

ANNUAL REPORT 2021-22





Mission

To make a lasting impact on the eradication of blindness and deafness in India by providing quality care to all sections of society.

Vision

To be in the vanguard of the global fight against avoidable blindness by

- Increasing the footprint of Quality Eye Care services
- Achieving Excellence in Service Delivery
- Contributing to the body of knowledge
- Creating Human Resources
- Building Sustainable Collaborations & Partnerships

Values

Patient First	Excellence	Passion
Respect	Integrity	



SCEH Building at present time...

The Past

and The Present

Established in the year 1922, Dr. Shroff's Charity Eye Hospital (SCEH) was founded by Dr. Sorabji P. Shroff. He started this journey with a vision to eradicate avoidable blindness and an idea to provide equal eye care to every section of the society. Since its inception, the focus has been towards Comprehensive Care, Quality, Community Impact, Research and Education & Training. Over the years, facing lots of challenges, having undergone rigorous changes and growth, today SCEH is one of the oldest and the largest NABH accredited eye care institutes in India. The institute makes an enormous contribution to eye care throughout the country and hopes to do so for many years to come.



Inside this **Centenary Report**

Journey of 100 years	5
Overview 2021-2022	6
SCEH Core Verticals	7
Geographic Spread	8
Secondary Centers	9-12
SCB- Shroff's Eye Care Education Academy	13-14
Department of Allied Ophthalmic Paramedics	15-16
Department of Research	17
Department of Stem Cell & Innovation	18
Service Delivery	19-31
Department of Anaesthesiology	32
Department of Laboratory Services	33
Department of Quality	34
Department of Eye Bank	35-36
Department of Community Ophthalmology	37-38
Award & Achievement	39-40
Institutional Partners	41
Service Delivery Partners	42

Board of

Trustees:

Mr. Trilochan Singh

Chairman

Mr. Arun K Arora

Managing Trustee

Board

Members:

Dr. Noshir Shroff

Mr. Naresh Gujral

Mr. Atul Bahadur

Ms. Nina R Nariman

Dr. Cyrus Shroff

Mrs. Rukshana Shroff

Dr. Daraius Shroff

Mr. Vikram Lal

Mr. Lalit Narula

Ms. Nidhi Jalan

From the desk of

Executive Director

It is our 100th birthday....a journey of dedication, hard work, challenges, caring and commitment.



Dear Readers,

Dr. Shroff's Charity Eye Hospital's (SCEH) Centenary Celebration reminds us of the glorious legacy, and commitment to society. It gives us immense pride to take part in the centenary celebrations at the same time we look into the future with optimism as a 100-year-young dynamic organization. How many institutions continue to remain steadfast on their mission and relevant to the society for 100 years? SCEH's mission continues to provide care to all sections of society and compassionate care through its values. Though in this journey we saw many difficulties, it also gave the hospital many more factors to hold on and still stand strong in its 100th year.

Last year the nation fought another battle with Covid-19, including the dreaded Delta variant and again proved itself a fighter by overcoming the pandemic. We quickly recovered from the brutal 'second wave' of the pandemic to finish the year with nearly the same number of surgeries as the pre-pandemic 2019-2020 year in nine operational months. A significant contribution of our impact has come from our work at the secondary hospitals and vision centers that serve communities where it really matters. Also, with the help of our supporters, we successfully opened seven new Vision Centres making a total of 53 functional vision centres in our network.

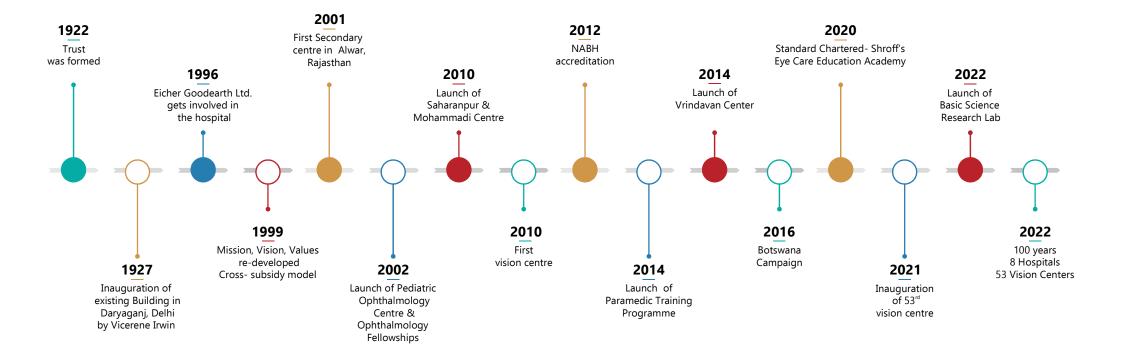
Looking into the future, the entire organization, led by a leadership council, participated in a transformational journey, 'Mission Sambhav- SCEH 2.0'. Through shared participation and discussions, the institution is ready with a strategic plan for the next five and ten years. The ten white papers will define the next course of the organization. The goals are ambitious but so is the need in the society, and SCEH is ready to play it! We are happy to share our plans with you.

In addition, I would like to appreciate and thank all our supporters and funders – your support acts as a motivation for the organization.

