



 Sociedad Oftalmológica de Madrid

MIGS:
¿CIRUGIA PARA TODOS LOS OFTALMOLOGOS?

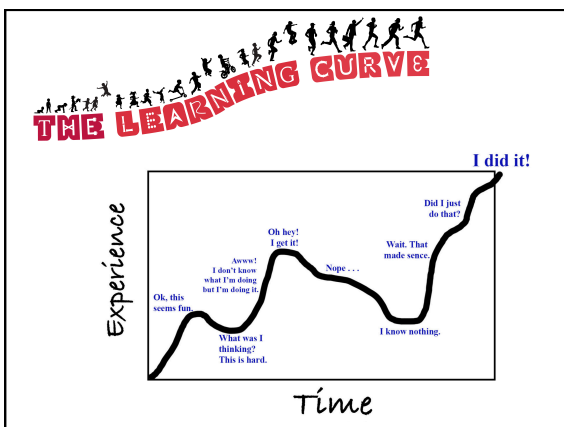
JOSE MARÍA MARTÍNEZ DE LA CASA
HOSPITAL CLÍNICO SAN CARLOS
UNIVERSIDAD COMPLUTENSE





¿LAS PUEDEN HACER?

SI



THE LEARNING CURVE

Experience

Time

Ok, this seems fun

What was I thinking? This is hard.

I know nothing.

Nope...

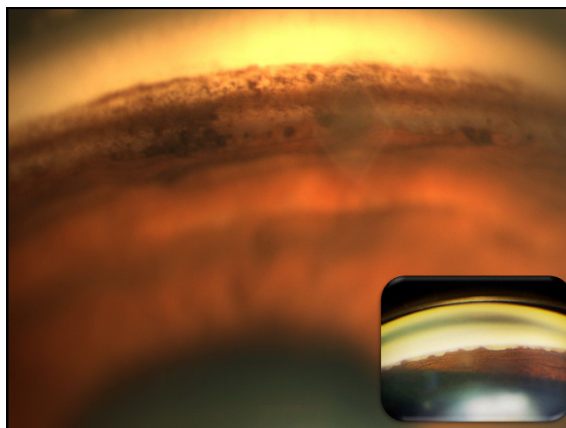
Wait. That made sense.

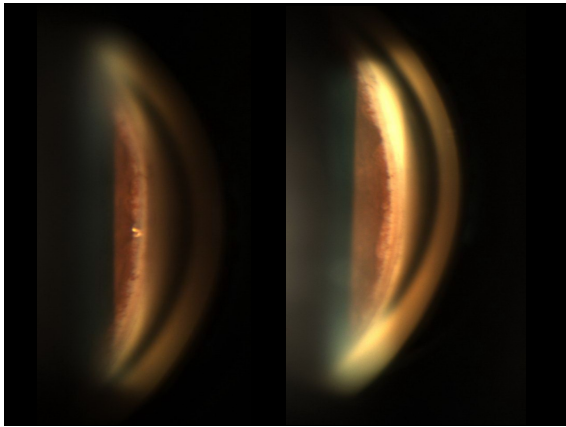
Did I just do that?

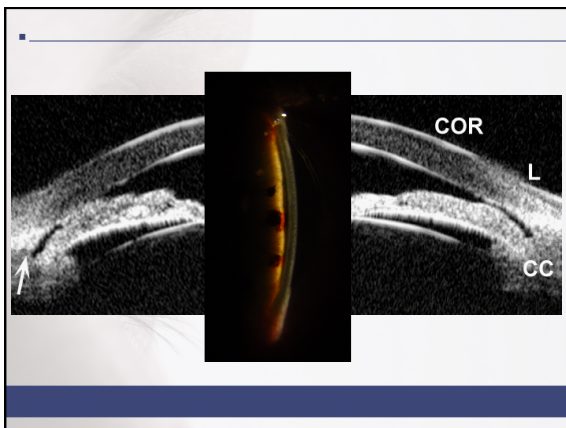
I did it!

