

from darkness
to light

KEHRC activity report '09

Kalinga Eye Hospital & Research Centre

Dakhinakali Road, Dhenkanal, Orissa, 759001, India

(A unit of NYSASDRI)



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The Vision of KEHRC

To promote quality of life in rural communities Through providing affordable eye care services on a sustainable basis.

KEHRC is a distinguished member of Vision 2020 India forum (a global initiative to eliminate the avoidable blindness)



According to the World Health Organization, 37 million people worldwide are blind — yet 28 million suffer needlessly. Their blindness could have been prevented or treated. And Kalinga Eye Hospital is fighting for the blindness so lets join our hand to eliminate blindness and transform lives.

KEHRC at a glance

Since its inception in 2002, KEHRC has been providing free, high quality eye care services to poor and underserved citizens of the Angul, Bhadrak, Dhenkanal, Deogarh, Jagatsingpur, Jajpur, Kendrapara, Keonjhar and Sambalpur districts of Orissa. As a result of our efforts, thousands of poor and marginalized people receive eye care and many regain the ability to see. By providing corrective lenses, treatment for eye diseases and surgery, KEHRC has helped thousands of people to regain their valuable eye sight. KEHRC has demonstrated its commitment to providing eye care to rural areas of Orissa and has been recognized by

both national and international organizations for its contributions to health care and community development. KEHRC is registered under the Clinical Registration Act of Orissa and is a unit of the National Youth Service Action and Social Development Research Institute (NYSASDRI). NYSASDRI is renowned for its contributions to rural community development in Orissa and has been accepted as an Associate Member of the **United Nations** Department of Public Information. KEHRC has received the District Award of Dhenkanal for three consecutive years in recognition of performing a record number of cataract surgeries. KEHRC is also an Associate



The newly made Kalinga Eye Hospital at Dhenkanal, Orissa

institutional Member of **VISION 2020**, a national organization dedicated to improving eye health in India, and has been supported by the World Health Organization and has been acknowledged for its outstanding performance in conducting over 5,000 free cataract surgeries a year.

Opening Ceremony of the Paediatric Eye Deptt.

Kalinga Eye Hospital & Research Center (KEHRC) officially opened its new building on March 5th 2009. This marks a great achievement for Kalinga. High quality eye care can now be provided at our new, state-of-the-art facility. The Chief Guest of the occasion was Dr. Pramila Panigrahy, the State Program Officer of National Program for Control of Blindness, Orissa. Also present was the esteemed Dr. G.V.Rao, Country Director of ORBIS International, India & President Vision 2020, India. To-

gether the two guests unveiled the ORBIS-supported Child Eye Care Centre. The newly developed Cataract Department, Diabetic Eye Disease Department, Pediatric Eye Department, along with eight other departments were opened jointly by Ms. Christina Vasilidis, Ms. Julie Vignie, Mr. Dan Sheriff, Members of Euromoney, UK and Ms. Karen Jaques of ORBIS International, UK. All the aforementioned people along with Chief Advisor of NYSASDRI Major General S D Mahanti, Director

NYSASDRI Sri Sarangdhar Samal, members from the media along with staff from other volunteer organizations were given a tour of the new facilities from Kalinga's Hospital Manager Sri Suneel Kumar Mishra. During the inauguration ceremony, the Chief Guest lit a lamp, after which a book on eye care was released. To conclude the proceedings, the staff and guests chanted Kalinga's mantra as "**A comprehensive model for the eradication of visual impairments in central Orissa**".



Hands on training inside the OT during the Hospital Base Program



Dr. William David Newman (first from Right) along with Dr. Debabrata Sahani with the Hon'ble Collector S. N. N. (first from left) of Dhenkanal.

