



Vishvakalyan Society

Orgnise



A RACE FOR RIGHT TO SIGHT

Community Oriented Programme to
Prevent Avoidable Blindness



:: Conducted By ::

SMT. SHANTABEN SHANTILAL KOTHARI EYE HOSPITAL

Atmavallabh Hospital Campus

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Community Eye Care - RACE for Right to Sight

Vision : To eliminate avoidable blindness

Mission : 1. Regular and comprehensive eye care (RACE) and
2. Rural and Community eye care (RACE)

Goal : 1. Establish tertiary care eye hospital in Idar.
2. Establish Secondary care Eye Hospitals at Khedbramha, Vijaynagar and Bhiloda.
3. Establish 8 to 10 vision centers and mobile Eye unit.
4. Organise more eye screening camps in remote villages.

Achievements up to 31-03-2024 :

- 617170 eyes were examined. (84%) were served FREE and
- 55885 surgeries were performed. 48049 (86%) were done FREE.

Sustainability :

Our ratio for free & paid services is 85:15. We wish to make it 75:25 to be sustainable

Cost of treatment :

Approximate cost of a Cataract surgery is about 3750 Rs. (US \$ 45).

Local employment :

Apart from doctors, we try to train local youth in different capacity of eye care chain an employ them so that local society is benefitted.

Comprehensive eye Care :

- Till to date our focus was on cataract and refractory error. Now we will intensify it & add diabetic retinopathy and glaucoma. We will add eye donation & other causes of blindness later.
- Since 2000 we organized rural screening camps & started four vision centres in 2023. We will expand both & will upgrade rural hospitals.
- We run Diploma Ophthalmic Tech. course. We may add Degree course in near future.

Partnership :

Since inception we have partnered with Government. We are member of Vision 2020 Right to Sight Gujarat chapter. Help Age India has constantly supported us. We will try to get associated with more NGOs and companies under CSR.

Community Participation :

All camps are organized in association with local organizations e.g. Sarjan Foundation, Angira Ashram, Bholeshvar trust, Jain Social group, Rotary club, Redcross society and milk producing dairies and selfhelp groups.

Unique Feature

1. Quality with equity
2. Team Approach
3. Measurable targets
4. Fix geographical area of operation
5. Free or affordable cost
6. Sustainable model
7. In house and outreach activities get equal importance.
8. Continued and trusted partnership with govt. NGOs. and corporates
9. Accurate, transparent and timely reporting

Our Supporters

1. Sabarkantha District Blindness Control Society
2. National Program for control of Blindness
3. Help Age India, Delhi
4. Jwelex Foundation , Mumbai
5. Share and Care Foundation USA
6. Rotary Foundation USA
7. Disciples of Guru Vallabh inspired by P.P. A. Shrimad Vijay Nityanandsuriji (Delhi, Mumbai, Punjab and Rajasthan)
8. Sarjan Foundation, Ahmedabad
9. Angira Ashram, Kadiyadara
10. Bhuleshvar Seva Sangh Vasai
11. Rotary club of Vadali Round town

Legal Status

Particulars	Registration No.	Date / Validity
Trust Reg. No.	F / 275 / Sabarkantha	Dt. 13/01/1988
Society Reg. No.	GUJ / 281 / Sabarkantha	Dt. 13/01/1988
I.T. Exemption 80G No.	AAATV1108NF20214	Valid upto 31/03/2026
FCRA Reg. No.	042090093	Valid upto 31/12/2026
NITI Aayog Reg No.	GJ / 2018 / 0222421	
CSR1 Registration No.	CSR00013856	Dt. 27/08/2021

Bank Details

Name	State Bank of India	HDFC Bank
Account No.	10838247001	502 000 3491 0070
IFSC Code	SBIN0000385	HDFC0001699
E-mail Id.	IDAR Branch	IDAR Branch

Everyone has right to sight

80% of blindness can be avoided.

But nearly a million Indians turn blind every year because of lack of awareness, availability, accessibility and affordability.

It is the duty of every person, society, leader, politician, NGO, government to protect the sight.

Vishvakalyan Society provides Eye Care since 1995.

