

## RESULTS OF RAPID ASSESSMENT OF AVOIDABLE BLINDNESS

### VISUAL OUTCOME AFTER CATARACT SURGERY (LONG-TERM OUTCOME)

Date and time of report: 14/01/2016 14:58:39

This report is for the survey area: Peshawar District

Year and month when survey was conducted: 2013- 8 until 2013- 9

The visual acuity of all subjects operated earlier is measured with available correction and with a pinhole. This report gives population based data on visual outcome, not specific for one surgeon or one hospital and with follow-up periods ranging from one month to several decades. When cataract surgery took place several years earlier, the chance of vision loss due to other causes than cataract increases. If the proportion of eyes with a visual outcome less than 6/60 is higher than 10%, research into the possible causes of poor visual outcome is indicated.

#### 1. VA in operated eyes in sample with available correction (PVA)

	Non-IOL		IOL		Couching		Total	
	Eyes	%	Eyes	%	Eyes	%	Eyes	%
Good: can see 6/18	10	34.5	318	74.5	0	0.0	328	71.9
Borderline: can see 6/60	6	20.7	61	14.3	0	0.0	67	14.7
Poor: cannot see 6/60	13	44.8	48	11.2	0	0.0	61	13.4
<b>Total</b>	<b>29</b>	<b>100.0</b>	<b>427</b>	<b>100.0</b>	<b>0</b>	<b>0.0</b>	<b>456</b>	<b>100.0</b>

#### 2. VA in operated eyes in sample with best correction (BCVA)

	Non-IOL		IOL		Couching		Total	
	Eyes	%	Eyes	%	Eyes	%	Eyes	%
Good: can see 6/18	11	37.9	354	82.9	0	0.0	365	80.0
Borderline: can see 6/60	7	24.1	33	7.7	0	0.0	40	8.8
Poor: cannot see 6/60	11	37.9	40	9.4	0	0.0	51	11.2
<b>Total</b>	<b>29</b>	<b>100.0</b>	<b>427</b>	<b>100.0</b>	<b>0</b>	<b>0.0</b>	<b>456</b>	<b>100.0</b>

#### 3. VA in operated eyes in sample by years after surgery

	3 yrs postop		4 - 6 yrs postop.		7+ yrs postop		Total	
	Eyes	%	Eyes	%	Eyes	%	Eyes	%
Good: can see 6/18	137	77.4	98	77.2	93	61.2	328	71.9
Borderline: can see 6/60	24	13.6	21	16.5	22	14.5	67	14.7
Poor: cannot see 6/60	16	9.0	8	6.3	37	24.3	61	13.4
<b>Total</b>	<b>177</b>	<b>100.0</b>	<b>127</b>	<b>100.0</b>	<b>152</b>	<b>100.0</b>	<b>456</b>	<b>100.0</b>

#### 4. Age at time of surgery in males and females

	Males		Females		Total	
	Eyes	%	Eyes	%	Eyes	%
1 - 29	3	1.2	2	0.9	5	1.1
30 - 39	0	0.0	1	0.5	1	0.2
40 - 49	13	5.4	21	9.8	34	7.5
50 - 59	74	30.7	83	38.6	157	34.4
60 - 69	94	39.0	75	34.9	169	37.1
70 - 79	43	17.8	24	11.2	67	14.7
80+	14	5.8	9	4.2	23	5.0
<b>Total</b>	<b>241</b>	<b>100.0</b>	<b>215</b>	<b>100.0</b>	<b>456</b>	<b>100.0</b>

## 5. Place of surgery by sex

	Males		Females		Total	
	Eyes	%	Eyes	%	Eyes	%
Government Hosp.	123	51.0	99	46.0	222	48.7
Voluntary/charitable hospital	54	22.4	34	15.8	88	19.3
Private hospital	62	25.7	78	36.3	140	30.7
Eyecamp	2	0.8	4	1.9	6	1.3
<b>Total</b>	<b>241</b>	<b>100.0</b>	<b>215</b>	<b>100.0</b>	<b>456</b>	<b>100.0</b>

## 6. Post-op VA with available correction by place of surgery

	Gov. Hosp.		Vol. Hosp.		Priv. Hosp.		Eye camp		Total	
	Eyes	%	Eyes	%	Eyes	%	Eyes	%	Eyes	%
Good: can see 6/18	156	70.3	66	75.0	105	75.0	1	16.7	328	71.9
Borderline: can see 6/60	30	13.5	10	11.4	24	17.1	3	50.0	67	14.7
Poor: cannot see 6/60	36	16.2	12	13.6	11	7.9	2	33.3	61	13.4
<b>Total</b>	<b>222</b>	<b>100.0</b>	<b>88</b>	<b>100.0</b>	<b>140</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>456</b>	<b>100.0</b>

## 7. Post-op presenting VA and causes of borderline and poor outcome

	Selection		Surgery		Spectacles		Sequelae		Can see 6/12		Total	
	Eyes	%	Eyes	%	Eyes	%	Eyes	%	Eyes	%	Eyes	%
Good: can see 6/18	0	0.0	0	0.0	0	0.0	0	0.0	328	100.0	328	71.9
Borderline: can see 6/60	15	32.6	5	35.7	32	84.2	15	50.0	0	0.0	67	14.7
Poor: cannot see 6/60	31	67.4	9	64.3	6	15.8	15	50.0	0	0.0	61	13.4
<b>Total</b>	<b>46</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>38</b>	<b>100.0</b>	<b>30</b>	<b>100.0</b>	<b>328</b>	<b>100.0</b>	<b>456</b>	<b>100.0</b>

## 8. Proportion and type of surgery

	Males		Females		Total	
	Eyes	%	Eyes	%	Eyes	%
Non-IOL	16	6.6	13	6.0	29	6.4
IOL	225	93.4	202	94.0	427	93.6
Couching	0	0.0	0	0.0	0	0.0
<b>Total</b>	<b>241</b>	<b>100.0</b>	<b>215</b>	<b>100.0</b>	<b>456</b>	<b>100.0</b>