

IIEI&H NEWSLETTER



October- 2022, Volume 1, Issue 1



Message from the Chairman



It gives me immense pleasure to know that Ispahani Islamia Eye Institute & Hospital is publishing the Newsletter shortly. Research and publications had been the priority agenda for quite sometimes and it's encouraging to note that we're moving forward in the correct dimension. Enormous data are being generated in the hospital each day, if utilized properly, our doctors can come up with enriched publications and carry out quality research works. As we build the new infrastructures shortly, I believe the research works will get further momentum.

I am delighted to see the stronger motivation and team efforts in providing eye care service among all. It is very encouraging to see the greater number of patients being served and clinical procedures performed these days. I hope the dynamism and esprit de corps would continue and we can reach out to a greater number of people needing eye treatment.

I would like to express my gratitude on my behalf and all the members of the Management Committee to the CEO, the Editorial team and all others associated with the publication of the news-letter.



Message from Chief Executive Officer



I feel with enormous joy and satisfaction to see the Newsletter being published from Ispahani Islamia Eye Institute & Hospital (IIEI&H). This was our long-cherished desire to come up with regular publications on the valued services being provided by our dedicated teams of Doctors, Nurses, Optometrists, Counsellors and all other clinical and non-clinical staff members of the hospitals. While, my full appreciations to the doctors and the clinical staff members for their arduous efforts in serving the patients, I would also like to recognize the contributions of all other departments in ensuring smooth and efficient functioning of the hospitals.

We, being one of the largest eye-health service providers in the country, have an obligation towards research and development. Utilizing the enormous data being generated every day, we have outstanding scopes and opportunities to utilize those in carrying out credible research works and contribute further in the fields of Ophthalmology in particular. We are also working towards publishing our own Journals, which should be a milestone achievement and pave the ways for our doctors, in particular to publish their own write-ups.

I would like to particularly thank and appreciate the efforts of the Editorial Board of the Newsletter Committee, the authors and contributors for the Newsletter, the Epidemiologist, ICT department and everyone worked so diligently to bring out the first Newsletter. The quality of the Newsletter, as a start-up is commendable and reflects the sincere efforts of everyone associated with it.

Medical Service Department

IIEI&H medical service department is the largest unit in term of serving the patient and clinical management. Our doctors, optometrists, nurses, patient care, medical technologist, Laboratory, Quality Assurance, Ophthalmic Technician, Paramedic, CSSD, support staff and counselor's units directly controlled and supervised by medical services department. All sub-specialties and OT are also under supervision of medical services department. Senior Consultant and famous Vitreo-Retina expert Professor Dr. Mostafizur Rahman is leading the department as director of medical services.



Director of Medical Services & Support Staff Team.



Director Medical Services with Professor Dr. Gowher Rizvi, Adviser, International Affairs to the Prime Minister.



OT Services of IIEI&H.

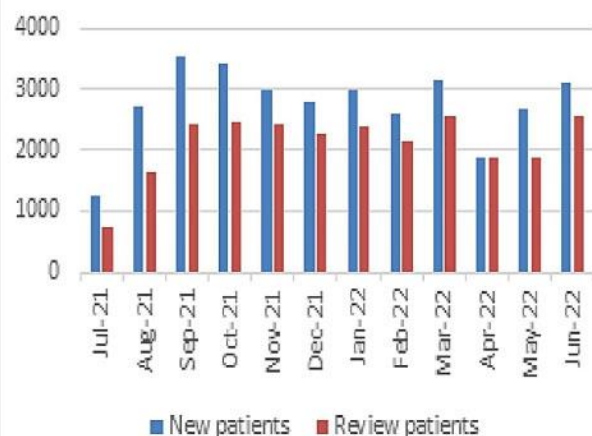
Report from the Private Outpatient Department (POPD) Services.