Dr. Umang Mathur

Journey of

100 Years



Overview

2021-2022

38,023

Sight & Hearing Restoring Surgeries 12,78,927

Total Patient Examined

21,690

Non-Paying & Highly subsidized Surgery

8,085

Sub-Specialty
Surgeries

710

ENT Surgeries

974

Allied Ophthalmic Paramedics trained 120

Research Paper Published

96

Eye Care Manager Trainind 2,938

Ophthalmologists Trained **22**

Optometrists Trained

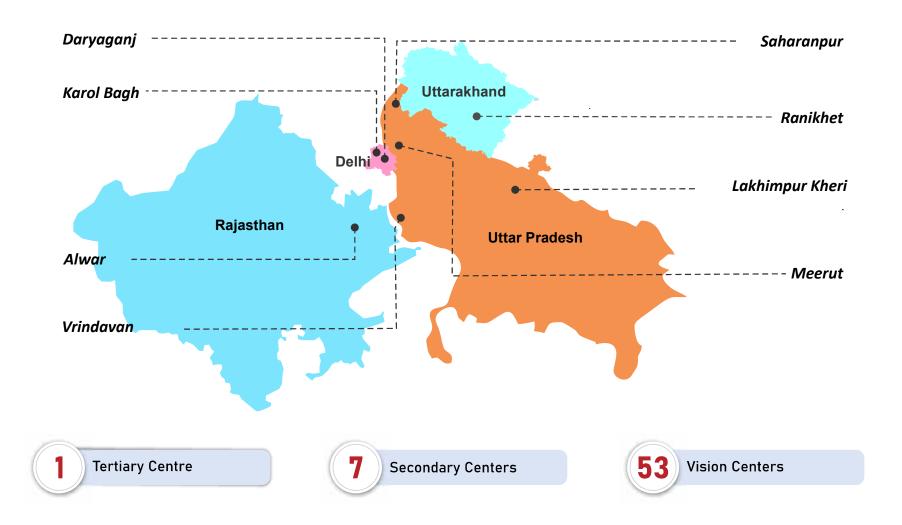
SCEH

Core Verticals



Geographic

Spread



Secondary Center

Smt. Vimla Devi Netralaya, Mohammadi, Lakhimpur Kheri



1,72,547 Total OPD

6,651 Total Surgery

4,814 Non Paying Surgery

Paying Surgery

The Team

Dr. Amol Pundlikrao Chaudhari

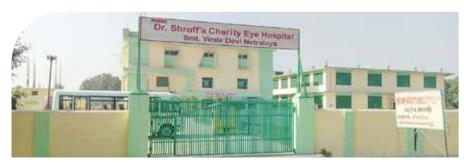
Dr. Mazhar Nasim Khan

Dr. Natasha Koul

Mohd. Javed

Mr. Anurag Mishra

Mr. Vikas



BHRC- Dr. Shroff's Eye Care Institute, Vrindavan, Mathura



1,90,538 Total OPD

5,037 Total Surgery

3,891

Non Paying Surgery

Paying Surgery

The Team

Dr. Nisha Yadav Dr. Sachin Sharma

Dr. Sufiyan Danish

Mr. Raj Babu

Mr. Rajeev Mishra



Dr. Shroff's Charity Eye Hospital, Manani, Saharanpur

81.3 % Non Paying Sx. 18.7 % Paying Sx.

2,37,190 3,735 3,038 Total OPD Total Surgery Non Paying Surgery Paying Surgery The Team Dr. Mohd Rameez Reza Dr. Seemal Goyal

Mr. Parvindra Tyagi Mr. Vivek Singh Rana



Dr. Shroff's Charity Eye Hospital, Alwar

75.8 % Non Paying Sx. 24.2 % Paying Sx.

1,88,567 Total OPD

3,349 Total Surgery

2,538

Non Paying Surgery

Paying Surgery

The Team

Dr. Mohd. Wafi Fakhrealam Ansari

Dr. Nupur Gupta

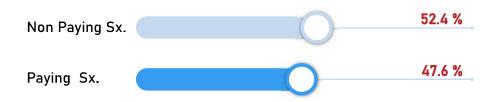
Mr. Charan Massey

Mr. Rampal

Mr. Saurabh Singh



Shri Baba Haidakhan Charitable Hospital & Research Centre, Ranikhet



8,562 Total OPD

1,482

Total Surgery

Non Paying Surgery Paying Surgery

705

The Team

Dr. Abhy Gupta

Dr. Monali Rathore

Mr. Deepak Singh



Rotary- Dr. Shroff's Charity Eye Hospital, Karol Bagh



6,245 Total OPD

636 Total Surgery

558

Non Paying Surgery Paying Surgery

The Team

Dr. Nikunj Vinodbhai Patel

Mr. Muzammil

Ms. Vrinda



Mathur Eye Clinic, Meerut

Non Paying Sx.

66.4 %

Paying Sx.

33.6 %

32,482
Total OPD

580
Total Surgery

385

Non Paying Surgery Paying Surgery

195
Paying Surgery

The Team

Dr. Shivika Agarwal

Mr. Nag Bhatt

Ms. Shalini Singh





Standard Chartered-Shroff's

Eye Care Education Academy

Education and training have been one of the core focus areas of SCEH since its inception and the medical education department was formally set up in 2010. Over the years, the organization has expanded the scope of education to train not only various cadres of ophthalmologists and optometrists but also paramedical staff and allied ophthalmic paramedics. Till date, the education center had trained more than 120 ophthalmologists coming from various parts of the country and abroad via various long and short-term training programs. The education department has recently joined hands with Standard Chartered Bank.



SCB - SCEH Launches Education Academy for Eve Care Professionals. The event was graced by Dr VK Paul, NITI Aayog Member (Health)



Dr. G.N. Rao visited as the Guest of Honour on the occasion of Fellowship Certification Day

The Team

Dr. Sima Das

Dr. Aditi Gupta

Dr. Gaurav Shah

Dr. Julie Peau

Dr. Parul Dutta

Dr. Shalinder Sabherwal

Mr. Nitin Kumar

Mr. Rajan Yadav

Mr. Sandeep K. Chaudhary

Mr. Vaibhay Anand

Ms. Sunita Arora

Number of candidates trained

Ophthalmologists

Trained via long term courses

Participants reached out via digital learning forums

Allied Ophthalmic Paramedics

Trained via long term courses

Trained via short

Eye Care Manager

Trained via long term courses

Trained via short term courses

Trained via short term courses

Optometrists

Internship in long term

Speciality Fellowship in long term



Dr. Shroff's Charity Eye Hospital

13

Our Education & Training Partners







































Testimonial- Dr. Abul Arfa

Dr Abul did his short term training in cornea and retina in 2021 at Eye Care Education Academy and aspires to start a multispeciality eye care service for the people of Ganganagar. His story is a testimony to the percolating effect of training and exemplifies the impact that Standard Chartered -Shroff's Eye Care Education Academy can have on improving eye healthcare for the community.

66

Dear Teachers and Mentors @ SCEH

I wish to inform you that we have started full fledged Retina Services at our Hospital SBSMS Gen Hospital, Budha Johad, Dabla, District Sriganganagar, Rajasthan, this hospital is situated 70 km away from district head quarters and it is in rural setting, all this has been possible courtesy the generous mentor ship I received at SCEH.

Dr. Abul Arfa

77



Allied Ophthalmic Paramedics

Training Programme

It was realized by SCEH that India has urgent eye care needs that remain unmet. With ophthalmic specialists in short supply, the need for ophthalmic health personnel is growing at a fast pace. To address this SCEH initiated the training program for Allied Ophthalmic Paramedics in 2013. They become formidable bridge between the specialist and the community in the blindness prevention and eye care. This group plays a critical role in eye education, counseling, motivation, and follows up care of the community. Under certain circumstances, they also provide first line of the eye care management and interaction with the health care system in the community, and referral to primary and secondary eye care providers.

161

Total AOP enrolled



Competency based assessment- The formative assessment of the candidates is done by using the CBA tools duly developed by the team.



To ensure safety and smooth travel for the COP girls, we have opened hostel facility at Saharanpur, Vrindavan and Alwar hospital. Soon to open in Mohammadi too.

The Team

Dr. Parul Datta

Ms. Gulnaz Hussain

Ms. Radha Yadav

Ms. Sunita Arora

Ms. Yogita Rawat

Students Turned as Trainers - AOP graduates working with us for the last five years and more have now gained knowledge and experience to become trainers. They are supporting the training activities as Trainers and Mentors for newcomers.



Education & Training (Allied Ophthalmic Paramedics Training Programme)

Number of candidates trained

80%

gainfully employed with SCEH

21

AOPs graduated this year

Projects

Lavelle Fund for the Blind: In SCEH, Certified Ophthalmic Paramedics (COPs) training program was initiated and implemented in 2013 with the able support of Lavelle fund for the blind.