- It begun as eye camps once a year between 1995 to 1997.
- **In 1997** P.P.A.B. Vijay Janakchandrasuriji inspired us to start eye clinic.
- **In 2002** our clinic was recognized as base hospital by government of Gujarat.
- **In 2006** society became member of Gujarat chapter of Vision 2020 Right to Sight, which is a global movement initiated by WHO.
- **In 2006** disciples of P.P.A.B Shrimad Vijay Nityanandsuriji raised free cataract surgery fund on 82nd birthday of P.P.A.B. Vijay Janakchadrasuriji.
- **In 2008** Well equipped Smt. ShantabenShantibhai Kothari Eye Hospital was inaugurated by generous donation of our trustee shri Piyushbhai Kothari.
- **In 2008-2009** Government of India approved a nonrecurring grant of Rs. 25,00,000 under National program to control blindness to upgrade it.
- **In 2015** State bank of India donated Ambulance for transportation of patients and relatives for cataract surgeries from camp sit to our hospital and back.
- **In 2021** Smt. ChandrabenPiyushbhai Kothari Retina Unit was added. State bank of India donated green laser machine for it.
- **In 2023** Four vision centers were started in remote places by financial support from Rotary International Foundation.

Our present activities :

- To start with we focused on detection and correction of refractory error and cataract.
- After corona we added glaucoma and diabetic retinopathy in priority list.
- Initially our target area was limited up to 50 kilometers it was gradually increased up to 100 kilometers.
- Up to 2007 number of free cataract surgeries were limited to 500 per annum. In next decade it was in the range of 1500 to 3000 per annum. In last five to six years the figure has gradually reached to 4000 to 4500.
- Some important fact are as follows
 1. Eye checkup is free on every Wednesday and Saturday at base hospital.
 2. Moreover eye examination is free at all vision centers and
 3. Free Eye screening eye camps are organized in remote and tribal villages.
 4. Daily we conduct cataract surgeries free of cost at base hospital only.

Up to 31-03-2024

We have examined 6,17,170 eyes and operated 55885 persons.

More than 85% are examined and operated free.

To summarize the achievement

Number of beneficiaries increased 20 times

(from 3500 in 1995 to 61011 in 2024).

Number of surgeries increased 50 times

(from 110 in 1995 to 5193 in 2024).

Our experience of providing eye care for 30 years to socio-economically backward and tribal area of North Gujarat has motivated us to launch a community oriented Eye Care program **RACE to prevent avoidable blindness** in our target area.

Activities :

1. Intensify the efforts for correction of refraction and surgical cure from cataract.
2. Focus on glaucoma and retinopathy and then other causes of avoidable blindness.
3. Improve physical infrastructure, purchase required equipment, appoint enough man power
4. Establish vision centers in villages and satellite hospitals at block level.
5. Increase frequency and places for screening camps.
6. Continue training local youths as eye technician and establish collage of optometry.
7. Establish links with more local social, charitable and cooperative organisations.
8. Raise required funds to full fill goals and free surgeries

Strategy :

1. Curative, preventive and promotive eye care will be given equal importance.
2. In-house and out-reach activities will go simultaneously.
3. Quality and equity will be maintained at any cost.
4. Our focus will be on clarity of vision regained and not just numbers.
5. We will have measurable targets and fix geographical area of operation.
6. We will provide services either free and at affordable cost to sustain them.
7. We will ensure accurate, transparent and timely reporting.

Model :

It will be like hub and spoke model. Idar hospital will form a center and two or three Satellite hospitals with operating facilities, eight to ten Vision centers with diagnostic facilities will form spokes. Regular outreach camps and mobile van will strengthen our efforts to prevent avoidable blindness as expected by a global movement called Vision 2020 Right to Sight.

Base Hospital We have secondary care level eye hospital at Idar. It has five consulting / examination rooms. We have five auto refractometer, two non contact tonometer, A scan, Fundus camera, C.T. scan for eye (OCT). We do have Yag laser treatment of post capsular opacity and green laser for retinopathy. Operation theater complex has two operation theaters with four operation tables. All operation areas are very well isolated and strict aseptic environment is maintained in them. We have three operating microscopes and a phaco machine. Hospital can accommodate 60 patients.

