# **IIEI&H NEWSLETTER**



# January- 2023, Volume 2, Issue 1

## Ispahani Eye Bank: Hope for Blind People

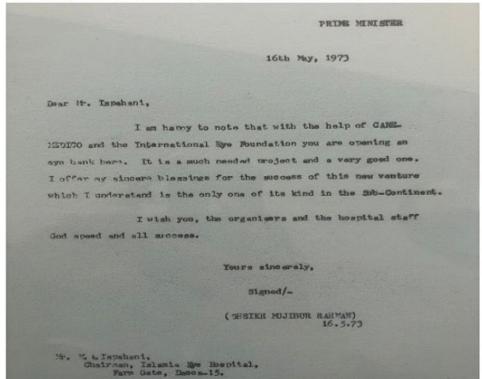
Our Ophthalmologists are fighting to combat blindness, especially corneal blindness, and Ispahani eye bank of IIEI&H is one of the pioneer eye banks that obtained permission from the government of Bangladesh on 8th November 2009, and a total of 4485 corneal blind patients registered to receive cornea till December 2022. Ispahani Eye Bank has several MoUs with the USA, Nepal eye bank, and Sri Lanka Eye Donation Society for Cornea import, and we received around 2117 corneas from them since 2009. As an outcome of voluntary eye donation, a total of 473 motivated people have pledged for voluntary eye donation. We always encourage people above 18 years of age to donate their eyes to our eye bank to support a blind person to see the beautiful earth.

## Present activities of eye bank

- Ispahani eye bank import donor tissues from different eye banks of USA.
- We organized voluntary eye donation programs & engage digital media to motivate community people to donate their cornea to eye bank.
- Our eye bank & cornea departments are performing the latest procedure like DMEK & DSEK.



First Eye donation to Ispahani eye Bank dated 21.09.2010



A Precious Historical Letter from Father of Nation Bangabandhu Sheikh Mujibur Rahman



Wetlab training of DSEK by Dr. Vikas Mittal, India.



Eye donation program with IIEI&H optometrists dated 27.03.2014

# Saving Vision and Changing Children's Lives Across the Country: IIEI&H ROP Services

The improvement in the country's economy has led to a visible improvement in neonatal care. As more premature babies now survive, the incidence of Retinopathy of Prematurity (ROP) is also on the rise. This improvement in neonatal care, which is sometimes suboptimal because of limited facilities and manpower has contributed to the emergence of ROP in Bangladesh. IIEI&H established the first ROP department in Bangladesh and currently consists of 6 consultants, headed by Dr. Mohammad Ibn Abdul Malek. ROP babies undergo regular screening, injections, and lasers and it is one of the very few centers that offers ROP surgery, which is technically very challenging due to the hazards of anesthesia in neonates. The department screened over 5000 patients in the last calendar year, with 422 eyes requiring laser, 364 requiring injections, and 35 eyes undergoing surgery, with numbers on the rise year-on-year. We screen babies with a gestational age of less than 35 weeks and a birth weight of less than 2500g. We also screen any babies outside these criteria adjudged at risk of ROP by the neonatologist. The ultimate objective is to prevent ROP, and raise awareness amongst neonatologists and gynecologists so that it can be screened and prevented at the appropriate time. With a growing team and an enthusiastic attitude, we aim to develop an outreach program and stop the needless blindness and visual morbidity that these infants face for a lifetime when untreated.



ROP Surgery is being Conducted by ROP Team



**IIEI&H ROP Consultants Team** 



ROP Screening is being Conducted by our Consultant



IIEI&H ROP Consultants & Support Staff Team

## **IIEI&H Anaesthesia Department**

The anaesthesia department is a vital department of the hospital which is essential to support all the sub-specialty departments like Pediatrics, Retina, Glaucoma, Oculoplasty, Trauma, Cornea, and all emergent situations that arise during the daily functioning of the hospital. It oversees the pre-anaesthetic evaluation of all patients and manages a wide array of complicated cases in the operation theatre. It is notable that the department regularly administers general anaesthesia to ROP (Retinopathy of Prematurity), babies who are generally very small and vulnerable and can present a very difficult and non-rewarding challenge. Currently, the anaesthesia department has five consultants and 13 supporting staff.



