



ANNUAL REPORT

2024-25

Editorial Board

Prof. Dr. Sushila Patel

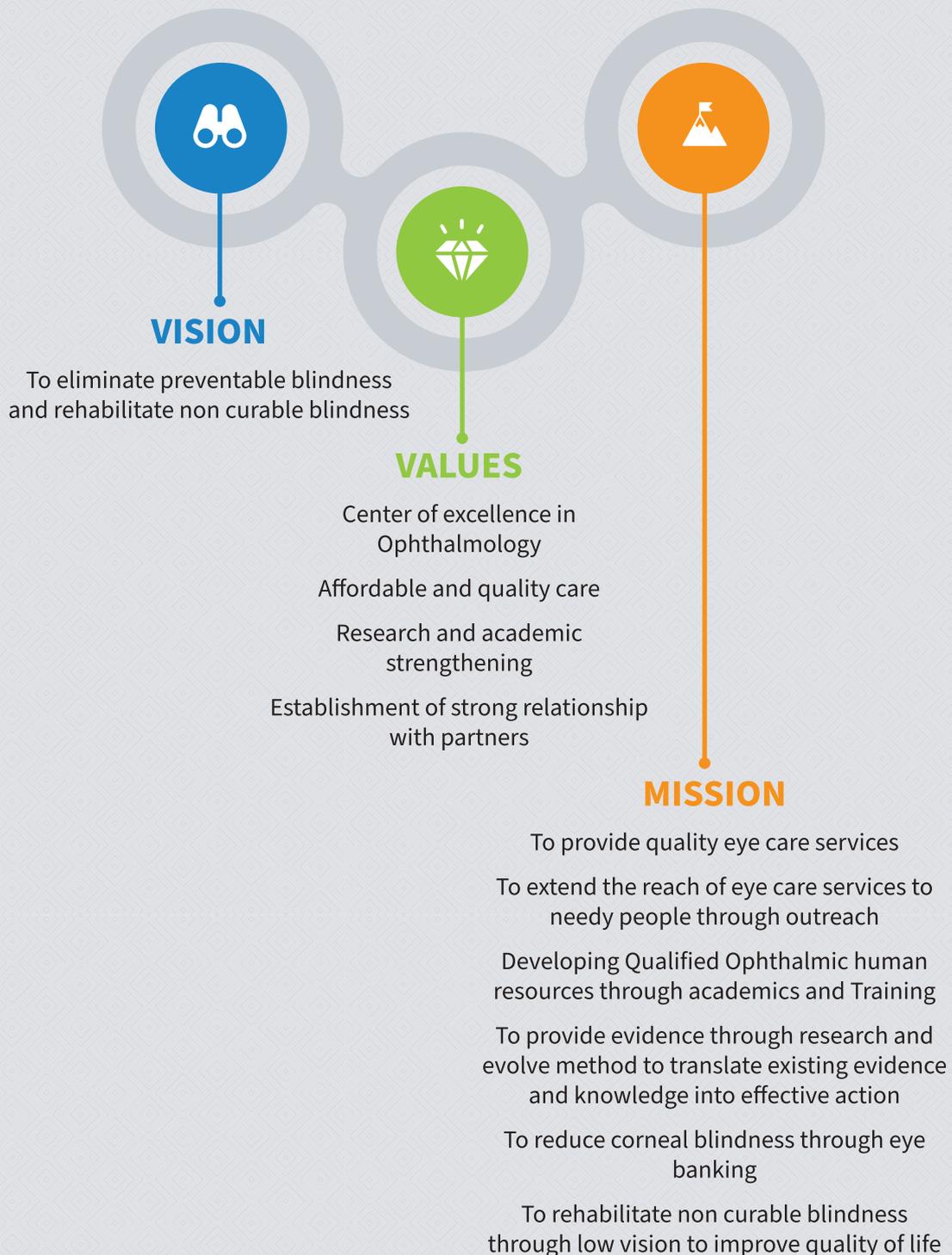
Prof. Dr. Kabindra Bajracharya

Assoc. Prof. Dr. Manita Sunam Godar

Assoc. Prof. Dr. Laxmi Devi Manandhar

Ms. Saraswati Khadka Thapa

VISION , VALUES & MISSION



We not only cure, we CARE



Message from the **President CNNJS and Chairman LEIRC Board**

Lumbini Eye Institute and Research Centre (LEIRC) have evolved as a centre of excellence in eye care and is considered as one of the notable examples of self-sustainable eye care facility. This institute is committed towards achieving the noble objectives of Nepal Netra Jyoti Sangh in delivering high quality comprehensive eye care as well as developing ophthalmic human resource for eye care in Nepal.

It gives me immense pleasure to know that LEIRC is publishing annual report 2081/82. In addition to presenting performance of a year, I do hope this report will be useful for reflecting upon the challenges and the achievements of the year in furtherance of the mission of LEIRC.

On behalf of the entire NNJS family, I would like to thank all the concerned stakeholders for their support and cooperation in addressing the needless blindness in that region.

On this occasion, NNJS volunteers and all the staffs of LEIRC deserve thanks for their untiring efforts for publishing noble work.

Prof. Dr. Chet Raj Pant

**President
Nepal Netra Jyoti Sangh, Central Executive
Committee
Chairman, Lumbini Eye Institute & Research
Centre Board**



Message from **The President NNJS Lumbini Province & Chairman HMC**

It is my great pleasure to present the Annual Report 2024/25 of Lumbini Eye Institute and Research Centre. This year, we have continued to serve with dedication in preventive, curative, and rehabilitative eye care, as well as in research, academics, and community outreach.

Since our establishment in 1983, we have overcome challenges and achieved milestones that have positioned LEIRC as a trusted tertiary eye hospital in the western region of Nepal. Today, our services reach millions through 4 secondary eye hospitals, 3 district eye care centers, and 27 eye care centers, ensuring quality, comprehensive, and affordable care even in the most remote areas.

Alongside clinical excellence, we remain committed to building skilled human resources in ophthalmology. This year, we also laid the groundwork for an important future step—transforming our Research Department into a Research and Development Department

to further strengthen innovation, evidence-based practice, and technology integration in eye care.

I extend my heartfelt gratitude to our national and international partners, our devoted staff, local communities, and all stakeholders whose unwavering support drives us forward. Together, we continue working towards our shared vision—eliminating avoidable blindness and ensuring that no one loses their sight due to economic reasons.

With my best wishes,

Mr. Sagar Pratap Rana

President, Nepal Netra Jyoti Sangh, Lumbini Province

Chairman, Hospital Management Committee, LEIRC/SRASEH



Message from the **Desk of Chief Medical Director**

It gives me immense pleasure to present our Annual Report for 2024–2025. This report is not only a record of our achievements over the past year but also a reflection of the dedication and hard work of our doctors and staff toward the continued growth of our hospital.

As an integral institution under the NNJS, we are proud to uphold our founding vision—to eliminate avoidable blindness and ensure equitable, accessible, and quality eye care for all. Beginning last year, we also expanded our services to include the treatment of patients with Ear, Nose, and Throat (ENT) diseases, offering compassionate, affordable, and expert care to our Patients.

We are equally committed to education & human resource development. Lumbini Eye Institute (LEI) has established itself as a recognized academic hub, offering fellowships in sub-specialties, an MD Ophthalmology

Residency Program, and a Bachelor of Optometry program in affiliation with NAMS. Additionally, we continue to develop skilled human resources through our PCL Ophthalmic Science program affiliated with CTEVT.

We are in the process of upgrading our hospital from a tertiary eye care center to a Center of Excellence in Ophthalmology in the coming years.

I would like to extend my heartfelt congratulations to the entire team for their tireless efforts in preparing and publishing this Annual Report.

A handwritten signature in black ink, appearing to read 'S. Patel'.

Prof. Dr. Sushila Patel
Chief Medical Director
Lumbini Eye Institute and Research Centre
Shree Rana Ambika Shah Eye Hospital



Message from **Administration**

It gives us immense pleasure to present the Annual Report for the fiscal year 2024–2025, showcasing the progress and achievements of Lumbini Eye Institute and Research Centre.

Since its establishment 42 years ago, LEIRC has been dedicated to the mission of providing comprehensive eye care and preventing avoidable blindness. Over the decades, we have evolved into a leading tertiary eye hospital, and we continue to expand our impact across western Nepal.

The year 2024–25 was a particularly impactful one for us in terms of clinical services, academic advancement, and research. In addition to hospital-based care, our decentralized model has enabled us to reach patients through Secondary Eye Hospitals, District Eye Care Centers, and community-level Eye Care Centers. This approach ensures that essential eye care services are accessible even in the most remote areas. Our commitment to equity is reflected in the numerous free diagnostic screening and surgical camps we organize for

underprivileged, marginalized, and elderly populations.

I would like to extend my heartfelt appreciation to the entire LEIRC team for their unwavering dedication and hard work. I am equally grateful to our local communities, national and international partners, and all stakeholders who continue to place their trust in us. Your support is instrumental in driving our mission forward.

Thank you for your valuable contribution to the publication of the Annual Report 2024–25.

A handwritten signature in black ink, appearing to be "Prakash Rayamajhi".

Prakash Rayamajhi
Hospital Manager
Lumbini Eye Institute and Research Centre
Shree Rana Ambika Shah Eye Hospital



Message from the **Account and Finance**

It is my honor to present the financial overview of Lumbini Eye Institute & Research Centre for the fiscal year 2024/25. I am pleased to report that, despite challenges, we have restored financial stability and achieved a surplus this year after facing a deficit in the previous fiscal year.

One of the ongoing difficulties is the reimbursement delays in the Government of Nepal's health insurance program. While the policy is highly valuable in expanding access to care, the delays in claim settlement create short-term cash flow pressures. Through careful resource management, however, LEIRC has remained debt-free and financially sound.

Generating surplus is not just about financial results—it is essential for sustaining our mission. Surplus resources allow us to provide free and subsidized eye care to underprivileged communities, invest in modern medical equipment and infrastructure, and strengthen the institution for future growth.

Looking ahead, we are committed to reaching

more underserved patients, developing ENT services from OPD to a full surgical center, and positioning LEIRC as a medical tourism hub for eye care services in Nepal.

I extend my sincere gratitude to our partner organizations, government agencies, donors, and our dedicated hospital team. Together, we continue moving toward our vision of a nation free from preventable blindness.

Finally, I extend my sincere gratitude to the editorial board of this Annual Report, whose commitment and hard work have beautifully captured our journey of service and growth.

