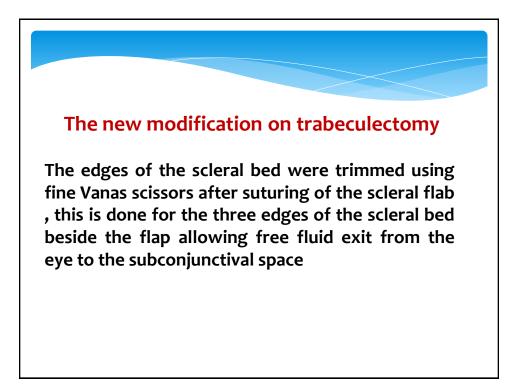
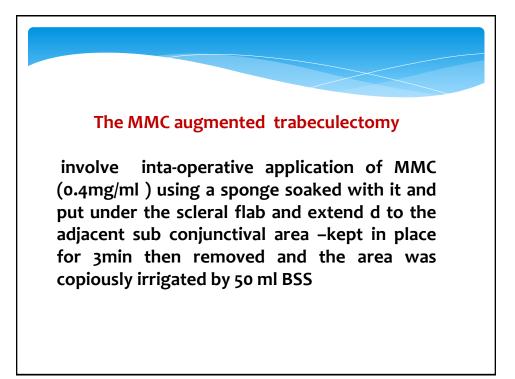
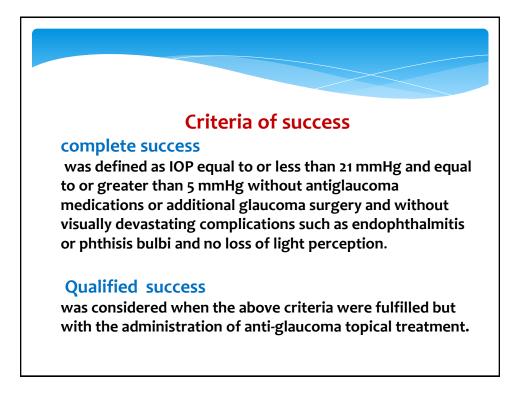


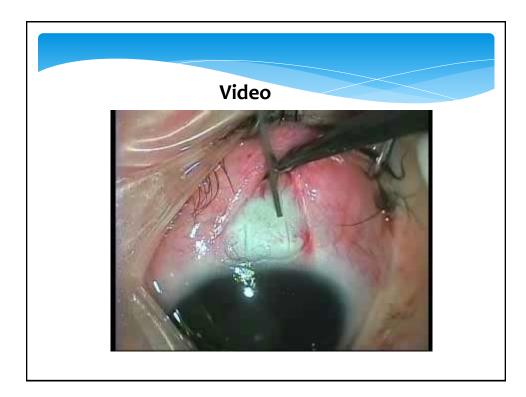


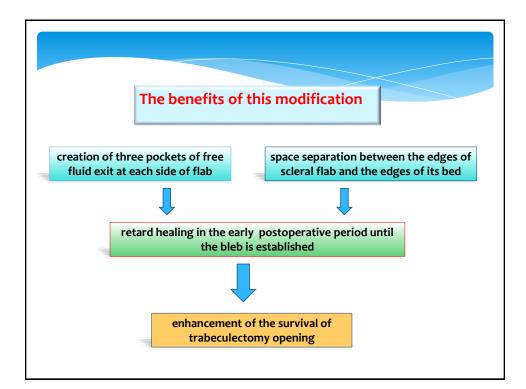
- * 50 eyes of 50 patients diagnosed as primary congenital glaucoma
- * Patients were assigned into two groups, (25eyes) each
- * The 1st group (group I) treated by newly modified trabeculectomy operation
- The second group (group II) standered mitomycin C augmented trabeculectomy(0.4mg/ml) and served as a control group







