

Report of Pyuthan Surgical Eye Camp

Date of Eye Camp: **16-20 December, 2008**

Eye Camp Spot: **Eye Care Center, Pyuthan**

Eye Camp Team members:

1. Team Leader Dr. Irina Kansakar
2. OA Supervisor Mr. Puruswotam Pandey (OPD)
3. OA Mr. Pradeep Bhattarai (Refraction)
4. O.A. Susan Nakarmi (Camp Management/Refraction)
5. OA Mr. Amod Mishra OT. Block
6. Ms. Manju Shrestha , Ward Nurse
7. Mr. Santos Gautam: Glass fitting dispensing:
8. Mr. Sabin K.C, Eye worker, Optical shop
9. Mr. Arun Adhikari, Eye worker, Minor OT
10. Driver Mr. Amar Gurung
11. Mrs. Rupa Thapa, Eye Helper
12. Mr. Santosh Gurung, Helper, Optical Shop Edging



Publicity of Eye Camp

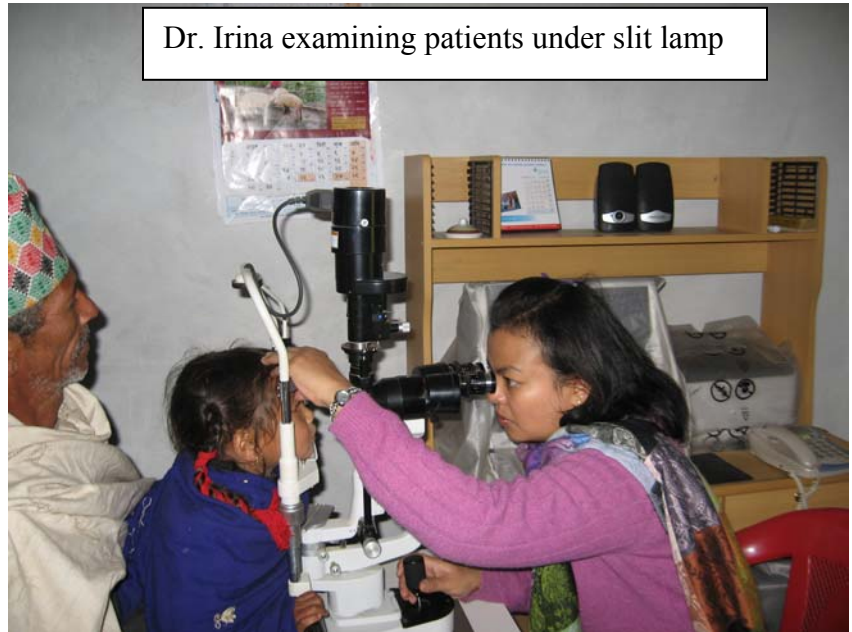
Message about the Eye Camp was broadcasted through two F.M Radio (Currently there are two F.M stations in Pyuthan). Pamphlets were also distributed through multi channels (Students, School Teachers, Health Post Personnel and Community Leaders. At the time of registration we asked patients about the source of information and more than 70 % patients said that they were informed through FM Radios. We found FM Radios, now are quite effective for publicity in the rural parts of Nepal.

Food for the Operated Patients and Guardian

Land donor of Primary Eye Care Center, Pyuthan (Mr. Narendra Shrestha) was very kind, who provided food to all the operated patients and their guardian free of cost. Mr. Narendra and his family worked very hard and provided food as well as provided special care to those patients without guardian.

Patients Care

OPD was managed by the senior ophthalmic assistant Mr. Puruswotam Pandey. The patients flow was very high, and as per the request of Dr. Irina, I also examined the patients at OPD. Complicated cases were referred to the Ophthalmologist. The quality of service delivered was at par with that of eye hospital. Eye camp was conducted in the building of the Primary Eye care Center. In the building, there is a provision of OPD room, Refraction room, Optical and Pharmacy shops, OT Room, Block room and Ward. A comprehensive eye care service was provided in the eye camp. Spectacles and medicines were provided at affordable cost. Patients having no