Bhesh Bikram Thapa

Chief Financial Officer

Lumbini Eye Institute and Research Centre
Shree Rana Ambika Shah Eye Hospital

We are always thankful and would like to express our sincere gratitude to our partner organizations for their continuous support



Seva Foundation, USA



Seva Canada Society, Canada



Lions Club International, Sight First



Lions Club International, MD 102



Lions Club of Siddharthanagar



Aravind Eye Care Systems



Rotary International



SEE International



Ruit Foundation



Cure Blindness Project

We also extend our gratitude to the thousands of individuals and organizations who supported our work.



Overview

Lumbini Eye Institute and Research Centre, Shree Rana Ambika Shah Eye Hospital has been providing quality hospital and community-based eye care services since 1983 AD. With the vision of reaching the unreached and to prevent avoidable blindness, it has now 4 Secondary eye hospitals, 3 district eye care centers and 27 eye care centers under its network.

LEIRC is spread over an area of 1.27 Hector just 2.4km away from the Belahiya Indo-Nepal border. Patients from Nepal and the neighboring country India are getting regular services at affordable prices. At the hospital patient screening is done at ophthalmic assistant OPD and is examined by general

ophthalmologists. Patients who need the expert subspecialty services are referred to the specialty clinics. LEIRC is running the regular specialty OPD and OT services. Besides 24-hour emergency services are provided to the patients.

We have good OPD units, OT team including full time Anaesthesiologist, indoor unit, laboratory, ophthalmic investigations (major and minor), pharmacy and optical unit. We also have a separate academic and research block for the teaching and research activities.

Quality patient care is an utmost priority of LEIRC with the objective of patient satisfaction, awareness and increasing demand for better care.

Hospital Performance

(July 2024–June 2025)



Total Out-Patients
3,83,053



Total Surgeries
39,367

Outreach Activities	No. of Patients examined
DST camp	6315
Refraction Camp	1953
Pediatric Camp	21
Low vision camp	109
Diabetic Retinopathy camp	315
School Screening	14776
Total OPD from outreach	23489



Outpatients at Secondary Eye Hospitals

Palpa Lions Lacoul Eye Hospital	36501
Butwal Lions Eye Hospital	89286
Taulihawa Branch Eye Hospital	31788
Krishnanagar Branch Eye Hospital	14160

Outpatients at District Eye Care Centres

Pyuthan District Eye Care Centre	18298
Gulmi District Eye Care Centre	22663
Arghakhachi District Eye Care Centre	16778

Eye Care Centres (Outpatients)

Eye Care Centre, Lumbini, Rupandehi	3363
Eye Care Centre, Sainamaina, Rupandehi	2987
Eye Care Centre, Siyari (Amuwa), Rupandehi	3602
Eye Care Centre, Samarimai, Rupandehi	5701
Eye Care Centre, Rohini, Rupandehi	4707
Eye Care Centre, Tillottama, Manigram, Rupandehi	2560
Eye Care Centre, Suddhodhan, Rupandehi	2720
Eye Care Centre, Marchawari, Rupandehi	4001
Eye Care Centre, Saljhandi, Rupandehi	2274
Eye Care Centre, Devdaha, Rupandehi	462
Eye Care Centre, Kanchan, Rupandehi	1039
City Clinic Butwal	1563
Eye Care Centre, Tinau, Dobhan, Palpa	567
Kaligandaki Eye Care Centre, Rampur Palpa	15664
Eye Care Centre Tamghas	15270
Eye Care Centre, Shantipur, Gulmi	1563
Eye Care Centre, Wamitaksar, Gulmi	2760
Eye Care Centre, Simaltari, Gulmi	947
Eye Care Centre, Madane, Gulmi	510
Eye Care Centre, Ruru, Gulmi	1613
Eye Care Centre, Kaligandaki, Gulmi	46
Eye Care Centre Thada, Arghakhachi	1414
Eye Care Centre, Chhatradev, Arghakhachi	1166
Eye Care Centre, Panini, Arghakhachi	89
Eye Care Centre, Bhingri, Pyuthan	2662
Eye Care Centre, Gaumukhi, Pyuthan	533



Cataract Surgery
29863



Glaucoma Surgery
29



Vitreo - Retina Surgery
1322



Ophthalmic Surgery Details

(July 2024-June 2025)



Pediatric surgery under
General Anesthesia
2260



Orbit and Oculoplasty
surgery
1932



Cornea and
external Ocular surgery
2611



Squint correction
144





General Ophthalmology OPD

General ophthalmology OPD is one of the busiest clinics in LEIRC. Most of the patients referred after screening by ophthalmic assistants are examined here. After detailed evaluation by the ophthalmologists, many cases are managed in the clinic itself while the cases that need further sub-speciality services are referred to the respective departments. Almost all the cataract admissions are done by the general ophthalmology clinics. Besides all the post-cataract cases examination and Yag-capsulotomies are also being performed by the ophthalmologists from the clinic.



Cataract services

Globally, cataract is the single most important cause of avoidable blindness, and cataract surgery has been shown to be one of the most cost-effective health-care interventions. Cataract is related to ageing and cannot be prevented, but cataract surgery and insertion of an intraocular lens is highly effective, resulting in early visual rehabilitation. This year, we did 29863 Cataract surgery which included small incision cataract surgery (24066) and Phacoemulsification (5797) with foldable lens. At LEIRC, we keep the cataract services well managed with high quality even at the peak season. We are helping to reach the unreached through the eye care centers in different rural areas of Nepal.

Sub-speciality services

1. Vitreo-Retina and Uvea

In the era of modern ophthalmology, Vitreo-Retina (VR) is the most challenging as well as demanding subspecialty globally. In context of LEIRC, VR clinic is one of the busiest clinics throughout the year. Unlike seasonal patients in cataract, VR clinic is loaded with patients round the year. We served total of 31414 patients this year. It is solely a tertiary care eye hospital with the modern equipment's for investigation and treatment.

At present, we have two VR surgeons and one medical retina and uvea consultant. We provide almost all VR services including surgeries, lasers, intravitreal procedures, invasive and non-invasive imaging and investigations. Apart from this, community-based awareness and screening programs



Prof. Dr. Gyanendra Lamichhane (HOD)
PhacoSurgeon ,
Medical Retina & Uvea



Dr. Sabita Dhakal
Vitreo Retina Surgeon

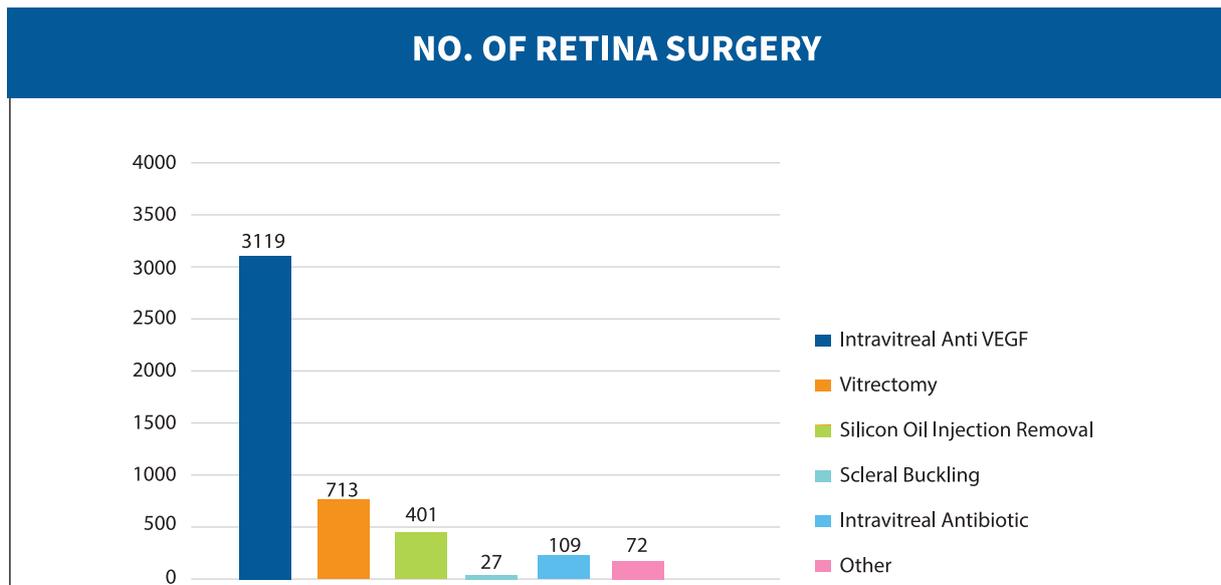


Dr. Roosen K.C.
Vitreo Retina Surgeon

on important retinal disease like diabetic retinopathy and age-related macular degeneration has been regularly provided through our outreach programme regularly.

Mobile diabetic retinopathy camps, ROP clinic and to establish LEIRC as Retina hub in western region are our future plans.

Besides we are conducting the one year long term fellowship in VR and medical retina. Different research and training activities are also going on parallelly.



Uveitis subspecialty service in LEIRC is provided in all working days. In Patient Department (IPD) service is available for surgical cases and those who need systemic intravenous medications. Periocular injections via subconjunctival and subtenon routes are usually provided in OPD services. We are giving antibiotics, antiviral drugs and bevacizumab via intravitreal route. Major ocular surgeries like complicated cataract surgery (small pupil/Iris Hooks/SICS/Phaco), pupilloplasty, core vitrectomy, glaucoma filtration surgeries are scheduled accordingly. We have ancillary test including FFA, OCT, B-scan which are very important for effective management of uveitis cases. Clinical photography such as anterior segment photography and fundus photography are useful documentation and research evidence. Besides that, it is very easy to counsel about the disease course and prognosis to patients with the help of photography. We are providing good quality tertiary level OPD and IPD service in LEIRC and receiving referral cases from our different satellite eye hospitals and other eye hospitals for chronic cases and emergency cases. This year uvea services were provided to 122 patients.



