

**NEW VISION SPECIALIST EYE CLINIC (NVSEC)
CHRONIC GLAUCOMA (CG) - 1 year review at NVSEC (April 2019)**

All Glaucoma consultations (1st time presenters + revisits) in the year 2017

M = 373	F = 209		TOTAL = 582
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1st time presenters diagnosed to have Glaucoma (All types)

M = 82	F = 53		TOTAL = 135
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1st time presenters diagnosed to have Chronic Glaucoma (POAG + CACG)

(POAG = Primary Open Angle Glaucoma, CACG = Chronic Angle Closure Glaucoma)

M = 58 (58%)	F = 42 (42%)		TOTAL = 100 (100%)	All
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M = 18 (60%)	F = 12(40%)		TOTAL = 30 (100%)	Not on Treatment
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General Profile of first time presenters diagnosed to have Chronic Glaucoma

	Age	Known to have CG before 1st visit at NVSEC	Duration CG Diagnosis	Glaucoma treatment before attended at NVSEC	Clinical Parameters at First Presentation							
					IOP (mmHg)		vCD ratio		Visual status - Per person			
					All				Normal Vision	Unilateral Blindness	Bilateral Blindness	
					RE	LE	RE	LE	77 (77%)	45 (45%)	9 (9%)	
Number	100	100	74	100	100	97	86	85				
Mean	60.2 yrs	YES = 74	3.6 yrs	YES = 70	25	26	0.87	0.87	Treated patients; N=70 (Med only 39, Surg only 14, Surg+Med 17)			
Min	28 yrs	NO = 26	0.08 yrs	NO = 30	6	7	0.50	0.50				
Max	89 yrs		21 yrs		59	68	1.00	1.00				
					Not on Treatment				Normal Vision	Unilateral Blindness	Bilateral Blindness	
					RE	LE	RE	LE	20(66.7%)	16 (53%)	3 (10%)	
Number	30	30	4	30	30	29	29	29				
Mean	61 yrs	YES = 4			32.6	32.9	0.86	0.85				
Min	28 yrs	NO = 26			15	21	0.50	0.50				
Max	89 yrs				56	55	1.00	1.00				

Clinical Practices at NVSEC

Gonioscopy performed=44 eyes	Target IOP set per eye		Assigned Target IOP groups Vs Main Treatment types offered (per eye)			
	RE	LE	Target IOPs (mmHg)		Medical treatment	Surgical treatment
Confirmed Dx/Number of gonio performed	N = 86	N = 85	Gr I (Early Disease) < 21		5	1
	51/86	53/85	Gr II (Moderate Disease) < 18		38	4
POAG = 6/22	59.3%	62.4%	Gr III (Advanced Disease) ≤12		67	49
CACG = 22/22			TOTAL		110	54

Clinical Outcomes at the end of One year of Follow Up Reviews (FUR)

Adherence on Follow up reviews	Target IOP reached per group/ present at end 1 yr			Final IOPs (mmHg) per treatment type			Visual Status at the end of FUR - per person; N=66		
		Med Rx	Surg Rx		Med Rx	Surg Rx	Normal Vision	Unilateral Blindness	Bilateral Blindness
34 lost for FUR									
66 completed 1 yr FUR	Gr I	1 out 3	Not known	No. (eyes)	75	17			
Mean no of visits = 3.5, Range (1-13)	Gr II	22 out 26	0 out 1	Mean	16.77	15.41	51(77.3%)	25 (37.9%)	6 (9.1%)
	G III	16 out 37	7 out 15	Range	8 - 54	10 -25			