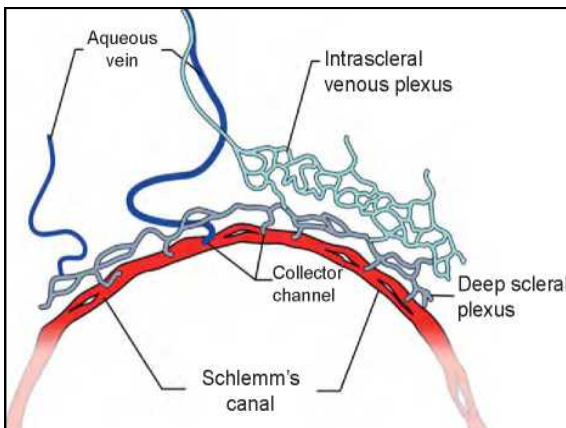




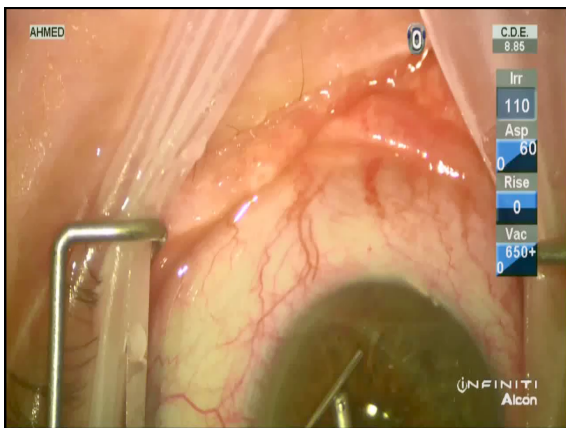




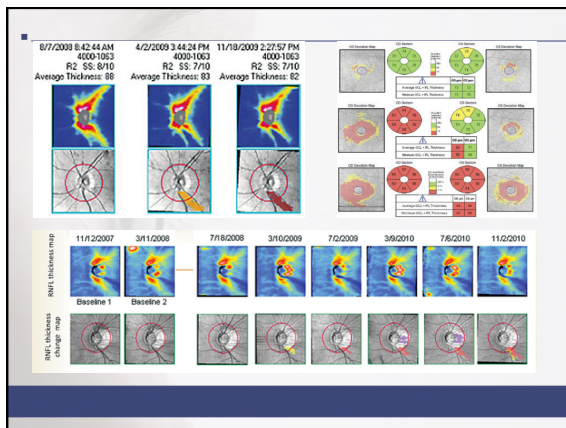
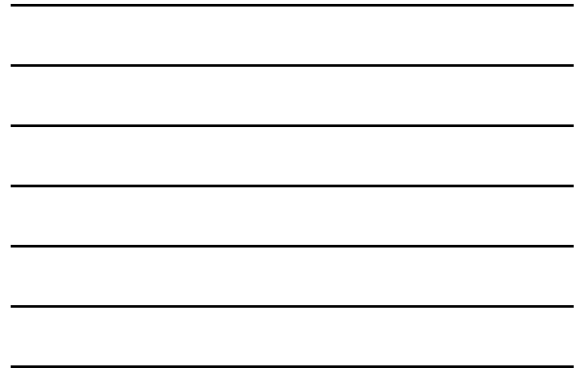












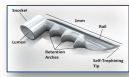
ISTENT GLAUKOS® GTS-100
Complicaciones

Table 3. Frequently Reported Postoperative Ocular Complications (≥2%) through Month 12

Complication	IStent with Cataract Surgery N = 111	Cataract Surgery Only N = 122
Anticipated early postoperative event	14 (13%)	15 (12%)
IStent obstruction by iris, vitreous, fibrous overgrowth, fibrin, blood, and so forth	4 (4%)	0 (0%)
Posterior capsular opacification	3 (3%)	8 (7%)
IStent malposition	3 (3%)	0 (0%)
Subconjunctival hemorrhage	2 (2%)	2 (2%)
Elevated IOP, other	2 (2%)	1 (1%)
Epithelial membrane	2 (2%)	1 (1%)
Iris atrophy	2 (2%)	0 (0%)
Blurry vision or visual disturbance	1 (1%)	6 (5%)
Iritis	1 (1%)	6 (5%)
Dry eye	1 (1%)	2 (2%)
Elevated IOP requiring treatment with oral or intravenous medications or with surgical intervention	1 (1%)	2 (2%)
Macular edema	1 (1%)	2 (2%)
Foreign body sensation	0 (0%)	3 (2%)
Allergic conjunctivitis	0 (0%)	2 (2%)
Mild pain	0 (0%)	2 (2%)
Rebound inflammation from tapering steroids	0 (0%)	2 (2%)



ISTENT GLAUKOS® GTS-100 RESULTADOS

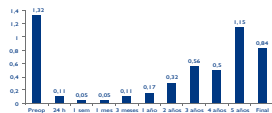
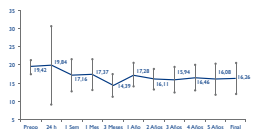


Combined iStent trabecular micro-bypass stent implantation and phacoemulsification for coexistent open-angle glaucoma and cataract: a long-term study

Pedro Arriola-Villalobos,¹ José María Martínez-de-la-Casa,² David Díaz-Valle,³ Cristina Fernández-Pérez,⁴ Julián García-Sánchez,^{2,4,5} Julián García-Feijóo^{2,5}