<u>Combat Blindness International (CBI)</u>: CBI has been generous to offer stipend to all trainee certified ophthalmic paramedics and is currently supporting COP fellowship program as well.

<u>CBM</u>: With the support of CBM, SCEH has developed a Disability Inclusive Eye Care module that will be incorporated in the AOP curriculum.

<u>SCB:</u> Under SCB-Shroff's Academy, SCB has been supporting AOPs training. The duration of the project is four years.

<u>Jiti Foundation</u>: Jiti Foundation has been supporting AOP program for many years now. In 2021–22, Jiti supported the higher education of two AOPs.

<u>Cognizant Foundation</u>: Cognizant Foundation has supported creation of 20 Vision Technicians. Eleven VTs have graduated so far.

Drawing Competition @ SCEH





Training impact @SCEH



hushi hails from Delhi and finds herself privileged to be part of a joint family. She is pursuing B.Com from IGNOU besides learning to be a Patient Educator from SCEH. Her father works as a field worker in a Bank. She is happy that her neighbor informed her about the training program as soon as she completed her intermediate from a government school.

She wanted to become an IPS officer but due to financial and medical reasons, she opted to drop that pursuit. A young woman, who is born with one kidney and was also diagnosed with edema of the Liver, her high spirits and zeal to serve the community keeps her going.

Training impact @SCEH

iza is 18 years old and lost her father when she was just 12 years old. They have seen days of deprivation as they don't have a fixed monthly income or any regular source of income. She gets emotional that her elder sister is supporting the family by stitching clothes and her brother sells

scrap. Her mother is a homemaker but is a source of inspiration for her as she stood by all the ups and downs of her life. Her unwavering spirit can be seen in the positive outlook she possesses about education and the belief that this phase is temporary. She wants to become a responsible person who can be looked up to. She is thankful to her friend who guided her to opt for COP training. She feels that she has now got a purpose in life.



Research

Research has been an integral part of the hospital. This includes public health, basic science and clinical research including corneal regeneration. SCEH has a registered ethics committee and an institutional review board. We are actively involved in multiple clinical trials for new drugs. The research department is registered and recognized by the Scientific and Industrial Research Organization (SIRO), Department of Scientific and Industrial Research (DSIR) since 2013. We are now also actively involved in Stem Cell Research.



















The Team

Dr. Manisha Agarwal

Ethics Committee

Mr. Neeraj Chaudhari

Dr. Manisha Agarwal

Dr. D K Mehta

Dr. Suma Ganesh

Dr. Nishi Gupta

Dr. Vivek Jha

Dr. Rajat Goyal

Dr. Virender S. Sangwan

Dr. Arpan Gandhi

Ms. Preeti Monga

Ms. Mona Meattle

Mr. Harish Kumar

Ms. Sunita Arora

Mr. Abrar Ahmed

Dr. G V Rao

Dr. Nidhi Gupta

Di. Maili Oupta

IRB Committee

Internal Member

Dr. Shalinder Sabherwal

Mr. Atanu Majumdar

Dr. Isha Agarwal

Dr. Shailja Tibrewal

Dr. Namita Kumari

Mr. Saptarshi

External Member

Dr. Dinesh Talwar

Dr. Ritu Arora

Number of Research publications in the Department

12 Department of Laboratory Services

9 Depart

Department of Glaucoma Services

13 Department of Pediatric Services

22

Department of Vitreo-Retina Service

Department of
Community
Ophthalmology and
Public Health Research

Department of ENT Services

Department of Oculoplasty and Ocular Oncology Services

Department of Quality

6 Department of Stem Cell & Innovation

Department of Cornea, Refractive Surgery & Contact lens

Department of Stem Cell &

Innovation

The Stem Cell department was established in the year (2020). Research facilities with dedicated labs like Molecular Biology, Cell Culture Facility, Protein Estimation and detection and imaging modules were established. As an advanced research facility, SP-CORE facility was established with clean room and eye bank pre-cut facility.



Major grants from DBT, DST-SERB and ICMR



Internal support from **EICHER**



MOU Sign with MAHE,

Jamia Hamdard,

University of Missouri,

Pandorum Technology, Helex Inc etc.



Recognition SCEH
as a research centre from
MAHE for PhD program

The Team

Dr. Virender Singh Sangwan

Dr. Akhil Varshney

Dr. Anil Tiwari

Education & Training (Stem Cell & Innovation):

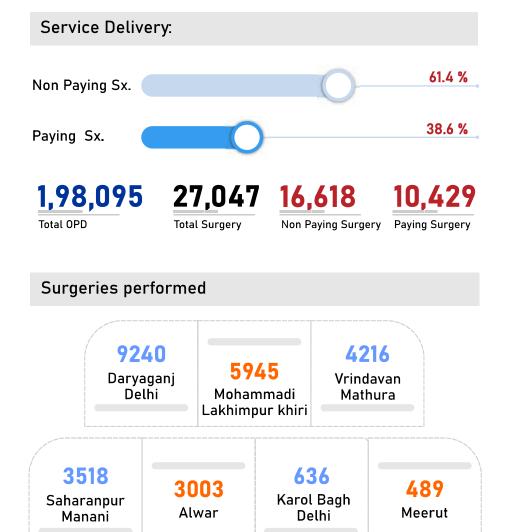
Number of candidates trained



Dissertation training of **B.Tech** student



Comprehensive Ophthalmology & Cataract Services



The Team

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r. Aastha Singh	Dr. Mohd. Wafi F. A.	Dr. Rahul Mayor
r. Abha Gaur	Dr. Monali Rathore	Dr. Sachin Sharma
r. Abhy Gupta	Dr. Monica Gandhi	Dr. Seemal Goyal
r. Amol P. Chaudhari	Dr. Natasha Koul	Dr. Shailja Tibrewal
r. Garima Chaudhary	Dr. Neha Kapur	Dr. Soveeta Rath
r. Gaurav Shah	Dr. Nidhi Gupta	Dr. Sufiyan Danish
r. Isha Chaudhari	Dr. Nikunj V. Patel	Dr. Suneeta Dubey
r. Julie Pegu	Dr. Nisha Yadav	Dr. Umang Mathur
r. Manisha C. Acharya	Dr. Nupur Gupta	Dr. Virender S. Sangwan
r. Mazhar Nasim Khan	Dr. Prerna Garg	

Dr. Priyasha Goel

Impact Story

Dr. Mohd Rameez R.

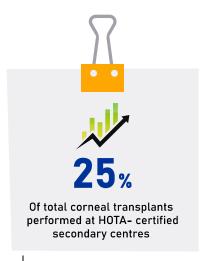
patient named Shalu (name changed) came to us with cataract in both eyes. She was not able to pay for the surgery. The patient is a permanent resident Shahjanpur, UP currently residing with her sons at clusters of Anand Parvat. The elder son is the breadwinner in the family and does labour work. Her younger son is mentally challenged. The patient herself was not able to speak and hear. She was unable to do any work because of the



cataract. She was unable to recognize the faces of her relatives. She went to many eye clinics but was turned away due to financial issues. One of the local NGO's took notice of her situation and brought her for a checkup. It was very challenging for the optometrist/vision technician to even take the vision. The patient's relative and NGO member were given extra time and were explained everything regarding the surgery. On 23/09/2022, Dr. Nikunj Patel performed the surgery. Shalu and her family members were very happy with the outcome of the surgery and went back smiling from the clinic.

