



**Dr. Shroff's Charity Eye Hospital**

*Caring for the community since 1922...*



# Annual Report

**2022-2023**

**MILLIONS** OF SIGHTS RESTORED  
OF LIVES CHANGED



## Addressing The Major Challenges Of Eye & ENT Healthcare In India

SCEH continues to deliver high-volume, high-quality eye care services to the all the sections of the community. Today, the growing network of SCEH's eye care facilities include 1 tertiary centre, 7 secondary centres and 64 vision centres with over 1300 employees. We have one of the biggest, busiest and most well-equipped eye bank in north India. Academic enhancement and research is one of our strengths. We have a well equipped Eye and ENT Department and provide quality care to all.

### Values

- Patient First
- Integrity
- Excellence
- Passion
- Respect



### 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 make a significant impact on avoidable blindness by

- ▶ Increasing the footprint of Quality Eye Care services for all socioeconomic sections of society
- ▶ Achieving Excellence in Service Delivery
- ▶ Creating Human Resource for Eye care
- ▶ Innovation through research, technology and sustainable models of delivery and contribute to the body of knowledge
- ▶ Enabled by effective and sustainable partnerships to reduce health inequalities

# The SCEH Journey 2022-2023

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## Board Members

**Mr. Trilochan Singh**  
Chairman

**Mr. Atul Bahadur**

**Mr. Arun K Arora**  
Managing Trustee

**Dr. Cyrus M. Shroff**

**Dr. Daraius Shroff**

**Mr. Lalit Nirula**

**Mr. Naresh Gujral**

**Ms. Nidhi Jalan**

**Ms. Nina R. Nariman**

**Dr. Noshir M. Shroff**

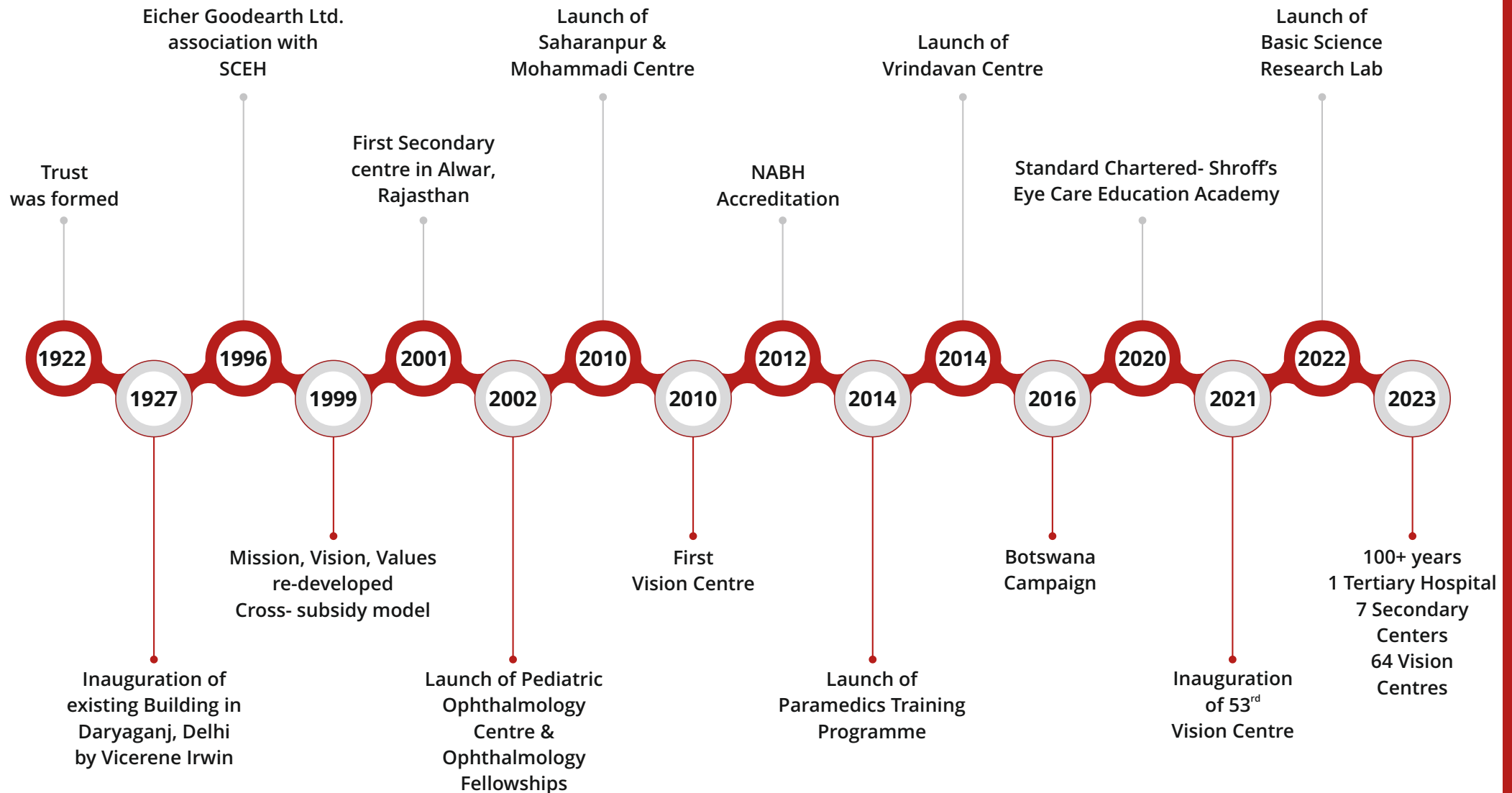
**Mrs. Rukshana Shroff**

**Mr. Vikram Lal**



# Our Journey

More than 100 Years of Rendering High Quality, Equitable Eye & ENT Care Services





## From the desk of Chief Executive Officer

### Dear Valued Partners and Supporters,

As we reflect on the past year's incredible achievements, I am delighted to remind you that 2022 marked the centennial year of Dr. Shroff's Charity Eye Hospital. For a century, our institution has been an unwavering beacon of hope, embodying the belief that eye care should be accessible to all, regardless of socioeconomic status. This core principle continues to guide us, shaping our determination to serve every individual in need, whether rich or poor. While we take pride in our illustrious history, we are equally committed to being dynamic and adaptable to the ever-evolving needs of our times.



I am thrilled to share with you the remarkable achievements and transformative growth that Dr. Shroff's Charity Eye Hospital has witnessed in the past year. In a period where the world faced the adverse impacts of the pandemic, I am incredibly proud to announce that we have emerged stronger, more impactful, and more innovative than ever before. One of our most significant accomplishments is the exponential growth in our surgical services. Following the difficult years marked by the COVID-19 pandemic, we achieved an astounding 65% growth in surgeries, a testament to the dedication and expertise of our medical teams. Our secondary surgical centres have nearly doubled their surgical numbers within a single year, highlighting the vital role we play in addressing the eye care needs of tier 2 and tier 3 towns, where quality eye care remains a challenge.

Our commitment to extending quality eye care to underserved communities remains at the heart of our mission. We have proudly conducted 2 million door-to-door vision screenings across 3000 villages, identifying individuals in need of care and bringing our services directly to their doorsteps. Additionally, we have provided essential eye care to nearly 250,000 patients through our primary care clinics in rural tehsils and the slums of Delhi, catering to those who lack access to adequate healthcare resources.

Our dedication to education and training has continued to thrive, with our medical education department producing a cohort of highly skilled ophthalmologists. These professionals are contributing to the wider medical landscape, ensuring that our nation benefits from a cadre of well-trained eye care specialists. Through our new initiative of hands-on short courses, we are empowering mid-career ophthalmologists to enhance their skills, further expanding the impact of our knowledge-sharing efforts.



One of our proudest achievements lies in the success of our all-women paramedics training program. Over 500 new allied ophthalmic personnel have joined, embodying our commitment to not only provide education but also foster community service. This holistic approach ensures that as individuals grow, they also give back to society.

Furthermore, our investment in cutting-edge basic science labs has begun to bear fruit. Our scientists and clinicians are now conducting advanced experiments with bio-engineered corneas and molecular science, pushing the boundaries of innovation in eye care.

None of these achievements would have been possible without the generous support of our partners, including International NGOs, Corporates, and individuals. Your unwavering commitment continues to be the bedrock upon which we build a brighter, more inclusive future for visually impaired adults and children.

As we reflect on the past, we also acknowledge the urgency of the present and the potential of the future. Amidst our centennial celebrations, we embarked on an exciting journey towards SCEH 2.0 - our strategic plan designed to guide us into the next decade. With a horizon set for the year 2030, SCEH 2.0 is not just a roadmap; it's a commitment to an even greater impact in society. Our strategic initiatives are carefully crafted to address the evolving needs of eye care and medical education, ensuring that our services continue to reach those who need them the most.

In closing, I extend my heartfelt gratitude to each of you for your unwavering support. It is your belief in our mission that propels us forward, ensuring that our centennial year is not only a celebration of our past but a catalyst for our future impact.

