



Dr. Shroff's Charity Eye Hospital

Delhi | Alwar | Lakhimpur Khiri | Meerut | Ranikhet | Saharanpur | Vrindavan

www.sceh.net

Newsletter Issue: 25

Inauguration of SP-CORE



SCEH inaugurated the Shroff-Pandorum Centre for Ocular Regeneration (SP-CORE) on June 14, 2023, in partnership with Bengaluru - based Pandorum Technologies. The chief guest for the occasion was **Mr. Amitabh Kant, India's G20 Sherpa & Former CEO, NITI Aayog**. Mr. Sunil Munjal, a prominent industrialist, a philanthropist and the chairman of Hero enterprise also graced the occasion. The center is a first of its kind working towards fulfilling the mission of eradicating avoidable blindness by generating alternative solutions to corneal blindness, other than transplants and by making regenerative treatments accessible to millions. At present, the only way to get cornea for corneal transplantation is by cadaver donors, and this is the biggest challenge to meet the need. Our partnership with Pandorum Technologies aims to overcome this challenge by

exploring innovative therapies in regenerative medicine by replacing a human tissue by artificial bioengineered cells.

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"A fascinating facility has been built at Dr. Shroff's Charity Eye Hospital. I am delighted to visit SCEH and see the immense amount of contribution to the society done here in terms of eye care. The work done in the hospital has affected a vast section of our humanity"

-Mr. Amitabh Kant



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Sadguru Humanitarian Award

Sadguru Netra Chikitsalaya honoured Dr. Virender Sangwan by conferring him with the Sadguru Humanitarian Award in recognition to his services to Indian ophthalmology at The Sadguru

Conclave 2023. FUSION was a three-day conference on Cataract, Glaucoma & Cornea at Shri Sadguru Seva Trust Chittrakoot.



Corneal procedures for a comprehensive ophthalmologist

The department of cornea and refractive surgery organized a corneal procedure workshop for commonly performed minor OT procedures that are vital to any ophthalmology practice. Didactic lectures followed by a wet lab session were organized where participants practiced the procedures on goat eyes and pig heads. The participants were provided a Ready Reckoner to help with the procedures later. The procedures covered were TABCL, Tarsorrhaphy, Amniotic membrane grafting, Tenon's patch graft, corneal tattooing, air descemetomy & corneal tear repair.



Orthoptics Workshop



The department of Pediatric Ophthalmology, Strabismus and Neuro Ophthalmology conducted a hands-on workshop on orthoptics and binocular vision therapy on June 18, 2023. The course included didactic pre-course lectures and case based learning along with live demonstration of orthoptics on patients.



ARMD Workshop

A workshop on Age related macular degeneration (ARMD) was organized by the Department of Vitreoretina on June 17, 2023. The purpose of the workshop was to spread awareness of ARMD and to train the participants to manage patients with ARMD. A case based approach was followed and a hands-on wet lab was also organized to demonstrate the technique of administering intravitreal injections.



SCEH Collaboration



The collaboration has a mission to provide comprehensive eye care services with utmost compassion, quality and affordability to all living in and around Modinagar.

*-Smt. Asha Gandhi,
Chairperson of the Trust said*



Another MoU was signed between CP Plus and SCEH with the aim of delivering equitable eyecare services. SCEH will receive infrastructure equipment support from Mr. Khemka to establish Urmila Khemka-SCEH day care ward at SCEH Daryaganj, Delhi.



To carry forward its mission towards delivering eye care services to the unreached population, on June 23, 2023 SCEH collaborated with Dr. L. K. Gandhi Trust to open the Dr. L. K. Gandhi - Dr. Shroff's Eye Care Institute at IDST Modinagar, Uttar Pradesh. With this partnership, SCEH has plans to provide sight restoring eye surgeries to about 3500 - 4000 patients annually in the initial phase. In the years to come the institute plans to benefit about one lakh people annually.



Caption: The event was attended by Dr. L. K. Gandhi trust's Chairman Smt. Asha Gandhi, and other Trustees Dr. Vikram Gandhi, Smt. RadhaChoudhari, Ms Anisha Gandhi, and Shri Vikas Choudhari.