Dr. Irina examining patients under slit lamp

money for medicines were provided medicines for free of cost. One four years female child with corneal perforation was referred to LEI for the corneal repair. The next day after she was referred she was operated at LEI under General Anesthesia. This was possible because of the good communication and transportation system developed in the country. We examined 906 patients in OPD and performed 124 cataract surgery and 6 minor surgeries during the three days camp. 20% (13 male and 12 Female) were the bilateral blind before cataract surgery. Glasses and medicines sold were of NRs 48,284 and NRs 36,287 respectively. Average profit margin on sale of glass and medicine approximates 25 % of sales (Medicine 15 % and Glass 35-40 %). Income earned from sale of medicines and glasses helps in supporting the out reach activities and contributes for the sustainability of the PECC.

Community Participation:

Pyuthan is the only one eye care center which is completely taken care of by LEI as Local NNJS, though formed, is not functioning. Though there is no support from the LNNJS members, all other community peoples are very much supportive and are providing volunteer service from morning till evening. Kalika Youth Club, Sattya Sai Samati, CMA Training Center and Mother Association were involved during the eye camp. They helped us in OPD management, in patient management, optical shop, pharmacy and minor OT. I did not find any difference in having or not having Local NNJS members for the participation of the community.

1. Disease Wise OPD

S.No	Diseases	Male	Female	Total
1	Cataract (adult)	126	95	221
2	Congenital cataract	1	2	3
3	Glaucoma	1	0	1
4	Refractive error	98	200	298
5	Conjunctivitis	20	36	
6	Xerophthalmia	2	0	2
7	Trachoma	0	0	0
8	Both eye aphakia/Pseudophakia	12	10	22
9	Others (chalazion, epiphora...)	98	196	294
10	One eye incurable blind	4	3	7
11	Both eye Incurable blind	2	0	2

2. Age wise OPD Patient

Age group	Male	Female	Total
0-15	68	57	125
16-30	42	160	202
31-45	47	92	139
46-60	77	130	207
61-75	106	84	190
76 above	30	13	43
Total	370	536	906

3. Surgeries Type

S.No	Categories	Male	Female	Total
1	Cataract: ICCE			
2	Cataract: ECCE			
3	Cataract: ICCE with AC IOL			
4	Cataract ECCE with AC IOL			
5	Cataract ECCE with PC IOL	70	74	124
6	Glaucoma	0	0	0
7	Pterygium	0	0	0
8	Entropion	1	3	4
9	DCT/DCR	0	0	0
10	Ectropion	0	0	0
11	Others	2	0	2

4. Status of visual acuity (post operative visual acuity at the time of discharge)

Category of vision	Male	Female	Total
Less than 3/60	4	1	5
>3/60 to < 6/60	1	0	1
> 6/60 to < 6/18	7	11	18
> 6/18	58	42	100

Reasons of having less than 3/60 visual acuity:

- (a) posterior segment problem: R.D = 1, Macular Scar = 2,
- (b) Surgical Complication = 0
- (c) Postoperative Complication/infection= 0
- (d) Others: Corneal Scar = 2

Preoperative visual acuity

Category of vision	Male	Female	Total
Less than 3/60	50	38	88
>3/60 to < 6/60	11	9	20
> 6/60 to < 6/18	9	6	15
> 6/18	0	1	1

5. Cataract patients attended at the OPD of surgical eye camp

S.No	Description	Male	Female	Total
1	Total # of operable cataract (advised for surgery)	73	62	135
2	Total number of cataract operated in that camp	70	54	124
3	Total # of cataract not accepted for surgery	3	8	11

Reasons for not accepting surgery:

- (a) Medical Reasons (i) Diabetic: 3 (all male) (ii) Hypertension: 7 (all female)
- (b) Not having escort: 0
- (c) Fear of surgery: 1
- (d) Other reasons: 0

6. Age wise surgery

Age group	Male	Female	Total
0-15	0	0	0
16-30	2	1	3
31-45	4	2	6
46-60	18	20	38
61-75	34	27	61
Above 76	15	7	22

Complication during surgery: No any complication

- (a)
- (b)
- ©
- (d)

Postoperative complication:

- (a) Corneal edema: 2
- (b)
- ©
- (d)