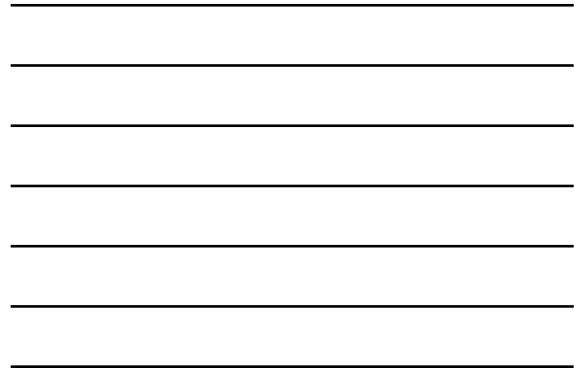
Br J Ophthalmol 2012

- 2 iStent + faco
- Seguimiento medio de 53 meses




Visit	Cohort 1 (n=93)	Cohort 2 (n=152)
Preop	19.43	16.4
1 Month	13.94	15.2
1 Year	13.74	15.2
2 Years	17.27	16.0
3 Years	17.28	16.7
4 Years	15.34	15.9
5 Years	16.46	16.5
Final	16.24	16.5

Visit	Cohort 1 (%)	Cohort 2 (%)
Preop	1.4	0.4
1 Month	0.11	0.05
1 Year	0.05	0.05
2 Years	0.11	0.17
3 Years	0.32	0.56
4 Years	0.54	0.5
5 Years	1.15	0.84
Final	1.32	0.84



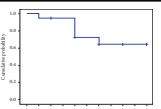
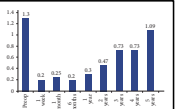
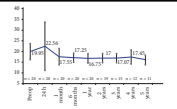
ISTENT GLAUKOS® GTS-400 RESULTADOS



Glaukos iStent inject® Trabecular Micro-Bypass Implantation Associated with Cataract Surgery in Patients with Coexisting Cataract and Open-Angle Glaucoma or Ocular Hypertension: A Long-Term Study

Pedro Arriola-Villalobos,^{1,2} José María Martínez-de-la-Casa,^{3,4} David Díaz-Valle,^{1,5} Laura Morales-Fernandes,^{2,6} Cristina Fernández-Pérez,^{2,6} and Julián García-Feijóo^{2,5}

Journal of Ophthalmology



Visit	Cohort 1 (n=93)	Cohort 2 (n=152)
Preop	19.43	16.4
1 Month	13.94	15.2
1 Year	13.74	15.2
2 Years	17.27	16.0
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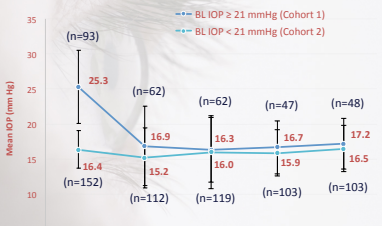

Visit	Cohort 1 (%)	Cohort 2 (%)
Preop	1.4	0.4
1 Month	0.11	0.05
1 Year	0.05	0.05
2 Years	0.11	0.17
3 Years	0.32	0.56
4 Years	0.54	0.5
5 Years	1.15	0.84
Final	1.32	0.84



Multicenter 3-Year Results After Combined Cataract Surgery and Supraciliary Micro-Stent Implantation for Open-Angle Glaucoma

Hemal HEP, Suresh Chandra, Shantanu Ghosh, Alberto Ariola, Gal Elm, Sandeep Gupta, Julián García-Feijóo, José María Martínez-de-la-Casa, Nayla Rey, Susanto Mukherjee

2016 Congress of the ESCRS, Copenhagen, Denmark, 19-24 September 2016



Visit	Cohort 1 (n=93)	Cohort 2 (n=152)
Baseline	25.3	16.4
1 Month	16.9	15.2
1 Year	16.3	16.0
2 Years	16.7	15.9
3 Years	17.2	16.5

In Cohort 1 (BL IOP ≥ 21 mmHg), IOP reduction at M12, M24, and M36 was 34%, 30% and 28%, respectively.

In Cohort 2 (BL IOP < 21 mmHg), IOP control was maintained.

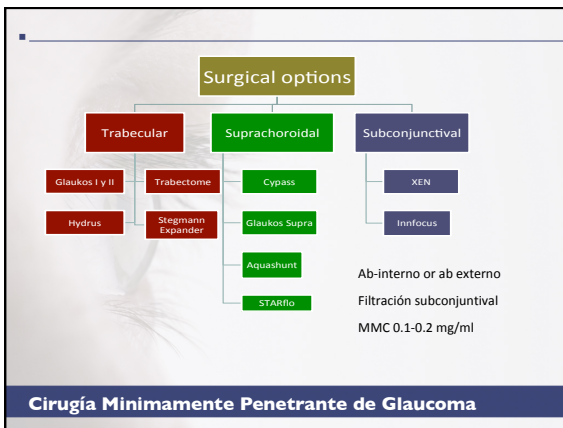
Abbreviations: BL, baseline; IOP, intraocular pressure; SD, standard deviation; M, month.