Hospital Based Program on Paediatric Strabismus

Since May 2005, KEH, with the support of ORBIS International, USA, has been working towards building a pediatric eye care team that meets international standards. To help attain this goal a hospital based program (HBP) was conducted to strengthen the knowledge and skills of the clinical team in the pediatric unit. The HBP on Pediatric Cataracts was held from 9th-13th November 2009 at Kalinga Eye Hospital, and training focused on

the management of pediatric strabismus. The ORBIS visiting faculty doctor, Dr. William David Newman, a consultant pediatric ophthalmologist from Liverpool Children's Hospital, Liverpool, United Kingdom visited Kalinga Eye Hospital to carry out this training programme. Dr. William Newman gave hands on training to Dr. Saroj Kumar Tripathy and Dr. Debabrata Sahani of Kalinga Eye Hospital on the most up to date methods of surgical

management of strabismus cases in the pediatric age group. Also during this period, a clinical session on "squint evaluation procedures" was conducted for the paramedical staffs. A total of 24 pediatric eye surgeries were also conducted during the program.

Sri Sarangdhar Samal, Director, Kalinga Eye Hospital has represented the hospital in the Global Health & Innovation workshop at the Yale University, USA and shared his ideas on improving quality of life through community ophthalmology

The increasing incidence of diabetes mellitus poses a major public health problem in India. In India 20 years ago, it was the 17th most prevalent cause of blindness, but today it ranks 6th. The eye is the most commonly affected organ in diabetics: Diabetic Retinopathy (DR) is a progressive condition that leads to permanent vision loss without symptoms in its early stages.

It is estimated that more than 2.5 million people worldwide are affected by DR, the majority of which is in the socioeconomically productive age group of 20 – 65 years. In order to preserve the sight of the people suffering from Diabetic eye diseases, for the first time in Orissa, Kalinga Eye Hospital, Dhenkanal has joined with the **World Diabetes Foundation**, Denmark and plans to start a

service project to strengthen the diabetic eye health services while creating awareness about diabetes and DR in the community.



CME on Paediatric Strabismus

Since May 2005, KEH with ORBIS support has been continuously putting its effort to build a pediatric team and a center of international standard. As a part of the capacity building plan under the project, it conducts the hospital based program (HBP) to strengthen the clinical team of the pediatric unit. The Hospital based training program is expected to build the clinical skills of the trainees to practice all the newer

trends in pediatric ophthalmology and provide quality pediatric eye care services to this underserved part of Orissa.

This year the HBP was organized from 9th to 13th November 2009 at Kalinga Eye Hospital. The training was mainly focused on management of pediatric strabismus. The ORBIS visiting faculty Dr. William David Newman, consultant pediatric ophthal-

mologist from Liverpool Children's Hospital, Liverpool, United Kingdom has given in-house hands on training to Dr. Saroj Kumar Tripathy & Dr. Debabrata Sahani of Kalinga Eye Hospital. Also 24 no of Paediatric eye surgeries were conducted during the period.



Prof. Dr. Bishambhar Rajguru is being felicitated by Sri Sarangdhar Samal, Director, Kalinga Eye Hospital during the 7th Continuing Medical Education Program at Kalinga Eye Hospital, Dhenkanal.

Initiatives for Eye Care

Strengthening the Eye Care Activities in Dhenkanal

Orissa, a state in the eastern part of India, has been identified as one of the poorest performing states in India in terms of eye care service delivery. Research studies reveal that poverty and cost of surgery are major barriers to sight restoration surgery in Orissa, as around 68% of the population resides below the poverty line. An estimated 102,779 Oriyas become blind each year, 61,667 (60%) of which are due to cataracts alone. Current performance of the cataract surgery in the state is around 86,386 eyes per year against the need for 343,602 eyes per year. To increase the number and to achieve the goal of Vision 2020, a meeting

was organized at the Dhenkanal District Headquarter Hospital's National Rural Health Mission meeting hall on the 21st November 2009 in the presence of the District Collector Sri Girish S. N & the Chief District Medical Officer Dr. Prafulla Ku Sahoo. All corporate houses and industries that are established in the district of Dhenkanal were invited to the meeting, along with the Govt & Non Govt Eye Care service providers of the district. In the meeting, it was planned that all the industries will take care of the eyes of the needy and deprived people who reside in the peripheral areas of these industries by organizing/inculcating regular

eye treatment camps and sponsoring sight restoration surgeries. Also, the collector has requested the industries to come forward and support the eye surgeries of the pediatric age group. "As Kalinga Eye Hospital is the only eye hospital in the region having the facilities for pediatric eye care, so they can be consulted for the same along with the adult eye care" said the collector.