Cornea, Refractive Surgery & Contact Lens Services

The department of Cornea, Refractive Surgery & Contact Lens Services at Dr. Shroff's Charity Eye Hospital was set up in the year 1998 and has grown exponentially since then. The department provides a myriad of services including medical and surgical treatment of corneal infections, corneal opacities, ectasia's, trauma and chemical injury, ocular surface diseases and refractive surgery. They routinely perform complicated and uncomplicated cataract surgeries, have a dedicated microbiology and histopathology laboratory for eye diseases, a contact lens service that provides customized lenses, and a state-of-the-art research facility with the current area of interest in stem cells. Our eye bank is the biggest in north India and provides tissues to our own HOTA- certified secondary centers set up across North India and to other corneal facilities as well.





The Team

Dr. Manisha C. Acharya

Dr. Abha Gaur

Dr. Garima Chaudhari

Dr. Isha Chaudhari

Dr. Natasha Koul

Dr. Neha Kapur

Dr. Nidhi Gupta

Dr. Nikuni Patel

Dr. Nupur Gupta

Dr. Seemal Goyal

Dr. Sufiyan Danish

Dr. Umang Mathur

Dr. Virender Singh Sangwan

Mr. Abhilekh Aneja

Mr. Surender Dixit

Service Delivery: Non Paying Sx. 41.4 % Paying Sx. 58.5 % 35,951 Total OPD Total Surgery including Lasik Total Surgery including Lasik Total Surgery including Lasik



Education & Training (Cornea, Refractive Surgery & Contact Lens Services)

Number of candidates trained





6 Long term Fellowship 15 Short-term Fellowship

Projects

LiQd Cornea- Supported by Pandorum

The aim of the project is to design a bio-engineered bio-material which can be used as a liquid drop instead of a conventional corneal transplant: the immediate indication for liquid cornea is neurotrophic keratitis, macular to leucomatous corneal scars, keratoconus, corneal perforations, persistent epithelial defects etc.

PED study project - Funded by DST grant

The main objective of the project is to test the expression of KLF4 in persistent corneal epithelial defects (PCED) and correlating with the disease severity and KLF4 knockdown in corneal epithelial cells recapitulate PCED pathology and can be rescued by overexpressing KLF4.

ileap 2021



Digital treatment during Pandemic



he COVID - 19 pandemic has entered its third year now. It showed us some bad times but at the same time increased our capacity deal with adversity. The unpredictability of lockdowns and the uncertainty of health have inspired us to find new ways to treat our patients based on telephonic conversations, high-quality photographs, and electronic medical records.

This is a story of Ram (name changed).

48 years old male, a resident of Madhya Pradesh, who presented to us with a corneal ulcer in the right eye. The patient was seen by multiple practitioners and treated medically for a few days without improvement. As a lockdown was impending, and inter-state travel would be next to impossible, a decision for the same-day therapeutic penetrating keratoplasty was taken. There were concerns about follow-up after the surgery, but we chose the lesser evil. The

patient was seen on the first postoperative day and discharged. A lockdown was announced on the same day. But the patient had entered the safe confines of his house by then. Further follow-ups were done through serial photographs, religiously shared by the patient's family. He visited us three months later and was doing well. After this visit, he continued to consult via teleconsultation and got the required tests at a local practitioner's clinic.



"There is no education like adversity" – Benjamin Disraeli.

Glaucoma Services

Glaucoma services at SCEH are dedicated to providing the best care to outpatients. This vertical is led by a team of experienced doctors, trained optometrist and paramedical staff. SCEH became India's first hospital to start Trabectome & subsequently KDB Glide procedures. SCEH is one of the premier institutes to perform all kinds of MIGS procedures including BANG, GATT & iStent on a regular basis. The department also specializes in management of pediatric & refractive glaucoma. The department has collaborated with Orbis International and established its name in teaching & training and so far has trained 25 fellows



Pioneer Hospital to initiate Minimally Invasive Glaucoma Surgeries in India



Trained more than 25 candidates in Glaucoma as short term / Long term Fellows under Orbis Glaucoma Santen project

The Team

Dr. Suneeta Dubey

Dr. Amol Pundlikrao Chaudhari

Dr. Julie Pegu

Dr. Mazhar Nasim Khan

Dr. Mohd Rameez Reza

Dr. Monica Gandhi

Dr. Prerna Garq

Dr. Priyasha Goel

Dr. Sachin Sharma

Ms. Sweeti Sharma

Service Delivery

Non Paying Sx.

43.7 %

Paying Sx.

56.3 %

20,410

Total OPD

817

Total Surgery

357

Non Paying Surgery

460

Paying Surgery





Education & Training (Glaucoma Services)

Number of candidates trained

One week Observerships

2 2

One month (Glaucoma orientation course)

One year (Long term glaucoma fellowship)

3

Three months (Short term glaucoma fellowship)

Project

Orbis Glaucoma Santen project @ 2021-22

Strengthen the existing hospital's infrastructure (especially wet lab) and training by acquiring latest equipments (like SLT machine) & consumables to provide quality ophthalmic trainings.

Tailored courses in glaucoma with structured curriculum were developed to impart trainings to doctors and other eye health professionals. These include blended sandwich fellowships, observerships, hospital-based trainings, webinars and CMEs. - Workshops were conducted for partner hospitals to spread awareness about role of Artificial intelligence (AI) in Glaucoma and to facilitate AI consults on Cybersight platform.

Glaucoma week @ SCEH





Story of a Glaucoma Fighter



his is the story of Surya (name changed), bright 7-year-old boy who always lit up when he spoke. He had an pan ocular condition known as Aniridia with glaucoma in both eyes. Aniridia is a developmental defect in the iris with other associated ocular defects and usually develops secondary glaucoma which damages the optic nerve making him at a risk for having permanent vision loss over time. His intraocular pressure (IOP) was 28 mm Hg on presentation with a vision of 3/60 in BEs. The left eye IOP was controlled on medication, but the right eye had advanced damage already with uncontrolled IOP.

A trabeculectomy surgery was done in the RE with IOP maintained in the low teens for the last 4 years. Subsequently, the left eye also underwent similar surgery and is under good control. We could timely save the vision in both his eyes. The child is 12 years now and is using low vision devices for visual rehabilitation. His distant vision is 6/18 in BEs with a near vision of 6/9 with the devices.

It overwhelmed us when we saw this passion towards reading books and his love for school. We wish him a happy life and that he shines as a bright child in his life. His parents are very happy to see the progress in him and thanked the staff for the support.