2. Cornea



Prof. Dr. Sushila Patel (HOD)
Cornea Consultant



Assoc. Prof. Dr Manita Sunam Godar
Cornea Consultant

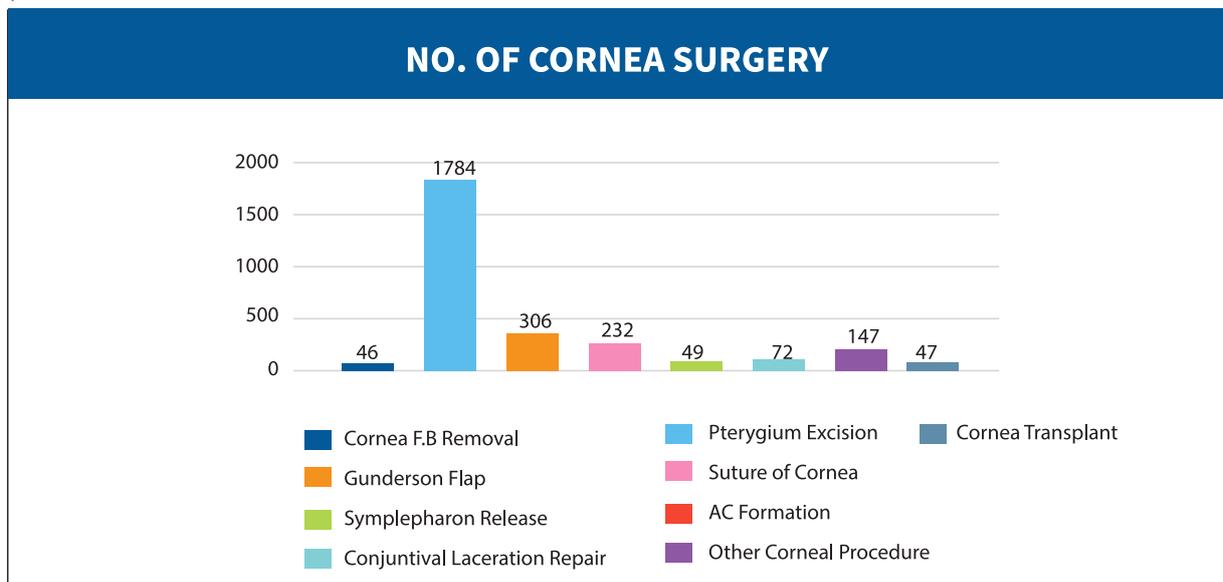


Dr. Prakriti Pradhan
Cornea specialist

Cornea is one of the essential components of eye to form a clear image of any object. Corneal diseases are the major causes of blindness in the developing countries. LEIRC, a tertiary eye care center has been providing cornea special services to its patients from Nepal as well as our neighboring country India. Patients are also referred from the primary and secondary eye care centers of LEIRC network. At present, we have three cornea consultants providing the services and also training the residents, ophthalmic assistants and optometrists posted in the cornea OPD. Besides, we are also conducting long-term fellowship program in “cornea and external ocular diseases” so as to generate more efficient manpower in the cornea sub-specialty.

Our surgical services include cornea transplantation(therapeutic/ optical/triple procedure) , pterygium excision with autologous graft, ocular surface reconstruction with amniotic membrane transplantation, excisional biopsy with cyotherapy, pedicled conjunctival flap, primary corneal repair, complicated cataract surgery, etc.

This year our department has started corneal topography (Pentacam) services for the screening and diagnosis of keratoconus cases. In the cornea OPD, we mainly deal with bacterial and fungal corneal ulcer, viral keratitis, and dry eyes, corneal foreign bodies, etc .This year, we provided services to 27214 OPD patients. In the near future, we are planning to start lamellar corneal transplantation (DMEK, DSEAK) and collagen cross linking services too. Besides we are also planning to resume the eye banking services and working on it. Besides, our department is also involved in regular research activities. We are strongly determined and committed to provide the quality cornea services to our patients.





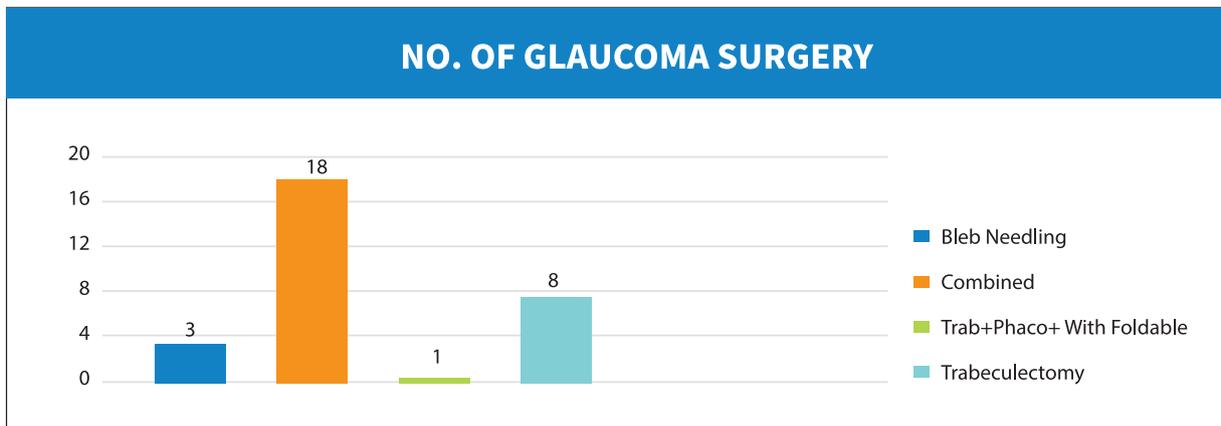
3. Glaucoma



Dr. Sweta Shrestha
Glaucoma specialist

Glaucoma is the second leading cause of blindness in the world. The risk factors of glaucoma include: age, family history, diabetes, eye injury, far or nearsightedness and long-term steroid use. Irreversible blindness is increasing in the world due to glaucoma. Glaucoma subspecialty services in LEIRCis provided in all working days. Glaucoma clinic examined 18262 patients this year. For early detection and management of glaucoma, department has advanced diagnostic equipment like OCT, HFA and Pachymetry.

We have been providing medical and LASER treatment to our glaucoma patients along with adult glaucoma (Trabeculectomy, Phacotrabeculectomy and SICS trabeculectomy) and Pediatric glaucoma (Trabeculotomy + Trabeculectomy, Trabeculectomy + MitomycinC) surgery at reasonable cost. We are also conducting glaucoma awareness programs and celebrating glaucoma week every year.



4. Orbit and Oculoplasty



Assoc. Prof. Dr. Binita Bhattarai (HOD)
Orbit & Oculoplastic Surgeon



Assoc. Prof. Dr. Laxmi Devi Manandhar
Orbit & Oculoplastic Surgeon



Dr. Ramita Kharel
Orbit & Oculoplastic Surgeon

Orbit, Oculoplasty and Ocular Oncology, a distinct subspecialty handles anomaly of orbit (eye socket), eyelids, tear ducts, and the face. It also deals with the reconstruction of the eyelid and associated structures.

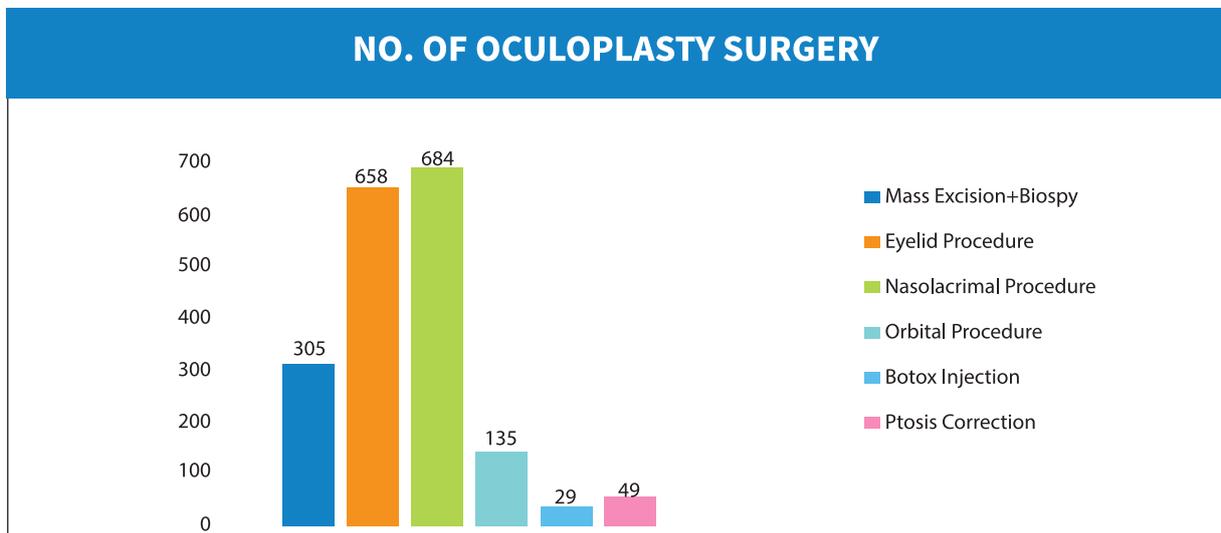


We receive a number of referrals of common and uncommon lid and orbital tumors, orbital inflammations and infections which are managed both conservatively and surgically. A large number of patients with thyroid related orbitopathy are treated; in collaboration with the general physician.

We frequently deal with watery eyes due to obstruction in tear drainage system both in children and adults. The department offer both external and endonasal dacryocystorhinostomy for the chronic dacryocystitis with Nasolacrimal Duct Obstruction.

A number of patients are seen daily with a variety of eyelid disorders including malpositions like droopy eyelids, in turning or out turning of eyelid, benign and malignant eyelid tumors, facial dystonias etc. The service also includes surgical corrections for ptosis, entropion, ectropion, and eyelid reconstructions after trauma or post tumor removal. We also deal with a number of cosmetic eyelid surgeries like blepharoplasty, brow lift and injection of botulinum toxin (Botox) for facial dystonias and cosmetic indications are performed. We are aiming to build chemotherapy unit for the common ocular cancers like retinoblastoma, lymphoma, melanoma etc. in collaboration with oncologist.

The total number of our OPD patient was 10673 this year. We are running one-year orbit and oculoplasty fellowship programme too. We are conducting research activities regularly.