Hon'ble Collector, S.J. Girish S.N (Right) addressing the participants of the Eye Care meeting organized on 21st Nov 09 at the NRHM hall of Dhenkanal

163 school teachers & 117 Anganwadi Workers were trained on detecting childhood blindness in 2009.

Eye Care in PPP modus

To further KEHRC's goal of providing eye care to the poor, Kalinga has teamed up with some of Orissa's socially conscious corporations. The corporations are extending their support to the poor by helping to organize and fund eye treatment camps and survey programs. The survey programs take place simultaneously with the eye camps and seek feedback as to what the poor require

in terms of eye care as well as what is currently in progress. This occurred during a general meeting at the Office of the Chief District Medical Officer of Angul on the 27th February 2009. The honorable Collector cum District Magistrate of Angul, the CDMO, Angul, DPM- DBCS, Angul and various corporate bodies of Angul discussed implementing the strategies in the region devel-

oped by Kalinga Eye Hospital. The decision was made that the corporate bodies would work together with the region's governing bodies to help eradicate preventable blindness.



Hon'ble Collector of Angul suiting in the centre during the meeting





Sri Anuj Chaudhary, DGM, JSPL, Angul (in the Center) with Dr. Saroj Ku. Tripathy, Medical Director (second from Left) at the Kalinga Eye Hospital,



Expanding the Horizon..(JSPL)

After the successful eye treatment camps in 2008, Jindal Steel & Power Limited (JSPL) Angul has made these camps a sustainable program, and this year they also have continued to render ophthalmic services to the needy & deprived people of their peripheral areas by joining hands with Kalinga Eye Hospital. But apart from the regular eye treatment camps, JSPL is planning to introduce pediatric eye care along with diabetic

eye care services in the eye treatment camps through Kalinga Eye Hospital said Sri Anuj Chaudhary, DGM- JSPL, Angul chapter. In this regard, during month of November 2009, three outreach camps were held in selected villages, through which around 674 have been screened for ophthalmic problems, 299 have received medical treatment, and 41 have undergone sight restoration surgeries at Kalinga Eye Hos-

pital. Both, JSPL & Kalinga Eye Hospital are planning to render ophthalmic services to needy people from the peripheral areas on a larger scale with new strategies that are under discussion and may be implemented in the first week of January 2010



Press Clips



State Review Meet on blindness

On 28th April 2009, the NPCB review meeting was held at the Health & Family Welfare Department of Orissa, Bhubaneswar to discuss solutions for eye care challenges faced in Orissa. The National Program for Control of Blindness invited the District Program Managers of the strict Blindness Control Society from all district and other eye care provider, including Kalinga Eye Hospital. The meeting focused

on the development of eye care in Orissa and the role of each and every hospital in cooperation with the mission of Vision 2020. The excellent work done by Kalinga Eye Hospital has been appreciated in the meeting. The State Program officer has increased the service area of the hospital by giving permission to hold eye care programmes in other districts of Orissa.

Kalinga Coal Mine for Eye Care

With the joint venture of Kalinga Coal Mine (P) Ltd, Talcher and Kalinga Eye Hospital, Dhenkanal, an eye treatment camp was organized at Dabamali-asahi of the Angul district on the 21st of March 2009. 113 adults and 65 paediatric patients were screened. 93 patients received medicine, 35 received prescription glasses and 14 adults were identified with cataracts. The identified cata-

rect patients have undergone surgical procedures in the month of July 2009. Through this joint venture, treatment of adult cataracts will not be the sole strategy. This project aims to provide comprehensive eye treatment to all age groups as well as empower the local community through training & educational programs in the peripheral villages of KCM.

