

Table S6. IGS case-control demographics in the MVP. Genetic ancestry of Veterans in the MVP was determined based on the Harmonized Ancestry and Race/Ethnicity (HARE) algorithm. IGS case-control status was determined based on documented IGS in the EHRs of Veterans in the MVP. IGS cases included individuals who had trabeculectomies or GDI documented in their EHR. IGS controls were POAG-affected Veterans in the MVP who did not have any IGS type documented in their EHR.

	African Ancestry						European Ancestry					
	IGS Cases			Controls	Total	<i>p</i> -value Any IGS ^a	IGS Cases			Controls	Total	<i>p</i> -value Any IGS ^a
	Trabeculectomy	GDI	Any IGS				Trabeculectomy	GDI	Any IGS			
N (% total)	123 (5.24)	149 (6.28)	223 (9.11)	2225 (90.89)	2448 (100)		107 (3.28)	156 (4.7)	222 (6.56)	3160 (93.44)	3382 (100)	
Average Age (SD)	68.62 (10.19)	68.13 (9.78)	68.5 (9.82)	66.65 (9.4)	66.82 (9.46)	0.0077	73.2 (8.94)	73.91 (8.52)	73.77 (8.65)	73.29 (9.61)	73.32 (9.55)	0.4341
N Males (% total)	119 (96.75)	145 (97.32)	216 (96.86)	2112 (94.92)	2328 (95.1)	0.2643	104 (97.2)	153 (98.08)	217 (97.75)	3046 (96.39)	3263 (96.48)	0.3837

Abbreviations: POAG = primary open-angle glaucoma, IGS = invasive glaucoma surgeries, MVP = Million Veteran Program, GDI = glaucoma drainage implants, Any IGS = trabeculectomy or GDI, SD = standard deviation.

^a*p*-values from Welch's *t*-test for age, and chi-square test for sex. Comparison between Any IGS cases and controls.