With great appreciation,

Dr Umang Mathur  
Chief Executive Officer  
Dr. Shroff's Charity Eye Hospital



## Overview 2022-2023

**60735**

Total Sight & Hearing  
Restoring Surgeries

**1502\***

ENT Surgeries

**20770\***

Paid Surgeries

**30330\***

Non-Paid Surgeries

**15967\***

Sub-Speciality Surgeries

**2778016**

Total Patients Examined

**9635\***

Highly Subsidised  
Surgeries

**100+**

Research Papers  
Published

**716**

Eye Care Managers Trained

**1637**

Ophthalmologists Trained

**45**

Optometrists Trained

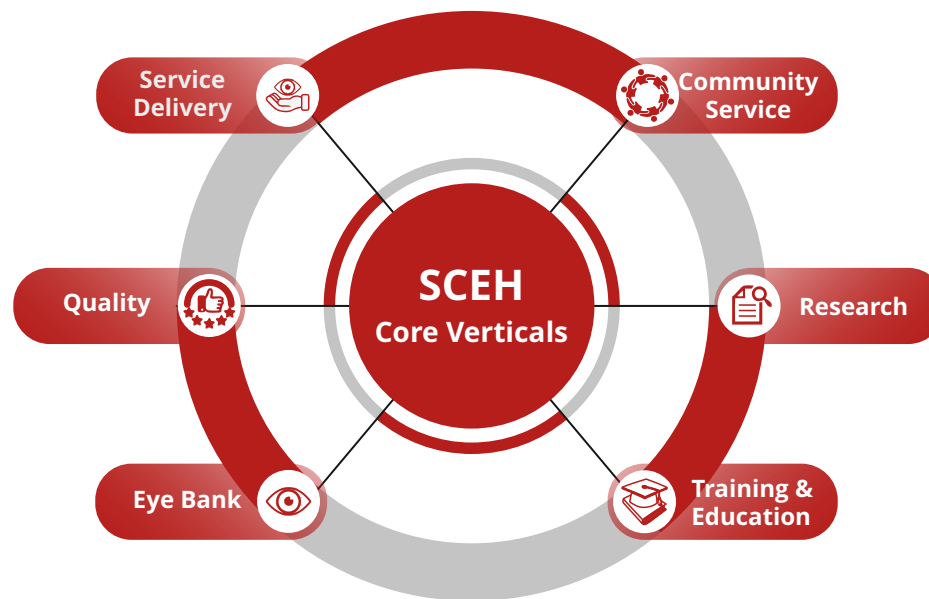
**235**

Allied Ophthalmic  
Paramedics Trained

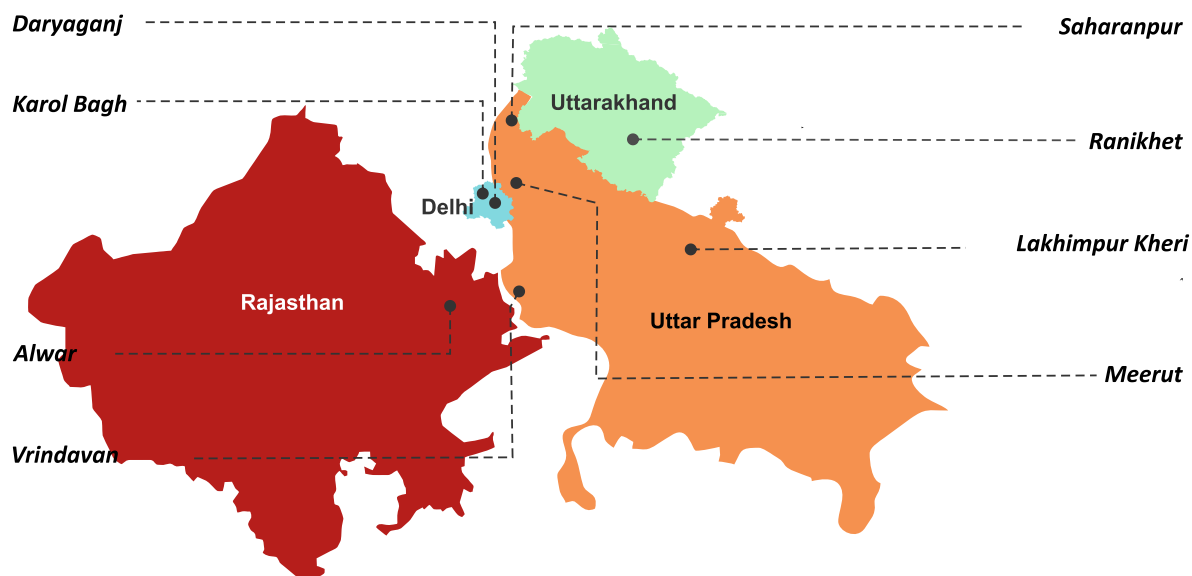
★ Included in Total Sight & Hearing Restoring Surgeries

Trainings include campus training, short term courses, full term courses, conferences and webinars.