Stands for Childhood Blindness

Reaching Out to Angul's Children

Early onset blindness dramatically stunts the psychomotor, social and emotional development of a child. It is estimated that 50% of children who become blind will die within two years. Prevention and treatment of eye disease is essential to a child's well-being. Angul is a centrally located district in the State of Orissa that covers a geographical area of 6232 square kilometers and supports a population of about 1.1 million. In spite of the many big industries in the district, the people residing in the rural areas are not receiving any benefits. In such a situation, pediatric eye care is the most neglected aspect of health-care. As a result, Kalinga

Eye Hospital has approached the district administration of Angul and the Collector cum District Administrator, who has agreed and appreciates the initiatives of Kalinga Eye Hospital. Because of this, a general body meeting was organized under the leadership of the Collector, in which the Additional District Magistrate, Chief District Medical Officer, DPC- Sarva Sikshya Abhiyan (Dept of Primary Education), the Child Development Program Officer, District Social Welfare Officer were present and approved of the program. Here it was finalized that a mega pediatric eye treatment camp will be organized at the Eye Department

of the district head quarter hospital on the 3rd of August, where all identified children will be brought, screened, and given appropriate treatment. The local ophthalmic assistants of different blocks of Angul were intimated and the teachers were informed to identify children with any type of ophthalmic problems. Around 186 children were brought to the screening spot on the 3rd of August 2009, out of which 51 underwent surgical procedures at Kalinga Eye Hospital. To sustain the pediatric eye care services in the district, such type of treatment camps will be organized every year, said the collector cum district magistrate of Angul.



Paediatric cases after being operated are taking rest at the Paediatric ward of KEHRC

**143 paediatric
sight
restoration
Surgeries
conducted in
2009**

So that Every Child Can See..

Out of various strategies to fight against the childhood blindness, Kalinga Eye Hospital is empowering the community as well as developing awareness about pediatric eye care by providing a training programme to the community that teaches the detection of primary eye problems in children. It provides training to local school teachers, Anganwadi workers, Asha Workers, and village volunteers. In this regard,

in presence of the district Collector cum Magistrate Sri Girish S. N, the CDMO Dr. Prafulla Sahoo and the DPC of Sarva Sikshya Abhiyan Sri Udaya Nath Dash, a meeting was organized on the 21st of November 2009 at the NRHM meeting hall of Dhenkanal. There a plan was decided upon to train a teacher from every school (both Govt & private) to identify children who have any type of ophthalmic problems.

These trained teachers will hold screening programmes in their school every six months and will submit the report to the Sarva Sikshya Abhiyan. Children who need surgical & medical treatment will be taken care of by Kalinga Eye Hospital. It was also decided that Kalinga Eye Hospital will develop the training KIT and will train the teachers of Dhenkanal in different phases



Sri Udaya Nath Dash, DPC- Sarva Sikshya Abhiyan, Dhenkanal, visiting the cases at the Paediatric Eye Ward of KEHRC



Sharing the lights

Supportive Hands

Adult Eye Surgeries

Sl No	Name of the Partner Agency	No of Surgeries supported
1	ORBIS International, USA	3000
2	DIK, Germany	1500
3	Unite for Sight, USA	1200
4	NYSASDRI, Dhenkanal	108

Paediatric Eye Surgeries

Sl No	Name of the Partner Agency	No of Surgeries Supported
1	DIK, Germany & Dr. Vaidya	76
2	BASAIID, Switzerland	47
3	IAFF, USA	7
4	Sarva Siskya Abhiyan, Angul &	13

Felicitating the Legends

In memory of the legendary person of Ophthalmology of Orissa, Kalinga Eye Hospital has dedicated both the specialized operation theatres (OT-1 & OT-2) in the names of late Sri Prof Dr.Mahendra Chandra Mishra (the first ever ophthalmologist of Orissa) & late Sri Prof Dr. Kulamani Mishra. In this regards a felicitation program was

organized on the 8th of December 2009 at Kalinga Eye Hospital, which was inaugurated by Prof. Subash Chandra Mohapatra, the Director of IAFF, USA. At this special occasion Prof. Mohapatra declared that IAFF, USA will support Kalinga Eye Hospital for 100 pediatric eye surgeries in every year.

