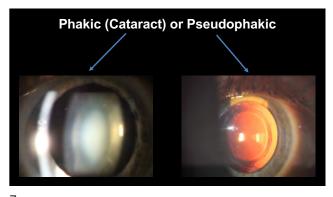




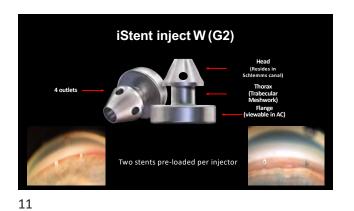
Minimally Invasive Glaucoma Surgery (MIGS) Procedures that have an ab-interno approach, are minimally traumatic, with at least modest efficacy, extremely high safety and rapid recovery.

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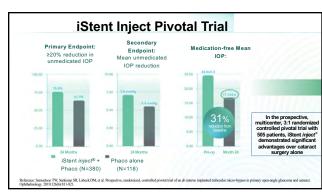




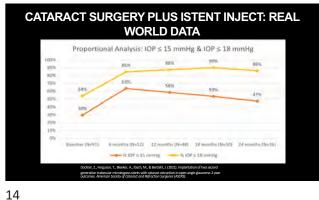
MIGs								
Trabecular Meshwork / Schlemm's Canal				Suprachoroidal/ Supraciliary	Subconjunctival	Cyclophoto- coagulation		
Stents	Ablation	Cutting	Dilation			Endoscopic Transcleral		
iStent iStent Inject Hydrus iStent Infinite	Trabectome	Kahook Dual Blade iAccess GATT Sion	ABIC (Ab-interno Canaloplasty) iPrime Streamline OMNI (combo)	Cypass ^{xx} iStent-Supra*	Xen Microshunt*	ECP G6/MP3		
	http://gluxcomanow.com/media24823/gluxcoma_issue_3_2016-web.pdf							

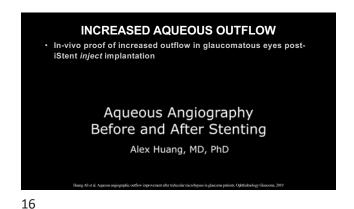


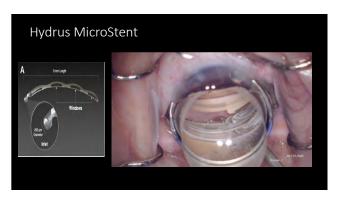


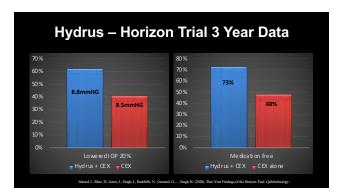


12 13

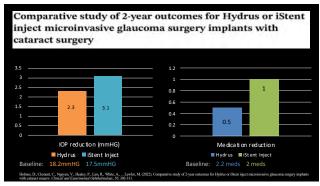


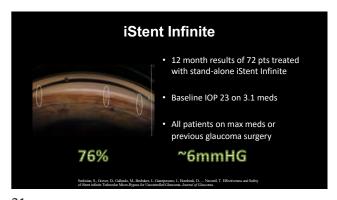


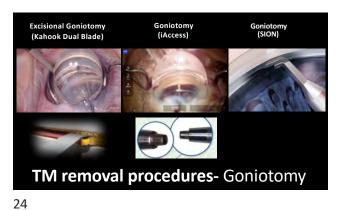








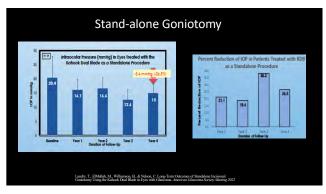


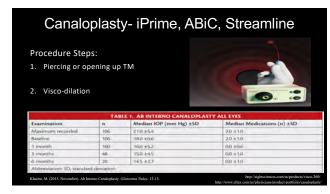


	Preoperative N=71	(1-3 days) N=60	Week 1 (4-14 days) N=59	Month 1 (15-59 days) N=67	Month 3 (60-120 days) N=56	Month 6 (121-270 days) N=60	Month 12 (271-455 days) N=48
Mean IOP	17.4± 5.2	13.3± 3.9	13.4± 4.8	13.6± 3.4	12.6± 2.6	12.7± 2.3	12.4± 3.4
Mean Difference	Reference	-4.1*	-4.0*	-3.8*	-4.8*	-4.7*	-5.0*
OP Percent Change	Reference	24%	23%	22%	28%	27%	29%
Mean Meds	1.6± 1.3	0.4± 0.9	0.7± 1.1	0.7± 0.9	0.9± 1.1	0.9± 1.1	0.6± 0.8
Mean Difference	Reference	-1.2*		-0.9*			-1.0*
Meds Percent Change	Reference	75%	56%	56%	44%	44%	63%

