

**Supplementary Table 1.** Baseline demographic and clinical characteristics for eyes with finalized baseline visits.

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Eyes	4300
Patients	2333
Gender, % female patients	53.3%
Age, median years (Q1, Q3)	71 (65, 78)
IOP, median mmHg (Q1, Q3)	17 (14, 22)
Medications, median (Q1, Q3)	1 (0, 3)
CCT, median (Q1, Q3)	536 (512, 560)
Visual field MD, median (Q1, Q3)	-3.9 (-9.1, -1.3)
RNFLT, median (Q1, Q3)	74 (63, 85)

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**Supplementary Table 2.** Most common saved and finalized individual procedures

<b>Procedure Name</b>	<b>Frequency (%)</b>
Cataract and Lens Implant	3218 (35.7%)
iStent Inject G2	2316 (25.7%)
SLT (180 Degrees)	497 (5.5%)
Trabeculectomy	439 (4.9%)
Bleb Needling	397 (4.4%)
Hydrus	390 (4.3%)
Xen Implant	344 (3.8%)
Aqueous Shunt (With Reservoir) - Baerveldt 350 - 101	251 (2.8%)
SLT (360 Degrees)	245 (2.7%)
Peripheral Iridotomy	136 (1.5%)
iStent Inject G2W	118 (1.3%)
iStent G1	117 (1.3%)
Other Intraocular Surgery Excluding Cataract	80 (0.9%)
Cypass	58 (0.6%)
Revision of Glaucoma Device	55 (0.6%)
Posterior Vitrectomy	54 (0.6%)
Revision Trabeculectomy	54 (0.6%)
Removal of Intraluminal Stent From Aqueous Shunt	49 (0.5%)
Cyclodiode Laser Transscleral	44 (0.5%)
Revision of Baerveldt Tube	17 (0.2%)
Goniosynechiolysis	15 (0.2%)
ALT 180 Degrees	12 (0.1%)
ALT 360 Degrees	12 (0.1%)
Trabeculotomy	12 (0.1%)
Iridoplasty	11 (0.1%)
2nd Trabeculectomy	10 (0.1%)
Aqueous Shunt (With Reservoir) - Baerveldt 250	10 (0.1%)
Anterior Vitrectomy	9 (0.1%)

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Deep Sclerectomy	8 (0.1%)
Explant of Glaucoma Device	8 (0.1%)
Hemigatt Gonioscopy-assisted Transluminal Trabeculotomy (180Degrees)	6 (0.1%)
iTrack Ab Interno Canaloplasty	6 (0.1%)
Corneal Transplant Endothelial Transplant	5 (0.1%)
Preserflo Microshunt	5 (0.1%)
Paul Glaucoma Implant	4 (0%)
Cyclodiode Laser Endoscopic	3 (0%)
Drainage of Choroidal Effusions	3 (0%)
Corneal Refractive Surgery	2 (0%)

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