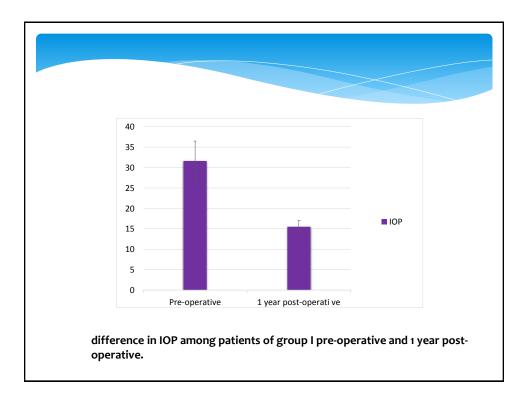


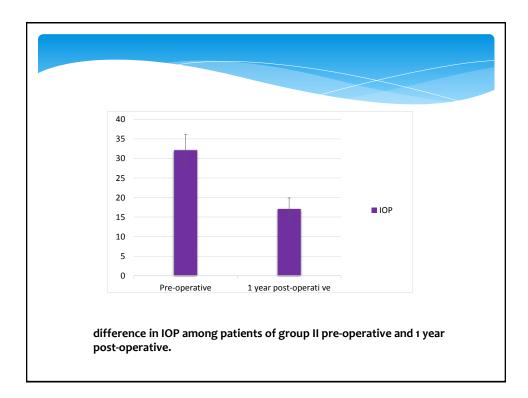


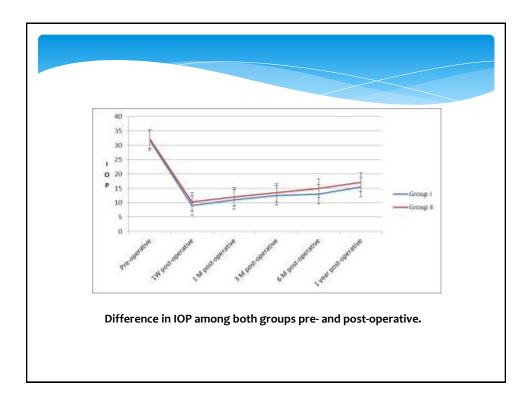
Results: le (1); Demographic data of the patients							
	Modif trab	MMC trab	Sig test	P value			
No of pt	25	25					
No of eyes	25	25					
Age mean±sd (m) Rang	2.4 ± 0.5 2.5-6 m	2.5 ± 0.4 1.5 – 4.5 m	0.78*	0.44			
Gender Male Female	12 13	14 11	0.32#	0.57			
Preoperative primary cong. gl	25	25					
Preop. IOP (mean ±SD)	31.6 ± 4.9	32.1 ± 4.0	0.395*	0.69			
Preop. Corneal diameter (mean ±SD)	12.5 ± 1.5	13. ± 1.2	1.3*	0.199			

Table (2) S	iurgical su	uccess of l	both grou	ps				
	Comple success		Qualifie success	d	Failu	re	Tota I	
groups	No	%	No	%	No	%	No	Р
Group 1	19	76	2	8	4	16	25	0.46
Groups II	17	68	5	20	3	12	25	
Total	36	72	7	14	7	14	50	
(chi-sq. test) P value	(0.397*)	0.53	(1.5 [#]) 0	.22	(0.160 0.68	5*)		

Table (3): S visits of fo	how the mea llow up:	n IOP level pr	reoperative	and post op		
	Pre op lop	1w post	1m lop	3m lop	bm ^{lop}	
	X ± SD	ор	X ± SD	X ± S	X ± SD	lop ^{1year}
		X ± SD				
Group I	31.6 ± 4.9	9 ± 1.0	11 ± 3.2	12.5 ± 0.9	13 ± 2.9	15.5 ± 1.5
Ρ						
Group II	32.1 ± 4.0	10.3 ± 1.2	12 ± 2.5	13.5 ± 1.7	15 ± 1.5	17.1 ± 2.8
Ρ						
t-test	0.395	3.86	3.18	4.3	3.4	4.04
Ρ	0.69	<0.001*	0.002**	<0.001*	0.002**	<0.001*







	Group I 25 eyes		Group II 25 eyes		Total		(chi-sq.) F	
	No	%	No	%	No	%	value	
Operative:								
hyphema	1	4	2	8	3	6	(0.35) 0.55	
Early postoperative:								
Shallow ac	3	12	2	8	5	10	(0.22) 0.64	
Choroidal effusion	1	4	1	4	2	4		
Late postoperative:								
Drown up pupil	1	4		0.0	1	2	(0.16) 0.69	
high IOP>21 e ttt	4	16	2	8	6	12	(0.76) 0.38	
infection& no PL		0.0	1	4	1	2	(0.16) 0.69	

Conclusion and recomendations *It enhanceent of the survival of trabeculectomy opening *By this method the tension on scleral sutures is of no value as the aqueous find its way to the subconjunctival space without the need to loosen one or two of the sutures which cannot be standardized *The results were at least as MMC trabeculectomy but without the fear of MMC complications. *No added cost to the operation. *We invite glaucoma surgeon to use this technique as an

*We invite glaucoma surgeon to use this technique as an alternative to MMC when it is indicated in trabeculectomy.