## SCEH Core Verticals



## Geographic Spread



1

Tertiary  
Centre

7

Secondary  
Centres

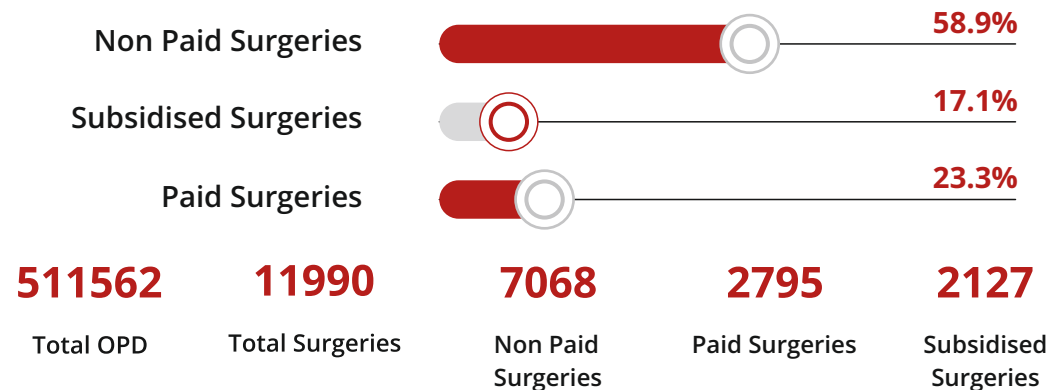
64

Vision  
Centres



## Secondary Centres

### Smt. Vimla Devi Netralaya, Mohammadi, Lakhimpur Kheri



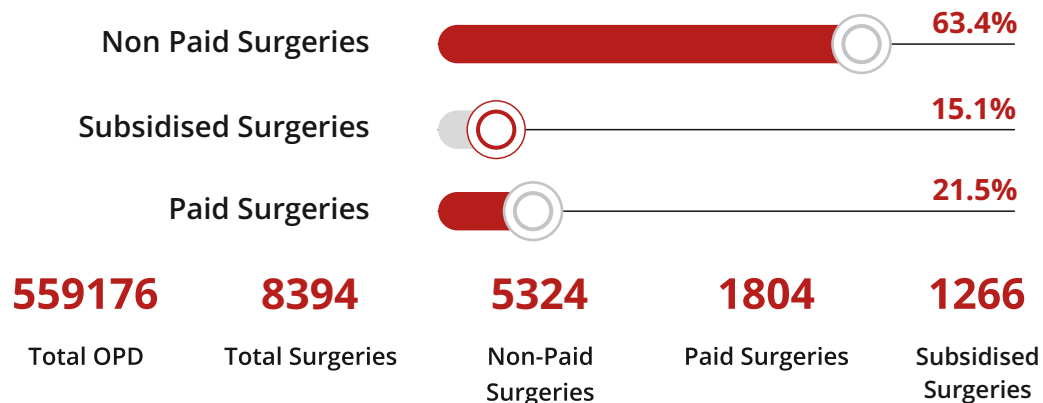
#### The Team

Dr. Mazhar Nasim Khan  
Dr. Natasha Koul

Vikas Kumar  
Mohd Javed

Mariammanu Manu  
Anurag Mishra

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



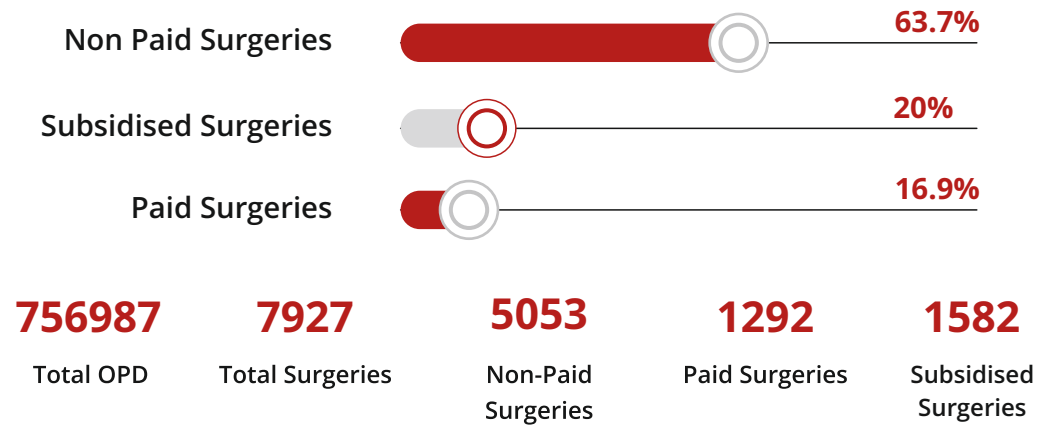
#### The Team

Dr. Nisha Rambali Yadav  
Dr. Sachin Sharma

Dr. Mohd Sufyan Danish

Raj Babu Madan Sharma

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



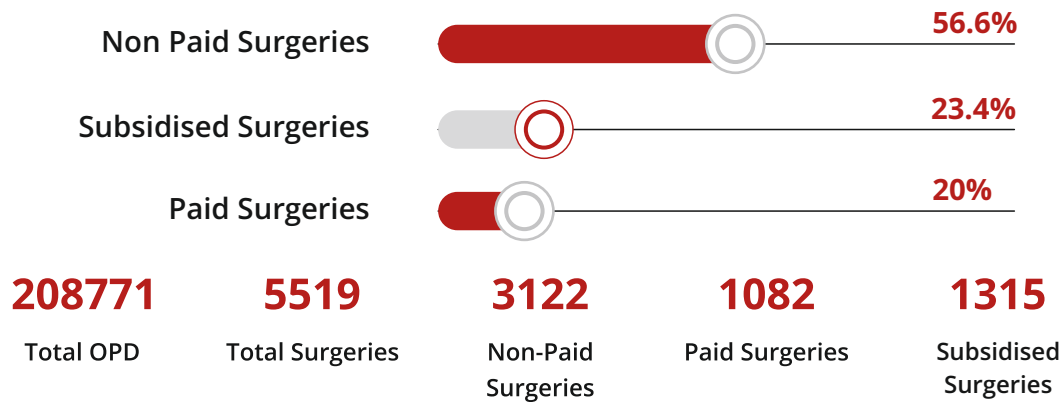
### The Team

Dr. Mohd Rameez Reza  
Dr. Seemal Goyal

Ranveer Sandhu  
Parvindra Kumar

Sagar Kumar

## Dr. Shroff's Charity Eye Hospital, Alwar



### The Team

Dr. Nupur Gupta  
Charan Maisi

Jitendra Kumar

Rampal



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



Non Paid Surgeries

60.8%

Subsidised Surgeries

31.1%

Paid Surgeries

8.1%

11439

Total OPD

1295

Total Surgeries

788

Non-Paid  
Surgeries

105

Paid Surgeries

402

Subsidised  
Surgeries

### The Team

Dr. Nikunj Vinodbhai Patel

Dilavar

Prem Jee

## Shri Baba Haidakhan Charitable Hospital & Research Centre, Ranikhet

Non Paid Surgeries

27.8%

Subsidised Surgeries

25.5%

Paid Surgeries

46.6%

12151

Total OPD

2241

Total Surgeries

623

Non-Paid  
Surgeries

1045

Paid Surgeries

573

Subsidised  
Surgeries



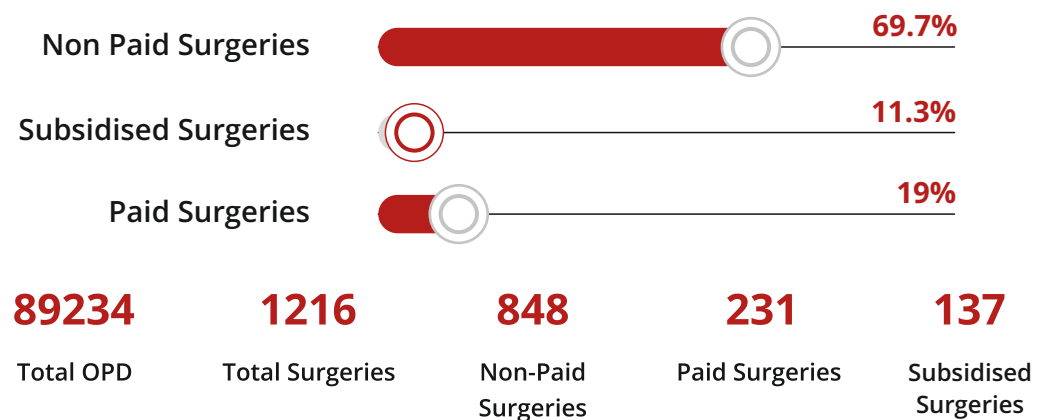
### The Team

Dr. Abhay Gupta

Dr. Monali Rathod

Deepak Singh

## Dr. Shroff's Charity Eye Centre at Mathur Eye Clinic, Meerut



### The Team

Dr Shivika Agarwal

Nag Bhatt

Shalini Sharma



# Department of Comprehensive Ophthalmology & Cataract Services

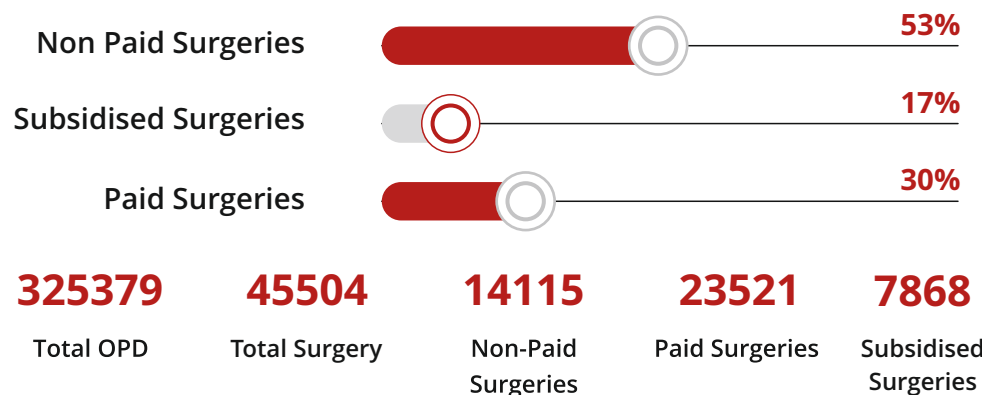
At SCEH, our team of highly skilled and experienced professionals collaborate seamlessly using latest technology and equipment to elevate the safety and effectiveness of cataract surgery. Our expertise spans the spectrum of simple age-related cataract to the complicated cataract post trauma, surgery and with associated co-morbidities. We offer a diverse range of intraocular implants including monofocal, multifocal, trifocals, toric, enhanced depth of focus, scleral fixated, glued IOLs, piggy back lenses, iris claw lenses and anterior chamber IOLs. A comprehensive preoperative assessment and meticulous postoperative care regimen ensures faster healing, enhanced vision and optimal outcomes. Our unwavering commitment to quality remains steadfast, whether the procedure is paid, subsidised, or offered free of charge, at both our tertiary and secondary centres.

## The Team

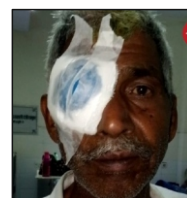
Dr. Umang Mathur  
Dr. Virender S. Sangwan  
Dr. Monica Gandhi  
Dr. Nidhi Gupta  
Dr. Shailja Tibrewal  
Dr. Neha Kapur  
Dr. Soveeta Rath  
Dr. Abhy Gupta  
Dr. Mazhar Nasim Khan  
Dr. Mohd Rameez R.  
Dr. Monali Rathore  
Dr. Natasha Koul  
Dr. Nikunj V. Patel  
Dr. Nisha Yadav

Dr. Suneeta Dubey  
Dr. Manisha C. Acharya  
Dr. Julie Pegu  
Dr. Rahul Mayor  
Dr. Abha Gaur  
Dr. Isha Chaudhari  
Dr. Nupur Gupta  
Dr. Perna Garg  
Dr. Priyasha Goel  
Dr. Sachin Sharma  
Dr. Seemal Goyal  
Dr. Sufyan Danish  
Mr. Surinder Dixit  
Mr. Abhishek Aneja

## Service Delivery



## Phatteram's Story of Struggle & Resilience



Phatteram used to work side by side with his sons in the fields, but his blurred vision changed everything. It became increasingly difficult for him to contribute, putting financial pressure on his sons and crushing his own self-worth. Unable to carry out his daily activities or support his family, he felt immense misery and shame. He withdrew from the outside world, isolating himself completely. Then one day, he heard an announcement from the Deeg Netra Jaanch Kendra by BHRC- Dr. Shroff's Eye Care Institute, Vrindavan offering eye screenings & treatment. Hesitant at first, he eventually decided, with the encouragement of his family, to get an eye check-up and he was diagnosed with cataract in both eyes. He could not afford the cost of the surgery but was relieved to learn that the hospital provided free care to those in need, including post-operative medication. The surgery went smoothly, when the bandage was removed, a new chapter began for him.