Pediatric, strabismus and Neuro ophthalmology



Prof. Dr. Kabindra Bajracharya(HOD)
Consultant Pediatric Ophthalmologist



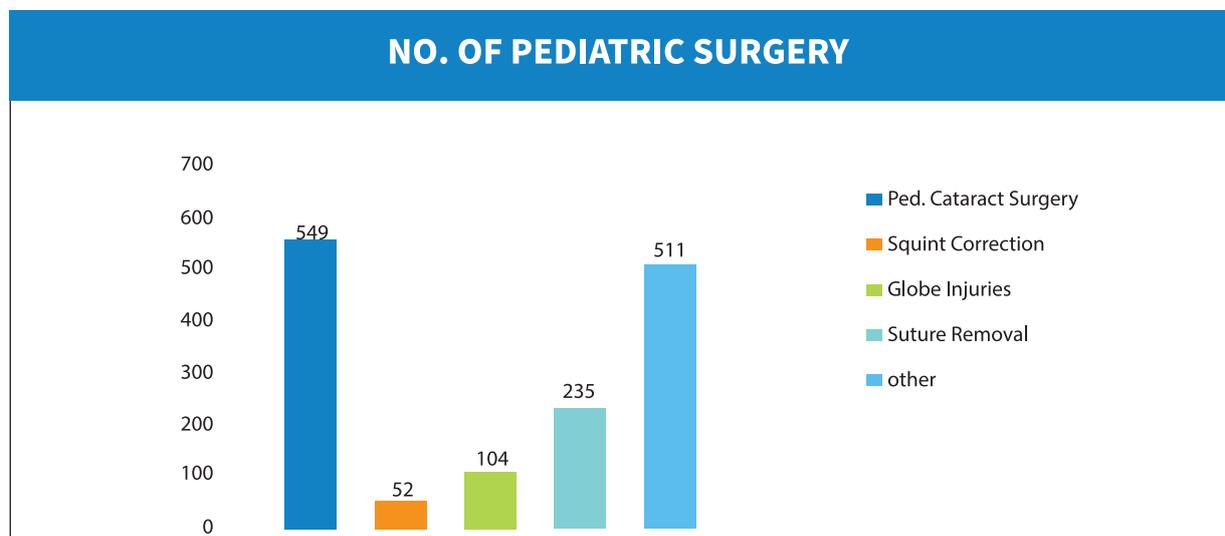
Assist Prof. Dr. Nita Sunam Gamal
Pediatric Ophthalmologist



Assis. Prof. Dr. Toshika Dahal
Pediatric Ophthalmologist



Our pediatric ophthalmology, strabismus and neuro-ophthalmology department is a well recognized tertiary centre for both child friendly pediatric eye care services and for well-established teaching and training centre. Our department is indecently on a single roof including all the facilities of registration, general OPD, refraction, orthoptics, vision therapy, pharmacy, optical and counselling. With the help of ORBIS and SEVA foundation, the hospital has no stone left unturned to make this department, a gold standard in clinical services and academics. We invariably provide services with care and compassion with commitment to meet WHO childhood blindness mission. Our faculty consists of three pediatric Ophthalmologists and two fellows and well trained four optometrist, one orthoptist, one counsellor. Till now our department trained 9 pediatric ophthalmologists. We provide all types of child eye care services such as cataract, strabismus (pediatric and adult) management, pediatric diseases/syndromes, refractive error/amblyopia, ROP screening and low vision services. In neuro-ophthalmology we manage the cases like AION, Optic neuritis, etc. This year we have provided pediatric ophthalmology and strabismus services to 31929 patient. We provided neuro-ophthalmology services to 2352 patients in which we managed the cases like AION, Optic neuritis, papilledema etc. out of which 213 patients were managed with intravenous methyl prednisolone injections.



Vision Therapy Services

Vision therapy enables early detection and rehabilitation of visual dysfunctions from conditions like amblyopia, strabismus, brain injury, and neurological disease, improving patient’s vision recovery, independence, and quality of life.





This year, a total of 603 patients benefited from vision therapy services, including 117 with refractive amblyopia, 65 with non-strabismic binocular vision anomalies (NSBVA), and 65 with strabismus. This year 21 patients were enrolled in office-based therapy and received comprehensive vision rehabilitation which included customized exercises for improving eye coordination, focusing ability, and visual processing skills. These programs are tailored according to patient's condition and progress, leading to measurable improvements in visual function, daily performance, and overall quality of life.

Additionally, optometrists providing vision therapy also support optical services by performing progressive lens marking, enhancing the quality of progressive lens wear, from which over 1,000 patients have benefited.

Orthoptics Services



Binocular single vision is the patient's ability to use both eyes simultaneously to achieve a single image perception. Binocular vision allows a person to have greater depth perception, or the ability to determine the distance between objects. An orthoptic examination comprises of a series of tests used to assess an individual's overall binocular vision status (the ability to use the eyes as a pair).

Our orthoptics department is well equipped for the assessment and diagnosis of binocular vision anomalies and we focused on the non-surgical management of patients with various eye conditions such as strabismus (squint), amblyopia (lazy eye), diplopia (double vision). Our clinic is also a center point for screening of the entire patient visiting the pediatric department. This year, we have evaluated 1296 patients with only strabismus with diplopia charting.

Anisometropic amblyopia is commonest one following non paralytic esotropia, exotropia, paralytic esotropia and exotropia, Duane retraction syndrome (DRS) etc.

Low vision Service

Low vision is the vision problem that cannot be corrected with surgery or conventional eyeglasses. Patients with low vision have difficulty in doing everyday activities. Most of the people with low vision have their residual vision that can be utilized with the help of low vision aids in performing



their daily activities.. The objective of our services is to enhance the residual vision through the use of optical and non-optical devices. Four patients were benefited with non-optical low vision devices.

A total of 70 patients were benefited from low vision service this year. Among them, 51 received distance and near glasses, 15 were provided with optical low vision devices, and 4 utilized smartphone applications. The most common cause of low vision at this hospital was retinitis pigmentosa (18 cases), followed by macular dystrophy, rod-cone dystrophy, optic atrophy, microphthalmos, high myopia, chorioretinal scars, and Stargardt's disease.

During community program, we visited 1 blind school to provide low vision services to the students. We do co-ordinate with National Association of Blind (NAB) and schools for blind for functional and educational assessment and support. 13 were referred to NAB/other CBRs for orientation and mobility training.



Contact Lens Service



Contact lens is the medical device worn to correct vision as well as for cosmetic or therapeutic reasons. Contact lenses provide a safe and effective way to correct vision when used with care and proper supervision. Contact lens are vital for managing complex cases like irregular corneas, post-surgical rehabilitation, and pediatric aphakia, offering vision where glasses fall short. They also provide



therapeutic, cosmetic, and prosthetic benefits and improve the patient outcomes. Our contact lens department gives all the speciality contact lens which includes soft contact Spherical/ Toric, Rose K, Bandage Contact lenses, prosthetic lens, Rigid Gas Permeable (RGP), Mini scleral contact lens, and ORTHO K lenses .

This year, a total of 514 patients benefited from various specialty contact lens from contact lens clinic. Among them, 82 received soft monthly or yearly disposable contact lenses, 31 were fitted with prosthetic lenses, and 438 patients underwent scleral lens trials, of which 15 were successfully dispensed.

General and Microbiology Laboratory

Medical laboratory testing plays a crucial role in the detection, diagnosis and treatment of disease in patients. Laboratory tests help determine the presence, extent or absence of disease and monitor the effectiveness of treatment. We have sufficiently equipped clinical laboratory. We offer wide range of tests that are essential in eye health care at affordable price. We deliver our clinical laboratory service through two different departments i.e. General Laboratory and Microbiology department.

We performed 167042 different tests in general laboratory and did 1966 Gram stain, Giemsa stain, KOH stain, culture and sensitivity in microbiology lab in this year.



Ophthalmic imagings

Ophthalmic imaging is an integral part of modern eye care. At our institute, we have a complete range of imaging modalities including FFA, HFA, OCT (retina and glaucoma), corneal topography (Pentacam), B scan, anterior segment photography, fundus photo and disc photo providing critical information for both clinical decision making and research. With total of 30610 imaging services provided this year, we continue to advance the quality eye care services.





Anesthesia Service:



Dr. Umang Sharma
Anesthesiologist



Assoc. Prof. Dr. Ramesh Bhattarai
Anesthesiologist

The department of anesthesia is dedicated for providing quality and safe anesthesia. Most ophthalmic procedures are performed under local anesthesia. For pediatric patient and few adult cases, general anesthesia is needed. Anesthesia service includes preanesthetic checkup (PAC), total intravenous anesthesia (TIVA), regional anesthesia, general anesthesia, pre-operative management and post operative management.

In our hospital anesthesia care is provided by a well-equipped anesthesia team consisting of two experienced anesthesiologists and two well trained anesthesia assistants. We have post-operative anesthesia care unit (PACU) and a postoperative ward.

General anesthesia varies from technique utilizing anesthesia, muscle paralysis and controlled ventilation to ketamine/protocol infusion or volatile anesthetics with spontaneous ventilation on Laryngeal mask airway (LMA).

Patient welfare is an important consideration in ophthalmic service of adult patients with other systemic co-morbidities. In such cases monitored anesthesia care (MAC) is provided, where the anesthesiologist is ready for emergency management if needed. Preanesthetic checkup (PAC) is done by anesthesiologist before surgery and optimization is done if needed.



Anaesthesia Team



Ear care service

Among very few eye hospitals with ENT services in Nepal, LEIRC is one of the multispecialty hospital where we not only provide quality eye care services but also have in-house ENT services. Previously we only provided ear services. But this year we have established ENT department with experienced ENT consultant and sophisticated instruments to provide quality Ear, Nose, and Throat (ENT) services. This year we provided ENT service to 955 patients.



Dr. Milan Sedhai
ENT surgeon



Community Outreach Services

The Outreach performance Report (2024-2025) highlights the achievements of LEIRC based outreach performance in delivering eye care services. The LEIRC-based outreach efforts included Diagnostic, Screening and Treatment (DST) through 29 camps, serving 6315 outpatients and 1696 in-patients (Cataract surgery). Under the school screening program, 48 schools were screened benefiting 14,776 students with 465 refractive error identified and 463 free spectacle distributed with the support of SEVA Foundation and the Nepal Government.

Additionally, one Low Vision Camp was conducted which treated 15 patients and 6 Diabetic Retinopathy (DR) camps screened 351 patients in terai and hilly district such as Rupandehi, Pyuthan, Rampur, Palpa, Gulmi, Arghakhachi. For pediatric care, one eye camp served 21 outpatients and thirteen refraction camps provided services to 3753 individuals. Surgical outreach included 51 camps in Taulihawa (1444 surgeries), 41 in Krishnanagar (640 surgeries), 10 in Palpa (432 surgeries), 4 in Gulmi (102 surgeries), 6 in Arghakhachi (416 surgery), 9 in Pyuthan (340 surgery). Training programs with support of SEVA Foundation and LEIRC empowered 287 Female community Health Volunteers (FCHVs), 59 Mother's group, 11 drug retailers and 78 teachers.