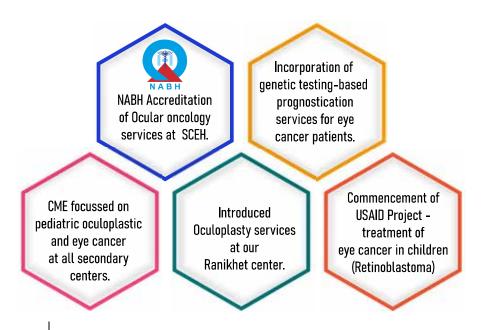
"The eye is the jewel of the body." - Henry David Thoreau



Oculoplasty and Ocular Oncology Services

The Department of Oculoplasty and ocular oncology set up in 2010, is one of the very few centers in the country providing advanced treatment like intra-arterial chemotherapy, plaque brachytherapy, and genetics-based prognostication for ocular tumours. The department has also been actively involved in the education and training of ophthalmologists, offering structured long-term and short-term fellowship training programs in oculoplasty and ocular oncology since 2014.

The departments currently treat more than 10000 patients with ocular tumors and oculoplasty disorders annually and perform more than 2000 surgeries.



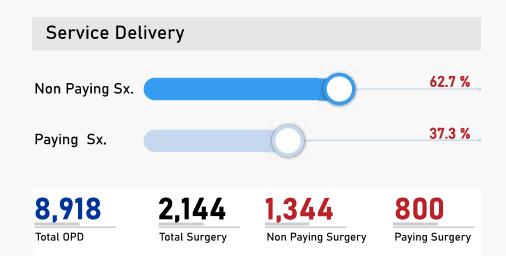
The Team

Dr. Sima Das

Dr. Gaurav Shah

Dr. Namita Kumari

Ms. Jijimol





Education & Training (Oculoplasty and Ocular Oncology Services)

Number of candidates trained

Long term Oculoplasty and Ocular Oncology fellowship

1 Short term fellowship Oculoplasty

1 Fe

Fellowship in ocularisty

30 Ophthalmologists trained via workshops

1112

Awareness training on ocular oncology for healthcare workers

Project

USAID Retinoblastoma project.

Retinoblastoma is a deadly eye cancer in children and despite treatment advances many patients in India continue to die due to this cancer. With support of USAID, a project was commenced to address the treatment barriers for these children and improve outcome.

Retinoblastoma week @ SCEH





Our Retinoblastoma fighter



3-year-old boy, Jay (name changed), belongs to Bihar and has 5 members in the family. His family was ignoring the symptoms in the beginning and was not consulting any doctors. Mr. Atul, a well wisher of the family, brought the child to the hospital for check-up and Jay was diagnosed with advanced retinoblastoma in his right eye. Despite chemotherapy, it was not possible to save his eye and he underwent enucleation to prevent spread of the tumor to his body. Jay completed his treatment 6 months back and he was now ready to start his kindergarten schooling. The family was keen on early cosmetic rehabilitation and he was fitted with a

customized ocular prosthesis in his right eye. A happy and smiling child even during his chemotherapy sessions, Jay is now all ready to start his formal schooling and is looking

forward to making new friends! His parents are very grateful for the treatment, towards the hospital and that their kid will now live a happy life.

"There is only one way to see things until someone shows us how to look at them with different eyes"

~ Pablo Picasso



Dr. Shroff's Charity Eye Hospital

Pediatric, Strabismus & Neuro-Ophthalmology Services

The paediatric Ophthalmology department at Dr Shroff's Charity Eye Hospital is the only stand-alone department focussing on children's eye health in North India. Since its inception in 2002, the growth of the department has been phenomenal in terms of OPD numbers, surgeries, research projects, and community eye health in paediatric population. The impact of the services provided by the paediatric ophthalmology department not only extends to the patients touched directly by the team, but also to the rest of India and many developing nations through the eye care health personnel trained at SCEH. These personnel include paediatric ophthalmologists, paediatric optometrists, ophthalmic nursing assistants and certified ophthalmic paramedics.

The Team

Dr. Suma Ganesh

Dr. Nisha Yadav

Dr. Shailja Tibrewal

Dr. Shivika Agarwal

Dr. Soveeta Souravee Rath Mr. Prem Kumar Singh

Ms. Preeti Sharma

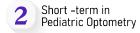




Education & Training (Pediatric, Strabismus & Neuro-Ophthalmology Services)

Number of candidates trained





2 Short term in Orthoptics and Vision Therapy

Projects





















Impact Story



aj (name changed), 7 years old boy, belongs to a remote village of Shajahanpur district in Uttar Pradesh. At 4 years of age he suffered from a high fever and prolonged illness. As a consequence of the illness, his left eye developed a squint and drooping of the upper lid. The disease had also caused diminution of vision due to inability to use the eye at this tender age. The parents were

unaware of the visual consequences of this problem. This problem was identified during his visit to the Mohammadi secondary centre of Dr. Shroff's charity eye hospital. He was examined by our visiting pediatric ophthalmologist. He was diagnosed to have acquired third nerve palsy with amblyopia. His condition would require multiple complex surgeries for correction of squint as well as ptosis. The father of the child being a daily wage labourer was clueless regarding how he will manage the incurring costs and the absence from work to take care of his child. It was quite difficult and challenging for the father to get the child operated. With the constant efforts and support provided by the SCEH team, we made it possible for them to reach the base hospital in Delhi. The child underwent sequential two surgeries which not only gave him good cosmesis but also provided scope

for vision rehabilitation. The entire treatment was provided free of cost to the family. The child is doing well now both in his peer groups and in his studies. Also, his self-confidence has improved. Since then, the child and the father never stop smiling whenever they come for follow up. The extreme sense of satisfaction felt by the parents is evident from their smile and gratitude.



"Sight is what you see with your eyes, vision is what you see with your mind." - Robert Kiyosaki

Vitreo-Retina Services

The Department of Vitreoretina at SCEH was started in the year 1984. Since then the department has grown in all aspects. We see more than 6000 patients a month with various complex vitreoretinal and uvea pathologies referred from various parts of our country. The department has state of the art equipment for the management of medical and surgical retina patients. The department has also contributed in human resource development by training several doctors in vitreoretina sub-speciality by running a successful fellowship programme since 2008. The department has now spread it's wings by expanding it's services to satellite hospitals located at rural parts of our country.

Retisurge LIVE – A live surgical conference conducted for the 3rd consecutive year which was very well attended ROP screening Program with the support of USAID provided screening and management of pre-mature babies for ROP to 17 government hospitals in Delhi

Retina Services enhanced at satellite hospitals with addition of diagnostic facilities ROP sensitization programmes for Paediatricians at various government hospitals

The Team

Dr. Manisha Agarwal

Dr. Isha Agarwal

Dr. Prashant Katre

Dr. Rahul Mayor

Dr. Rushil Kumar Saxena

Dr. Shalini Singh

Mr. Brajesh Kumar



Non Paying Sx.

46.1 %

Paying Sx.

