

**S1 Table. Search strategy.**

**PubMed**

#1	“Diabetes, Gestational”[MeSH]	8720	
#2	Diabetes, Pregnancy-Induced[tiab]	0	
#3	Diabetes, Pregnancy Induced[tiab]	0	
#4	Pregnancy-Induced Diabetes[tiab]	10	
#5	Gestational Diabetes[tiab]	9903	
#6	Diabetes Mellitus, Gestational[tiab]	1	
#7	Gestational Diabetes Mellitus[tiab]	5253	
#8	#1 or #2 or #3 or #4 or #5 or #6 or #7	12739	
#9	“Glyburide”[MeSH]	5811	
#10	Glybenclamide[tiab]	447	
#11	Glibenclamide[tiab]	7483	
#12	Diabeta[tiab]	8	
#13	Euglucon 5[tiab]	6	
#14	Neogluconin[tiab]	1	
#15	HB-419[tiab]	88	
#16	HB 419[tiab]	88	
#17	HB419[tiab]	8	
#18	HB-420[tiab]	7	
#19	HB 420[tiab]	7	
#20	HB420[tiab]	1	
#21	Maninil[tiab]	15	
#22	Micronase[tiab]	4	
#23	Daonil[tiab]	44	
#24	Euglucon N[tiab]	6	
#25	#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	9760	
#26	randomized controlled trial	536766	
#27	controlled clinical trial	613273	
#28	randomized	727135	
#29	placebo	193825	
#30	drug therapy	2706504	
#31	randomly	259820	
#32	trial	1152022	
#33	groups	1729302	
#34	#26 or #27 or #28 or #29 or #30 or #31 or #32 or #33	4837848	
#35	#8 and #25 and #34	121	

## EMBASE

#1	'Pregnancy diabetes mellitus'/exp	25846
#2	'Diabetes, Gestational':ab,ti	201
#3	'Diabetes, Pregnancy-Induced':ab,ti	34
#4	'Diabetes, Pregnancy Induced':ab,ti	34
#5	'Pregnancy-Induced Diabetes':ab,ti	9
#6	'Gestational Diabetes':ab,ti	15032
#7	'Diabetes Mellitus, Gestational':ab,ti	58
#8	'Gestational Diabetes Mellitus':ab,ti	7139
#9	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8	27146
#10	'Glibenclamide'/exp	21997
#11	'Glybenclamide':ab,ti	564
#12	'Glyburide':ab,ti	1854
#13	'Diabeta':ab,ti	688
#14	'Euglucon 5':ab,ti	10
#15	'Neogluconin':ab,ti	1
#16	'HB-419':ab,ti	95
#17	'HB 419':ab,ti	95
#18	'HB419':ab,ti	9
#19	'HB-420':ab,ti	10
#20	'HB 420':ab,ti	10
#21	'HB420':ab,ti	1
#22	'Maninil':ab,ti	19
#23	'Micronase':ab,ti	28
#24	'Daonil':ab,ti	72
#25	'Euglucon N':ab,ti	10
#26	#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 or #25	23015
#27	'Randomized controlled trial'/exp	415659
#28	#9 and #26 and #27	26

**CENTRAL (Cochrane Central Register of Controlled Trials)**

#1	MeSH descriptor: [Diabetes, Gestational] explode all trees	479
#2	Diabetes, Pregnancy-Induced:ti,ab	47
#3	Diabetes, Pregnancy Induced:ti,ab	99
#4	Pregnancy-Induced Diabetes:ti,ab	47
#5	Gestational Diabetes:ti,ab	1086
#6	Diabetes Mellitus, Gestational:ti,ab	829
#7	Gestational Diabetes Mellitus:ti,ab	829
#8	Pregnancy diabetes mellitus:ti,ab	1024
#9	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8	1385
#10	MeSH descriptor: [Glyburide] explode all trees	507
#11	Glybenclamide:ti,ab	6
#12	Glibenclamide:ti,ab	783
#13	Diabeta:ti,ab	2
#14	Euglucon 5:ti,ab	9
#15	Neogluconin:ti,ab	1
#16	HB-419:ti,ab	8
#17	HB 419:ti,ab	11
#18	HB419:ti,ab	5
#19	HB-420:ti,ab	8
#20	HB 420:ti,ab	17
#21	HB420:ti,ab	1
#22	Maninil:ti,ab	3
#23	Micronase:ti,ab	5
#24	Daonil:ti,ab	13
#25	Euglucon N:ti,ab	9
#26	#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 or #25	980
#27	#9 and #26	30 (27 Trials; 3 Other Reviews)