Ispahani Islamia Eye Institute & Hospital (IIEI&H) has started its one-stop specialized ophthalmic care with modern technologies, diagnostics, treatment & surgery facilities since 2011. Our POPD services is the latest addition in the advanced eye care in Bangladesh. IIEI&H private outpatient department is managed by a total of 46 highly experienced and trained ophthalmologists and 50 optometrists, paramedics & relevant support staff. In the last year (June 2021 to June-2022) we served a total of 58404 (new patient- 33088 & review patient- 25316).

The major features of our POPD services

- ❖ Online and over-phone call appointment facility
- ❖ Comprehensive and advance eye care services provided by experienced and well-trained ophthalmologists and eye care personnel
- ❖ Availability of subspecialty services as per patient requirement
- ❖ Latest ophthalmic equipment for high quality eye care services for all
- ❖ Well renovated waiting room with entertainment facilities.
- ❖ Well managed car parking facility
- ❖ Comparatively less waiting time for appointment, treatment and related services.
- ❖ One by one counselling and low-cost eye care services.
- ❖ POPD being provided services from 7.30 am to 5.00 pm from Saturday to Wednesday, and 7.30 am to 1.30 pm on Thursday.
- ❖ POPD Ticket is valid for 15 days.

POPD number of patients served in last one year





Newly Renovated Private Out-patient department attendee waiting area



Private out-patient department-patient service desk



POPD services being provided by senior Consultant

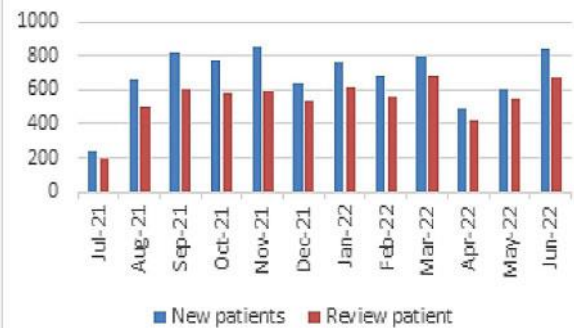


POPD services with modern equipment

Services of Neuro-Ophthalmology Sub-specialty Department

Neuro-ophthalmology is a subspecialty department of Ispahani Islamia Eye Institute and Hospital, started since 2000, rendering services for ocular signs and symptoms resulting from brain disease. Three neuro-ophthalmologists, two fellows and relevant eye care personnel providing services for vision loss, visual field loss, double vision or ocular motility dysfunctions, optic nerve diseases, disorders of lids and pupils, blepharospasms or hemifacial spasms and ocular manifestations intracranial lesions. This department is the largest neuro-ophthalmology unit in the country and served about a total of 14,653 patients from July 2021 to June 2022. We also provide long and short-term fellowship programme for national and international candidates. Globally renowned neuro-ophthalmologist Dr. John Laurence Keltner, Dr. Karl C. Golnic (USA) and Dr. S. Mahesh Kumar (India) has visited this neuro-ophthalmology department and expressed their satisfaction with our on-going services.

Neuro-ophthalmology department number of patients served in last one year



Neuro-ophthalmic services with latest technology



World renowned Neuro-ophthalmologist visited IIEI&H



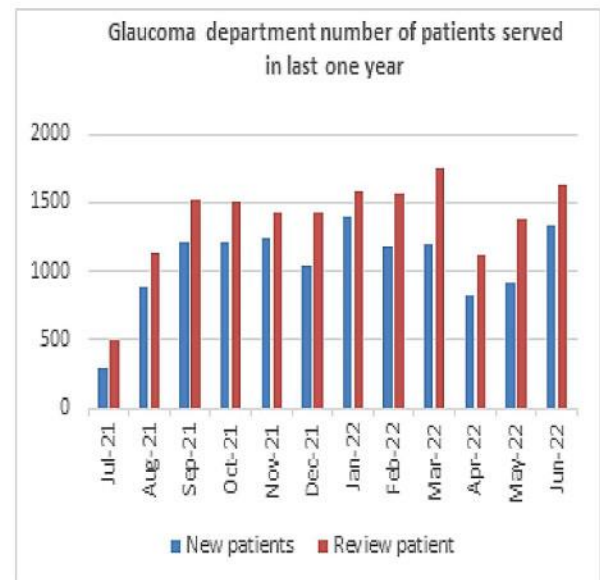
Neuro-Ophthalmology department patient waiting area