Dr. Neha Kapur in a live telecast on Good News Today, AajTak, talking about eye care tips

Dr. Suma Ganesh featured in the Times of India giving information on progression of myopia in kids

Spending time outdoors can slow down the progression of myopia in kids

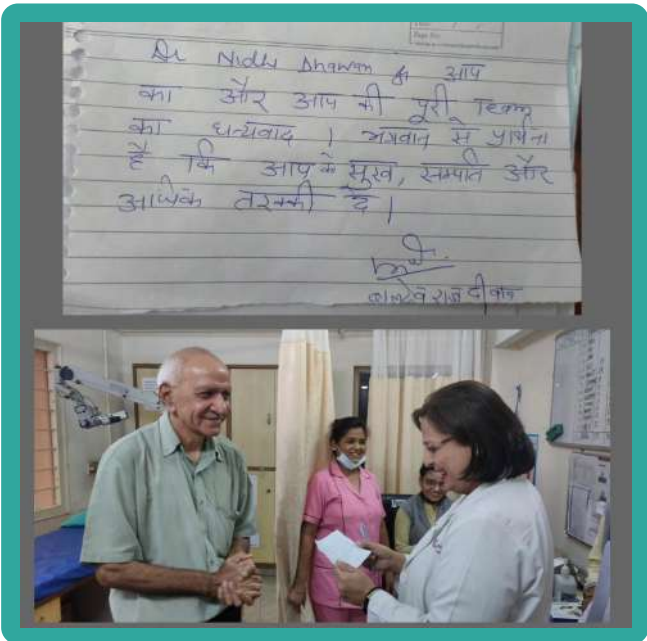
Studies have revealed that being outdoors in sunlight can halt the progression of myopia among children. Here's why kids should be encouraged to play outside and spend less time with gadgets



Dr Suma Ganesh
Consultant Paediatric Ophthalmologist,
Dr Shroff's Charity Eye Hospital, Delhi

Myopia progression can be controlled by low-dose atropine drops, special glasses and ortho-k lenses. It is important for children to have annual eye check-ups as well.

A hand written thank you note from a patient



"Doctor-Patient relationship is part of the healing process"
-Jalpa

The impact of providing tertiary level services.... ...to the population that needs it the most.

Sitting in a private ophthalmology clinic in an urban city, we rarely come across a corneal ulcer, and even if we do, we have the liberty to refer it to a nearby facility. The story of a rural ophthalmology practice is worlds apart.



Imagine a daily wager, waking into your clinic, with a fiery looking painful eye, already having spent money worth multiple meals on medicines and not able to go to work either. This is commonplace in our secondary centres, where a bulk of our cornea clinic is active ulcers or it's sequelae. Not having a facility to identify the causative organism, most clinicians start the patients on a blanket treatment. One, it decreases compliance and hence effectiveness, two, it increases the cost burden on the patient. The ideal management of a corneal ulcer is based on the organism isolated; unfortunately, most tertiary care and private hospitals in India do not have a microbiology laboratory that can take care of ocular infections.



“Embracing innovation and equitable eye care is the key to addressing Corneal Blindness, the second leading cause of blindness in India. Rather than solely relying on corneal transplantation, our focus should be on preventing the need for it through timely and appropriate care of corneal infections in vulnerable rural-agrarian communities. By making microbiology services accessible in Shroff's rural hospitals, we take a crucial step towards reducing morbidity and ensuring a brighter future for underserved populations.

- Dr. Umang Mathur
CEO

Currently we have Ocular Microbiology Laboratories at SCEH Delhi, Vrindavan and Mohammadi. The impact of an early diagnosis and starting targeted treatment not only saves time and money but also ensures prevention of blindness. The Ocular Microbiology Laboratory at SCEH also undertakes training of young AOP women. We have already trained 45 women over the last 3 years. It has made a lasting impact in the lives of these young women and they have become independent and dedicated technical team members. We are proud to have them as part of SCEH

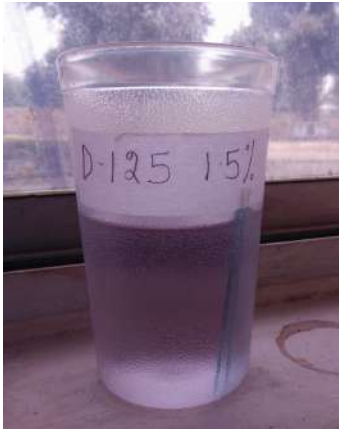
- Dr. Arpan Gandhi.
Director Laboratory Services
SCEH Entire Network

SCEH Delhi came up with its microbiology department in 2008, and has processed over two lakh eye and ENT samples. At our Delhi center we get referrals from 40-45 centres solely for the purpose of organism identification.