Vision 20 / 20

Unite for Sight, an International agency based in USA, has been working with Kalinga Eye Hospital & Research Centre for last six years helping to restore the sight of the poor and needy people in Orissa. In this joint venture, 1200 cataract eye surgeries, sponsored by Unite For Sight, were conducted in this quarter of 2009. This esteemed social

organization is not only restoring the eyesight of the poor people by sponsoring surgeries, but also developing the local skills and knowledge about eye care by sending the international volunteers to strengthen the community of ophthalmology at Kalinga Eye Hospital.



One of the eye screening camp organized at Angul of Orissa in support with Vision Foundation of India

Vision Foundation of India

A national agency focusing in social development, Vision Foundation of India (VFI) has joined with KEHRC to combat blindness. VFI will be supporting KEHRC continuously for two years organizing the eye treatment camps

and restoring the sight of the blind people in Orissa. With the support of VFI, Kalinga Eye Hospital has already conducted 7 eye treatment camps, restored the sight of 175 people suffering from cataracts and provided 652 people

with ophthalmic medical treatment.



Volunteering hands in 2009

1. Ali Sambucetti	USA	21. Pascal.P. Perron	France
2. William Moen	UK	22. Marion Trottier	France
3. Radeeb Akhthar	USA	23. Ganucheav Matthiev	France
4. Sylvia Kauffman	USA	24. Oudq Ross	France
5. Susan Evans	USA	25. Cindy Bealeu	France
6. Lauren Campbell	USA	26. Valirie Bichler	France
7. Marshal Ross	Canada	27. Guillaume Thibault	France
8. Jenny Thompson	Canada	28. Abdellah Moudni	France
9. Pooneh Vaffaee	USA	29. Jenefer Oheix	France
10. Sudeshna Myralla	USA	30. Awatif Amia	France
11. Jasson Ma	Hong kong	31. Medhi Berrada	France
12. Kim Le	USA	32. Delphine Dusseaux	France
13. Michle Lai	USA	33. Bastien Nouvet.	France
14. Mallory Raymond	USA	34. Jeanne Le Doucen	France
15. Daniel Lanno	USA	35. Suzzane Tan.	France
16. Hillary Gaiser	USA		
17. Ravi Vaswani	USA		
18. Manan Shah	USA		
19. Neil C Patel	USA		
20. Larry M Cai	USA		



Sarah, Volunteer-UFS, with a operated Paediatric case (Rupali Sethy)