IIEI&H Consultants of Anaesthesia Department



Support Staff of Anaesthesia Department

## Services of anaesthesia department:

- General Anaesthesia is given in different age groups & including ROP babies.
- CPR training course (in-house).
- Monitoring and management of ROP patients during laser therapy and screening.
- Monitoring of high-risk patients during operation under local anaesthesia (L/A).
- Managing complications in L/A patients.
- Monitored Anaesthesia Care (MAC) for L/A patients.
- Pain management of pre and post-operative patients.

# Methanol toxicity - A Reviving Hope for The Blind Dr. Syeda Fatima Jinat, Consultant,

# Department of Neuro-Ophthalmology, IIEI&H

Methanol or wood spirits usually taken during festivals, new year celebrations, and social gatherings are highly toxic to humans. Ingestion of just 10 ml can result in blindness and drinking 30 ml or more is usually fatal within 5 to 6 hours. According to a study conducted in Bangladesh from 2008 to 2014, 104 people were the victim of spurious methanol poisoning, out of them 79 people died. Among the survivors, a number of people become visually handicapped. The Neuro-ophthalmology department of Ispahani Islamia Eye Institute and Hospital is the pioneer in treating these patients with the treatment. From 2013 to 2021 total of 146 patients (Visual acuity ranging from 6/6 to NPL) received treatment in our department with the satisfactory visual outcome, among them only 2 were female. In this study, about 80% of patients were between 20 to 50 years of age and most of the patients belonged to the Dhaka division. Visual prognosis depends on the amount of ingestion, visual acuity at initial presentation, and time of intervention. The result is promising if treated earlier. Social awareness in all sectors of Bangladesh is very important so that these patients can be sent to appropriate centers to save sight and reduce morbidity and mortality. Moreover, it is certain that in spite of recent advancements in treatment strategy, prevention is always better than cure.

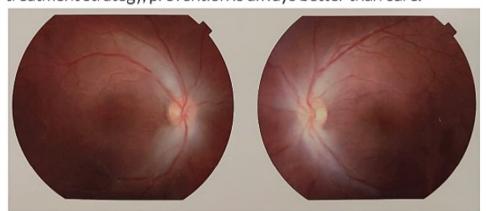


Fig 1: Color fundus picture showing severe nerve fiber ischemia of Methanol toxicity patient

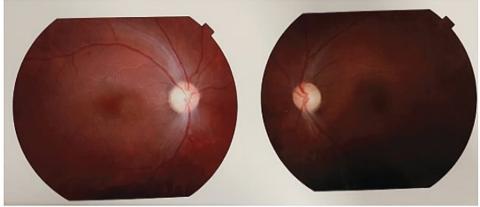


Fig 2: Color fundus picture of the same patient after treatment.

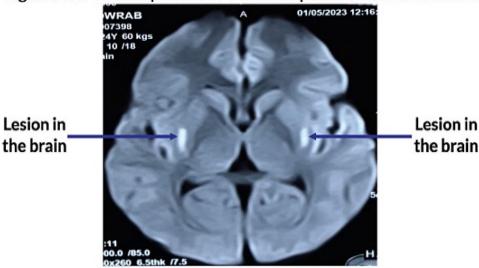


Fig 3: Lesion in the brain (Basal Ganglion in methanoltoxicity patient)

# An unusual case of shifting crystalline pseudohypopyon secondary to lens absorption with spontaneous openings in the anterior lens capsule.

#### Dr. Md. Abdul Muyeed Consultant, Cornea & Ant. Segment Department, IIEI&H

A 79-year-old patient presented with gradually increasing "whiteness" in his left eye for over years. Examination revealed a dense shifting hypopyon involving less than one-third of the anterior chamber along with floating, glittering, whitish crystals in the lower part associated with a mature cataract and a vision of only hand movements. The patient underwent surgery, with an anterior chamber wash with cataract extraction was done and an intraocular lens implant, with appropriate counseling regarding the uncertain visual prognosis. After cataract surgery, visual acuity was 6/12 on the first post-operative day, along with a very happy patient!



