

Table S1 All definitions and the details of codes from PBS and MBS in this study

Items	Code
PBS—Medication used in the control of glaucoma	
Fixed-dose combination (FDC): 16 codes	8826M, 5535H, 10536M, 10547D, 3438Y, 5562R, 8567X, 5542Q, 10107Y, 10108B, 9464D, 5558M, 8895E, 5553G, 9057Q, 5555J
Beta-blocker: 15 codes	2811Y, 5543R, 2825Q, 5544T, 8803H, 5546X, 1925H, 5549C, 1926J, 5550D, 1279H, 5548B, 1278G, 5547Y, 1819R
Prostaglandin analogues: 10 codes	8620Q, 5551E, 10046R, 10053D, 8243W, 5552F, 2755B, 2748P, 8597L, 5554H
Cholinergic: 10 codes	2596P, 2595N, 2598R, 5537K, 5536J, 5538L, 2778F, 2597Q, 2535K, 2536L
Alpha-2 adrenergic agonist: 6 codes	8083K, 5298W, 8351M, 5563T, 5534G, 1351D
Carbonic anhydrase inhibitor (CAI): 4 codes	8483L, 5540N, 8488R, 5541P
Others: 3 codes	2664F, 2665G, 1005X
MBS—Surgical glaucoma	
Filtering related operations	42744, 42746, 42749
Laser related operation	42794, 42782, 42783, 42785, 42786
Cyclodestructive procedures	42770
Anterior chamber related operations	42758, 42764, 42761
Drainage device related operations	42752, 42755

PBS, Pharmaceutical Benefits Scheme; MBS, Medicare Benefits Schedule.

Table S2 Summary of population-based cohort studies evaluating the association between diabetes and glaucoma.

Authors	Study	Location	Year	Follow-up (years)	Number	Age (years)	DM type	Glaucoma	Statistically significant association	OR/RR	95% CI
Ellis <i>et al.</i> (21)	The Tayside Study	UK	2000	2	172,775	>40	Type 1 and 2	POAG	No	1.57	0.99-2.48
Le <i>et al.</i> (19)	The Visual impairment project	Australia	2003	5	3,271	>40	NA	POAG	No	–	–
Pasquale <i>et al.</i> (13)		USA	2006	20	998,292	>40	Type 2	POAG	Yes	1.82	1.2-2.7
De Voogd <i>et al.</i> (20)	The Rotterdam Study	Netherland	2006	6.5	3,837	>55	Type 1 and 2	POAG	No	0.65	0.2-1.64
Leske <i>et al.</i> (18)	The Barbados Eye study	Barbados	2008	9	3,222	40-84	NA	POAG	No	1.2	0.7-1.8
Wise <i>et al.</i> (14)	The BWHS	US	2011	12	32,570	21-69	Type 2	POAG	Yes	1.58	1.17-2.13
Newman-Casey <i>et al.</i> (12)		US	2011	6	2,182,315	>40	Type 1 and 2	POAG	Yes	1.35	1.21-1.5

DM, diabetes mellitus; OR, odds ratios; HR, hazard ratios; CI, confidence interval; POAG, primary open-angle glaucoma;