## Department of Cornea, Refractive Surgery & Contact Lens Services

The department of Cornea, Refractive and Anterior Segment 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, trauma and chemical injury, ocular surface diseases and refractive surgery. We 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 current area of interest in stem cells. Our eye bank is the biggest in north India and provides tissues to our own HOTA (Human Organs Transplantation Act) certified secondary centres set up across North India and to other corneal facilities as well. In addition to our clinical and research facilities, we also train short-term and long-term fellows in various anterior segment and corneal procedures.

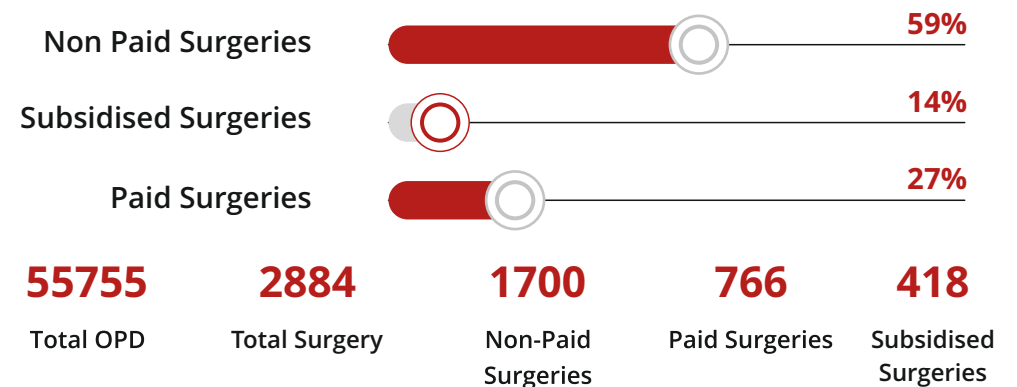


### The Team

Dr. Umang Mathur  
Dr. Virender Singh Sangwan  
Dr. Manisha Acharya  
Dr. Arpan Gandhi  
Dr. Abha Gour  
Dr. Nidhi Gupta

Dr. Isha Chaudhari  
Dr. Nikunj V. Patel  
Dr. Neha Kapur  
Dr. Nupur Gupta  
Dr. Sufyan Danish  
Dr. Natasha Koul

### Service Delivery



## Defying Darkness and Rekindling Hope



This is a story of a middle-aged dentist by profession. He developed ocular graft versus host disease following bone marrow transplant for all. When he presented to us, one of his eyes had an infected corneal graft, and the other a central perforation sealed with glue. Having already undergone multiple ocular and systemic procedures, and losing vision in both eyes so suddenly and unexpectedly, his faith and strength were ebbing.

From a medical point of view, we all understood that the first step is to treat the infection and then focus on the visual rehabilitation. But, there was a much bigger problem that Dr. Sangwan anticipated. Given that we treated the infection with a repeat penetrating keratoplasty, the patient would still need months to be able to gain decent vision. Maybe his eye had months to give, but his morale didn't. Hence, Dr. Sangwan decided to do something out of the box. He did a keratoprosthesis surgery in his infected eye, which is usually reserved as a last resort in eyes with multiple failed penetrating keratoplasties. Within a week the patient gained 20/40 vision in the eye. With this surgery we could not promise him an uneventful course in terms of ocular surgeries and vision, but we did give him hope.

The patient has been following up with us since one year, and has undergone a penetrating keratoplasty in the other eye as well.



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

2

Long term fellowship

90

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.



## Department of Glaucoma

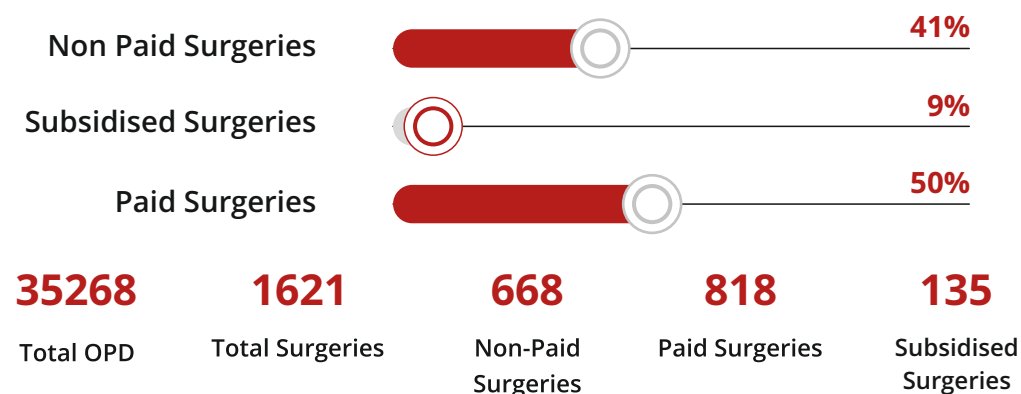
Glaucoma services at SCEH are dedicated to providing the best care to our patients. This vertical is led by a team of experienced doctors, trained optometrists and paramedical staff. The glaucoma facility at SCEH is equipped with the state-of-the-art technology to carry out all interventions that may be required to treat the disease. The team, updated with protocols of medical and surgical practices of treatment, is one of the first to carry out minimally invasive glaucoma surgeries (MIGS) in India. It caters to the entire spectrum of the disease including complex paediatric and refractory glaucoma. The acceptable preferred practice guidelines are followed to provide appropriate comprehensive care individualised to patients' needs. In collaboration with Orbis International, the department provides highest quality of training and education through the committed faculty, complemented by the most advanced technological and methodological tools.



### The Team

Dr. Suneeta Dubey	Dr. Mazhar Nasim Khan
Dr. Monica Gandhi	Dr. Mohd Rameez Reza
Dr. Julie Pegu	Dr. Sachin Sharma
Dr. Priyasha Goel	Dr. Amol Pundlikrao Chaudhari
Dr. Prerna Garg	Ms. Sweeti Sharma
Dr. Shayana Bhumbla	

### Service Delivery



## Triumph Over Adversity: A Journey to Restored Vision



In February 2022, a 53-year-old man visited SCEH with severe pain and redness in his right eye, three months after undergoing cataract surgery elsewhere. Despite the surgery, his vision remained poor, and intraocular pressure increased.

Complications led to a complex situation, and he underwent tube implantation (AGV) followed by DSAEK. Though his condition initially improved, IOP issues persisted due to tube misplacement. After careful management, including a Pars Plana Vitrectomy and tube repositioning, his vision in the right eye improved to 6/12, while the left eye developed a cataract.

With support and reassurance, the patient underwent successful cataract surgery in the left eye. Now, six months later, his vision is 6/12 in the right eye and 6/6 in the left eye, and IOP is stable in both eyes. He has returned to work after a year of overcoming vision challenges and regained control of his life.

### Major Highlights

**1<sup>st</sup> Pioneer Hospital to initiate Minimally Invasive Glaucoma Surgeries in India**

Unveiled Digital Training Hub at Dr. Shroff's Charity Eye Hospital, Delhi with support from Orbis International.

**Trained candidates in Glaucoma as short term/long term fellows under Orbis Glaucoma Santen project**



### Education & Training (Glaucoma Services)

1

Long-term  
ophthalmologist  
trained

55

Short-term  
ophthalmologists  
trained

### Project

#### Orbis-SCEH Glaucoma Project

To boost the current training facilities, SCEH in partnership with Orbis aims to strengthen the infrastructure and build training capacity in glaucoma through Digital training Hub. It also offers blended sandwich fellowships, observerships and HBT, webinars and CMEs

## Department of Neuro-Ophthalmology

The SCEH team is highly experienced and trained in treating conditions that affect both brain (neuro) and vision. Our ophthalmologists provide comprehensive clinical care to a broad spectrum of patients with vision problems due to inherited retinal diseases, optic nerve diseases, central nervous system disorders, ocular motility dysfunction (abnormal eye alignment or problems controlling eye movements), and pupillary abnormalities. Backed by a strong team of neuro-ophthalmology investigation experts and in-hospital physicians, we aim for a holistic approach to these multi-systemic diseases. The experts at Dr Shroff's Charity Eye Hospital, with their years of experience, ensure the management of all cases according to the latest protocols followed by pioneers of the field. In addition to providing the best care to patients we pride ourselves in providing various learning platforms through workshops, short term and long-term fellowships to future aspiring neuro-ophthalmologists.