Prof. Dr. Kabindra Bajracharya
Outreach Director
Consultant Pediatric Ophthalmologist



Diagnostic Screening and Treatment Camp (DST)

We conducted 29 DST camps at various places of Rupandehi under the support of SEVA foundation, Tej Kohli and other local partners. We examined 6315 patients and among them 1692 patients were performed cataract surgery in LEIRC.



Diabetic Retinopathy Camp

This year we have conducted 6 DR camps at various places of Rupandehi, Gulmi and Arghakhachi under the local support of community. Throughout the camp we examined 351 diabetic patients.





Pediatric Eye camp



We have conducted 1 pediatric eye camps at Rupandehi District and screened 21 children.

School Screening Camps

We have conducted school screening camps in 48 schools of Rupandehi and examined 14,776 students. Among the screened students, 463 students were found with refractive error and provided free spectacles under the support of Seva Foundation and Nepal Government.



Low Vision Camp

This year we have conducted 3 low vision eye camps in Rupandehi where 183 patients were examined under the sponsorship of Mike Cassidy (USA), 15 children were provided free low vision devices.





Refraction Camp

This year we have conducted 8 refractive camps in different places of Rupandehi where 1297 patients were examined.



Eye Health Education Activities

We conducted training on eye health education by focusing the local volunteers like: Female community Health volunteers (FCHVs) and to the staff of eye care centers of Rupandehi.





Academic and Training Activities

1. Academic Program

LEIRC had different levels of training programs to produce man power in eye care services.

A.MD OPHTHALMOLOGY

LEIRC offers 3 years MD ophthalmology residency program which is affiliated with National Academy of Medical Science. So far 39 MD residents have graduated from this institutes. We have Thirteen MD residents (7 first year, 2 second year, 4 third year) at present in our institute.



MD RESIDENT 1st Year



MD RESIDENT 2nd Year

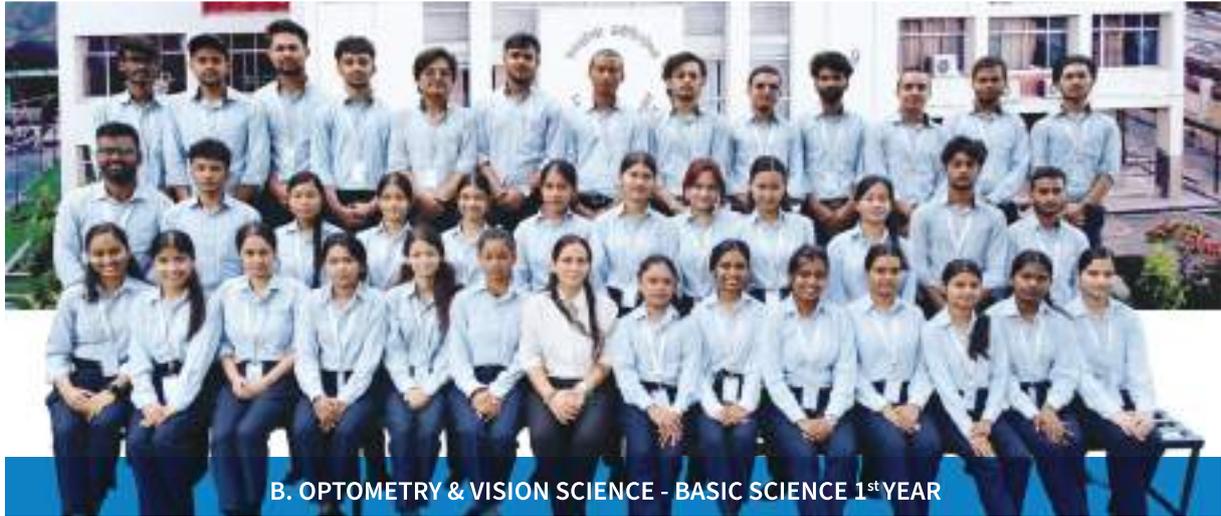


MD RESIDENT 3rd Year



B. Bachelor of Optometry and Vision Science

Under the affiliation with NAMS, we have started the Bachelor of optometry and vision science program since 2017. Currently five batches (40 students) of B.optometry are running at LEIRC.



B. OPTOMETRY & VISION SCIENCE - BASIC SCIENCE 1st YEAR



B.OPTOMETRY 1st YEAR



B.OPTOMETRY AND VISION SCIENCE 2nd YEAR



B.OPTOMETRY AND VISION SCIENCE 3rd YEAR



B.OPTOMETRY AND VISION SCIENCE 4th YEAR



C. PCL OPHTHALMIC SCIENCE

LEIRC is also running PCL ophthalmic science program under CTEVT. Every year 40 new students are enrolled in three-year PCL in ophthalmic science program. Till today, thirteen batches of students had graduated and three batches of students are studying in different years of the program.





D. Fellowship Program

To strengthen the sub specialty services, we are providing long-term and short-term fellowship program in different sub-specialities:

- Pediatric ophthalmology and strabismus
- Vitreo-Retina
- Oculoplasty and
- Cornea and external ocular diseases.



Dr. Smita Kafle
Paediatric ophthalmology and strabismus fellow



Dr. Pramiti Joshi
Paediatric ophthalmology and strabismus fellow

E. SHORT-TERM TRAINING PROGRAMS



- **SICS and Phaco training program:**

LEIRC is providing small Incision cataract surgery (SICS) and phacoemulsification training to national and international candidates to enhance the cataract surgery skill.

- **Comprehensive Micro Surgical Training**

We have been providing one-month comprehensive micro surgical training to MD residents from different eye hospitals. This year four MD resident from different eye hospitals were benefited from this training.



Dr Bibek Upadhyaya (Phaco training)



Dr Prashansa Shakya (Phaco Training)



Library

Library plays very crucial role in teaching and learning process and is an integral part of any academic institute. LEI has well managed library with sufficient books, journals and audio-visual learning devices. Library has two sections; electronic and traditional library.

It serves as the center for learning through various books, journals, newspapers and audio- visual learning devices and facilitates the research processes by providing required articles, journals and other related information. Apart from these services, library frequently organizes activities which enhance teaching and learning abilities of its users regularly





Research Department

This year has been a productive and progressive one for the Research Department at LEIRC. Our key focus remained on strengthening evidence generation, capacity building, and preparing for the future.

We successfully conducted an Employee Satisfaction Survey at LEIRC to assess staff engagement and identify areas for organizational improvement. In addition, we carried out the Rapid Assessment on Refractive Error (RARE) Survey in Lumbini Province, generating crucial data to inform refractive error control programs and planning which was initiated by Nepal Netra Jyoti Sangh, Central office.

Recognizing the need to enhance our scope, we have set plans in motion to upgrade the Research Department into a Research and Development Department, allowing us to expand beyond data collection and analysis toward innovation and implementation of evidence-based solutions.

Capacity building continues to be one of our core priorities. Throughout the year, we regularly conducted Research Proposal Development Training, Data Management and Analysis Training, and Scientific Report Writing Training for our staff, residents, and students to foster a strong research culture within the organization. Furthermore, our team actively participated in ORCB-2 training, supported by Seva Foundation and facilitated by PRASHO Foundation, enhancing our institutional research capacity and networking.

We remain committed to advancing research excellence at LEIRC and translating findings into practice to improve eye health outcomes in our community.

This year we published 5 new research articles in different national and international journals.



Saraswati Khadka Thapa
Research Co-ordinator, LEIRC



Institutional Review Committee, LEIRC



Research Committee, LEIRC



PUBLICATIONS

1. **Gyanendra Lamichhane, Sabita Dhakal, Roseen K C, Anjana Sapkota. Ocular Toxoplasmosis: Diagnosis and Management in low resource country –A case Series.** Int. J. Curr. Res. Med. Sci. 2025;11(4): DOI:<http://dx.doi.org/10.22192/ijcrms.2025.11.04.001>
2. **Thapa SK, Sudeep KC. Job Satisfaction among Eye Health Care Provider at Lumbini Eye Institute and Research Center, Bhairahawa, Nepal.** Journal of Bharatpur Hospital. 2025 Jul 2;1(2):133-8.
3. **Nau BP, Giri RC, Khadka D, Yadav CK, Gurmaita RK. Assessment of the prevalence and severity of Diabetic Retinopathy in Type 2 Diabetes mellitus in retina department of Lumbini Eye Institute and Research Center: A Cross-sectional study.** Janaki Medical College Journal of Medical Science. 2024 Dec 31;12(03):39-45.
4. **Manandhar LD, Shrestha, K, Bhattarai B, Kharel R. Outcome of Modified Weis Procedure Versus Jones Procedure in Senile Entropion at Tertiary Eye Centre of Western Nepal.** Journal of Nepalgunj Medical College, 2024;Dec 22(2): 40–43. <https://doi.org/10.3126/jngmc.v22i2.74360>
5. **Sabita Dhakal, Sujata Dhakal, Ramita Kharel, Bibek Bista. Comparison of intraocular pressure measurement between Goldmann applanation tonometer and Tonopen.** Asian Journal of Medical Sciences 2025;16(9), 102-108.

