

Online Resource 3 Eligibility criteria

Key Inclusion Criteria
≥18 years of age
Diagnosis of OAG in the study eye, with >1 dB and <17 dB of mean deviation visual field loss on Humphrey perimetry (24-2 full threshold or SITA–standard program)
Diagnosis of OAG or ocular hypertension in the fellow eye that, in the investigator’s opinion, could be treated adequately with topical bimatoprost 0.03% monotherapy
History of a minimum of approximately 20% IOP lowering in response to a topical PGA ocular hypotensive medication
Iridocorneal angle in the study eye ≥3 inferiorly (Shaffer grade), based on clinical gonioscopy, and of sufficient size to fit an implant without corneal endothelial cell touch on optical coherence tomography, as determined by an independent reading center
Post-washout IOP between 22 and 36 mm Hg (inclusively) in both eyes at hour 0 (8 AM ± 1 hour) at the baseline visit
Key Exclusion Criteria
History of posterior capsule tear during cataract surgery
Any ocular surface finding with severity greater than trace on biomicroscopic examination at baseline
History of conjunctival hyperemia with severity greater than mild, due to bimatoprost or other PGA use
History of narrow-angle or closed-angle glaucoma
Central corneal thickness <470 μm or >630 μm, or a difference between eyes >70 μm
Central corneal endothelial cell count <2000 cells/mm ² by specular microscopy

IOP intraocular pressure, *OAG* open-angle glaucoma, *PGA* prostaglandin analog, *SITA* Swedish interactive thresholding algorithm