Patient care by our dedicated support staff

Glaucoma Sub-specialty department services

Glaucoma is a disease of the optic nerve that affects approximately 60 million people globally. It is the second most common cause of blindness, leaving an estimated 7.5 million people blind. The department offers comprehensive and advanced glaucoma services, by a team of dedicated personnel presently comprising of 7 consultants, 2 fellows, 5 optometrists, 2 counsellors, 5 OT nurses and 11 support staff. Our glaucoma department is fully equipped with modern technologies and provide check-up, medical treatment, surgical treatment, laser treatment to manage eye pressure, glaucoma related cataract treatment, childhood glaucoma, secondary glaucoma and valve implants as an alternative of traditional surgery. Of note, this department has the latest SLT machine, and regularly performs the Ahmed and AADI valve implants. The department of Glaucoma served a total of 29283 patients (12723 new & 16560 review patient) from July 2021 to June 2022.



Glaucoma treatment being Providing with modern facilities



IIEI&H dedicated Glaucoma sub-specialty team



Experienced and trained Glaucoma consultants' team

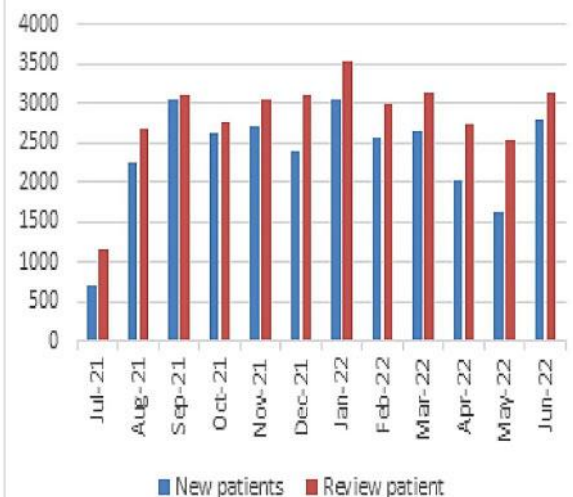
Vitreo-Retina Sub-specialty department

The retina is the light-sensitive tissue lining the back of the eye. The department of Vitreo-retina at IIEI&H is one of the best sub-specialty departments in the country, with 10 specialists well versed in the management of retinal diseases. In addition to managing the frequent cases of diabetic retinopathy and retinal detachments, our retina team is proficient in managing extremely complicated cases which have been left alone everywhere else, and the best reward is when a patient who was unable to move about gains functional vision. The retina team is efficient in managing a diverse array of retinal diseases, and is supported by a fully equipped central investigation department. The last one year, Retina and UVEA department served around 62, 333 patients among them 28419 were new patients and 33914 were review patients.

Retina Services

- ❖ Retina check-up, e.g. in diabetic patients to exclude retinopathy and maculopathy
- ❖ Medical management of diseases, including
- ❖ Diabetic retinopathy
- ❖ Retinopathy of Prematurity (ROP), a condition with potential devastating effects on newborn pre-term babies
- ❖ Central Serous Chorioretinopathy (CSCR)
- ❖ Degenerative retinal diseases, including pathological myopia
- ❖ Laser and injections for retinopathies especially due to diabetic retinopathy and retinal vascular occlusions
- ❖ Surgical services (pars plana vitrectomy), including
- ❖ Retinal Detachment (RD) surgery
- ❖ Vitrectomy in diabetic patients (for vitreous bleeding and complicated detachments of the retina)
- ❖ Macular hole surgery
- ❖ To support these services, the department has a fully equipped investigation department which include the latest Heidelberg OCT, Optovue OCTA, Topcon CFP, FFA and ICG, and ophthalmic (B-Scan) ultrasound.