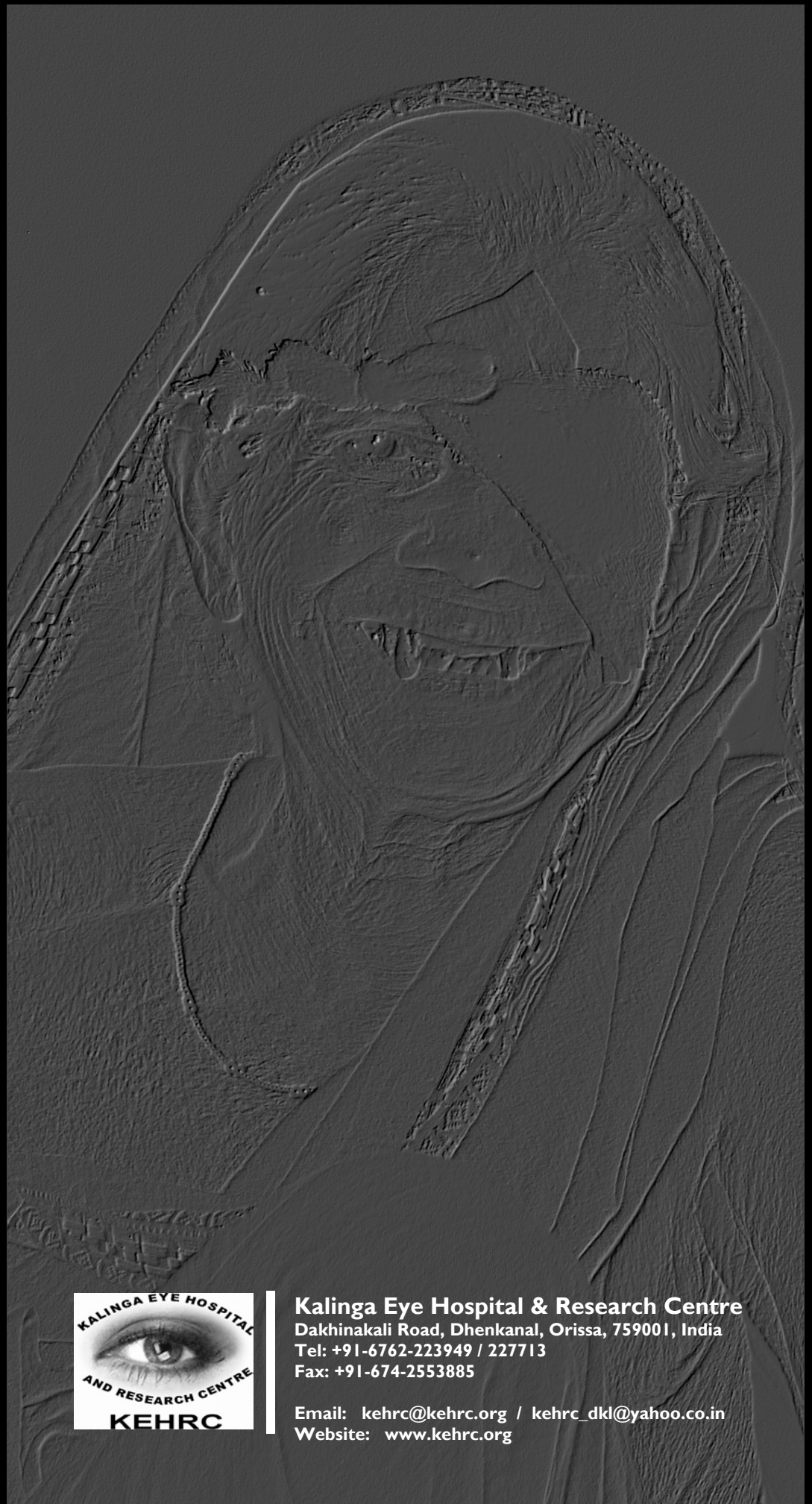


Pooneh, Volunteer-UFS, distributing Post OP glasses to the patients at Kalinga Eye Hospital

To develop awareness about eye care, special days such as the Eye Donation Fortnight (25th August), World Sight Day (10th October), children's day, and world Diabetes Day (14th November 2009) were celebrated.

Performance Report Of Kalinga Eye Hospital & Research Centre

Activities	2009	2008	2007	2006	2005	2004	2003	Total
OPD - Base Hospital	17,242	16,206	14,314	13,650	12,691	11,694	10,173	95,970
Paediatric at Base Hospital	3013	2,399	2197	2383				9,992
No.of School Children Screened	16722	8,172	17,577	5303	15,581	6520		69,875
No.of School Children Referred	644	378	640	502				2,164
No.of Schools Covered	102	53	104	52	137	45		493
Camp Held	217	189	177	169	189	119	92	1,152
Camp OPD	27451	22707	14,381	12,917	15,330	7886	7746	108,418
Paying Surgeries	698	921	343	271	339	385	289	3,246
Camp Surgeries	5808	4151	3699	4151	3858	1176	553	23,449
Paediatric Eye Surgeries	143	27	18	5	3			157
Total Surgeries	6649	5099	4060	4427	4200	1561	842	26,852
Refraction at Base Hospital	7852	7526	6734	4739	2793			29,644
Free Glass Distribution	1599	254	144	132				2,129
School Teachers Trained	163	106	122	42	70			503
Anganwadi Workers/ Asha trained	117	79	0	50	25			271
Doctors Trained	21	19	38	17	10			105
Hospital Staff Trained	0	3	6	4	2			15



Kalinga Eye Hospital & Research Centre

Dakhinakali Road, Dhenkanal, Orissa, 759001, India

Tel: +91-6762-223949 / 227713

Fax: +91-674-2553885

Email: kehrc@kehrc.org / kehrc_dkl@yahoo.co.in

Website: www.kehrc.org