STUDY COMPLETED

1. Surgical outcome of closure of large macular hole with internal limiting membrane free flap technique – Dr. Sabita Dhakal
- 2) Comparison between patching and Vision therapy in Amblyopia at LEIRC—Ms Namrata Pandey.
- 3) Pattern of ocular morbidities among the children between the age zero to five years in tertiary eye care center of Lumbini province, Nepal: A hospital based cross sectional study – Dr. Kabindra Bajracharya, Ms. Saraswati Khadka Thapa
- 4) Small incision cataract surgery in colobomatous eyes in a tertiary eye center of Western Nepal: Surgical outcome – Dr. Anjana Sapkota
- 5) Outcome of traumatic canalicular laceration repair with monocanicular stent- Dr. Laxmi Devi Manandhar
- 6) Hydrophobic Acrylic PMMA IOL Implantation in Pediatric Cataract Surgery---Dr.Toshika Dahal.
- 7) Visual Performance with scleral Contact Lens—Mr.RameshChandra Giri.
- 8) Pattern of ocular morbidity among community of Siyari District, Rupendehi-Mr. Asmit Shrestha



ON GOING RESEARCHES

1. Visual outcome after cataract surgery in lens induced glaucoma in tertiary eye care centre in Western Nepal- Dr. Sushila pokhrel
2. Analysis of visual function in patients with nuclear cortical and posterior sub capsular cataract in Lumbini Eye Institute & Research Centre- Dr. SambandhaDhoj Khati
3. Association between comitant strabismus and refractive error in pediatric population attending in a tertiary eye care center, Nepal- Mr. Bishal Mani Traipathi
4. Association of refractive error with smart phone usage among aged 10-19 Years adolescents –Ms. Sristhi Sanani Magar
5. Impact of spectacle wear on visual function in children with intellectual disabilities in Lumbini Province, Nepal- Mr. Hari Bahadur Thapa
6. Prevalence and pattern of strabismus among children attending tertiary eye hospital, LEIRC, Nepal- Ms. Sushila Oli
7. Impact of optical devices & smart phone application on near vision among patient with low vision- Ms. Jharana Rayamajhi
8. Prevalence of refractive error and visual impairment in student of integrated school, Lumbini Province- Ms. Anita yogi
9. Association between intraocular pressure & refractive error- Ms Sristhi Sanani Magar Visual outcome & residual refractive error after phacoemulsification cataract surgery in tertiary eye care centre- Ms. Usha Bushal
10. Prevalence and etiology of blindness and visual impairment among school going children attending tertiary eye hospital of western, Nepal- Mr. Asmit sherestha
11. Spectacle wear compliance and its determinants in children with refractive error: A hospital based study- Ms. Anisha gautam
12. Prevalence of visual impairment in children with pediatric cataract six month after surgery- Mr. Suraj Pal
13. Impact of scleral lens on visual parameter in corneal scar of various origin -Ms. Parul Srivastava
14. Pattern of Visual function among school going children during school admission in rural area of Rupendehi district- Mr. Milan Gupta
15. Patient satisfaction with eye care service at tertiary level eye hospital in western part of Nepal- Ms. Saraswati Khadka Thapa
16. Risk Factor associated with Childhood strabismus: A hospital based cross sectional study-Dr. Pramiti Joshi



Other Activities in Lumbini Eye Institute

1. Annual Planning Meeting (2024/25)

Annual planning meeting of LEIRC and its wings was held at Hotel Pokhara Village, Lakeside Pokhara on 1st Asoj 2081 (17th September 2025). The meeting was attended by secretary general of central Nepal Netra Jyoti Sangh, Chairman of LEIRC/SRASEH management committee, chief medical director of LEIRC, representative from Seva foundation Nepal, LEIRC and secondary eye hospital's managers, clinic in-charge and members of management committee of respective SEH, DECC & ECC. The objective of meeting was to discuss on previous year's performance level and to set the future targets for each ECCs and hospitals.



2. Hospital Day Celebration program

LEIRC/SRASEH completed 41 years on 29th November 2023. Every year we celebrate Hospital Day on Mangsir 13th of Nepali calendar. On the occasion of hospital day, we distributed fruits to the patients. Through the formal program, we distributed best employee award, long-term service award, best research paper award, best MD resident award, best PCL ophthalmic science award, and best faculty award. On the occasion of hospital day, the foundation stone of new modular operation theatre was laid by honourable finance minister Bishnu Poudel.





3. Research Related Training & Workshop

With the aim of to build up capacity at research, Lumbini Eye Institute organized three different research related training in the institute in a year. It has organized Data management and analysis training on 3rd-5th June 2025 to third research capacity build up group who were provided training on research proposal writing previously. Research capacity buildup training comprises ophthalmologist, optometrists, ophthalmic assistant, admin and managerial staff..



4. LEICON III 2025

This year we conducted LEICON III with the theme, "Restoring Vision: Advancing Eye Health Together" supported by SEVA Foundation on 14th June 2025 as a full-day program at Tiger Palace Resort, which was attended by 84 participants. Twenty-Three scientific papers were presented at the conference by ophthalmologists from LEIRC and other eye centers of Bhairahawa, ENT surgeon and Anesthesiologist, technical and non-technical officers and ophthalmic assistant of LEIRC. We felicitated Professor Dr Nanda Kumari Gurung by LEIRC distinguished service award 2025





5. Hospital based training towards the Capacity buildup & Quality eye Care

This year we have conducted different types of training to all staff to upgrade the quality eye care services like: Basic Life support training was conducted to the working Paramedical and non – paramedical staff of LEIRC.



6. Rapid Assessment on Refractive Error (RARE) Survey

This year we have completed Rapid Assessment on Refractive Error (RARE survey) in Lumbini province. Four team members (Two-LEIRC, one – Rapti Eye Hospital, one – Fateh Bal Eye Hospital) comprises for the data collection from target population who were 17-50 years old.





7. Eye Care Management Training

To enhance professional skills in areas such as counseling, behavior, book keeping of income and expenses, and technical proficiency in optical dispensing, we have conducted Eye Care Management training on 28th – 31st May 2024 to Optical dispensers from peripheral eye care centers. Twenty-two optical dispensers were benefited from the theoretical and practical sessions of the training.



8. World Sight Day 2024

We have celebrated World sight day program with different eye care awareness program.





9. World Eye Donation Day 2025

We celebrated "World Eye Donation Day" by organizing eye donation awareness program in hospital and also conducted an awareness program in local radio.



10. Mindfulness Meditation Session

A one-hour mindfulness meditation session is conducted once a month, on the last Friday, in the conference hall of LEIRC. Interested staff members and students actively participate in these sessions. The program aims to promote stress management, positive thinking, and emotional well-being, fostering qualities of humanity, compassion, and care essential for providing holistic and empathetic eye care services within the hospital.





Human Resource Development Activities:

1. CME/ Conferences/Seminar/Workshops:

Clinical staffs working at various departments in LEI were deputed for various CME's, Workshop, Seminars etc conducted at various places during the year.

S.N	Name of personnel	CME/Seminar/workshop/Meeting
1.	Prof. Dr. Gyanendra Lamichhane	<ul style="list-style-type: none"> 8th Nepal Vitreo- Retina Society Annual Conference in Kathmandu from 2nd to 5th January 2025
2.	Prof. Dr. Sushila Patel	<ul style="list-style-type: none"> OUC training for trainers' program Bangalore in India from 17th-22nd Oct. 2024 Research Methodology training at Kathmandu from 16th-19th Nov. 2024 Meeting with Mahidol university, Bangkok, Thailand from 30th march -6th April 2025 IRC training in Kathmandu from 18th -21st June 2025
3.	Prof. Dr. Kabindra Bajracharya	<ul style="list-style-type: none"> APAO 2024 LDP in Kathmandu from 13th Sept.2024 to 15th Sept. 2024 OUC training for trainers' program Bangalore in India from 17th-22nd Oct. 2024 Best Infection Control Practices in Surgical Camps workshop in Kathmandu from 27th Nov. 2024 to 28th Nov. 2024 Nepal Ophthalmic Society Conference 2024 in Kathmandu from 29th Nov. 2024 to 1st Dec. 2024 APAO Conference in Delhi, India from 3rd-6th April 2025 CME on Pediatric Vision Impairment and rehabilitation in Kathmandu from 24th April to 26th April 2025 Workshop on the scope of integrity eye health for children in child health at primary care level in Kathmandu from 3rd May to 6th May 2025 OUC1.1 workshop in Kathmandu from 18th to 20th May 2025 IRC training in Kathmandu from 18th June to 21st June 2025
4.	Associate Prof. Dr. Binita Bhattarai	<ul style="list-style-type: none"> Workshop of Nepalese Society of Oculoplastic Surgeon in Kathmandu from 26th July to 28th July 2024 National Oculoplastic Conference in Kathmandu from 25th Oct to 26th Oct. 2024



5.	Associate Prof. Dr. Manita Sunam Godar	<ul style="list-style-type: none">• Annual Meeting of AAO in Chicago, USA from 18th Oct. to 21st Oct. 2024• Annual Eye Bank Meeting in Kathmandu from 30th Nov. to 2nd Dec. 2024• Comprehensive Management of Keratoconus workshop in Kathmandu from 24th Jan. to 26th Jan. 2025• Research Capacity Building Workshop PRASHO- 25th -26th April 2025• ISGEO in Kathmandu from 27th April to 28th April 2025
6.	Associate Prof. Dr. Laxmi Devi Manadhar	<ul style="list-style-type: none">• Advance Eyexel Workshop in Bharatpur from 5th May to 8th May 2025• National Oculoplastic Conference in Kathmandu from 25th Oct to 26th Oct. 2024
7.	Dr. Sabita Dhakal	<ul style="list-style-type: none">• Diabetic Retinopathy Registry Program in Kathmandu from 18th Feb to 19th Feb 2025• AIOS Conference in Delhi, India from 2nd April to 7th April 2025
8.	Dr. Ramita Kharel	<ul style="list-style-type: none">• AIOS Conference in Delhi, India from 2nd April to 7th April 2025
9.	Dr. Roosen K.C.	<ul style="list-style-type: none">• 8th Nepal Vitreo Retina Society Annual Conference in Kathmandu from 2nd to 5th January 2025• DOS Conference, 2025 in Delhi, India from 11th June to 17th June 2025
10.	Assistant Prof. Dr. Toshika Dahal	<ul style="list-style-type: none">• DOS Conference, 2025 in Delhi, India from 11th June to 17th June 2025
11.	Dr. Umang Sharma	<ul style="list-style-type: none">• Nepal Pain Conference 1.0 Programme in Kathmandu from 28th Nov. to 1st Dec. 2024
12.	Dr. Ramesh Bhattarai	SANCON 2025 in Kathmandu from 24th Jan to 27th Jan 2025
13.	Dr. Milan Sedhai	Ear Care Workshop, Biratnagar from 18th Jan to 21st Jan 2025
14.	Mr. Prakash Rayamajhi	<ul style="list-style-type: none">• Enhancing hospital Management through best practices and innovation approaches program in Madurai, India from 3rd Nov. to 8th Nov. 2024• NNJS Capacity Building Training at Kathmandu from 30th Nov. to 4th Dec. 2024• Meeting with Mahidol university, Bangkok, Thailand from 30th March -6th April 2025• SEVA Partners Meeting in Kathmandu from 26th April to 28th April 2025• Training on Strategy workshop at Kathmandu from 18th June to 21st June 2025