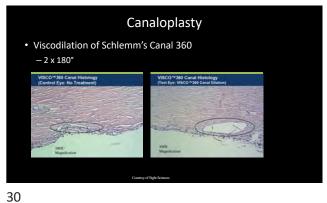
KDB Survey – AE							
	Intraoperative	Day 1 (1-3 days)	Week 1 (4-14 days)	Month 1 (15-59 days)	Month 3 (60-120 days)	Month 6 (121-270 days)	Month 12 (271-455 days
	N=122	N=108	N=104	N=116	N=91	N=92	N=68
Blood Reflux/Retained Heme	38.5%	10.2%					
Difficulty Removing TM	1.6%						
Cyclodialysis Cleft	0.8%						
Descemet Tear	0.8%				- 16		
Iridodialysis	0.8%				43		
Irritation		0.9%					
Hypotony		0.9%					
Corneal Edema		0.9%					
PAS							
Reoperation for high IOP							
IOP Spike					_		
Inflammation		0.9%					
Choroidal detachment							
Hazy vision					Control of the last		
Capsular opacification							
CME							
Pain						1.1%	1.5%
Floaters					2.2%		
Glare					1.1%		

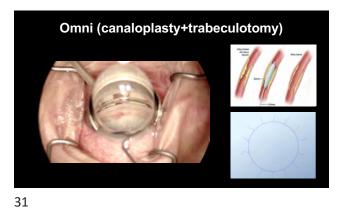
25 26

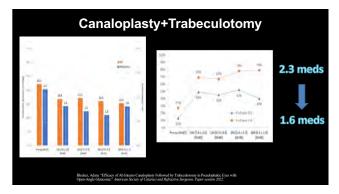




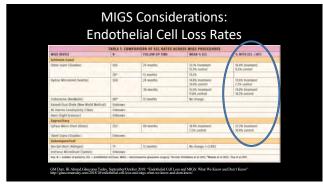
27 29













Xen 45 Gel Stent: US Pivotal Clinical Trial							
Visits – IOP and Medications	Mean						
Baseline							
Medicated IOP	25.1 (3.7)						
Glaucoma Meds	3.5 (1.0)						
12 Month							
IOP	15.9 (5.2)						
Glaucoma Meds	1.7 (1.5)						
76.3% of patients reported a mean diurnal IOP reduction of							
\geq 20% from medicated baseline at 12 months							
FDA approves Xen gel stent for glaucoma (2016, November 28). In American Academy of Ophthalmology .							

Postoperative Adverse Events

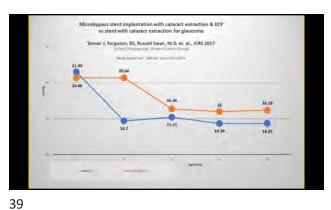
Hypotony 16 (24.6%) (IOP < 6 mmHg at any time)

Anterior chamber shallow 1 (1.5%) with peripheral irido-corneal touch
Anterior chamber fill 1 (1.5%)

Bleb Needling 21 (32.3%)

36 37





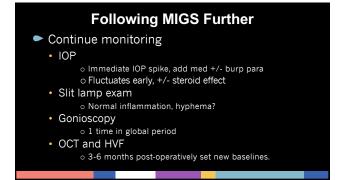
38 3

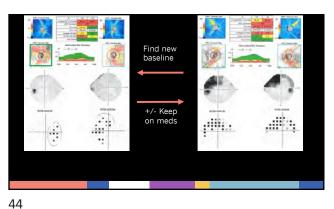




40 41

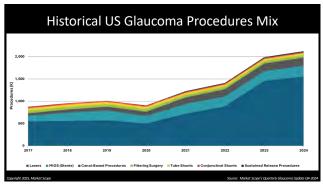






How Do You Decide? When we want to maximize safety -Ca When we want to maximize quick visual recovery -When we need greater efficacy, and are willing to take a bit more risk, but still want greater safety than transcleral - iStent infinite or Xen Quick progressing glaucoma and a need for low IOP - Transcleral, Trab, or Tube

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46 47