Cornea & Ant. Segment, Consultant performing patient examination



Fig 1: Hypermature cataract with pseudohypopyon



Fig 2: After Cataract surgery

## IIEI&H Central Sterile Supply Department (CSSD)

Central Sterile Supply Department (CSSD) is one of the important subdivisions of Nursing Services under Medical Services Department of Ispahani Islamia Eye Institute & Hospital (IIEI&H). The CSSD plays a key role in providing the sterile items required to deliver quality patient care. The fundamental role of the CSSD of IIEI&H is to receive, clean, decontaminate, package and sterilize surgical instruments & other necessary items that can be distributed to all departments within the hospital, including the Operation Theater (OT), Wards, out-patient department (OPD) and other special units such as the laboratory, continually striving for excellence in achieving best quality services. These instruments are processed in highly standard reprocessing equipment, which include Ultrasonic cleaners, Automatic washer-disinfectors & Dryers, and High-Pressure Steam sterilizers (GETINGE) that are routinely maintained and validated in order to prevent cross-contamination and infection in patients. This is achieved by well-trained and knowledgeable staff, who work in the CSSD under the supervision of experienced and trained managers well versed in risk management and quality assurance. To ensure the optimal quality of sterilization we use various quality indicators including Bowie-dick test, Mechanical indicators, Chemical indicators & Biological indicators. The CSSD of IIEI&H is exclusively managed by professional skilled technicians under the direct supervision of the Nursing Services and guided by the Medical Services department. Our well planned, well managed, well equipped and well-staffed CSSD ensures an infection free environment & maintains consistently high standards for sterilization and decontamination processes throughout the hospital. This has culminated in the extremely negligible cases of in-house infections, consistent with international renowned hospitals.



Inauguration of CSSD facility



CEO & Director of Medical Services were present in the Inauguration program



CSSD department included modern facility-I



CSSD department included modern facility-II



CSSD department support staff team

# "New Approach to Amblyopia Management"

Overcoming demerits of conventional management of amblyopia with patching occlusion recent updated management is dichoptic digital therapy. Digital therapy with the change of brightness and contrast allows more stimulation in the amblyopic eye (lazy eye) and less stimulation in the better eye (this better eye is not suppressed like occlusion therapy of conventional management) Amblyopia recovers, and at the same time, binocularity develops and improves resulting in the development of good stereopsis. We are going to introduce this digital therapy (in addition to non-digital therapy) for amblyopia patients for the first time ever in Bangladesh.

# CONTRACTOR OF THE PROPERTY OF

Patient at VT session for amblyopia



Vision therapy for ambloypia (non-digital therapy)-I



Vision therapy for ambloypia (non-digital therapy)-II



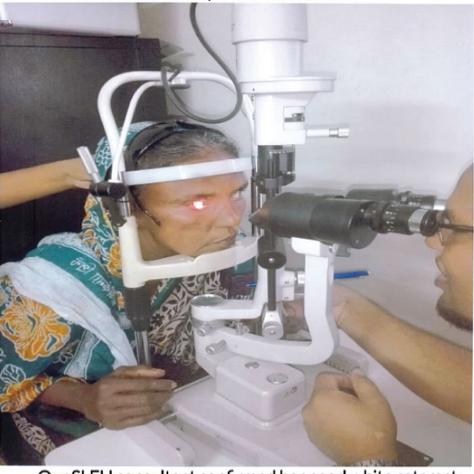
Vision therapy for ambloypia (non-digital therapy)-III

## We served The Unserved

Community eye healthcare is one of the major services of the IIEI&H and provides critical eye care services to unreached and rural remote populations across the country. Our community service is looking forward to reaching out to a needier and more underprivileged segment of society. As an example, Monowara Begum who lives in a broken house in a rural remote area where sunlight and rain go non-stop. She lives in an old broken house with her widowed daughter and one calf. She was suffering from pearl white cataracts for several years and had difficulty in maintaining her daily life. Our Primary Eye Care Center (PECC), located at Amatali diagnosed her cataract and referred her to IIEI&H Secondary level Eye Hospital (SLEH), at Barishal branch. Cataract surgery was conducted free of cost. The outcome of the surgery was very good and she got back perfect 6/6 vision which made her life much more convenient and comfortable.