15.	Mr. Bhesh Bikram Thapa	<ul style="list-style-type: none">• NNJS Capacity Building Training in Kathmandu from 30th Nov. to 4th Dec. 2024• NAS for NPO training in Kathmandu from 7th May to 11th May 2025• Management and Leadership workshop in Bharatpur from 3rd May to 6th May 2025
17.	Mr. Tulsi Prasad Parajuli	<ul style="list-style-type: none">• Ear Care Workshop in Biratnagar from 18th Jan to 21st Jan 2025• APAO Conference, 2025 in Delhi, India from 3rd to 6th April 2025
18.	Ms. Saraswati Khadka Thapa	<ul style="list-style-type: none">• 24th FERCAP Conference in Kathmandu from 23rd Nov. to 28th Nov. 2024• Rapid Assessment of Refractive Error in Kathmandu from 18th Dec. 2024 to 24th Dec. 2024• Research Capacity Building Workshop- PRASHO 25th to 26th April 2025• ISGEO 2025 at Kathmandu 27th to 28th April 2025• IRC training in Kathmandu from 18th June to 21st June 2025.
19.	Mr. Sudeep K.C.	Management and Leadership Development workshop in Bharatpur from 3rd May to 6th May 2025
20.	Mr. Tilak Rana	Management and Leadership Development workshop, Bharatpur from 3rd May to 6th May 2025
21.	Mr. Amar Gautam	Role of social media in Eye Health Education program in Biratnagar from 2nd July to 4th July 2025
22.	Mr. Sanjeev Adhikari	Role of social media in Eye Health Education program in Biratnagar from 2nd July to 4th July 2025
23.	Mr. Md. Shamim Akhtar Khan	Advance Eyexel Workshop in Bhatratpur from 5th May to 8th May 2025
24.	Mr. Khem Raj Bhattra	Workshop PRASHO April 2025 in Kathmandu from 23rd April to 26th April 2025
25.	Mr. Mahesh Aryal	Exposure training in fundus camera in Jhapa, Nepal from 20th April to 30th April 2025
26.	Mr. Amod Mishra	National Oculoplastic Conference in Kathmandu from 25th Oct. to 26th Oct. 2024
27.	Mr. Santosh Ghimire	National Oculoplastic Conference in Kathmandu from 25th Oct. to 26th Oct. 2024
28.	Ms. Bhumikala Bhandari	<ul style="list-style-type: none">• OUC training for trainers' program in Bangalore, India from 17th-22nd Oct. 2024• OUC1.1 workshop in Kathmandu from 18th to 20th May 2025



29.	Mr. Ramesh Chandra Giri	Comprehensive Management of Keratoconus workshop in Kathmandu from 24th Jan. to 26th Jan. 2025 Advance Eyexel Workshop in Bhatratpur from 5th May to 8th May 2025
30.	Dr. Sujana Adhikari	ACLS and Research training, NAMS in Kathmandu from 2nd Sept. to 10th Sept. 2024
31.	Dr. Ritesh Mehta	Essential Surgical Skill courses in Kathmandu from 23rd to 26th Nov. 2024 ACLS and Research training, NAMS in Kathmandu from 2nd Sept. to 10th Sept. 2024
32.	Dr. Rakshya Pangen	Essential Surgical Skill courses in Kathmandu from 23rd to 26th Nov. 2024 Live Classroom Resident Review Course at Kathmandu from 12th Sept. to 16th Sept. 2024
33.	Dr. Prabhat Kiran Devkota	Live Classroom Resident Review Course in Kathmandu from 12th Sept. to 16th Sept. 2024
34.	Dr. Laxmi Dhawal	Live Classroom Resident Review Course in Kathmandu from 12th Sept. to 16th Sept. 2024 ACLS and Research training, NAMS in Kathmandu from 2nd Sept. to 10th Sept. 2024 Essential Surgical Skill courses in Kathmandu from 23rd to 26th Nov. 2024

2. Personnel Recruited During The Year

- I. Dr. Pushpa Upadhyay
- II. Dr. Manita Shakya
- III. Dr. Shailiya Malla
- IV. Dr. Stuti Chand
- V. Ms. Chahana Shah
- VI. Ms. Yasmeen Raeen Kujda
- VII. Ms. Priyanshi Gupta
- VIII. Ms. Rasgun Nisha
- IX. Ms. Tara Pokhrel
- X. Ms. Sarita B.K.
- XI. Mr. Prince Upadhya
- XII. Ms. Karishma Jhapa
- XIII. Ms. Babita Acharya
- XIV. Ms. Bhagwati Raut
- XV. Ms. Suna Kaucha Pandey
- XVI. Ms. Sita Pandey
- XVII. Ms. Alina Neupane



- XVIII. Ms. Amrita Sharma
- XIX. Ms. Babita Bashyal
- XX. Mr. Ajay Nau
- XXI. Ms. Pabitra Thapa
- XXII. Mr. Rakesh Yadav
- XXIII. Mr. Ajay K. Sharma
- XXIV. Mr. Amir Khan
- XXV. Ms. Maya Tharu

3. Personnel Resigned/Retired During The Year

- i. Ms. Shradha Shukla
- ii. Mr. Sirdu G.C.
- iii. Ms. Priyanka Bucha Magar
- iv. Ms. Namrata Pandey
- v. Mr. Netra Lal Mahato

4. Rewarded Employees:

Nepal Netra Jyoti Sangh & Lumbini Eye Institute Best Employee Award

- Assoc.Prof Dr. Laxmi Devi Manandhar
- Mrs. Roma Khanal
- Mrs. Lila Devi Pun
- Mrs. Sapana Giri
- Mr. Majiya Gurau
- Mr. Aashish Koirala Chhetri

Best Research paper award:-

- Assoc. Prof Dr Binita Bhattarai

Best MD Resident Award:-

- Dr. Aashish Shakya

Best Student Award in Bachelor in Optometry Vision Science

Mr. Bigyan Bhusal

Best Student Award in PCL ophthalmic Science

- Ms. Pratima Nyaupane

Best Faculty award:-

- Mr. Dilli Raj Bhattarai



Appendix (I) LEI Management Committee Members

- | | |
|------------------------------------|------------------|
| • Mr. Sagar Pratap Rana | Chairman |
| • Representative of CNNJS | Member |
| • Mr. Kamal Raj Joshi | Member |
| • Mr. Narayan Prasad Agrawal | Member |
| • Mr. Rajendra Prasad Panthi | Member |
| • Mr. Ganesh Bahadur Chhetri | Member |
| • Prof. Dr. Sushila Patel | Member |
| • Mr. Prakash Rayamajhi | Member Secretary |
| • Representative of Employee Union | Member |
| • Representative of OA Association | Member |

Appendix (II) Institutional Review Committee Members

- | | |
|-------------------------------------|------------------|
| • Prof. Dr. Kabindra Bajracharya | Chairperson |
| • Assoc. Prof. Dr. Binita Bhattarai | Member |
| • Mr. Prakash Rayamajhi | Member |
| • Ms. Saraswati Khadka Thapa | Member |
| • Mr. Brijesh Khanal | Member |
| • Ms. Rita Thapa | Member |
| • Mr. Hari Bahadur Thapa | Member Secretary |

Appendix (III) Research Committee

- | | |
|---|------------------|
| • Assoc. Prof. Dr. Manita Sunam Godar | Chairperson |
| • Assoc. Prof. Dr. Laxmi Devi Manandhar | Vice-chairperson |
| • Ms. Saraswati Khadka Thapa | Member secretary |
| • Mr. Priyanka Rajbhandari | Member |
| • Ms. Dikshya Khadka | Member |
| • Ms. Saraswati Bhandari | Member |
| • Mr. Bishal Mani Tripathi | Member |



Appendix (V) Contact and email address of PECC, DECC and SEH

SN	Name of Secondary Eye hospital, DECC and PECC,	Address	Contact Details	Email address
1	Palpa Lions Lacoul Eye Hospital	Bhagwati Tole-8, Tansen, Palpa	075-520333, 075-520333 (fax)	plleh@lei.org.np
2	Butwal Lions Eye Hospital	Lions Chowk, Butwal-4, Rupandehi	071-545845, 071-542135 (fax)	butwallions@lei.org.np
3	Taulihawa Eye Hospital	Anandabagh-4, Kapilvastu	076-560953, 076-560374 (fax)	pecckapilvastu@lei.org.np
4	Krishnanagar Eye Hospital	Krishnanagar -2, Kapilvastu	076-520662	krishnanagar@lei.org.np
5	DECC Arghakhachi	Sandhikharka, Arghakhachi	077-420201, 077-420170 (fax)	peccarghakhachi@lei.org.np
6	DECC Gulmi	Tamghas-4, Gulmi	079-520232, 079-520232 (fax)	gulmidecc@gmail.com
7	DECC Pyuthan	Bijuear-6, Pyuthan	086-460160, 086-460010 (fax)	peccpyuthan@lei.org.np
8	ECC, Lumbini	Lumbini Aadarsh -10, Rupandehi	071-580344	lumbini@lei.org.np
9	ECC, Siyari	Siyari - 7, Amuwa, Rupandehi	-	Lei.siyari@lei.org.np
10	ECC , Samarimai	Sammarimai Rural Municipality, Rohinihawa-5		Lei.sammarimai@lei.org.np
11	ECC, Suddhodhan	Shuddhodhan 05, Manpakadi		Lei.shuddhodhan@lei.org.np
12	ECC, Marchawari	Marchawari, Gaunpalika		
13	ECC, Tilottama	Tilottama-2, Shankarnagar, Rupandehi, Nepal		Lei.tilottama@lei.org.np
14	ECC Rohini	Rohini, Gaunpalika, Rupandehi		Lei.rohini@lei.org.np



15	ECC, Sainamaina	Sainamaina- 4, Rupandehi	017-440307	Lei.sainamaina@lei.org.np
16	ECC, Saljhandi	Saljhandi, Rupandehi		butwallions@lei.org.np
17	ECC, Devdaha	Devdaha, Rupandehi		<u>butwallions@lei.org.np</u>
18	City Clinic Butwal			
18	ECC, Kaligandaki	Rampur, Palpa	075-401085	kecc@lei.org.np
19	ECC Rainadevi Chhahara	Rainadevi, Chhahara, Palpa		plleh@lei.org.np
20	ECC , Tinau Dobhan	Dobhan, Palpa		plleh@lei.org.np
21	City Clinic	Tansen, Palpa		
21	ECC, Shantipur	Shantipur, Gulmi	079-520232, 079-520232 (fax)	peccgulmi@lei.org.np
22	Shree Krishna Hari Rudrawati ECC, Wamitaksar	Wamitaksar, Gulmi	079-520232, 079-520232 (fax)	peccwami@gmail.com
23	ECC , Simaltari	Simaltari, Gulmi		simaltariecc@gmail.com
24	ECC Thada, Arghakhachi	Thada, Arghakhachi	077-420201, 077-420170 (fax)	peccarghakhachi@lei.org.np
25	Chhatradev ECC	Arghakhachi		
26	Panini ECC	Arghakhachi		
27	Kaligandaki ECC, Purtighat, Gulmi	Purtighat, Gulmi		kaligandakiecc@gmail.com
28	Madane ECC, Purkut, Gulmi	Purkut, Gulmi		madanepecc@gmail.com
29	Ruru ECC, Ridi, Gulmi	Ridi, Gulmi		ruruecc@gmail.com
30	ECC, Bhingri Pyuthan	Bhingri Pyuthan		
31	ECC, Gaumukhi Pyuthan	Gaumukhi Pyuthan		