53.9 %

30,728

Total OPD

2,907
Total Surgery

1,341

1,566

Non Paying Surgery Paying Surgery





Education & Training (Vitreo-Retina Services)

Number of candidates trained and workshop conducted

4 Long term VR Fellows

ARMD Workshop

Retinal Vein Occlusion Workshop

Fellows for ROP screening

Optometrists for ROP Camera screening

10 Medic

Medical Officers

Project

Retinopathy of Prematurity Project funded by USAID

ROP is an eye condition that develops in babies who are born premature and are underweight. It is a potentially blinding condition if not screened and picked up early after birth. SCEH, with aid from the USAID agency has collaborated with the Delhi government initiative called project NEEV. Under this project, we are screening eligible babies in NICUs of 17 Delhi government hospitals and treating as per need. Our reach is becoming wider as we are also using Fundus cameras, in addition to our doctors, for screening and in this year we have screened around 1000 babies and treated 190 babies with laser and injections. At SCEH, we are contributing to the human resource of screeners by training 15 ophthalmologists and also 2 technicians for fundus camera screening.

Honors and Awards



Narsing Rao Award for Best paper in Uvea



Best Case presentation in Retina DOS-2021

Our Premature fighter



his is a story of Baby Neha (name changed) who was born in a small village 30 Km south of Rewari in Haryana. This was a precious pregnancy as it was conceived after six years of marriage! It was a twin pregnancy. However, due to a complicated pregnancy, pre-eclampsia and poor health, she was delivered through

an emergency caesarean section at 30 weeks. One of the siblings could not be revived but this baby fought hard for her life! After being admitted in the NICU at a Delhi govt hospital for about 55 days, she was thriving well! During her NICU stay, the team from SCEH screened the baby and the baby was diagnosed to have stage 3 retinopathy of prematurity with plus disease. However due to her systemic condition she could not be transferred to the base hospital and the patient underwent laser treatment at the NICU twice. The patient has

regularly been on follow up and is stable now at 6 months, and this picture communicates the joy of her mother! This is nothing less than a miracle that this baby who was fighting for her survival can now play, see and live a normal life! This is one of a kind story for her village. This has all been possible due to relentless services by our ROP team whose timely intervention saved vision of this baby.



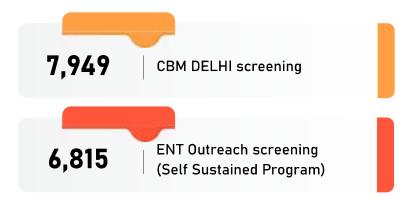
"The face is a picture of the mind with the eyes as its interpreter." ~ Marcus Tullius Cicero

Department of ENT

(Otorhinolaryngology & Head and Neck surgery)

The department started in the 1960s with one room and one surgeon. The department now has a strength of around 20 people. The department today has state-of-the-art equipment and facilities in terms of Carl Zeiss eye microscope, Karl Storz endoscope, high-definition cameras and the addition of an audiology lab, endoscopic, other procedures in OPD. The department has successfully achieved the tag of Center of Excellence for Minimally Invasive Endoscopic Surgeries. With the passion for research, the department is successful in publishing numerous articles & books.

For the last 25 years, the department is providing Fellowship Program and Training for Surgical Courses & Live Surgical Courses.



The Team

Dr. Nishi Gupta

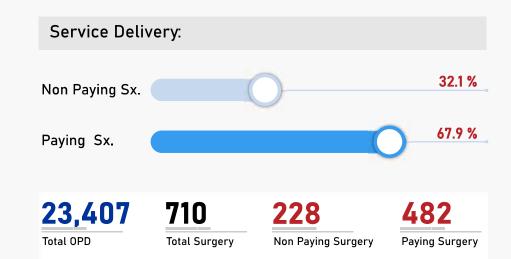
Dr. Nidhi Dhawan

Dr. Poonam Singla

Dr. Sonil Jain

Mr. Michael Choudhary

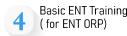
Ms. Jyoti Rai





Education & Training ENT (Otorhinolaryngology and Head and Neck surgery)

Number of candidates trained





Audiology Internship



Basic ENT Training for Eicher Mobile Van

Project

Christian Blind Mission (CBM) - ENT

The project started in 2009 in the Alwar district of Rajasthan supported by Christian Blind Mission (CBM). This was multi-year comprehensive ear and eye care programme, under this project patients were screened in door to door, camps, schools screening and at the primary centre. Under the project we provide the free OPD, Surgery, Procedures and Hearing Aid.

The project ended successfully with over achievement of targets in 2022.

Events





Baby fighter - Diksha

iksha (name changed), 5-year-old, lives with her family in the cluster (slum) areas in Ranhola Nangloi, Delhi. They are migrated labor from Hardoi district Uttar Pradesh. Her father Ram Lakhan is a daily-wage labor whose monthly earnings is Rs.5500 only, on which 5 members of families are dependent.

At the age of just 2 years, she had Ear problems and for 1 year had Ear Discharge with the smell. She then used home remedies and consulted local doctors in the village of Hardoi. They were getting her treated from the government dispensaries and Mohala clinic. The problem was getting worse with time.

They got in touch with the CBM community team and reached the nearby Shiv Vihar Ear Care Center, Uttam Nagar. When the patient presented in the hospital OPD with the complaint of Left Ear discharge and lack of hearing, she was diagnosed with L/MPD. The disease spread out and could be life threatening for the patients if surgery was not done. But the team did it successfully. She has recovered a lot after the surgery and can now hear things clearly.

Diksha's father was very happy and grateful to the hospital and its supportive staff at each and every step in the hospital. In this hospital patients' care and guidance even on the phone is very impressive.

Blindness separates us from things but deafness separates us from people -Helen Keller

Anaesthesiology

The Department of Anaesthesiology at Dr. Shroff's Charity Eye Hospital boasts the most advanced, safe and patient-focused techniques in the delivery of anaesthetic care, supported by state of art anaesthetic equipment. Our team of extremely skilled and well-experienced anesthesiologists aim to provide optimum quality patient care not only in the operation theatres but also beyond it by optimizing pre-operative patient status and providing comprehensive patient care during the early postoperative period. Over the years the Department has expanded its services from simple and traditional to complex and advanced, setting up its own high standards in anaesthetic care. The department follows an integrated approach and standard protocols for patient care and remains committed to evidence based practice and continuous quality improvement.

2500

Total no of cases done



The Team

Dr. Parul Datta Mr. Hemant
Dr. Amit Bhuttan Mr. Mohan Singh
Dr. Aparna Seth Mr. Ram Singh
Dr. Ritu Garg Mr. Rishikesh

Education & Training (Department of Anaesthesiology & Pre-Operative Care Services):

Number of candidates trained



Doctors trained in Basic Life Support

The story of Baby Khushi

aby Khushi (name changed), a 9-year-old female child hailing from a remote village of Madhya Pardesh came to SCEH, Delhi and was diagnosed with Bilateral Corneal perforation with Glaucoma and was advised to undergo TPK under GA followed by Trab surgery. On examination, the child looked prematurely aged & was diagnosed to be a known case of GAPO syndrome – Growth



retardation, Alopecia, Pseudoanodontia and Optic atrophy. GAPO syndrome is a rare disorder with an incidence of less than one per million live births. The child was refused surgery across various hospitals in view of the anesthetic risk involved. After a complete assessment, the child was taken up for surgery under High-Risk Consent with due diligence. The child was operated on successfully, came for repeated follow-ups under anesthesia, and is doing well. Her parents, who had lost all hopes after being rejected by other hospitals, were very happy & relieved by the fact that their child could see.