In future we plan to convert into tertiary care hospital. We will increase required man power including super specialist doctors, modify and increase infrastructure. We will also procure modern equipment for like B. Scan, Perimetry, Fundus Fluorescein Angiography machine, IOL master, pachymeter and topography machine etc. We do plan to have gadgets for retina surgery. We wish to have telemedicine facility too.

Satellite Hospitals will have all basic diagnostic facilities and facilities to operate cataract and other minor surgeries. It will serve nearly 100,000 population. It will be having in house laboratory and spectacle Shoppee. It will be served by qualified technician every day and eye surgeon will visit at least three days a week.

Vision centers serve a cluster of 10000 people and is visited by qualified eye technician at least once a week. It provides screening of eyes, correction of refractory error, supply of spectacles, diagnosis of cataract glaucoma and other eye diseases, referral services for complicated cases and follow up for operated patients. It helps to increase awareness about eye diseases and also provide platform for other health care activities.

Outreach camps serve a cluster of 5000 population. It is conducted regularly and we plan to increase its frequency and number of villages. It provides screening of eyes, supply spectacles, referral services for complicated cases and follow up for operated patients. It will increase awareness of eye diseases and eye donation. Now we plan to add facilities to detect glaucoma and retinopathy.

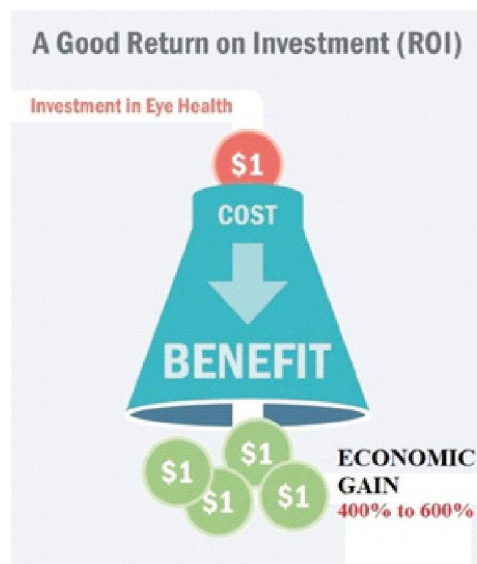
Moreover in all facilities patients are screened for Diabetes and Hypertension. They also provide opportunity for creating awareness for voluntary blood donation, preventive health and wellness. Collection of blood samples for various tests can for various profiles may be added.

Impact on beneficiaries

Eye health is essential to achieve many of the Sustainable Development Goals (SDGs).

- Poor eye health and impaired vision have a negative effect on quality of life and restrict equitable access to and achievement in education and the workplace.
- Vision loss has substantial financial implications. Conservative assessments based on the latest prevalence figures for 2020 suggest that **annual global productivity loss from vision impairment is approximately US\$ 410.7 billion purchasing power parity.**
- Vision impairment reduces mobility, affects mental well-being, exacerbates risk of dementia, increases likelihood of falls and road traffic crashes, increases the need for social care, and ultimately leads to higher mortality rates.
- Escalating numbers of people who are blind or vision-impaired will result in increasing social welfare costs and a decrease in economic productivity.

Return on Investment for Eye Care



- The World Bank acknowledged that many eye health interventions are very cost-effective in its seminal publication *Essential Surgery* and included Cataract surgery within a list of 44 essential procedures (IAPB vision Atlas).
- Globally, between 2006 and 2010, uncorrected refractive error (URE) alone resulted in over US\$200 billion per year in lost economic productivity. Only a fraction of that amount, i.e. \$28 billion over five years, is required to provide service to address URE (Fricke et al., 2012).
- A study cited by the International Council of Ophthalmology to the World Bank, 85% of the men and 58% of the women who regained their sight returned to work so the financial return in the year following surgery was 1500%. It is further estimated that if even just half the Cataract blind were treated through surgery, at a one-time investment of \$150M, the annual savings to the GNP would be \$1.1B, a 7.8X annual return.