Patient with pearl white cataract



Our SLEH consultant confirmed her pearl white cataract



SLEH conducted her cataract surgery

## Fellowship programs of IIEI&H education department

The foundation of clinical activities in IIEI&H is solidified by long-term (eighteen months) hands-on fellowship training which we have been offering to general ophthalmologists since 2006. The journey began with Cornea & Anterior Segment, with other subspecialties including Vitreo-Retina, Paediatric Ophthalmology & Strabismus, Glaucoma, Oculoplasty & Ocular Oncology, and Neuro-ophthalmology being gradually introduced. All sub-specialties also offer short-term fellowships (3-month observer ships), and are offered to both national and international candidates. Training plans are documented in detailed logbooks, following the best principles of training, and include goals & objectives, learning achievement documentation, evaluation methods, and professional guidelines. These programs allow the career development of ophthalmologists in sub-specialties which is rapidly becoming the norm. We offer one-to-one mentorship for the fellows to develop them not only in their academic, medical & surgical expertise but also in disciplinary, ethical & behavioral excellence. We are proud of the fact that we trained 11 long-term and 11 short-term foreign fellows coming from sub-Saharan African countries (Nigeria, Malawi, Ghana, Kenya) at IIEI&H under a five-year MOU with the Commonwealth from 2015 to 2019, and we also have had international fellows from Azerbaijan, India, Somalia, Burundi, and Tanzania, among other countries.

# Activities of the Long-Term Fellowship Program Up to December 2022

## Long-Term Fellowship in Cornea & Anterior Segment

Description	Start Year	National	International	Total
Completed Fellows	2006	36	01	37
Present Fellows		02	00	02

## Long-Term Fellowship in Vitreo-Retina

Description	Start Year	National	International	Total
Completed Fellows	2010	37	10	47
Present Fellows	7 2010	05	01	06

## Long-Term Fellowship in Pediatric Ophthalmology & Strabismus

Description	Start Year	National	International	Total
Completed Fellows	2010	20	04	24
Present Fellows		00	00	00

## Long-Term Fellowship in Glaucoma

Description	Start Year	National	International	Total
Completed Fellows	2010	10	04	14
Present Fellows		03	00	03

## Long-Term Fellowship in Oculoplastics and Ocular Oncology

Description	Start Year	National	International	Total
Completed Fellows	2011	10	01	11
Present Fellows		01	00	01

#### Long-Term Fellowship in Neuro-ophthalmology

Description	Start Year	National	Internationa	Total
Completed Fellows	2017	02	00	02
Present Fellows		01	00	01

Long-term fellow: National- 115, International - 20, Total No: 135 Short-term fellow: National- 53, International - 17, Total: 70 Total Fellow Passed out: 205

Present: 15 Fellows (Long Term)



Foreign and Bangladeshi fellows



Fellowship entrance exam



Fellows with doctors and management Staff



Cerificate giving ceremony



Inhouse fellow examining patient



Trainer guiding fellow in surgery



Foreing fellow practicing wet-lab



Central Clinical Presentation

# Meeting of the Research Committee held

With a view to giving appropriate momentum to clinical research activities, routine Research Committee (RC) meeting was held on November 05, 2022, at 5:00 pm in the Chairman's Office Room. The routine RC meeting was chaired by the CEO and all members of the RC attended. The committee discussed revision and finalization of the research protocols. They also discussed the ways and means to give impetus to the research activities by the doctors and interested members of Islamia.It is expected that with the upcoming infrastructure being built, the Mirza Ali Behrouze Ispahani research center will be established in full spectrum and facilitate in carrying out wide-ranging research activities.



Research committee meeting with the CEO



Research committee member's discussing with the CEO

## **ERC** meeting held

As part of the regular protocol, the 27<sup>th</sup> Ethical Review Committee (ERC) meeting was held on November 01, 2022, at 12:30 pm in the meeting room of the Education Department. The ERC meeting was chaired by Prof. Dr. Saleh Uddin and attended by member secretary, Prof. Dr. Sarwar Alam, ERC member Prof. A.S.M. Kamal Uddin, Associate Prof. Dr. Mahmood Mujtaba, Mr. Abu Naser Siddique, and Ms. Tania Sultana, and Delegate of Research, committee, Associate Prof. Dr. A.S.M. Moin Uddin. The ERC reviewed the submitted two protocols and approved protocols with few minor corrections. It is worth mentioning that the first meeting of the ERC was held on 14th March 2012 and till December 2022 the ERC has reviewed and approved a total of 136 research protocols.



27th ERC held at education department meeting room



ERC members discussing on submitted protocol

# Foreign fellows and trainees started their journey of learning in Islamia after COVID-19

After overcoming the isolation era of COVID-19, foreign nationals are showing interest again to join different educational programs. After COVID-19 till date 5 fellows have joined different training program:

Short-term neuro Fellowship: 1

Short-term cornea Fellowship:1

Long-term Retina Fellowship: 2

SICS training program: 1

It is worth mentioning that till now 83 foreign nationals came to this institute for different training programs.