Retina & UVEA department - number of patients served in last one year





Senior Consultant (Vitreo-Retina) providing treatment with modern facilities.



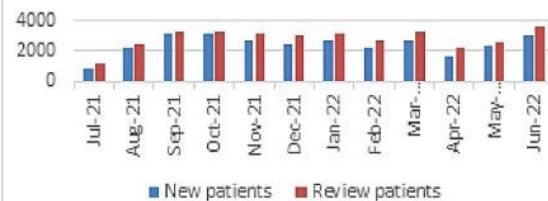
Experienced Vitreo-Retina team of IIEI&H

Cornea and anterior segment sub-specialty

Ispahani Islamia Eye Institute & Hospital, the cornea and anterior segment specialists are board-certified ophthalmic physicians trained in advanced corneal, refractive and cataract surgery at the finest institutions in the world. Presently, cornea department has 5 senior consultants, 11 consultants & One jr. Consultant, 3 fellows, 9 optometrists and 13 support staffs. This is the largest cornea department in the country and provides the best ocular trauma treatment in the country. Our corneal specialists and surgeons provide optimal care for a wide range of disorders in both pediatric and adult patients, from routine cataracts to the complexities of Stevens-Johnson syndrome, and also contribute their expertise to care for patients within one of the largest corneas and anterior segment sub-specialty in the Bangladesh. They perform highly complex surgeries including corneal transplantation, ocular surface reconstruction, ocular trauma, complex and premium cataract surgery and refractive surgery. IIEI&H corneal specialists have also developed one of the most advanced treatment plans for patients with Stevens-Johnson syndrome, a severe form of an allergic reaction. In the broad head we provide services for corneal ulcer, corneal injury, corneal scar, foreign body impaction, dystrophy and keratoconus etc. The cornea specialists at IIEI&H are using the latest state-of-the-art technology. Corneal transplantation has advanced greatly over the last several years. They perform highly complex

surgeries including corneal transplantation, ocular surface reconstruction, complex and premium cataract surgery, and refractive surgery. Our cornea specialists are actively involved in advancing the field of cornea. Through clinical and basic research, they have made valuable contributions to both the understanding and treatments of different disorders. IIEI&H has one of the biggest burn units in the country and many of these patients need the expertise of a cornea specialist. Cornea and anterior segment also provide contact lens services by skilled optometrists who trained from foreign country.

Cornea department - number of patients served in last one year



Cornea & anterior segment sub-specialty department services



Patient-friendly services being provided at Cornea & anterior segment department



Team of Cornea & anterior segment sub-specialty department

IIEI&H Vision Therapy (VT) Clinic

IIEI&H Vision Therapy Clinic was inaugurated in 2020 and since then a few regional seminar and workshops were organized to create awareness among patients and relevant stakeholders on vision therapy.



Opening of vision therapy clinic of IIEI&H



Regional workshop on low-vision at Khulna



Head of Pediatric Department Delivering Presentation at Regional Workshop, Khulna.



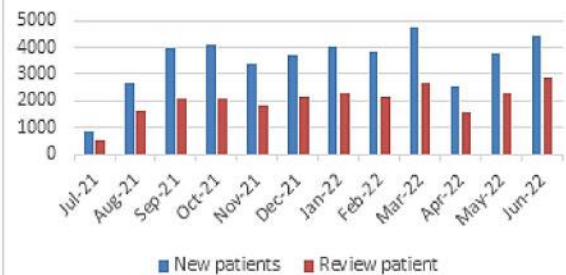
IIEI&H unique VT services

VT services with latest equipment.

Vision Therapy Clinic provides treatment to the children and adults with eye teaming, focusing and tracking disorders. These visual conditions include that are not limited to convergence insufficiency, accommodative insufficiency, fusion insufficiency, and muscle imbalance that interfere with learning, reading, and writing in respect of efficacy and accuracy. This is currently the only structurally and functionally purpose-built and well-designed VT clinic in Bangladesh. The dedicated VT team comprises by pediatric ophthalmologists, strabismologists and technical experts like optometrists, orthoptists and vision therapists. This clinic is well-equipped with the sponsorship of Standard Chartered Bank. This clinic is working under the guidance and supervision of Professor Dr. Mohammad Mostafa Hossain, Head of Paediatric Ophthalmology & Strabismus.