### The Team

Dr Suma Ganesh

Dr Soveeta Rath

Dr Shailja Tiberwal

Dr Priya Goyal

Dr Richa Sharma

Optom Suman Thakur

Optom Rupali Singh

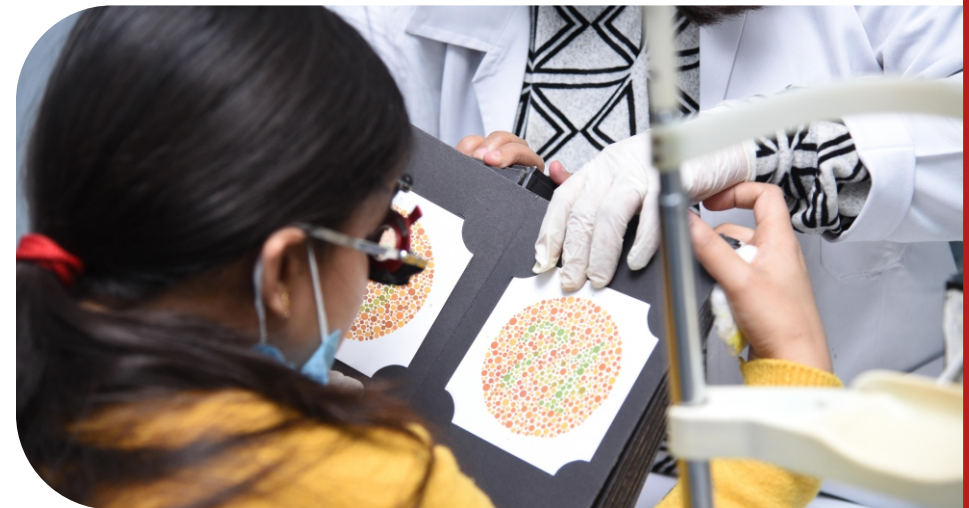
### Service Delivery

**1101**

Total OPD

**1043**

Daignostic procedures  
in Neuro-Ophthalmology



### Hope Restored for Ms. Ritu

Ms Ritu, a 35-year-old lady, presented to us with a sudden onset of vision deterioration in both eyes over a span of 3 days. She was not even able to recognise faces and her vision had dropped to counting fingers in front of face. Dr Rath meticulously examined her and found that both her optic nerves had swelling warranting a prompt imaging which revealed multiple sclerosis. Her father, who accompanied her always, left no stone unturned to follow all our suggestions- visiting neurologist, taking intravenous steroid injections and immune modulators. She was followed up weekly at our neuro ophthalmology clinic and was under constant monitoring of her optic nerve functions. She had an improvement in her right eye to 6/18p in 3 weeks but her left eye vision of 6/60 still bothered her. But she consistently followed our advice without losing any hope and by the end of the second month she had completely recovered vision in both eyes (6/6 both eyes). She did not have any other neurological issues. Ritu's vision was restored due to her timely reporting to the hospital and early diagnosis and treatment. With the risk of recurrences in multiple sclerosis and neurological involvement in future, Ritu has periodical follow ups with the neuro-ophthalmologist.



## Department Of Oculoplasty and Ocular Oncology

The department of Oculoplasty and Ocular Oncology was set up in 2009 and has grown exponentially since then. Our team of doctors at Dr. Shroff's Charity Eye Hospital comprises of highly skilled specialists trained from best centres in the country and abroad. The department provides a myriad of services including medical and surgical treatment of various cosmetic and functional deformities of the structures in and around the eye like ptosis, proptosis, thyroid eye disease, eyelid malposition, fractures of the bones around the eye, prosthetic rehabilitation of blind eyes etc.

The ocular oncology team treats various cancers of the adults as well as children like retinoblastoma, melanoma, eyelid tumours, tumours of the ocular surface etc. The integrated eye cancer treatment centre setup in 2015 is the first of its kind in North India providing all state-of-the-art diagnostic and routine and advanced treatment modalities for eye cancer under one roof. In addition to our clinical and research facilities, we also train short-term and long-term fellows in oculoplasty and ocular oncology.

### The Team

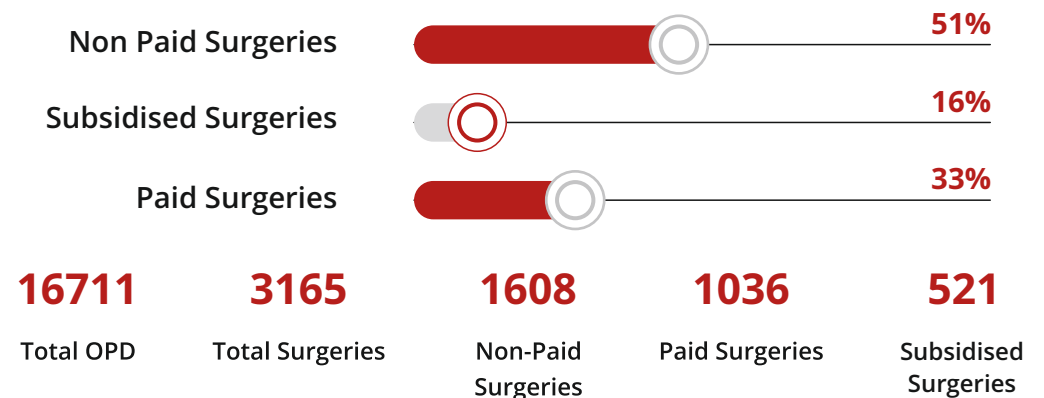
Dr. Sima Das

Ms. Jijimol

Dr. Namita Kumari



### Service Delivery



## Outcomes of a Well-structured Targeted Screening



**R**etinoblastoma, a heritable eye cancer with a strong genetic predisposition, can affect more than one sibling within the same family. Genetic testing and counselling play an extremely important role in the management of this cancer, by identifying the new-born babies at risk who needs screening for this tumour. Swift detection leads to better cure rates preserving not only the life but also the eye and vision. In addition to community screening for early detection of retinoblastoma, a targeted screening of at-risk babies based on genetic predisposition is an important strategy for early diagnosis and improved outcome.

Baby Ameera Hamza 1-month old child was diagnosed as a group A retinoblastoma, the earliest stage of retinoblastoma based on this targeted screening strategy of at-risk children. Born as the third sibling born in a family with two elder siblings affected with retinoblastoma, one who had lost her one eye and the other sibling who had lost vision in one eye due to this tumour.

Based on the results of the genetic testing, Ameera was found to be at high risk of having retinoblastoma like his other siblings and an immediate screening of his eye soon after birth did diagnose him to be having extremely early-stage retinoblastoma in both his eyes. Fortunately, the tumour was small enough not to affect his vision or threaten his eye. Treatment was initiated promptly and we hope he will be cured of the disease soon and retain full vision in his eyes. Identifying and early screening of at-risk children is an important strategy for early retinoblastoma detection and CBP support made it possible to diagnose Ameera at a very early stage, giving hope for the family to have him cured of cancer and save his vision and eye

## Projects

### Education & Training (Oculoplasty And Ocular Oncology)

2

Long term fellowship

36

Short term fellowship

### USAID Retinoblastoma Project (2020-2022)

This project aimed at addressing the treatment barriers related to Retinoblastoma management and improving the compliance rate and also upgradation of treatment facilities. 122 Retinoblastoma patients were treated under this project with improved treatment compliance and barriers were addressed.

### Koshika Retinoblastoma Project (From 2023 onwards)

This current project aims to provide diagnostic, treatment and rehabilitation support to the Retinoblastoma patients.

## Department of Pediatric Ophthalmology

The paediatric ophthalmology department at Dr. Shroff's Charity Eye Hospital is dedicated to safeguarding and restoring the magic in a child's world, by taking care of their eyes. The department is the first specialised paediatric eye care facility in North India.

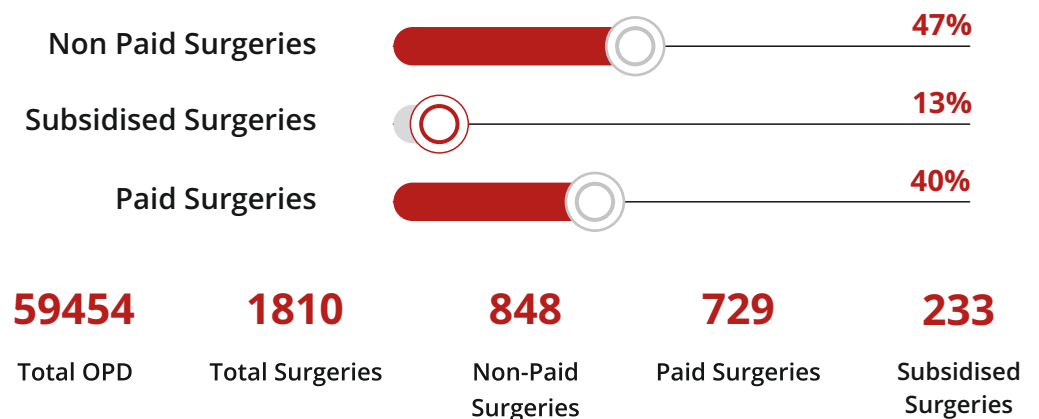
Since its inception in 2002, it has catered to millions of children, solving their eye problems, and providing them the gift of sight. With the cutting edge expertise across a spectrum of paediatric eye disorders, the department is evolving into a centre of excellence providing advanced eye-care and training professionals to cater to all aspects of eyecare. Our specialists are all trained experts in their respective fields and collectively ensure comprehensive and proficient care.