Foreign fellow receiving her fellowship completion certificate



Foreign fellows group study in the library



Fellows spent time in the library



Foreign fellow conducting surgery in the OT



Foreign fellow getting practical experience in the clinic



Foreign fellow getting practical experience in cornea clinic

## Balancing service delivery and training: An initiative of IIEI&H training department

For sustained uninterrupted quality service delivery to patients, the Training Department team of IIEI&H has been working on selecting timing and methodologies for the training of staff members to achieve the training objectives. The usual practice of organizing and conducting training courses is either for a whole day long or consecutively for the number of days and usually started in the first half of the day (e.g. 9.00 am, or 10.00 am). In the context of IIEI&H, the conventional way of organizing training is not suitable due to the fact of patients flow in the hospital. We observed the high flow of the patients in the first half of the day – therefore would negatively impact service delivery unless organized on holidays. Therefore, Training Department plans and organizes tailor-made training courses

strategically inserting training contents and methodologies to achieve training objectives without interrupting hospital service delivery. A number of training methods that are relevant to our context are selected. The training methods that are most frequently applied in our training courses include the following:

## Brainstorming:

The facilitator leads the session using selected guiding questions. From the participant's responses, the facilitator helps choose the appropriate response/responses. The method is useful for a group size of 10 or less. Full participation of trainees can be ensured. It allows participants to share different views and experiences.

## Group discussion and activities:

This is said to be one of the most preferred participatory methods. Facilitator carefully guides the flow of discussion and equal participation of all participants to save time and allow proper discussion.

## Role-playing:

This is one of the best-preferred methods. It needs careful facilitation to save time and to make it lively. Usually, it relates to and simulates a real-life situation. This can be compared with a hands-on training method. Practicing on a dummy is usually called a demonstration method but is also a form of role-play.

#### Case studies:

In this method, a fact or a short story is shared with the participants, and a few relevant questions are asked of the participants. Usually, in responding to those questions, participants are divided into groups. The facilitator needs to carefully lead the session and should not jump to giving a judgment. There are debates among participants on what the correct response is. This process of debating allows participants to delve deeper into the process and clarify confusions, thereby improving understanding.

#### Audio-visual:

Audio-visual methods are useful to avert monotony in training participants. It is helpful in improving participants' attention and understanding. It can be compared with demonstration and in many cases where the practical demonstration is not possible, audio-visual demonstrations are done to give participants a real-life understanding of the targeted subject.

## Simulation game:

This method can be said as a bigger form of play simulating a real-life experience on any particular issue. Usually, it allows participants to learn and draw a real-life picture of the covered subject.

## Hands-on training:

This method aims at improving skill only, rather than knowledge. This involves practical demonstration and practice. Usually, a facilitator first shows the participants how to do a particular job, and then allows participants to do it one by one or in a group, depending on the skill.

## Coaching or mentoring:

This method is a long-term process, not applicable in a classroom situation. As an example, a project supervisor can plan to improve the performance of selected workers whose performance needs improvement in particular areas, by a process of demonstration, follow-up, feedback, and repeat follow-ups to address any difficulties, until the performance of the employee improves up to the desired level.

## Lectures followed by discussion:

Although a lecture is said to be a one-way method, it is applied to new topics, about which the participants have little knowledge. To make the training session participatory, facilitators apply the lecture method followed by discussion. The main advantage of this method is it saves time.



Training session is being conducted by director medical service



Brainstorming session is being conducted by head of training



Hands-on training/Demonstration



Group discussion and activities-I



Group discussion and activities-II

35<sup>th</sup> AGM of IIEI&H held

The 35<sup>th</sup> Annual General Meeting (AGM) of Ispahani Islamia Eye Institute and Hospital (IIEI&H) society was held on December 09, 2022, at 11.00 am in the Freed Hollows Auditorium, IIEI&H. The meeting was attended by the general and life members of the society. Mr. Mirza Salman Ispahani, chairman of the society appreciated the remarkable performance of the hospital in his inauguration speech. He also acknowledged the contributions of all the members, development partners, and well-wishers for their continuous support for Islamia. The CEO gave a Power Point presentation highlighting the financial and clinical performance of the fiscal year 2021-2022. The members of the society expressed their deep satisfaction with the steady growth and development of the hospital. Mr. Sheikh Kabir Hossain, vice chairman of the IIEI&H society, thanked the Management Committee (MC), hospital management, and all members of the hospital for the wonderful performance of the last fiscal year. He expressed his gratitude to all the members involved in organizing the AGM smoothly in his vote of thanks.



