

Supplementary table 4: Database-specific search terms and strategies**MEDLINE (via Ovid) 2021/6/6**

#	Searches	Annotations
1	exp *Adrenal Cortex Hormones/ad, tu	
2	exp *Adrenal Cortex Hormones/ and (ci or de or dt).fs.	
3	exp Adrenal Cortex Hormones/ae, po, to	
4	or/1-3	
5	exp Pregnancy/	
6	exp Pregnancy Outcome/	
7	Fetal Death/	
8	Maternal Death/	
9	Obstetric Labor Complications/	
10	exp Obstetric Labor, Premature/	
11	Pregnancy, Prolonged/	
12	Fetus/	
13	exp Infant, Newborn/	
14	Prenatal Care/	
15	exp Fetal Development/	
16	exp Birth Weight/	
17	Prenatal Exposure Delayed Effects/	
18	or/5-17	
19	4 and 18	
20	limit 19 to (biography or case reports or comment or congresses or consensus development conference or consensus development conference, nih or editorial or guideline or historical article or interactivetutorial or interview or introductory journal article or lectures or news or newspaper article or overall or patient education handout or practice guideline or "review" or "scientific integrity review" or systematic reviews)	
21	limit 20 to meta analysis	
22	20 not 21	
23	19 not 22	
24	limit 23 to humans	
25	(*corticosteroid" or *corticoid").mp.	
26	(pregnan* or labor or labour or gestation* or delivery* or preterm* or fetus or fetal or baby or babies or newborn* or neonat* or antenat* or prenat* or birth*).mp.	
27	25 and 26	
28	MEDLINE.st.	
29	27 not 28	
30	(biograph* or case report* or comment or congress* or conference* or editor* or tutorial* or interview* or lecture* or news* or handout* or guideline* or (review* not (meta analys* or metaanalys*))).mp.	

31	29 not 30	
32	exp Diabetes Mellitus/	
33	exp Hyperglycemia/	
34	or/32-33	
35	34 and 18	
36	exp Diabetes, Gestational/	
37	Pregnancy in Diabetics/	
38	or/36-37	
39	or/5-17	
40	38 and 39	
41	or/35,40	
42	4 and 41	
43	limit 42 to (biography or case reports or comment or congresses or consensus development conference or consensus development conference, nih or editorial or guideline or historical article or interactive tutorial or interview or introductory journal article or lectures or news or newspaper article or overall or patient education handout or practice guideline or "review" or "scientific integrity review" or systematic reviews)	
44	limit 43 to meta analysis	
45	43 not 44	
46	42 not 45	
47	limit 46 to humans	
48	diabet*.mp.	
49	31 and 48	
50	or/47,49	
51	remove duplicates from 50	
52	exp epidemiologic study/	
53	(trial* or comparative or meta analysis or metaanalysis or multicenter or observational or randomized or randomised or rct or cct or cohort or cross sectional or longitudinal or evaluation or prospective or retrospective or control*).mp.	
54	or/52-53	
55	51 and 54	P1-1
56	51 not 55	P1-2
57	exp Cesarean Section/	
58	(cesarean or cesarian or caesarean or caesarian).mp.	
59	or/57-58	
60	or/24,31	
61	60 and 59	
62	remove duplicates from 61	
63	62 and 54	P2-1
64	62 not 63	P2-2
65	exp "Bacterial Infections and Mycoses"/	
66	Pregnancy Complications, Infectious/	

67	or/65-66	
68	24 and 67	
69	(infect* or chorioamnionitis).mp.	
70	31 and 69	
71	or/68,70	
72	remove duplicates from 71	
73	72 and 54	P3-1
74	72 not 73	P3-2
75	exp *Fetal Development/	
76	(growth adj3 restrict*).mp.	
77	or/75-76	
78	24 and 77	
79	((fetal or fetus or baby or babies or restricted) adj3 (development or growth or maturity or weight)).mp.	
80	31 and 79	
81	or/78,80	
82	remove duplicates from 81	
83	82 and 54	P4-1
84	82 not 83	P4-2

Embase (via embase.com) 2021/6/6

set	query	Annotations
#1	'corticosteroid'/exp/mj/dd_do,dd_cm,dd_dt,dd_ad,dd_to,dd_ct,dd_it	
#2	'corticosteroid'/exp/dd_ae	
#3	#1 OR #2	
#4	#3 AND 'human'/de	
#5	#4 AND [embase]/lim NOT [medline]/lim	
#6	'parameters concerning the fetus, newborn and pregnancy'/exp	
#7	'fetus death'/exp	
#8	'labor complication'/exp	
#9	'prolonged pregnancy'/de	
#10	'fetus'/de	
#11	'newborn'/de	
#12	'prenatal care'/exp	
#13	'prenatal development'/exp	
#14	'prenatal exposure'/de	
#15	#6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14	
#16	#5 AND #15	
#17	'editorial'/de OR 'erratum'/exp OR 'note'/de OR 'review'/de	
#18	'meta analysis'/exp	
#19	#17 NOT #18	
#20	#16 NOT #19	
#21	'case report'/exp	
#22	#20 NOT #21	

#23	'diabetes mellitus'/exp	
#24	'hyperglycemia'/de	
#25	#23 OR #24	
#26	#22 AND #25	P1
#27	'cesarean section'/de	
#28	#22 AND #27	P2
#29	'infection'/exp	
#30	'chorioamnionitis'/de	
#31	#29 OR #30	
#32	#22 AND #31	P3
#33	'prenatal development'/exp/mj	
#34	#22 AND #33	P4