### The Team

Dr. Suma Ganesh	Dr. Priya Goyal
Dr. Shailja Tibrewal	Dr. Richa Sharma
Dr. Soveeta Souravee Rath	Dr. Shyam Byas Sherwan
Prem Kumar Singh	Rupali Singh
Preeti Sharma	Suman Thakur
Munesh Bharti	Anjali Srivastav

### Service Delivery





## Baby Anabia's Journey and the Gift of Vision



**B**aby Anabia, a 1-year-old girl, hailing from a small region in Delhi (Mustafabad) was born with congenital cataract and Nystagmus. Her parents observed the visual challenges at the age of 4 months when Anabia failed to focus on objects and even on light.

Limited financial means led to difficulties in seeking specialised medical attention. Anabia's father, a hardworking vegetable vendor, had a modest income of 10-15K per month and 5 mouths to feed. But an advertisement about an eye camp organised by SCEH at the Bhajanpura vision centre brought the family a ray of hope.

From the vision centre, she was referred to the main hospital in Daryaganj where she underwent successful cataract surgery, entirely without cost. Her parents' joy knew no bounds as they witnessed a transformation in their baby girl. She was now able to see and focus and seemed to have come to life.

Her journey exemplifies the profound impact of the paediatric departments' skilful and compassionate eye care and the hospitals commitment to providing eye care to all

## Education & Training (Pediatric Ophthalmology)

3

Long term fellowship

36

Short term fellowship



## Projects



## Department of Vitreo-Retina Services

The Vitreoretina services at SCEH is a modern well-equipped department with cutting edge technology to manage all complex medical and surgical patients of various vitreoretinal diseases. The department serves as a tertiary referral base for many patients from numerous states. At SCEH, our team of doctors in the department manage patients of all age groups including babies of retinopathy of prematurity (ROP) to geriatric patients suffering from age related macular degeneration (AMD) and diabetic retinopathy. Vitreoretina department has world-class infrastructure with extensive facilities for medical and surgical retina including microincision vitrectomy surgery (MIVS) and complex bimanual surgery for proliferative diabetic retinopathy. Our department won the prestigious Americare award for our services delivered to patients with diabetic retinopathy. We are actively involved in clinical research and various clinical trials are conducted to test the efficacy and safety of new drugs which would help us manage our patients better in future.

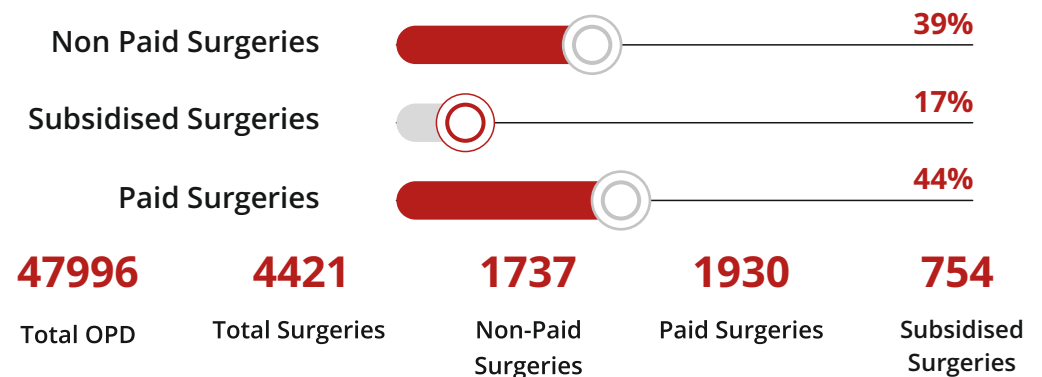


### The Team

Dr Manisha Agarwal  
Dr Shalini Singh  
Dr Rahul Mayor  
Dr Rushil K Saxena

Dr. Isha Agarwal  
Dr. Tanya Jain  
Dr. Arjun Bamel

### Service Delivery





## A Story of Transforming Lives Through Surgical Precision



A 5-year-old boy from Saharanpur diagnosed with Sticklers Syndrome presented to the SCEH OPD with a chronic bilateral rhegmatogenous retinal detachment. The boy belonged to an economically challenged family with 6 children.

The patient was evaluated and planned for a complex retinal detachment surgery. He was first operated for the left eye, and due to the vitreous abnormalities, chronic nature of the RD with multiple subretinal gliotic adhesions, the patient underwent a 4 hour long tedious and meticulous surgery.

On follow up the child started showing signs of improvement and was now able to eat, walk and read large letters. The family was elated. One month later the child underwent a similar surgery in the right eye and now 6 months later, the BCVA is 6/18P and 6/36 in the right and left eye respectively and the child has now been able to get admission in a local school and now reads and draws and is able to carry out his routine activities.

### Education & Training (Vitreo-Retina Services)

3

Long term fellowship

36

Short term fellowship



## Projects

### 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.



## Department of ENT (Otorhinolaryngology, Head and Neck Surgery)

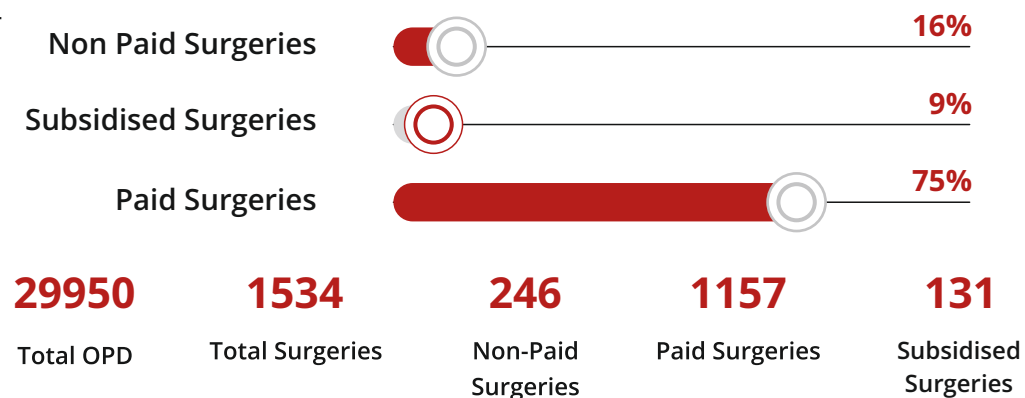
Dr. Shroff's Charity Eye Hospital has a vibrant department of Ear, Nose and Throat disease housed in a corner of the sprawling building. Dedicatedly serving the community for more than seven decades, The Department of ENT has had a great impact on the more than a million lives that it has touched. Passionate about hearing health and deafness eradication, in addition to our paid patients, we have also adopted marginalized and underserved areas of the city and outside to deliver quality care to all those who need it. Our services include the difficult areas of Head and Neck Cancers that require grit and commitment in the face of extreme pain and disability. Comprehensive ENT services include all areas of Ear, Nose and Throat care for all age groups. Unique feature of the ENT department at SCEH is its location in the midst of an Eye setup making it one of the famous Eye and Ear infirmaries. This department specializes in minimally invasive transnasal endoscopic surgeries for orbit and lacrimal drainage disorders. Hence it is one of the tertiary referral centres for all these procedures. Watery eye/epiphora in children is treated using a dual endoscope system, a most advanced minimally invasive technique. The department has one of the highest series of such cases in North India and has published multiple articles on the same. The department is dedicated to nurturing hearing and transforming ENT health in innovative ways.

### The Team

Dr Nishi Gupta	Mr Micheal Choudhary
Dr Nidhi Dhawan	Ms Jyoti Rai
Dr Poonam Singla	Ms Jeena Gope
Dr Jyoti Singh	Ms Shabina
Dr Parul Parmar	



### Service Delivery



## The Compelling Story of Triumph Over Squamous Cell Carcinoma

A 48 years old gentleman, presented to SCEH with a proliferative lesion in front of left ear. It involved his ear lobule and post auricular area. He had already visited multiple government hospitals but his surgery was not being scheduled while his lesion was increasing in size.

He also had a skin condition, called discoid lupus erythematosus, which had resulted in whitish patches of discoloration on his skin. Biopsy of the lesion showed it to be squamous cell carcinoma of the skin. Here, at our ENT department, he underwent wide local excision of lesion with superficial parotidectomy along with neck dissection and reconstruction by cervicofacial flap at a very subsidized rate. But his battle was far from over as he also required adjuvant treatment in the form of concurrent chemotherapy and radiotherapy, which he could not afford.

The doctor's at our ENT department went out of their way to arrange early slots for radiotherapy and chemotherapy at a government hospital. He is now treated and free of cancer and he is one of our very happy patients.

