLBW:ab,ti,kw OR ELBW:ab,ti,kw OR 'low birthweight':ab,ti,kw OR 'low birth weight':ab,ti,kw OR 'small for gestational age':ab,ti,kw	321,235
#3	#1 AND #2	1,586
#4	#3 AND [humans]/lim	1,379
#5	#4 NOT ('editorial'/exp OR 'note'/exp OR [conference abstract]/lim)	1,074

Database: CINAHL Complete (via EBSCO)

Search date: 12/23/2019

#1	(MH "Cytomegalovirus Infections+") OR (MH "Cytomegaloviruses") OR TI (cytomegalovirus OR cytomegalic OR CMV) OR AB (cytomegalovirus OR cytomegalic OR CMV)	4,628
#2	(MH "Infant, Low Birth Weight+") OR (MH "Infant, Small for Gestational Age") OR (MH "Infant, Very Low Birth Weight") OR (MH "Infant, Premature") OR TI (preterm OR premature OR prematurity OR VLBW OR ELBW OR "low birthweight" OR "low birth weight" OR "small for gestational age") OR AB (preterm OR premature OR prematurity OR VLBW OR ELBW OR "low birthweight" OR "low birth weight" OR "small for gestational age")	61,715
#3	#1 AND #2	204

#4	#3 NOT PT (Abstract OR Book OR Book Chapter OR Book Review OR Commentary OR Editorial OR Masters Thesis OR Pamphlet OR Pamphlet Chapter OR Poetry)	188

Database: Cochrane Central Register of Controlled Trials (via Wiley)

Search date: 12/23/2019

Note: use Advanced Search, then Search Manager

#1	[mh "cytomegalovirus infections"] OR [mh "cytomegalovirus"] OR cytomegalovirus OR cytomegalic OR CMV	2,983
#2	[mh "Infant, Low Birth Weight"] OR [mh "Infant, Very Low Birth Weight"] OR [mh "Infant, Extremely Low Birth Weight"] OR [mh "Infant, Small for Gestational Age"] OR [mh "Infant, Premature"] OR [mh "Infant, Extremely Premature"] OR preterm OR premature OR prematurity OR VLBW OR ELBW OR "low birthweight" OR "low birth weight" OR "small for gestational age"	27,314
#3	#1 AND #2 (Limit to Trials)	60

Database: Web of Science (Clarivate)

Search date: 12/23/2019

Note: use Advanced Search

#1	TS=(cytomegalovirus OR cytomegalic OR CMV)	57,724
#2	TS=(preterm OR premature OR prematurity OR VLBW OR ELBW OR "low birthweight" OR "low birth weight" OR "small for gestational age")	234,816

#3	#1 AND #2	887
#4	(#3) AND DOCUMENT TYPES: (Article OR Review)	794

SEARCH UPDATES

Database: MEDLINE (via PubMed)

Search date: 12/23/2019

Note: set sort to Most Recent

#1	"cytomegalovirus infections"[Mesh] OR "cytomegalovirus"[Mesh] OR cytomegalovirus[tw] OR cytomegalic[tw] OR CMV[tw]	55,674
#2	"Infant, Low Birth Weight"[Mesh] OR "Infant, Very Low Birth Weight"[Mesh] OR "Infant, Extremely Low Birth Weight"[Mesh] OR "Infant, Small for Gestational Age"[Mesh] OR "Infant, Premature"[Mesh] OR "Infant, Extremely Premature"[Mesh] OR preterm[tw] OR premature[tw] OR prematurity[tw] OR VLBW[tw] OR ELBW[tw] OR "low birthweight"[tw] OR "low birth weight"[tw] OR "small for gestational age"[tw]	242,603
#3	#1 AND #2	933
#4	#3 NOT (animals[mh] NOT humans[mh])	909
#5	#4 NOT (Editorial[ptyp] OR Comment[ptyp])	889
#6	#5 AND ("2019/09/23"[Date - MeSH] : "3000"[Date - MeSH])	25

Database: EMBASE (via Elsevier)

Search date: 12/23/2019

Note: search from the Results page

#1	'Human cytomegalovirus'/exp OR 'cytomegalovirus infection'/exp OR cytomegalovirus:ab,ti,kw OR cytomegalic:ab,ti,kw OR CMV:ab,ti,kw	84,641
#2	'low birth weight'/exp OR 'small for date infant'/exp OR 'very low birth weight'/exp OR 'extremely low birth weight'/exp OR 'prematurity'/exp OR preterm:ab,ti,kw OR premature:ab,ti,kw OR prematurity:ab,ti,kw OR VLBW:ab,ti,kw OR ELBW:ab,ti,kw OR 'low birthweight':ab,ti,kw OR 'low birth weight':ab,ti,kw OR 'small for gestational age':ab,ti,kw	325,716
#3	#1 AND #2	1,620
#4	#3 AND [humans]/lim	1,413
#5	#4 NOT ('editorial'/exp OR 'note'/exp OR [conference abstract]/lim)	1,096
#6	#5 AND [23-09-2019]/sd	38

Database: CINAHL Complete (via EBSCO)

Search date: 12/23/2019

#1	(MH "Cytomegalovirus Infections+") OR (MH "Cytomegaloviruses") OR TI (cytomegalovirus OR cytomegalic OR CMV) OR AB (cytomegalovirus OR cytomegalic OR CMV)	4,742
#2	(MH "Infant, Low Birth Weight+") OR (MH "Infant, Small for Gestational Age") OR (MH "Infant, Very Low Birth Weight") OR (MH "Infant, Premature") OR TI (preterm OR premature OR prematurity OR VLBW OR	63,099

	ELBW OR "low birthweight" OR "low birth weight" OR "small for gestational age") OR AB (preterm OR premature OR prematurity OR VLBW OR ELBW OR "low birthweight" OR "low birth weight" OR "small for gestational age")	
#3	#1 AND #2	209
#4	#3 NOT PT (Abstract OR Book OR Book Chapter OR Book Review OR Commentary OR Editorial OR Masters Thesis OR Pamphlet OR Pamphlet Chapter OR Poetry)	193
#5	#4 AND Published Date: 20190901-20200131	5

Database: Cochrane Central Register of Controlled Trials (via Wiley)

Search date: 12/23/2019

Note: use Advanced Search, then Search Manager

#1	[mh "cytomegalovirus infections"] OR [mh "cytomegalovirus"] OR cytomegalovirus OR cytomegalic OR CMV	3,015
#2	[mh "Infant, Low Birth Weight"] OR [mh "Infant, Very Low Birth Weight"] OR [mh "Infant, Extremely Low Birth Weight"] OR [mh "Infant, Small for Gestational Age"] OR [mh "Infant, Premature"] OR [mh "Infant, Extremely Premature"] OR preterm OR premature OR prematurity OR VLBW OR ELBW OR "low birthweight" OR "low birth weight" OR "small for gestational age"	27,512
#3	#1 AND #2 (Limit to Trials)	61
#4	#3 AND Last 3 months	1

Database: Web of Science (Clarivate)

Search date: 12/23/2019

Note: use Advanced Search

#1	TS=(cytomegalovirus OR cytomegalic OR CMV)	58,392
#2	TS=(preterm OR premature OR prematurity OR VLBW OR ELBW OR "low birthweight" OR "low birth weight" OR "small for gestational age")	238,239
#3	#1 AND #2	898
#4	(#3) AND DOCUMENT TYPES: (Article OR Review)	805
#5	#4 Timespan=2019	54