

Supplemental Table S2. Search Strategy: (B) Full Electronic Search Strategy for Cochrane Library

ID	Search
#1	MeSH descriptor: [Diabetes Mellitus, Type 2] explode all trees
#2	(diabetes):ti,ab,kw
#3	(diabetic):ti,ab,kw
#4	(T2D):ti,ab,kw
#5	(T2DM):ti,ab,kw
#6	(DM):ti,ab,kw
#7	#1 OR #2 OR #3 OR #4 OR #5 OR #6
#8	MeSH descriptor: [Metformin] explode all trees
#9	(biguanide):ti,ab,kw
#10	MeSH descriptor: [Dipeptidyl-Peptidase IV Inhibitors] explode all trees
#11	(dipeptidyl peptidase 4):ti,ab,kw
#12	(dipeptidyl-peptidase 4):ti,ab,kw
#13	(dipeptidyl peptidase-4):ti,ab,kw
#14	(dipeptidyl-peptidase-4):ti,ab,kw
#15	(dipeptidyl peptidase IV):ti,ab,kw
#16	(dipeptidyl peptidase-IV):ti,ab,kw
#17	(dipeptidyl-peptidase-IV):ti,ab,kw
#18	(DPP4):ti,ab,kw
#19	(DPP-4):ti,ab,kw
#20	(DPP IV):ti,ab,kw
#21	(DPP-IV):ti,ab,kw
#22	(sitagliptin):ti,ab,kw
#23	(vildagliptin):ti,ab,kw
#24	(linagliptin):ti,ab,kw
#25	(saxagliptin):ti,ab,kw
#26	(gemigliptin):ti,ab,kw
#27	(teneligliptin):ti,ab,kw
#28	(evogliptin):ti,ab,kw
#29	(anagliptin):ti,ab,kw
#30	(alogliptin):ti,ab,kw
#31	(sulfonylurea):ti,ab,kw
#32	(sulphonylurea):ti,ab,kw
#33	(glimepiride):ti,ab,kw
#34	(glibenclamide):ti,ab,kw
#35	MeSH descriptor: [Gliclazide] explode all trees

(Continued to the next page)

Supplemental Table S2. Continued

ID	Search
#36	MeSH descriptor: [Glipizide] explode all trees
#37	MeSH descriptor: [Sodium-Glucose Transporter 2 Inhibitors] explode all trees
#38	(sodium glucose cotransporter 2):ti,ab,kw
#39	(sodium-glucose cotransporter 2):ti,ab,kw
#40	(sodium glucose cotransporter-2):ti,ab,kw
#41	(sodium-glucose cotransporter-2):ti,ab,kw
#42	(SGLT2):ti,ab,kw
#43	(SGLT-2):ti,ab,kw
#44	(dapagliflozin):ti,ab,kw
#45	(empagliflozin):ti,ab,kw
#46	(canagliflozin):ti,ab,kw
#47	(ipragliflozin):ti,ab,kw
#48	(ertugliflozin):ti,ab,kw
#49	(antidiabetic):ti,ab,kw
#50	("hypoglycemic agent"):ti,ab,kw
#51	(OHA):ti,ab,kw
#52	#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 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51
#53	MeSH descriptor: [Blood Glucose] explode all trees
#54	(plasma glucose):ti,ab,kw
#55	(serum glucose):ti,ab,kw
#56	(fasting glucose):ti,ab,kw
#57	MeSH descriptor: [Glycated Hemoglobin] explode all trees
#58	(hba1c):ti,ab,kw
#59	(a1c):ti,ab,kw
#60	(glycosylated hemoglobin):ti,ab,kw
#61	#53 OR #54 OR #55 OR #56 OR #57 OR #58 OR #59 OR #60
#62	#7 AND #52 AND #61