### Education & Training (Otorhinolaryngology, Head and Neck Surgery)

2

Basic ENT Training  
(For ENT ORP)

5

Basic ENT Training for  
Eicher Mobile Van

6

Certified Ear Paramedics



### Awards & Accolades

Gold Medal for paper of original research during the Award Paper Session at PAICON 2017.

First prize for pre-forum assessment at National Conference held at Patel Hospital, Jalandhar, India.

Silver Medalist from Baba Farid University of Health Sciences, Punjab (BFUHS) 2018 MS (ENT) examination.

### EVENTS



**Free Ear Check-up Camp organized at SCEH ENT Department on World Hearing Day 3rd March, 2023**



## Department Of Anaesthesiology & Pre-Operative Care Services

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 anaesthesiologists 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.

### The Team

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

**Total no of cases done 2500**

### Education & Training (Anaesthesiology & Pre-Operative Care Services)

**49**

Doctors trained in Basic Life Support

### Anaesthesiology Team's Impact to Our Mission



Being a tertiary care and a referral centre, SCEH often receive cases which are surgically challenging and poses anaesthetic challenges as well. Many children with congenital heart diseases who could not be operated elsewhere because of coexisting comorbidities are readily taken up at SCEH with due diligence under expert supervision. What our clinics see is complicated ocular diseases and the outcomes of the surgery we perform, but working behind the scene, in our OT's, is a dedicated team of anesthesiologists and technicians, who are the backbone of operating team, and to a huge extent responsible for the outcomes we celebrate. Recently, many high-risk cases were taken up for surgery under general anaesthesia, one being an acid attack survivor with neck and face contractures and a difficult airway. Another, an 87-year-old patient with heart disease and stenting performed twice, breathing difficulties, hyper-tension, hypothyroidism and a difficult airway to be operated for a large laryngeal cyst almost obliterating the glottis chink. A patient of Steven Johnson's syndrome in its acute stage for emergency ocular intervention was also taken up by the team, which was a crucial step, in saving the vision of the patient.



## Department of Eye Bank

The eye bank at Dr. Shroff's Charity Eye Hospital is one of the biggest, busiest and most well equipped in North India, with the latest state-of-the-art equipment. SCEH Eye Bank is registered under the Transplantation of Human Organ Act (THOA) 1994, Government of India. SCEH Eye Bank is a lifetime member of Eye Bank Association of India (EBAI).

### The Team

Dr. Manisha C. Acharya

Mr. Aamir

Mr. Akash

Mr. Badri

Mr. Bhupesh

Mr. Hritik

Mr. Surender Dixit

Mr. Mukesh

Mr. Prem

Mr. Ramesh

Mr. RD Sharma

Mr. Roshan

Mr. Sandeep

Mr. Sombir

Mr. Suresh

Ms. Krati Goyal

Ms. Mahima

Ms. Shail

Ms. Sweta

Ms. Aishwarya Jha



### Eye Bank Collection Data

**1385**

HCRP Collection

**195**

Vrindavan Centre

**1835**

Total Collection

**53**

Alwar

**202**

Sonipat CCRP

### Major Highlight

**Recipient of 2022 A P Sah Rolling Trophy for the best practice Eye Bank in North India by Eye Bank Association of India (EBAI).**

## Prachi's Gift of Sight Brings Hope Amidst Grief



Any parent's worst nightmare is to cremate their own child. Beautiful 14-year-old Prachi, student of class 9 on 19th December 2022, while getting ready for her school got a massive cardiac arrest and by the time her parents could do anything she was dead. The family took her to the Hospital and the doctors declared her death. The whole family was devastated and could not believe that they had lost their beloved daughter. The eye donation counsellor appointed by SCEH Eye Bank at the hospital came to know about the incidence and they started the counselling of the father, Mr. Pradeep Kumar.

After hearing the benefits of eye donation and how this act of kindness can give sight to two corneal blind patients, he agreed for the eye donation. For a little girl who always wanted to do good in the world, her father would not be deterred from making sure that his daughter's death would not be in vain. The corneas were procured by the trained team of Eye Bank. The corneas were examined and they were found to be of exceptional quality. In the morning, two families were woken up by a life changing phone call. Two young children who had been waiting for months for a suitable match were going to be the recipient of Prachi's corneas. In the next 4 days, two successful PK surgeries were performed.

Because of the brave decision taken by the Prachi's family these two kids have a fighting chance at a normal life.



### Education & Training (Eye Bank)

33	Tissue Recovery technician training	3	Eye Donation Counsellor ( EDC)	7	Tissue Evaluation technician
1	Eye Bank Observation program	3	Eye Bank Medical Director	3	AMG Training
1	Cornea transplant coordinator	1	PK assistant observation program	16	DSAEK, AMG preparation workshop

### Eye Bank Tissue Transplant Data 2022

**1485**

**Total**

**958**

**SCEH**

**527**

**Outside**

## Department Of Laboratory Services

The Department provides laboratory-based discipline in Pathology, Molecular Biology, Immunology, Specialized Biochemistry and Microbiology. Catering to ophthalmologists, ENT specialists and allied professionals, and aiding in comprehensive evaluation of patient samples to arrive at precise diagnostic insights. Our commitment to excellence and reaching to many is underscored by our fully equipped Labs at SCEH – Delhi, Mohammadi and Vrindavan, making us the only Ocular and ENT hospital to have three dedicated ocular labs in the country. The Laboratory Services is mindful of the quality standards.

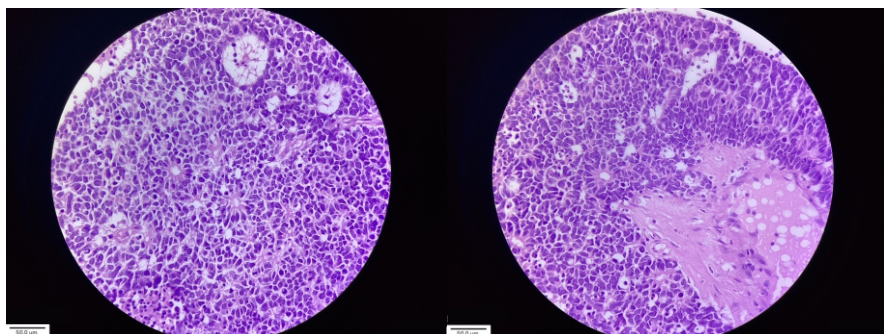
### The Team

Dr. Arpan Gandhi  
Mr. Sajy Thomas

Mr. Deepak Kumar  
Mr. Amit Kumar Yadav

### Retinoblastoma under our microscope

Hyperchromatic small malignant round blue cells with scant cytoplasm arranged in sheets, nests and rosettes



### Education & Training (Laboratory Services)

**55** COP girls trained    **12** Doctors trained    **25** External candidates trained

**2000+**  
Histopathology  
and  
Cytopathology  
Samples

**10000+**  
Microbiology  
Samples

**9000+**  
Haematology  
Samples

**8000+**  
Clinical  
Pathology  
Samples



## Department of Community Ophthalmology & Public Health Research

As a team, we strive to make a difference in the accessibility of quality eye care to all who need it. The ethos of the DPH is to create and implement financially and operationally sustainable models of care delivery in the community, as well as at the primary and secondary levels. The DPH also represents SCEH, and the work being done across the network, at national and international platforms such as the International Agency for the Prevention of Blindness, where leaders from the public health for eye care industry engage in scientific discussion and debate, learn from each other and collaborate.

### The Team

Dr. Shalinder Sabehrwal  
K. Anand Sudhan  
Shyamanta Bijoy Neog  
Hammad  
Ishaana Sood  
Naval Chauhan  
Birendra Pratap Singh  
Mohd Javed

Zeeshan A. Siddiqui  
Vinay Singh  
Shabbeer Ansari  
Arnab Modak  
Imtiaz Ahmad  
Nagma Ansari  
Shivani Saini  
Dharmendra Kumar



**226754**

Patients seen  
at Vision Centre

**1984388**

Door to Door  
Screening

**64**

Vision Centre

**301335**

Pediatric Screening

**121358**

Eicher Drivers  
Care Program

## Empowering Kajal to Live Her Dream



**H**ailing from a small Town of Bhuribans Nakur in Saharanpur, Kajal a bright 20-year-old was not able to complete her graduation nor have a carefree childhood like others her age. She had to shoulder the responsibility of her younger sister, mother and her ailing father.

With determination to at least ensure that her sister gets education, Kajal started searching for a suitable employment. It was during a public announcement by SCEH team for Aadya programme, facilitated by Combat Blindness International, that she discovered the role of a screener. She underwent a rigorous recruitment and training process which proved transformative. Field exposures enriched her understanding of eye health and enhanced her communication skills. Under the guidance of senior Aadya screeners, Kajal grew to be a confident, independent and compassionate screener. Her unwavering dedication has led her to conduct over a thousand screenings, embodying the very essence of the Aadya program.