However the bigger feat was to open a fully equipped microbiology laboratory in two of our secondary centres - the place where maximum difference can be made.

The first one was in our hospital in Mohammadi, which was inaugurated on 1st May 2022 and the

second one, opened up in our centre in Vrindavan, 11th February 2023. SCEH Mohammadi located around 100 miles from the nearest tertiary care eye hospital, caters to a population that is mainly agrarian. Ulcers in the eye due to vegetative trauma are common and usually poorly treated. The laboratory in Mohammadi started with an idea, an idea that changed ulcer management. Paula Deen once said, **"Change doesn't happen overnight. It starts with the desire, then one small step in the right direction"**, and similarly, the microbiology laboratory at Vrindavan didn't happen overnight. It started with a commitment to provide in the form of one beaker, one

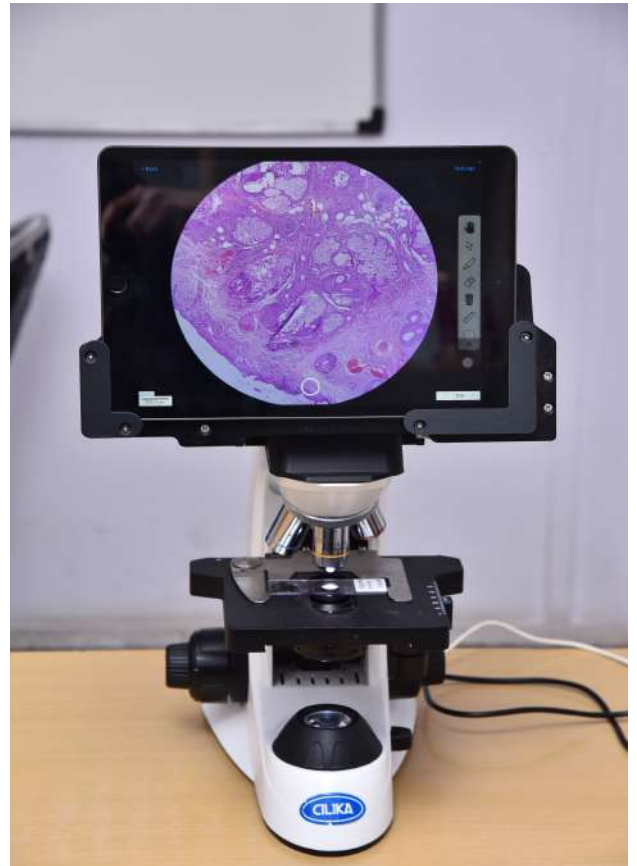


make shift tray for staining and a series of checklists. What we see now is a fully equipped laboratory with trained personnel.

These two laboratories have processed, analyzed and reported over 7000 samples and impacted about 2000 patients since inception. With this SCEH now is the only eye hospital to have two secondary centers with fully functioning ocular microbiology laboratories. This facility will also lead to a significant cost saving.



These laboratories not just provide the patients and doctors with the desired results but also employment



to the local people. Allied ophthalmic personnel are young women trained to deliver a particular skill, and the ones trained for the laboratory are doing a great job. SCEH has future plans to set up basic microbiology labs at Alwar and Saharanpur centres in the coming years.



-The Team
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Written by
 Dr. Isha Chaudhari, Ms. Shivani Sood

Sukarya Story (Kaizen)

Postponement and cancellation of surgeries not only causes inconvenience to the patients but is also challenging for the staff and administration. It is especially disconcerting, if a procedure is postponed after the patient has reached the hospital. It results in ineffective utilization of hospital resources, unnecessary costs and losses for the management, in addition to the money and time spent by the patient. It is therefore necessary to reduce such cancellations as much as possible. Postponement and cancellation is a multifactorial problem but quite a few reasons are preventable and potentially avoidable.

High postponement rates were noted in our patients who came from the vision centres to secondary centres for surgery, with uncontrolled vitals like blood pressure and sugar. Mr. Rampal Singh, an optometrist at the Alwar Centre, came up with an idea to avoid this. Blood pressure, blood sugar and syringing protocols are now displayed on the vision centre notice boards. The attendant and

vision technician record the vitals of the patient before sending them for a surgery to the secondary centres and make sure every vital is normal and as per the protocol and guidelines. This has led to a reduction in the rate of surgery postponement, saved expenses and will help improve the credibility of the hospital.