We rendered services to a total of 66190 (New patients-42089 & review patients-24101) patients from July 2021 to June-2022.

Pediatric department number of patients served in last one year



DG (Medical education) attended regional workshop on low-vision rehabilitation & vision therapy



Participants of regional workshop on low-vision rehabilitation & vision therapy



IIEI&H unique VT services



Paediatric eye care being Provided by well-trained Ophthalmologist

IIEI&H Oculoplasty and Orbit Sub-specialty department

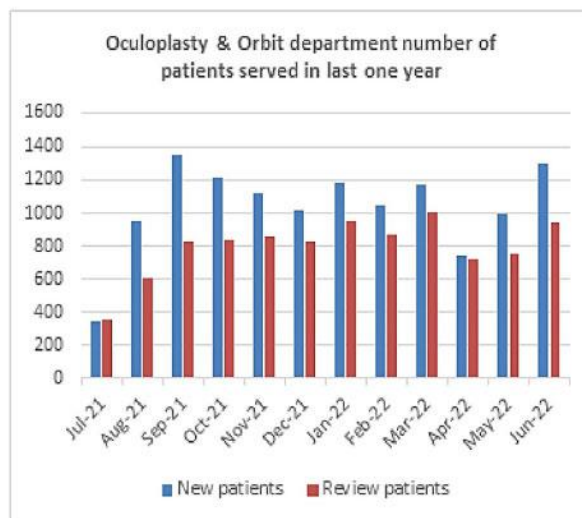
This department deals with diseases or abnormalities of the eyeball as well as the eyelids, orbits, bones and other structures around the eyeball. Our well-trained consultants also deal with problems of the tear drainage system. Oculoplastic surgeons perform reconstructive surgery to restore the structure and function of the eye. Our Oculoplasty and Orbit team currently consists of 4 dedicated consultants, 1 fellow, 2 optometrists, 2 counselors, 1 OT nurses and 12 support staff.

Our Oculoplasty and Orbit Services

- ❖ External DCR
- ❖ Endonasal DCR
- ❖ Paediatric (Children) DCR
- ❖ Ptosis surgeries (all types)
- ❖ Entropion, ectropion, trichiasis surgery
- ❖ Lid and conjunctival injuries
- ❖ Surgeries for facial dystonia
- ❖ Orbital diseases
- ❖ Orbitotomy for different orbital surgeries, including tumours
- ❖ Thyroid Eye Disease management
- ❖ Socket reconstructions

We also provide services for aesthetic procedures to improve the look and function of facial structures

- ❖ Botox injection
- ❖ Dermal fillers
- ❖ Blepharoplasty
- ❖ Forehead tightening
- ❖ Browpexy



IIEI&H team of Oculoplasty and Orbit Sub-specialty department

Glorious 30 years of Education Department of IIEI&H

Ispahani Islamia Institute of Ophthalmology was formally established in 1993 aiming to provide high quality medical education to the students and trainees with comprehensive research facility. Currently, Education Department is rendering variety of postgraduate ophthalmic courses and training programme for both ophthalmologists and health-care professionals. The best clinical practices and research activities over the years have developed the department as a center of excellence for medical education in the field of ophthalmology. Participatory teaching approach is motto of the institute and this ensure the highest quality ophthalmic education mentoring by most experienced clinically sound experts from different sub-specialty. IIEI&H runs all the recognized post graduate courses (F.C.P.S., D.O., & M.S.) for the ophthalmologists in the country. IIEI&H is first to introduce hands on training programme in cataract surgery and trained around 531

