

Canaloplasty: Proven Safe With Low Intraoperative & Postoperative Complications

Canaloplasty provides an improved safety profile with infrequent intraoperative and postoperative complications and does not result in bleb-related issues compared to traditional or more invasive glaucoma surgery, such as trabeculectomy.²

Early Post-operative / Surgical Complications (≤90 Days)	Canaloplasty ¹	Trabeculectomy ²
Early elevated IOP	6.4%	Not reported
Hyphema	10.2%	24.6%
Descemetic membrane detachment / perforation	3.2%	N/A
Suture extrusion through trabecular meshwork	1.3%	N/A
Hypotony	0.6%	24.3%
Flat / shallow anterior chamber	0%	24.1%
Choroidal detachment	0%	14.1%
Endophthalmitis	0%	0.1%
Late Post-operative Complications (>90 days post-op)	Canaloplasty	Trabeculectomy
Late elevated IOP	6.4%	Not reported
Blebs at 3 years	2.5%	(100%)
Suture extrusion through trabecular meshwork	0.6%	N/A
Endophthalmitis	0%	0.2%
Choroidal effusion	0%	0%
Hypotony	0%	0%
Hyphema	0%	0%

Trabeculectomy hypotony incidence is reported to be between 10% and 37%, and hyphema incidence is between 8% and 42%.³⁻⁶

Results from multicenter, prospective clinical studies show the safety of Canaloplasty²

References: 1. Lewis RA, von Wolff K, Tetz M, et al. Canaloplasty: Three-year results of circumferential viscodilation and tensioning of Schlemm's canal using a microcatheter to treat open-angle glaucoma. *J Cataract Refract Surg* 2011 [in press]. 2. Lewis RA, von Wolff K, Tetz M, et al. Canaloplasty: circumferential viscodilation and tensioning of Schlemm canal using a flexible microcatheter for the treatment of open-angle glaucoma in adults. Two-year interim clinical study results. *J Cataract Refract Surg*. 2009; 35(5):814-23 3. Gedde SJ, Herndon LW, Brandt JD, et al. Surgical complications in the tube versus trabeculectomy study during the first year of follow-up. *Am J Ophthalmol*. 2007;143:23-31. 4. Scott IU, Greenfield DS, Schiffman J, et al. Outcomes of primary trabeculectomy with the use of adjunctive mitomycin. *Arch Ophthalmol*. 1998;116:286-91. 5. Jampel HD, Musch DC, Gillespie BW, et al. Perioperative complications of trabeculectomy in the CIGTS. *Am J Ophthalmol*. 2005;140:16-22. 6. Edmunds B, Thompson JR, Salmon JF, Wormald RP. The National Survey of Trabeculectomy. III. Early and late complications. *Eye*. 2002;16:297-303.