

Supplementary Material

1 Supplementary Table

Search Strategy

Supplementary Table 1 PubMed

Search	Query	Items
#1	("Diabetes Mellitus" OR "DM" OR "T2DM" OR "Diabetes" OR "Type 1 diabetes" OR "Type 2 diabetes")	262256
#2	("Proton Pump Inhibitors"[Mesh]) OR ("Proton Pump Inhibitor") OR ("PPI") OR ("PPIs") OR ("Omeprazole") OR ("Lansoprazole") OR ("Pantoprazole") OR ("Rabeprazole") OR ("Esomeprazole")	52034
#3	#1 AND #2	300

Supplementary Table 2 Embase

Search	Query	Items
#1	'diabetes mellitus':ti OR 'dm':ti OR 't2dm':ti OR 'diabetes':ti OR 'type 2 diabetes':ti OR 'type 1 diabetes'	370748
#2	'proton pump inhibitor'/exp	91045
#3	'proton pump inhibitor' OR 'proton pump inhibitors' OR 'PPI' OR 'PPIs' OR 'Omeprazole' OR 'Lansoprazole' OR 'Pantoprazole' OR 'Rabeprazole' OR 'Esomeprazole'	120199
#4	#2 OR #3	117843
#5	#4 AND #1	741

Supplementary Table 3 Cochrane Library

Search	Query	Items
#1	MeSH descriptor: [Proton Pump Inhibitors] explode all trees	1563
#2	(Proton Pump Inhibitors) OR (Proton Pump Inhibitor) OR (PPI) OR (PPIs) OR (Omeprazole) OR (Lansoprazole) OR (Pantoprazole) OR (Rabeprazole) OR (Esomeprazole)	11166
#3	#1 OR #2	11166
#4	(diabetes mellitus):ti OR (dm):ti OR (t2dm):ti OR (diabetes):ti OR (type 2 diabetes):ti OR (type 1 diabetes)	43694
#5	#3 AND #4	63

Supplementary Table 4 Web of Science

Search	Query	Items
#1	TI=("Diabetes Mellitus" OR "DM" OR "T2DM" OR "Diabetes" OR "Type 2 diabetes" OR "Type 1 diabetes")	454900
#2	TS=(" Proton Pump Inhibitors " OR " Proton Pump Inhibitor " OR " PPI " OR " PPIs " OR " Omeprazole " OR " Lansoprazole" OR " Pantoprazole " OR " Rabeprazole " OR " Esomeprazole")	95100
#3	#1 AND #2	450