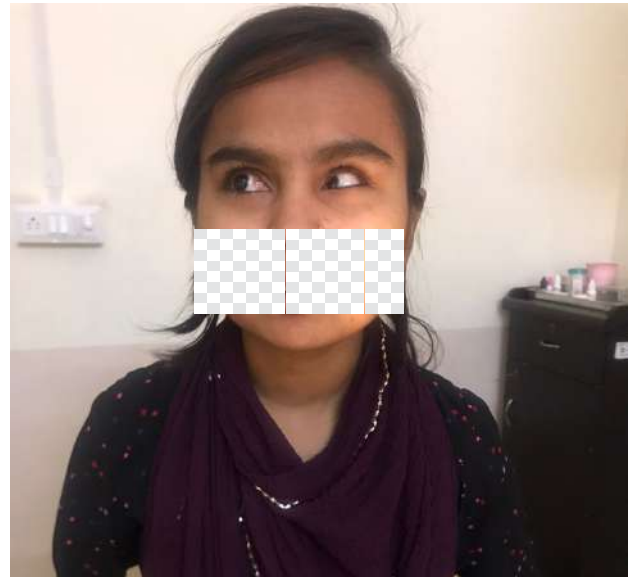
Story contributed by Mr. Vikas Tomer

Patient Story

This is a story about Meera (name changed), a brave and resilient eight-year-old child of a humble farmer from a small village Dasna in Haryana. She was born with vision in only one eye, and has always had to rely on it heavily to see the world around her. Unfortunately, a few months ago, she started to notice that the vision in her good eye was becoming blurry and distorted.

Meera's parents brought her to our hospital. On presentation, best-corrected visual acuity was finger counting close to face and she was diagnosed with a retinal detachment along with a Type 2 Chorioretinal Coloboma. This can lead to severe vision loss or even blindness if left untreated.

After carefully considering her options, the young girl underwent a long and tedious vitreoretina surgery under general anaesthesia for four long hours by Dr. Manisha Agarwal and her team. The road to recovery was not easy, but Meera remained positive throughout the entire process. She diligently followed all of our team's instructions, from prone positioning for 14 hours a day for 14 days, to taking her medications on time. Her parents were there every step of the way, providing unwavering support.



She recovered subsequently and gained a 6/18, N10 vision in her eye. Her vision has greatly improved, and she is able to go back to school and continue with her studies. She loves to draw and paint and teaches painting to the children in her village. We are proud of Meera's bravery and determination, and are honored to have played a part in her journey towards regaining her vision.

We hope that Meera's story serves as an inspiration to others facing similar challenges, and we remain committed to providing the highest quality

care to all of our patients, no matter their age or circumstance.

Story contributed by Dr. Tanya Jain

Humans of SCEH



I come from a small village called Paprela in Tehsil Mant, near Vrindavan. Earlier, I was a teacher in a private school. The reason I became a teacher was that I loved to teach children and impart whatever knowledge I have; unfortunately, the job didn't pay enough for me to run my house comfortably and I felt the need to look for a better job. One day, in the year 2014, an acquaintance, told me that a Delhi eye hospital is opening a branch here in Vrindavan. So, I gave an interview and got selected. I joined SCEH Vrindavan on 6th June 2014, and have been here ever since BHRC and SCEH joined hands.

I live with my parents, wife and two children. My father is a farmer, and I also do a lot of farming. My elder son had a lot of health issues when he was young. We used to pray a lot to Bihariji for his well-being. Call it an act of God or just a coincidence, but ever since I joined SCEH, everything in my home has

been great and my son's health has also improved and he hasn't fallen ill since.

There are two reasons why I like working here so much, one, it satiates my passion for teaching, as we have students now, and two, that I never have to say no to any patient who comes to us irrespective of whether or not they can afford the surgery. Vrindavan has a lot of old and poor people who have no family, and it fills me with happiness when I can help them and get their blessings. SCEH is giving me the opportunity to do God's work and being blessed by the Almighty. I always wanted to serve people, and that's what I love about being a counselor.

If everything remains the same, I will love to continue here at SCEH. It provides me with the income I need and also allows me to serve the underserved.



- Shiv Kumar
Counselor - BHRC Vrindavan
(Story contributed by Dr. Sufyan Danish)



Happy reading!

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