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Abstract

Key Words: Lens induced glaucoma, phacolytic glaucoma, phacomorphic glaucoma, visual acuity, intra ocular pressure.

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INTRODUCTION

r p r e v r n I n
 , amm g w h i ch
 p r o p o r h
 r a I l I G r e
 y op e n(P h a g l
 r p h I r r p e
 p r r g e r d p r o g
 g op op e r a n e n u a r d
 s y w a s c o u t h u r s t a n d h u s f
 r e l p b p e r a
 p a i l m , d g n

The final visual outcome. A detailed clinical examination of both eyes included assessment of visual acuity by

In r , h g i p y w
 In m o p I O P m n h
 unt r yul r e t i n g
 p e r o f h r o B v
 o a t h r o i n h
 y g g , h y h g , p r s e
 r o d w e r h r w n
 h a g e r w p o b n r
 h h n f d a h O P p r e
 o p e r a p r a h V n w n
 e e s p a h n g
 w e r e g i w h n e i e d

Inclusion Criteria:

- P h a n p h g l a n
- h w a t r i o r c h n r
- I n t u m u s c a t a c t
- I O P
- P h a c o l y c g l a u c o m a
- D p a r i o r c h n r
- H p e r m a n e a a d
- I O P
- V r i g d r e e e

Exclusion Criteria:

- P a v h a p r i m y g l a u c o m a .
- O t h e r s d r y g l a u c o m a
- E r i l I G v i l e o n h d e c o m p e n s a t i o n .
- P a v h a p e r c e p t i o n g h
- A r m n r i l p a i o r h n r i n i g m l p e r s i p s e u m l i c l r a d
- P h s r g e r y p o g e n e r a l c o n d i t i o n

Statistical Study—Data analysis is done by using

q t s p a v h p p l v p u 0.05 being s i g n i f i c a n t .

Preoperative medical line of treatment:

I h p r p e r h d O P p i c h i c e , o r a l a n t w i c e a v e n

h n e q e f i n r i s
 p h h r h g i v e r d y
 b s r g e r y , 6 g d
 w e r e u d r e t h
 i d r a p r o n)
 h y g p r o p h p r p e r i
 h n p h y g h , p i p r c h
 e r y w o h s w a s h

Surgical line of management:

h a i r w e h a t a v i h
 I O m h g a d r o g v h
 a w f o m p h w h r w e h
 s r g e r h a w h f n g e r y ,
 i r r p h n O P I h h f
 p e r h h h h r s a w p p h
 f r n l y h o o p o t o r
 P h p a t a v h O L
 i n p h w h o u g h a i o r h n r
 w a s h i t h a s g i v d
 h p a r o d e , o i d
 h a s g i v h g w i t h
 i o p p e r h w d , h
 p a h e p h o m i ,
 h i p l i c , t w i g I f
 e r a p r c a h r t o s e
 d h v g h i O P p a h
 h g h r s i t p i d h %
 t w y w e r e h a v e r e v e d
 u p e g h p p e r h 7 2 f
 a y i p a v e r e s r h
 i t , I O P h n ,
 h n p h i o r g m t p o i o r
 p o h i h e o p h n p d
 l e n s .

Conclusion

h n p l i n p c
 o p e r a v a s , i v e d
 h n a p a h r o v e r e v y
 f v p e r a o p o e r a
 h n p o o p h p p t n 6
 h r a r h n a r i n g h
 h r e i h r h a a
 p r a p r g l O P v h
 r e g a g o h a w a
 done

RESULTS

O u t r a d u r a t h o m 54 w e r e i n o n
 g l a u c o m a w h i c h c o r r i b u t e s t o 20% o f a l l c a s e s i n c a t

Table 1: Magnitude of lens induced glaucoma

	No. Of Cases	Percentage
Cataract	2672	100
Lens Induced Glaucoma	54	2.02

ever eg r oup ed p hon h p h g h h t j
s wer ep h n p h h e r ep h y , h g h n p h n n
p h a c o l y t i c g l a u c o m a . The d i s t r i b u t i o n i s s h o w e d i n T a b l e 2.

Table 2: Distribution Of Lig

Diagnosis	No. Of Cases	Percentage
Phacomorphic	39	72
Phacolytic	15	28

O f h i g h l i g h t e d i n t o n r d i w d i i n t o n
v e r h m p h g l m p r e d r t p h y g l l f
d i s t r i b u t i o n i s s h o w n i n T a b l e 3.

Table 3: Duration of Symptoms in Lig

	Phacomorphic	Phacolytic	Total
< 2 weeks	33	10	43
> 2 weeks	6	5	11

In r p e r i a p r s w a (g a i r O P
a p r e d I O P p h y p m r p h g l n w e s p e t y

Table 4: IOP at Presentation

IOP(mm Hg)	No. Of Cases	Percentage
21-30	15	28
31-40	13	24
>40	26	48

Table 5: IOP at presentation in phacomorphic and phacolytic glaucoma

IOP(mm Hg)	Phacomorphic	Phacolytic	Total
< 35	23	13	36
> 35	16	2	18

F p w e v q w a O D 7 , 21, 40, 60 w a d g l y
p o p e r a h r e b w a h g d g l y
h a m p h i g l a h h a b g l n r e r e d g o y
i h p n r p h i h y g n P O D w r e w a h
r b w w g r o u p s h p o p e r a h r e r r e w a h
conducted in Raichur , 2 0 1 6 .¹⁰

Table 6: Final BCVA in phacomorphic and phacolytic glaucoma

BCVA	PHACOMORPHIC		PHACOLYTIC	
	No. Of Cases	Percentage	No. Of Cases	Percentage
6/6 - 6/12	20	51.28	9	60
6/18-6/60	12	30.76	2	13.33
<6/60	7	17.94	4	26.66
Total	39	100	15	100

A n a y p n O P > 40 G n r p r e w a s
a r o l o p a t i o n (m m H g) w i t h o u t a n y g l a u c o m a
p e r i o d p r e w h g 6 p n p g r p 6 p y
g r p r O P a w h g P O D h % v O P h g
n P O P O O O P t w p n p h y n P O D 2
and 60 is show n i n T a b l e 7.

Table 7: Post OP IOP on POD 1,21 and 60

	Phacomorphic		Phacolytic	
Post Op IOP (mm Hg)	<21	>21	<21	>21
POD 1	11	28	4	11
POD 21	39	0	12	3
POD 60	39	0	15	0

G g p r o p o r s v O P p r P
y h O P m h g h p r p e r t O P h

Table 8: Pre Op IOP and Final BCVA

IOP(mm Hg)	6/6-6/12		6/18-6/60		<6/60		Total	
	No	%	No	%	No.	%	No	%
20-30	2	66.66	0	0	1	33.33	3	100
30-40	11	52.38	6	28.57	4	19.04	21	100
>40	11	36.67	12	40	7	23.33	30	100

DISCUSSION

chan g e s i n t h e m a c u l a .

CONCLUSION

- Good visual acuity can be achieved in lens-worn hyperopia
- The high light intensity from the sun can be achieved.

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