"The eye is the jewel of the body" - Henry David Thoreau

Laboratory Services

The Department provides laboratory-based discipline in Histopathology, Cytopathology, Molecular Biology, Immunology, Specialised Biochemistry and Microbiology services to Ophthalmologists, ENT specialists and related professionals by evaluating samples taken from patients in order to arrive at a diagnostic opinion.

The Lab get samples from 40-45 centers across North India and has a test menu of 225 tests. The Lab is a very important integral part of the Clinical Services.

The department has initiated a fully functional and equipped lab at Mohammadi Secondary Centre. Also a Histopathology and Cytology Lab has been setup at SCEH & referrals from 15–20 centers were added this year.

2,530

Histopathology & Cytology

12,075

Microbiology

2,530

Hematology

8,519

Biochemistry & Serology

10-15 %

Growth in the no of tests

10-12 %

Variety of tests increased

The Team

Dr. Arpan Gandhi

Mr. Amit Kumar Yadav

Mr. Deepak Kumar

Mr. Dheerendra Kumar

Mr. Harsh Kumar

Mr. Sajy Thomas

Education & Training (Laboratory Services):

Number of candidates trained

125

Advanced and Basic Ocular Laboratory Services Training

Project

USAID SIGHTLIFE SITAPUR and SCEH LAB

The project "Improving Pediatric Corneal Care in Sitapur District" funded by USAID's Child Blindness Program and channelled by SIGHTLIFE, started in January 2021. Over 18 months, the project benefited over 28,680 people through activities in and around Sitapur. Of these, 3,864 were children between 0-14 years of age. The support in building the capacity of the microbiology lab at Sitapur Eye Hospital was perrformed at SCEH Delhi & was a crucial component in improving the accuracy of diagnoses for each patient and for the successful completion of the project.



Department of **Quality**

SCEH came out with flying colours in arena of Quality in 2008. The Quality Assurance department, with its high intention, sincere efforts, intelligent direction by the senior authorities and skillful execution of plans has created a significant impact on the Quality of the Hospital and its services. QRC Team members have been providing consultancy services in Eye hospitals nationally and internationally in countries like Indonesia, Vietnam and Bangladesh glorifying the name of SCEH in dazzle. It includes Accreditation (NABH, JCI), Lean, Six Sigma, Change Management, Total Quality Management and Problem solving. More than 41 hospitals / Eye centres have been supported by us for Quality Improvement processes across India and internationally so far. SCEH monitors 31 indicators that aim to detect sub-optimal care either in structure, process or outcome, and has been used as a tool to guide the process of quality improvement in health care

Quality Consultancy projects completed

- Mahanadi Netra Chikitsalaya, Odissa
- 🔽 Arunodaya Desert Eye Hospital, Gurugram
- Vivekananda Mission Asram Netra Niramay Niketan Chaitanyapur West Bengal

The Team

Dr. Suneeta Dubey

Mr. Amit Upadhyay

Mr. Ashok Kumar Singh

Ms. Vijeta Khurana



NABH Accreditation

☑ Base hospital (Dr. Shorff Charity Eye Hospital) Dariyaganj, DELHI

Entry level NABH Certification

- ✓ SCEH Vrindhavan Centre
- ☑ SBHH Ranikhet Centre

Education & Training (Quality)

Number of candidates trained

423 Internal staff trained

766

Internal staff trained from partners institute



Eye Bank

The Eye bank at SCEH is one of the biggest, busiest and most well-equipped eye banks in North India, with the latest state-of-the-art equipment. SCEH Eye Bank was registered in 2005 and was able to retrieve 28 corneal tissues in that year, later it reached 2291 in the year 2019-2020 and post Covid it was 1454 in the year 2021-2022.

SCEH started the Corneal Retrieval Program and Eye Collection Centre in 2005 with the initial support of ORBIS International. Later, we collaborated with Sight Life (SL), Seattle, WA, USA to strengthen SCEH Eye Bank sustainability, dramatically increasing the availability of corneal tissues throughout Delhi/NCR.

DGFG

SCEH-DGFG Collaboration: A four days meeting (26 Sept -30 Sept) was held between SCEH and DGFG (The German Society for Tissue Transplantation) for Enhancement of cornea donation and eye bank's technical infrastructure in north India.





On 8 August 2021, at the Large Scale Interactive Process (LSIP) program around 300 SCEH staff people pledged to donate their eyes.

The Team

Dr. Manisha C. Acharya Mr. Mukesh
Mr. Aamir Mr. Prem
Mr. Akash Mr. Ramesh
Mr. Badri Mr. RD Sharma
Mr. Bhupesh Mr. Roshan

Mr. Dilavar Rawat Mr. Sandeep
Mr. Hritik Mr. Sombir

Mr. Surender Dixit

Mr. Suresh

Ms. Krati Goyal

Ms. Mahima

Ms. Shail

Ms. Sweta

Tissue Collection:

1255

Hospital Cornea Retrieval Programme

180

Eve Collection

1454

Total Corneas recovered with intent for transplant

17

Voluntary

2

Other Source



Inauguration of

Jagat Singh Eye Bank Education Academy





Education & Training (Eye Bank):

Number of candidates trained



Corneal Tissue Recovery Technician Training

Projects:

National Association for the Blind(Reliance Dhristhi)

Reliance Dhristhi collaborated with SCEH with the aim to bring light in the lives of under privileged visually impaired people. With the support of this project we performed 146 Free Corneal transplants.

HT Parekh Foundation

On January 2020 HT Parekh Foundation & SCEH collaborated with a long-term goal to identify and treat avoidable blindness for the underprivileged sections of society with the help of vision centers. Through this project, the department performed 188 free Corneal transplants.

Dalmia Family

Shri Mridu Hari Dalmia of Dalmia Group Holdings, has committed to support our Eye Bank and spread awareness regard the significance of eye donation & support 32 free Corneal transplants.

Total Tissue Transplant:

728

Total SCEH Transplant

436

Shared outside

the Network

1274

Total Transplant 110

Govt. Transplant

86%

Overall Transplant Rate

1 The Youngest Recipient

03 Years old

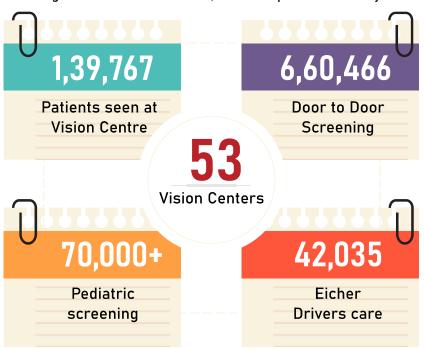
The Youngest Donor



Department of Community

Ophthalmology & Public Health Research

The Department of Community Ophthalmology and Public Health Research was founded in 2017. From a fledgling department consisting of 2-3 members, the department has grown by leaps and bounds- attracting funding for projects and research grants from an array of international and national agencies. Since 2017, the department has also seen the publication of over 20 articles in international and national journals, as well as established pathways for collaboration with international public health institutions such as the London School of Hygiene and Tropical Medicine and the Bloomberg School of Public Health, Johns Hopkins University.