ophthalmologists. We can claim to be the pioneer to start fellowship program in 2006 for cornea & external diseases subspecialty in the field of ophthalmology in Bangladesh. Programmes of the institute are enriched time to time in collaboration with international reputed organizations like Aravind Eye Hospital (India), LVPEI (India), Orbis International Bangladesh, Sight Savers International, Commonwealth Eye Health Consortium, the Fred Hollows Foundation and UC Davis (USA). Currently, the institute offer 19 different courses and training programmes for ophthalmologists and 12 different courses & training programmes for healthcare professionals under the guidance and supervision of Director Education, Prof. Dr. Sarwar Alam. Till October 2022, a total of 1631 ophthalmologists and 898 healthcare professionals have completed different courses & training programmes from the institute and among them 85 were foreign trainees.



Clinical class in presence of IIEI&H ophthalmologists



Class being conducted with fellows by senior Consultant



Different sub-specialty fellows of our education department



IIEI&H team of Education department

Course on D.O.T. at IIEI&H

IIEI&H proudly offers Diploma in Ophthalmic Techniques (D.O.T.) as a two-year diploma course which is designed to produce trained and qualified professionals who assist ophthalmologists to diagnose and treat patients. On completion of the D.O.T. course, successful students usually have a solid foundation in eye-care fundamentals and be able to perform various ophthalmic procedures efficiently.

Course highlights

Particulars	Information
Level	Diploma
Course name	Diploma in Ophthalmic techniques
Short name	D.O.T.
Duration of Course	2 (two) years
Eligibility	HSC Science (with Biology & Physics)
Age limit	< 25 Years (both male and female)
Admission process	Entrance Exam
Programme fee	Tk. 1.2 Lac
Accreditation	Certificate will be given from Education Department of Ispahani Islamia Eye Institute and Hospital (IIEIH)
Working zone	Eye Care Hospital, Eye clinics, Optical Shop, Hospital Administration
Job profile	Start with Junior Optometrist or associate Optometrist
Average starting salary	3.0 Lac per annum (± Tk. 50,000)

Facilities & Benefits of D.O.T. course:

- ❖ Experienced Teachers and trainers.
- ❖ Well-designed class topics and the scope of handling all varieties of patients as this tertiary hospital receives patients from all over the country.
- ❖ As it is full time course, students learn all the procedure practically so that they can provide services to the patient immediately after passing out.

Successful completion of the diploma aids in getting appointed as Junior/Associate Optometrists in Private Eye Hospitals or eye clinics.

This programme commenced in 2012 and so far, 8 batches have passed out and a total of 87 students have successfully completed the programme. 9th batch students will appear in final exams & 10th batch will be appearing for their 1st year final exams in December 2022 respectively.



Class being conducted with D.O.T students



Practical class with D.O.T students



Hands on training for D.O.T students

Glimpses of Activities – Training Department

Counseling Excellence was a training that was organized between March 14-15 (1st batch), April 10-11 (2nd batch), and 17-18 April 2022 (3rd batch) for the counselors of IIEI&H. All 38 counselors of IIEI&H were trained in three batches. The duration of the training for each batch was of 2 days. The main objectives of the training were:

- ❖ refresh and strengthen their existing knowledge and skills
- ❖ update participants with new or additional relevant information
- ❖ learn applying appropriate techniques to correct common mistakes
- ❖ overcome barriers/constraints often faced



Training session on counselling excellence



Participants of training session

The contents of the training included both clinical (sub-specialty based) and non-clinical sessions. For clinical sessions (diseases, management and investigation), sub-specialties incorporated were Cornea, Cataract, Retina, Oculoplasty, Glaucoma, Pediatric ophthalmology and Neuro-ophthalmology. The non-clinical sessions focus on counseling: what it is and why it is necessary; problems encountered and how to overcome them; art of counseling including body language; barriers of communication and how to avoid them, listening skills and voice modulation. The clinical sessions were conducted by facilitators (consultants/senior consultants) from respective departments and the non-clinical sessions were facilitated by the training department.