Eye health is a global public priority, and needs to be reframed as a development issue and not just as a health issue

No	Name of Donor	Purpose	Amount (approx)
1	Government of Gujarat	Upgradation of eye unit and free cataract surgery	5,00,00,000
2	Help Age India	For free cataract surgery	1,25,00,000
3	Disciples of Vartman Gachchhadipati P.P. A B. Shrimad Vijay Nityanandsurishvarji M.S.	For equipment and free cataract surgery	1,00,00,000
4	Shri Piyushbahi Shantilal Kothari (Zwelex India Pvt. Ltd.)	Construction, equipment and free cataract surgery	1,00,00,000
5	State Bank Of India	Ambulance & Green Laser	36,00,000
6	Rotary International Foundation USA	5 vision centres	25,00,000
7	Smt. Laxmiben Shyambhai Tibreval Disciple of Vartman Gachchhadipati P.P. A B. Shrimad Vijay Rajyashsurishvarji M.S. and P.P. Pravartini Sadhvivarya Vachamyamashriji M.S.	Free Cataract surgery	40,00,000
8	Mr. Dilip Laherchand Shah	Eye Care	11,00,000
9	Eris Therapeutic Ltd	Eye Care	10,00,000
10	Indian Oil Corporation Ltd.	Equipment for eye care	5,50,000
11	Wagh Bakri Group	Equipment for eye care	4,00,000
12	Shri Dipakbhai Chinubhai Shah	Equipment for eye care	5,00,000
13	Ratnamani Metals & Tubes Ltd.	Van for eye care	5,00,000

No	Item	Amount	No	Item	Amount
	Operation			Equipment for vitreo Retina surgery	
1	Operation Theatre Complex	25,00,000	1	Vitrectomy machine with filter (Retikare Plus)	28,00,000
2	General O.T.	12,50,000	2	FFA with fundus Camera	24,00,000
3	General O.T.	12,50,000	3	ETO steriliser	4,00,000
4	Retina OT	12,50,000	4	Viewing lens system (Biom)	3,00,000
5	Block Room	5,00,000	5	Inverter	4,00,000
6	Doctors Changing room	2,50,000	6	Hydraulic OT table	70,000
7	Patients Preparation Room	2,50,000	7	Cryo machine	70,000
8	Patients waiting Hall	2,50,000		Vehicles	
	Indoor		1	Van (cruiser)	15,00,000
1	General Waiting Hall	5,00,000	2	Bus (30 Seats)	25,00,000
2	Male General Ward	3,00,000		Camps	
3	Female General Ward	3,00,000	1	0001 Free Cataract Surgery	1000
4	Special Room 1	2,00,000	2	0100 Free Cataract Surgery	1,00,000
	Equipment		3	0500 Free Cataract Surgery	5,00,000
1	Phaco machine (Oertli)	21,00,000	4	1000 Free Cataract Surgery	10,00,000
2	B scan	10,00,000	5	Free Rural Eye Screening camp	5,000
3	A scan	3,00,000	6	Free eye Examination (at base hospital on Wednesday and Saturday, at all vision centres and rural eye camps) approximately 40000 beneficiaries	5,00,000
4	Perimeter	7,00,000			
5	Auto Edger for Spectacles making	1,60,000			
6	Cataract surgery sets 15 units	1,50,000			

Performance of Smt. Shantaben Shantilal Kothari Eye Hospital Atmavallabh Hospital Campus, Idar							
Year	OPD			Operation			Grant Received from DBCS Amount (Rs.)
	Free	Paid	Total	Free	Paid	Total	
2019-20	34,724	5,746	40,470	3,208	408	3,616	43,88,320
2020-21	16,294	6,235	22,529	2,705	268	2,973	57,64,000
2021-22	41,864	7,165	49,029	4,087	341	4,428	72,72,000
2022-23	35,918	9,724	45,642	4,665	436	5,101	88,71,700
2023-24	47,180	12,325	59,505	4,977	936	5,913	50,09,050
Total	1,75,980	41,195	2,17,175	19,642	2,389	22,031	3,13,05,070