The Team

Dr. Shalinder Sabherwal

Dr. Ashish Jha

Mohd Javed Nayab

Mr. Arnab Modak

Mr. Birendra P. Singh

Mr. Dharmender

Mr. Gaurav K. Garg

Mr. Naval Chauhan

Mr. Shantanu Das Gupta

Mr. Zeeshan Siddiqui

Ms. Ishaana Sood.

Ms. Nagma Ansari

Collaborations & Capacity Building:

A collaboration has been established with the Government of India, to form a network to provision Retinopathy of Prematurity serves which included 16 government hospitals.

An Organisational Development Program was conducted at SCEH in 2021, with the initiative of the Seva Foundation



Education & Training (Community Ophthalmology & Public Health Research)

Number of candidates trained



Managers were trained under Organizational Development Programme



Members contribute regularly to the weekly journal club

Our Partners:



























Impact Story:



anya (name changed) was born in 2009. She comes from an economically weaker family. Her father is a daily wage laborer and is the only breadwinner in the family, while her mother is a homemaker. Her parents noticed a squint in her right eye at the age of 10. But due to poor financial conditions, they were unable to take her to any eye hospital for treatment. She also has two younger brothers.

During school hours, Manya was subjected to bullying

and ridicule by other students. She loves to play outdoor games, but due to eye problems, she no longer goes outside to play. This has resulted in considerable hardships for a growing girl, and she has lost her confidence, even amongst her peer group.

In May 2022, the door-to-door eye screening campaign led by the screening team of Dr. Shroff's Eye Hospital found and met her. The screening team identified a squint in her right eye and upon discussion with the child's mother came to know that she was aware of the eye disease (squint), but due to the family's poor financial condition wasn't able to get her any treatment.

The door-to-door team advised Manya's mother to visit the hospital for further investigation and treatment, free of cost. This was a god-sent miracle for the family. The counselor explained the process to them and assured the family that Manya would recover soon. The counselor also helped them complete the pre-surgery requisites.

Finally, at the age of 13 years, on 3rd June 2022, Manya was operated upon and a ray of hope entered her life.

Manya is now completely recovered from the surgery and is feeling better. Her operated eye seems normal, and her confidence level is up in the sky. She wants to be a mathematics teacher when she grows up and is back to playing outdoor games with her friends.

"The eye sees what it brings the power to see." ~ Thomas Carlyle

Award &

Achievements

Department of Glaucoma Services



Dr. Julie Pegu Second prize for Best Ophthalmic Image in Glaucoma Society of India

Department of Pediatric, Strabismus & Neuro - Ophthalmology Services



Dr. Suma Ganesh
Best Clinical Talk in
Delhi Ophthalmological Society



Dr. Shailja ARVO -Developing Country Eye Research Fellowship 2021 Travel grant



Dr. Soveeta award for Best Poster Presentation in AIOS 2021



Optom Rupali
KBR Foundation award for Most Innovative Blog in
Oct 2021 from Vision Science Academy.



Optom Rupali Certificate Of Poster Presentation in IVI (Indian Vision Institution) 2021.



Optom Rupali Contact Lens Module Completion Certificate in Baush and Lomb mediquest programme.

Department of Vitreo-Retina Services



Dr. Manisha Agarwal

DOS Award

AC Agarwal Trophy-2021



Dr. Manisha Agarwal DOS Award (Best Video Award-2021)



Dr. Manisha Agarwal
Best Poster at IUSG meeting-2022



Dr. Tanya Jain Best Case Presentation in Retina -DOS-2021



Dr. Shalin Shah Best Case Presentation in Retina -DOS-2021

Department of Eye Bank



SCEH Eye Bank got facilitated by National Eye Bank (AIIMS) at their eye donation Fortnight function.

Department of ENT (Otorhinolaryngology & Head and Neck surgery)



IMA NDB Award of Excellence from Indian Medical Association

Department of Stem Cell & Innovation



ISCKRS 02 Best poster prize



ARVO India Travel Grant



ARVO India
2nd prize in the quiz



ARVO India
10 poster presentation



ARVO India
02 oral presentation

Department of Quality



The Assessment for renewal of the 6th cycle of NABH Accreditation was completed successfully.



Amit Upadhyay was felicitated with the prestigious ARUNODAYA " Sight Saver Certificate" for the Completion of Quality Project of Arunodaya Desert Eye Hospital, Gurugram

Department of Laboratory Services



Dr. Arpan Gandhi Best Publication in Indian Journal of Ophthalmology in AIOS & IJO 2021

Department of Community Ophthalmology and Public Health Research



Best Publication in the Indian Journal of Ophthalmology 2021

Institutional

Partners









































Service Delivery

Partners





























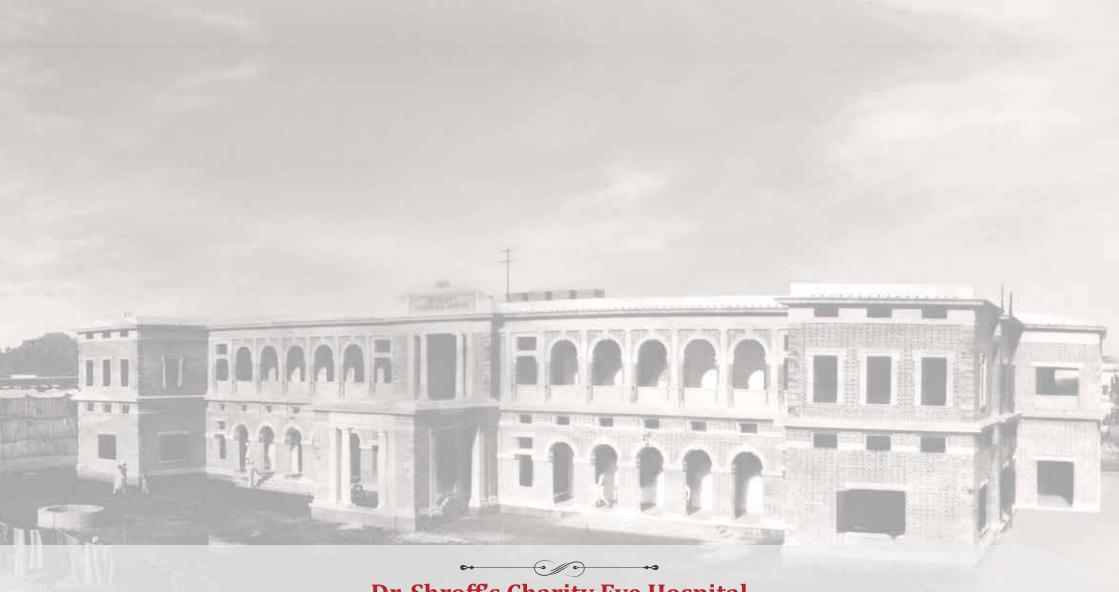












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