Cochrane Library (via Wiley) 2021/6/8

ID	Search	Annotations
#1	MeSH descriptor: [Adrenal Cortex Hormones] explode all trees	
#2	*corticosteroid* or *corticoid*	
#3	#1 or #2	
#4	MeSH descriptor: [Pregnancy] explode all trees	
#5	pregnan* or labor or labour	
#6	MeSH descriptor: [Pregnancy Outcome] explode all trees	
#7	stillbirth or livebirth	
#8	MeSH descriptor: [Fetal Death] explode all trees	
#9	MeSH descriptor: [Maternal Death] explode all trees	
#10	MeSH descriptor: [Obstetric Labor, Premature] explode all trees	
#11	MeSH descriptor: [Pregnancy, Prolonged] explode all trees	
#12	MeSH descriptor: [Obstetric Labor Complications] this term only	
#13	MeSH descriptor: [Fetus] this term only	
#14	fetus or fetal	
#15	MeSH descriptor: [Infant, Newborn] explode all trees	
#16	infant* or newborn* or neonate* or baby or babies	
#17	MeSH descriptor: [Prenatal Care] explode all trees	
#18	prenatal or antenatal or perinatal	
#19	MeSH descriptor: [Fetal Development] explode all trees	
#20	matur* or immatur* or prematur*	
#21	MeSH descriptor: [Birth Weight] explode all trees	
#22	MeSH descriptor: [Prenatal Exposure Delayed Effects] explode all trees	
#23	gestation* or birth* or offspring	
#24	#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	
#25	#3 and #24	
#26	MeSH descriptor: [Diabetes Mellitus] explode all trees	P1
#27	diabet* or dm	

#28	MeSH descriptor: [Hyperglycemia] explode all trees	
#29	hyperglycem*	
#30	MeSH descriptor: [Diabetes, Gestational] explode all trees	
#31	MeSH descriptor: [Pregnancy in Diabetics] explode all trees	
#32	#26 or #27 or #28 or #29 or #30 or #31	
#33	#25 and #32	
#34	handsrch	
#35	#33 and #34	P1
#36	MeSH descriptor: [Cesarean Section] explode all trees	
#37	cesarean or cesarian or caesarean or caesarian	
#38	#36 or #37	
#39	#25 and #38	
#40	#39 and #34	P2
#41	MeSH descriptor: [Bacterial Infections and Mycoses] explode all trees	
#42	infect*	
#43	MeSH descriptor: [Pregnancy Complications, Infectious] explode all trees	
#44	chorioamnionitis	
#45	#41 or #42 or #43 or #44	
#46	#25 and #45	
#47	#46 and #34	P3
#48	growth near restrict*	
#49	#25 and #48	
#50	#49 and #34	P4

CINAHL (via EBSCOhost) 2021/6/6

ID#	Search Terms	Search Options	Annotations
S1	(MM "Adrenal Cortex Hormones+/AD/DE/TU")		
S2	(MH "Adrenal Cortex Hormones+/AE")		
S3	S1 or S2		
S4	(MH "Pregnancy+")		
S5	(MH "Expectant Mothers")		
S6	(MH "Pregnancy Outcomes")		
S7	(MH "Perinatal Death")		
S8	(MH "Maternal Mortality")		
S9	(MH "Labor Complications+")		
S10	(MH "Labor, Premature")		
S11	(MH "Pregnancy, Prolonged")		
S12	(MH "Fetus+")		
S13	(MH "Infant, Newborn+")		
S14	(MH "Prenatal Care")		
S15	(MH "Fetal Development+")		
S16	(MH "Birth Weight")		

S17	(MH "Prenatal Exposure Delayed Effects")		
S18	S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16 or S17		
S19	S3 and S18		
S20	S19	Limiters - Human	
S21	S20	Limiters - Research Article; Exclude MEDLINE records	
S22	(MH "Metabolic Diseases") OR (MH "Diabetes Mellitus+")		
S23	(MH "Hyperglycemia")		
S24	(MH "Pregnancy in Diabetes+")		
S25	S22 or S23 or S24		
S26	S21 and S25		P1
S27	(MH "Cesarean Section+")		
S28	S21 and S27		P2
S29	(MH "Bacterial and Fungal Diseases+")		
S30	S21 and S29		P3
S31	(MH "Fetal Development+")		
S32	restrict* N3 (growth or development or matur*)		
S33	S31 or S32		
S34	S21 and S33		P4

WHO Global Index Medicus (via WHO-GIM site) 2021/6/8

	Search Terms	Annotations
	cortico AND (labor OR labour OR prematur* OR immatur* OR matur*) AND (diaebet* OR DM OR hyperglycem*)	P1
	cortico AND (labor OR labour OR prematur* OR immatur* OR matur*) AND (elective caesarean)	P2
	cortico AND (labor OR labour OR prematur* OR immatur* OR matur*) AND (infect*)	P3
	cortico AND restrict* AND growth	P4

Web of Science Core Collection (via Web of Science) 2021/6/8

Set	Searches	Annotations
# 1	CITED AUTHOR: (amiya r*) AND CITED YEAR: (2016)	Cited Reference Search