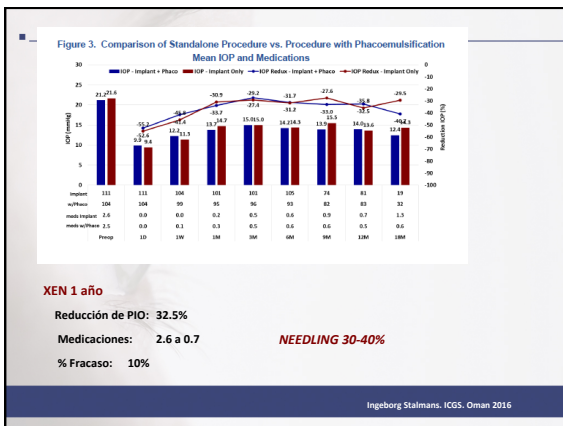


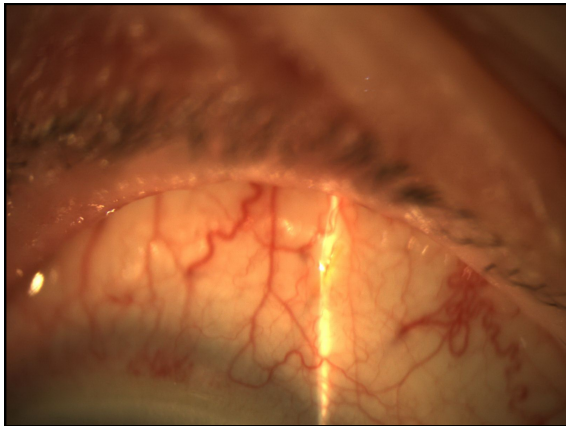
Adverse Events

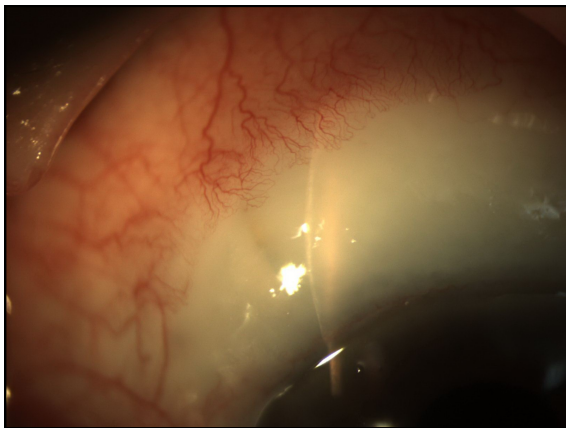
Event type	n (%)	Event type	n (%)
CyPass obstruction	22 (9.0)	Secondary glaucoma surgery	22 (9.0)
Retinal complication	10 (4.1)	Other surgery	7 (2.9)
BCVA loss 2 or more lines	9 (3.7)	Combined secondary glaucoma surgery/ CyPass explantation	2 (0.8)
AC inflammation	8 (3.3)	CyPass reposition	2 (0.8)
IOP ≥ 10 mm Hg vs preoperative	7 (2.9)	CyPass obstruction lysis	2 (0.8)
Visual field loss	7 (2.9)	Combined cataract and secondary glaucoma	1 (0.4)
CyPass endothelial touch	4 (1.6)	Cataract surgery	1 (0.4)
Corneal event	3 (1.2)	CyPass explantation	1 (0.4)
Device deficiency	3 (1.3)		

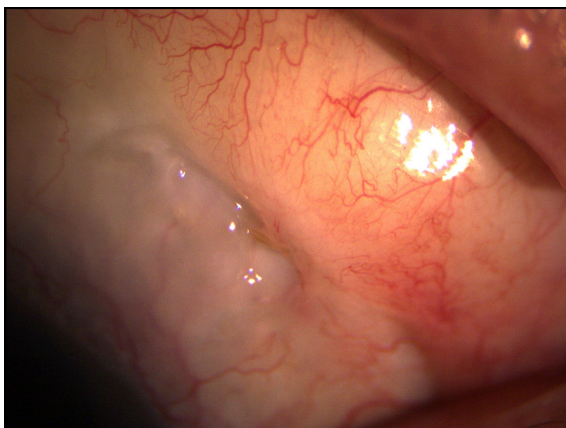
Abbreviations: BCVA, best-corrected visual acuity; IOP, intraocular pressure; M, month.













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Muchas gracias
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