This opportunity, born from determination and nurtured by SCEH, has given Kajal the power to shape her future on her own terms.

## Education & Training (Community Ophthalmology & Public Health Research)

**104**

Members trained under organizational development program

**12**

Members contribute regularly to the weekly journal club

### Our Partners



## Department of Quality

Our quality department journey started with ORBIS International, a renowned organization dedicated to improving global eye health. Their support and guidance have played a crucial role in the establishment and development of our Quality Assurance department. At SCEH, we take pride in our commitment to quality. Our dedicated Quality Assurance department ensures that the highest standards of patient care and safety are maintained throughout our organization. With our sincere efforts and intelligent direction, we have made a significant impact on the quality of our hospital and its services. Not only is our main hospital accredited by NABH, but our secondary centers in Mohammadi, Saharanpur, Vrindavan, Meerut, Alwar, and Ranikhet have also obtained NABH Entry Level Certification. This expansion further demonstrates our commitment to maintaining consistent quality standards across all our locations.

### The Team

Dr. Suneeta Dubey	Mr Raj Babu
Mr. A K Singh	Mr. Yogesh Yadav
Mr. Nag Bhatt	Mr. Prakhar Patel
Mr. Parvindra Kumar	Ms. Vijeta Khurana

### Quality Consultancy Projects

- ✓ VMANN, 24 South Parganas, West Bengal
- ✓ Biratnagar Eye Hospital, Nepal
- ✓ SCEH – Alwar
- ✓ SCEH – Meerut



### NABH Accreditation

- ✓ Base Hospital – (Dr. Shroff's Charity Eye Hospital), Dariyaganj, Delhi

### Entry Level NABH Accreditation

- ✓ SCEH Mohammadi Centre
- ✓ SCEH Saharanpur Centre
- ✓ SCEH Vrindavan Centre
- ✓ SCEH Meerut Centre
- ✓ SCEH Alwar Centre
- ✓ SBHCH Ranikhet Centre

### Education & Training (Quality)

3756

Internal staff trained

305

Internal staff trained by partners institute



## Department of Research

Research has been an integral part of the hospital. Encompassing public health, basic science and clinical research including corneal regeneration. Our research initiatives are guided by a certified 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

Dr. Virender Singh Sangwan

#### Ethics Committee

Dr. Manisha Agarwal

Dr. G V Rao

Dr. D K Mehta

Ms. Preeti Monga

Dr. Suma Ganesh

Ms. Mona Meattle

Dr. Nishi Gupta

Mr. Harish Kumar

Dr. Arpan Gandhi

Mr. Neeraj Chaudhari

Dr. Vivek Jha

Ms. Sunita Arora

Dr. Rajat Goyal

Mr. Abrar Ahmed Khan

#### IRB Committee Internal Members

Dr. Nidhi Gupta

Dr. Shailja Tibrewal

Dr. Shalinder Sabherwal

Dr. Namita Kumari

Mr. Atanu Majumdar

Mr. Saptarshi

Dr. Isha Agarwal

#### External Members

Dr. Dinesh Talwar

Dr. Ritu Arora

### Number of Research Publications in the Department

**09** Department of Laboratory Services

**11** Department of Glaucoma Services

**25** Department of Pediatric Services

**15** Department of Vitreo-Retina Service

**09** Department of Community Ophthalmology and Public Health Research

**23** Department of ENT Services

**09** Department of Oculoplasty and Ocular Oncology Services

**20** Department of Cornea, Refractive Surgery & Contact lens

**11** Department of Stem Cell & Innovation



Indian Journal of Ophthalmology



British Journal of Ophthalmology



British Medical Journal



Uveitis Society (India)



BMJ



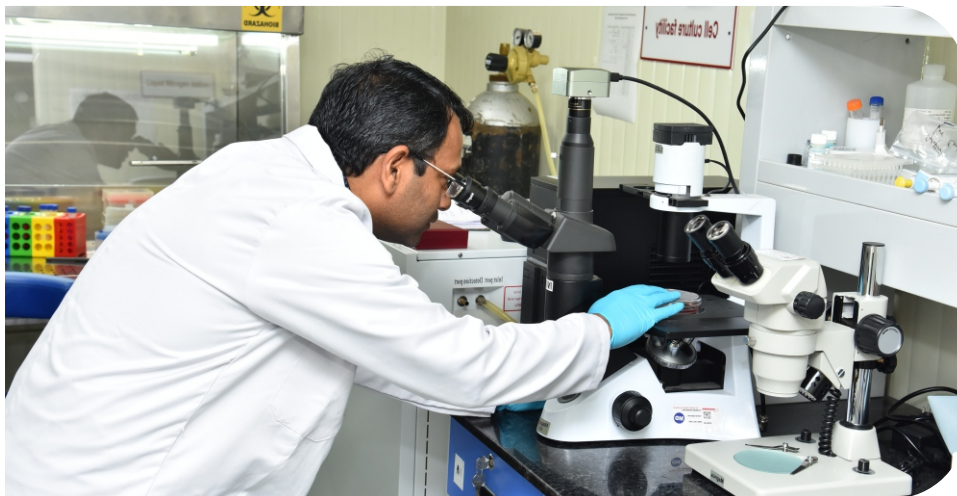
National Library of Medicine



# Department of Stem Cell & Innovation

The mission of the Stem Cells Department is to excel in translational Research and Innovation. This centre focuses on fostering fundamental creative discoveries and innovative research strategies, protect and improve health and, at the same time, to promote the highest level of scientific integrity, accountability, and social responsibility in the conduct of research. The research and innovation centre provides leadership and direction to program, design and ultimately to improve the health-care system.

The innovative work held at this centre is in advancing our knowledge of i) corneal cell biology, regeneration and stem cell, ii) glaucoma (trabecular meshwork stem cell biology and stem cell-based therapeutics, and ocular biomechanics), iii) retinal and RPE development, degeneration and regeneration, iv) visual neuroscience, v) ocular infectious disease, ocular immunology, the ocular microbiome, vi) ENT research vii) community research. We focus on establishing a collegial, collaborative and productive group of researchers.



## The Team

Dr. Virender Singh Sangwan

Dr. Anil Tiwari

Dr. Akhil Varshney

4

Major grants from  
**DBT, DST-SERB and ICMR**



Internal support  
from **EICHER**



MoU signed **MAHE**,  
**Jamia Hamdard**,  
**University of Missouri**,  
**Pandorum Technology, Helex Inc**



Recognition SCEH  
as a research centre from  
**MAHE** for **PhD** program

# Standard Chartered-Shroff's Eye Care Education Academy

Education and training has been one of the core focus areas of the organisation since its inception. Though the education programmes for ophthalmologists and optometrists has been in place for the last 20 years, the medical education department was formally incepted in 2010. Over the years, the organisation has expanded the scope of education to train not only various cadres of ophthalmologists and optometrists but also paramedical staff and allied ophthalmic paramedics. Since its inception, the education centre has trained 120 ophthalmologists coming from various parts of the country and abroad via long term programmes and more than 600 ophthalmologists via various short term training programmes. The education department has recently joined hands with Standard Chartered bank to boost up the eye care education initiatives to meet the unmet need of ophthalmic healthcare force in the country. The Standard Chartered- Shroff's Eye Care Education Academy will include strategies and interventions that provide context-relevant health professional education to ophthalmologists, allied ophthalmic paramedics, eye care managers as well as other cadre of eye care delivery manpower.

## The Team

Dr. Sima Das

Dr. Julie Pegu

Dr. Parul Dutta

Dr. Shalinder Sabherwal

Dr. Aditi Gupta

Ms. Sunita Arora

Mr. Nitin Kumar

Mr. Sandeep K. Chaudhary

Mr. Vaibhav Anand

Ms. Pragya Aneja



## Number of Candidates Trained

### Ophthalmologists

13 Trained via long term courses

393 Trained via short term courses

1234 Participants reached out via digital learning forums

### Allied Ophthalmic Paramedics

58 Trained via long term courses

177 Trained via short term courses

### Eye Care Manager

58 Trained via long term courses

177 Trained via short term courses

### Optometrists

58 Trained via long term courses

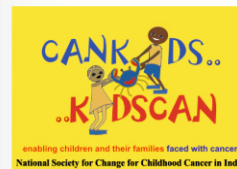
177 Trained via short term courses



## Our Partners



## Our Partners





## Dr. Shroff's Charity Eye Hospital

5027, Kedarnath Road, Daryaganj, New Delhi - 110002

Ph: 011-43524444, 43528888 | Web: [www.sceh.net](http://www.sceh.net) | Email: [communications@sceh.net](mailto:communications@sceh.net)

Alwar | Karol Bagh | Lakhimpur Khiri | Meerut | Ranikhet | Saharanpur | Vrindavan

Produced & Designed by: Shantanu Das Gupta, Dr. Monica M. Gandhi, Manish Lal, Shivani Sood, Harkirat Singh, Himanshu Kumar, Upasana, Vaibhav Anand