Advisor, IIEI&H participated in AGM registration



Chairman, IIEI&H delivered his inauguration speech on 35th AGM



Glimpse of 35th Annual General Meeting



Part of Audience of 35th Annual General Meeting



Partial Glimpse of 35th Annual General Meeting



Participants of 35th Annual General Meeting

# Scientific Seminar on Pediatric Ophthalmology held at IIEI&H

A scientific seminar on pediatric ophthalmology was held on October 26, 2022, at Fred Hollows Auditorium hall of IIEI&H. Prof. Dr. Sudarshan Kumar Khokhar, AIIMS, Delhi, India, and Prof. Dr. Mostafa Hossain attended as a speaker, Prof. Dr. AHM Enayet Hussain (Ex-DG, medical education, Ministry of Health) attended as chief guest, Prof. Md. Zafar Khaled (Chairman, faculty of Ophthalmology, BSMMU) was the special guest and Brig Gen, AKM Akhtaruzzaman, ndc, psc (Retd), CEO, chaired the scientific seminar. The slogan of the seminar was "Gaining knowledge for growing eyes". Doctors of Paediatric ophthalmology and strabismus definitely benefited from this scientific seminar.



CEO, Welcoming Prof. Dr. Sudarshan Kumar Khokhar



Deputy Director, medical services, introducing Prof. Dr. Sudarshan Kumar Khokhar



Prof. Dr. Sudarshan Kumar Khokhar delivered his erudite speech



Participants of scientific seminar on paediatric ophthalmology



Director education talked at scientific seminar on paediatric ophthalmology



CEO, Chief guest, Special guest, Key speaker at scientific seminar on paediatric ophthalmology



Scientific seminar participants with CEO & chief guest



Prof. Dr. Mostafa Hossain with Prof. Dr. Sudarshan Kumar Khokhar CME sessions on astigmatism management held at IIEI&H

As part of Continuous Medical Education (CME), a lecture was organized on astigmatism management on 18th December 2022 in the Fred Hollows Auditorium hall of IIEI&H. Dr. Ratish Chandra Paul, Secretary, Susrut Eye Hospital & Research Centre, Kolkata, graced the event as a key speaker. The program was attended by the CEO and doctors of IIEI&H. Dr. RC Paul had given a good insight into astigmatism management, Toric marking, and Toric calculation. Doctors of the cataract unit were immensely benefited, in particular from his erudite talk.



Dr. Ratish Chandra Paul, delivered his speech on astigmatism management



Participants of astigmatism management CME session



Dr. Chandana Sultana introducing Dr. Ratish Chandra Paul



Participants of CME sessions on astigmatism management



Dr. Ratish Chandra Paul, spoke on astigmatism management Toric marking & Toric calculation



CEO spoke at CME sessions

# 189th Management Committee meeting held

The 189<sup>th</sup> Management Committee (MC) meeting was held on October 30, 2022, in the chairman's meeting room. Chairman Mirza Salman Ispahani chaired the meeting. The scheduled agenda was discussed accordingly and all members of the MC were attending the meeting.



189<sup>th</sup> Management Committee meeting held at IIEI&H



Participants of Management Committee Meeting

# IIEI&H-Community Services Department Observed World Sight Day 2022

Ispahani Islamia Eye Institute & Hospital (IIEI&H) observed World Sight Day with elaborate programs in collaboration with the National Institute of Ophthalmology, Dhaka on October 13, 2022. IIEI&H has observed World Sight Day in 13 districts under the community services department. This year's World Sight Day slogan was 'Love Your Eyes'. Every year. Considering the slogan Community Services (CS) of IIEI&H has implemented month-long programs in its different service points at branch hospitals. Colorful Rallies, Discussion Sessions, Advocacy Meetings with GO-NGO Stakeholders, Refraction Camps, Comprehensive Cataract Screening Camps, School Site Testing Programs (SSTP), and Industrial Eye Camps were held in celebration of World Sight Day 2022. We served a total of 83,868 patients under our World Sight day one-month programs and the Civil Surgeon, Deputy Civil Surgeon, and, Upazila Health and Family Planning Officer attended different level programs.