Active participation of the Trainees

To achieve training objectives, sessions were conducted applying methodologies which were audio-visual presentations, group exercises, role-playing, brain storming, and small and large group discussion. The training course was evaluated by two sets of questionnaires – i) Pre-& Post-test, and ii) Training Course evaluation, with planning for additional follow-up evaluations after completion of the training.

Visit of Mr. Benjamin Hung, CEO, Asia, Standard Chartered at IIEI&H

CEO, Standard Chartered Bank (SCB), Asia Region, Mr. Benjamin Hung paid a visit to our hospital on 19th September, 2022. IIEI&H has a long and proven partnership with the SCB and the visit of Mr. Ben signifies this further. Mr. Ben has given an appraisal on the hospital activities. He also opened a bandage of a Child in the Children ward before moving around the hospital and seeing various activities. It may be noted that SCB sponsored in building of the new Pediatric department in the Annex Building. Mr. Ben was highly impressed after seeing the hospital functions, particularly in the Pediatric department including the Low Vision and Vision Therapy Clinic. The CEO, Advisor, Ms. Zahida Ispahani, Director (CS) and the Head of Pediatric and Strabismus department Prof. Mohammad Mostafa Hossain accompanied Mr. Ben during his visit.



CEO, SCB, Asia region visited IIEI&H

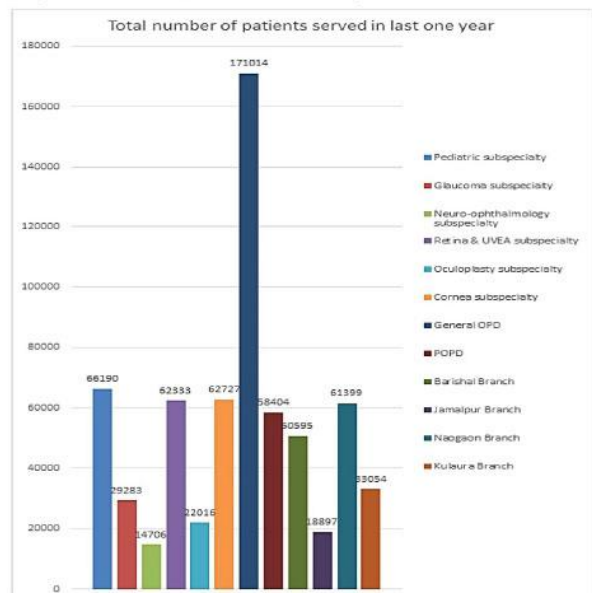


CEO, SCB, Asia region recently visited IIEI&H



SCB Children ward visited by CEO, SCB, Asia region.

Impact of IIEI&H Services-July 2021 to June 2022



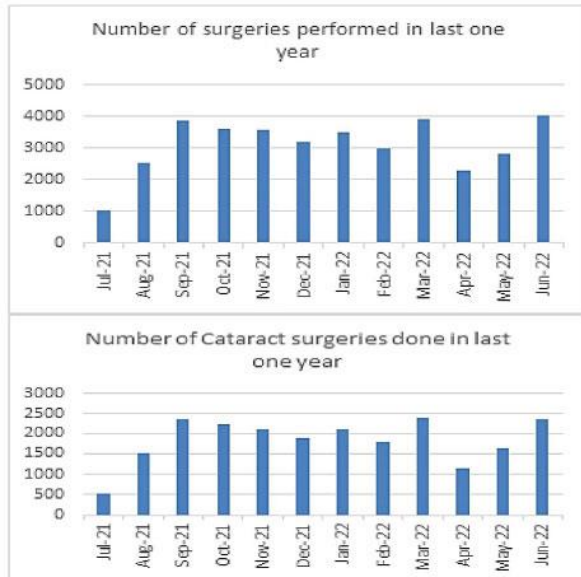


Photo Gallery : Annual General Meeting-2021



Chairman, MC IIEI&H Visited Barishal Secondary Hospital



Chairman MC, IIEI&H interacting with Doctors at Secondary Eye Hospital Barishal.

Contact us

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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

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