World sight day observed by NIO



World sight day observed by IIEI&H, Jamalpur branch



Discussion session on World sight day organized by Naogaon branch



World sight day observed by Barisal branch



World sight day observed by IIEI&H, Jamalpur branch

# Aravind Eye Institute & Hospital: A Cornea Fellow's Experience

Our cornea and anterior segment long-term fellow Dr. Zinatus Sama has attended a one-month placement at Aravind eye institute, India as part of her fellowship program. She had a dream to have a part of an advanced fellowship in Cornea at a prestigious eye institute like IIEI&H. After receiving the opportunity, she attended a one-month observationship at Aravind eye institute and hospital, Madurai, Tamil Nadu. She experienced new advanced diagnostic modalities and treatment patterns in corneal disease. "This is a totally new experience and I had conducted some new investigation using tools that I have used first time in my ophthalmology career", mentioned our cornea and anterior segment fellow. She observed a lot of donor corneas in the eye bank, a start contrast with our country where donor corneas are scarce. These donated corneas are not only used for surgical purposes in the hospital but are also supplied all over India. Our country as well as our hospital is unfortunately quite far back in the collection of human corneas and preservation in the eye bank. She visited Aurolab and gained experience in low-cost ophthalmic manufacturing including intraocular lenses (IOLs), suture materials, ocular implants, pharmacological products, etc. She mentioned that Aravind eye institute follows standardized treatment protocols, research technology as well as refractive surgery, and investigating tools, which would be extremely useful if adopted at our institute. She is extremely satisfied with the one-month rotation, and is grateful to IIEI&H for giving her the opportunity to visit a tertiary eye care center in India as part of her long-term fellowship.

Fellow at Aravind Eye Institute & Hospital with her colleagues



Fellow receiving her letter of completion



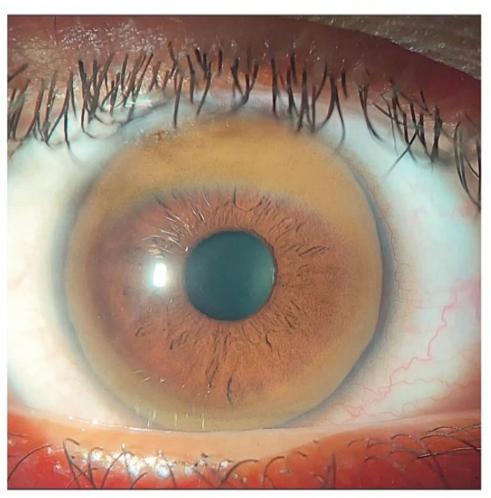
Fellow with Aravind Eye Institute & Hospital staff members



Fellow Sharing Her Aravind Eye Institute & Hospital Experience

# Rare Wilson's disease diagnosed at IIEI&H

Wilson's disease is an inborn error of copper metabolism, which affects mainly the brain, liver, cornea, and kidney. A commonly associated symptom is "Kayser Fleischer" rings in the cornea (in peripheral Descemet remembrance) of affected individuals. Our cornea and anterior segment department consultant, Dr. Tamanna Rahman diagnosed it and captured the below photo.



Rare Wilson's disease diagnosed at IIEI&H

# Photo of the Day



Operation theatre sisters are working in a happy mood to cheer up the baby before entering the OT room in absence of the parent. (Photo credit to Dr. Saleha Sultana, Consultant cornea and anterior segment department)











## Contact us

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Call Center: 096 109 98333 Time Schedule:

7:30 am to 6:00 pm (Sat to Wed) 7:30 am to 1:30 pm (Thursday) We are closed: Friday / Public Holidays

## **Our Branch Hospitals Location**

Jamalpur Branch:

Satadal, Amlapara, Jamalpur-2000, Bangladesh, Tel: 0981 – 64535 Email: info@islamia.org.bd **Naogaon Branch:** 

Noor Manjil, Chalk Mokter Road Main Road, Naogaon Tel: 0741 – 61662

Email: info@islamia.org.bd

**Barishal Branch:** 

274, Iqbalbagh West Bogra Road, Barishal Tel: 0431 – 2176680 Email: info@islamia.org.bd

Kulaura, Moulvibazar Branch

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# **Editorial board**

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