MD Ophthalmology Residency Program, LEIRC

2004-2007	
Dr. Arjun Malla Bhari	Maldives
Dr. Satish Dahal	Gaur Eye Hospital, Gaur

2005-2008	
Dr. Rosy Karki	Tilottama Eye care, Butwal
Dr. ThimSarom	Cambodia

2008-2011	
Dr. Koshal Shrestha	Meenakshi Eye Hospital/UCMS
Dr. Prachanda Gautam	Vision Eye Hospital, Nepalgunj
Dr. Sanjeeb Kumar Yadav	Sanjiwani Eye Hospital, Biratnagar
Dr. Ravi Dhar Bhandari	Geta Eye Hospital

2009-2012	
Dr. Bel Bahadur Thapa	UK
Dr. Roshija Khanal	Shree Krishna Netralaya, Province 05
Dr. Ruchi Shrestha	Dristi Eye Care

2010-2013	
Dr. Sweta Singh	Dristi Eye Hospital ,Itahari
Dr. Binita Bhattarai	LEIRC
Dr. Sunil Thakali	Hetauda,community eye Hospital

2015-2018	
Dr Roshan Dev Yadav	Nava Dristi Eye Hospital,Itahari
Dr Kriti Joshi	USA

2016-2019	
Dr. NisthaKafle	Biratnagar Eye Hospital (Fellow)
Dr. Harshika Rauniyar	Matrika Eye Center
Dr. Khusbu Thakur	Mechi Eye Hospital
Dr. Aman Kumar Gupta	Kakarvitta Eye Care Center Pvt.Ltd

2017-2020	
Dr. Basanta Karki	Mechi Netralaya
Dr. Sajid Ali	Dristi Eye Hospital Birgunj
Dr. BernardeteM. Pereira	East Timor
Dr. Julia R.CMagno	East Timor



2018-2021	
Dr. Anju Sapkota	Fatch Bal Eye Hospital
Dr. Najara Thapa	Surkhet province Hospital
Dr. Rakshya Basnet	Koshi Hospital
Dr. Lily Myint	Myanmar
Dr. Sarita Maharjan	LEIRC
Dr. Valerio Andrade	East Timor
Dr. Sristi Thakur	Sagarmatha Chaudhary Eye Hospital, Lahan
2019-2022	
Dr. Jharana Gurung	Seti Zonal Hospital, Province 07
Dr. Sushma Subba	Province Hospital, Surkhet
Dr. Rumi Yadav	Bir Hospital, NAMS, Kathmandu
2020-2023	
Dr. Aashma Shrestha	Bhim Hospital
Dr. Ashish Shakya	Province Hospital, Surkhet
Dr. John Maharjan	Province Hospital, Surkhet
2021-2024	
Dr. Aayusha KC	LEIRC
Dr. Anu KC	LEIRC
Dr. Rajiv KC	Palpa District Hospital
Dr. Rubina Pradhan	Ongoing study
2022-2025	
Dr. Rakshya Pangen	Ongoing study
Dr. Sujana Adhikari	Ongoing study
Dr. Prabhat Kiran Devkota	Ongoing study
Dr. Sambandha Dhoj Khati	Ongoing study
2023-2026	
Dr. Ritesh Mehta	Ongoing study
Dr. Laxmi Dhawal	Ongoing study
2024-2027	
Dr. Arun Kumar Verma	Ongoing study
Dr. Ashish Chaudhary	Ongoing study
Dr. Awantika Subedhi	Ongoing study
Dr. Sandhya Rai	Ongoing study
Dr. Sarita Pandey	Ongoing study
Dr. Suhel Lama Thing	Ongoing study
Dr. Umesh Gopal Shrestha	Ongoing study



FELLOWSHIP PROGRAMME LEIRC

Pediatric Fellows	Fellowship Duration	Present institution
Dr. Arjun Malla Bhari	3rd January 2011- 2nd January 2012	Maldives
Dr. Sanjay Kumar Singh	1st Sept. 2012 - 31st Aug. 2013	Sagarmatha Chaudhary Eye Hospital, Lahan
Dr. Kabindra Bajracharya	15th September 2013- 14th October 2014	LEIRC
Dr. Saraswati Pandey	1st September 2015-31st August 2016	Shree Krishna Netralaya
Dr. Pawan Shrestha	16th May 2017 - 29th May 2018	Biratnagar Eye Hospital
Dr. Govind Gurung	15th July 2018 – 14th July 2019	Kedia
Dr. Anjita Hirachan	1st July 2019 – 30th June 2020	Dristi Eye Hospital, Pokhara
Dr. Kriti Joshi	1st August 2020 – 31st July 2021	USA
Dr. Toshika Dahal	1st June 2023 – 31st May 2024	LEIRC

Vitreo retina /Medical retina fellows	Fellowship period	Present institution
Dr. Gyanendra Lamichhane	3rd January 2011- 2nd January 2012	LEIRC
Dr. Anadi Khatri	1 st December 2017-31 st November 2018	Birat Eye Hospital , Biratnagar
Dr. Saurav Piya	2 nd December 2018 – 31 st November 2019	ASG hospital, Kathmandu
Dr. Bikram Bahadur Thapa	1 st June 2019 – 31 st May 2020	Nepalgunj Medical College
Dr. Lazza Singh	1 st February 2021 – 31 st January 2022	Nepal Eye Hospital
Dr. Amrit Bastola	1 st August 2020 – 31 st July 2021	Shree Krishna Netralaya
Dr. Sabita Dhakal	1 st March 2022- 28 th February 2023	LEIRC
Dr. Roosen K.C	1 st October 2022 -30 th September 2023	LEIRC
Dr. Bishow Raj Timalisina	1 st August 2023 – 31 st July 2024	Karnali Academy of Health Sciences

Oculoplasty fellows	Fellowship Period	
Dr. Binita Bhattarai	1 st December 2016 – 30 th November 2017	LEIRC
Dr. Laxmi Devi Manandhar	15 th March 2019- 14 th March 2020	LEIRC
Dr. Ramita Kharel	17 th September 2021- 16 th September 2022	LEIRC
Dr. Raja Hussain	1 st July 2022- 30 th June 2023	Bharatpur Eye Hospital

Cornea Fellows	Fellowship Period	Present institution
Dr. Manita Sunam Godar	1 st November 2019 – 31 st October 2020	LEIRC
Dr. Abhisekh Suwal	1 st October 2021 – 31 st September 2022	Divya Jyoti Eye Hospital
Dr. Prakriti Pradhan	1 st June 2023 – 31 st May 2024	LEIRC

Glaucoma fellows		
Dr. Polina Dahal	1 st November 2017 – 31 st October 2018	Chitwan Medical College, Bharatpur



Abbreviation

CNNJS	– Nepal Netra Jyoti Sangh Central Committee	PECC	– Primary Eye Care Center
NNJS	– Nepal Netra Jyoti Sangh	VSC	– Visiting Satellite Clinic
LEIRC	– Lumbini Eye Institute & Research Centre	NEHE	– Nepal Eye Health Education
SRASEH	– Shree Rana Ambika Shah Eye Hospital	PCL	– Proficiency in Certificate Level
CEI	– Casey Eye Institute	VC	– Vice Chancellor
OPD	– Outpatient Department	NAMS	– National Academy of Medical Sciences
OCT	– Optical Coherence Tomography	SICS	– Small incision cataract surgery
FFA	– Fundus Fluorescence Angiography	AM	– Adult Male
ERG	– Electro Retinogram	AF	– Adult Female
VR	– Vitreo-Retina	CM	– Child Male
PKP	– Penetrating Keratoplasty	CF	– Child Female
HFA	– Humphery field analyzer	ALK	– Anterior lamellar keratoplasty
CAT	– Cataract	DMEK	– Descement membrane endothelial keratoplasty
CCTV	– Closed circuit television	DSEK	– Descement membrane stripping automated keratoplasty
PAC	– Preanesthetic check up	PLLEH	– Palpa Lions Lacoul Eye Hospital
TIVA	– Total intravenous anesthesia	BLEH	– Butwal Lions Eye Hospital
PACU	– Post operative anesthesia care unit	LECC	– Lumbini Eye Care Center
MAC	– Monitored anesthesia care	TPECC	– Triveni Primary Eye Care Center
DST	– Diagnostic Screening Treatment	TSEH	– Taulihawa Secondary Eye Hospital
WWG	– Wonder work Grant	KNBEH	– Krishnanagar Branch Eye Hospital
SEH	– Secondary Eye Hospital	KPECC	– Kaligandaki Primary Eye Care Center
DECC	– District Eye Care Center	TECC	– Thada Eye Care Center



Chairman HMC, LEIRC



Hospital Management Committee



Ophthalmologist Group



Admin Group



Account & Finance Team



Optometrist Group



Ophthalmic Assistant and officer group



OT group



Ward Team



Lab And Biometry Group



Minor OT



Optical Shop Group



Counselor



Medical Record Team



Pharmacy, Counselling & Admission Employee



Registration And Admission Team



Karyalaya Sahayogi Group



Electricity maintenance team



Transportation Group



Cleaner Group



Security Guard



Farewell to the graduated MD residents



World Ophthalmologist Day celebration



Teej Celebration



Teacher's Day celebration



Free screening camp



Outreach Program Team



PCL Ophthalmic science, faculty



B. optometry Basic science faculties



Academic committee LEIRC



ACOIN award to ophthalmic officer Susan Nakarmi



ACOIN award to ophthalmic officer Sagar Ghimire



Mr. Sanjeev Adhikari(Outreach Co-ordinator LEIRC) receiving NNJS best staff award



Arghakhachi Eye Care Center Team



Krishnanagar Branch Eye Hospital Team



Palpa Lions Lacoul Eye Hospital Team



Pyuthan District Eye Care Centre Team



Three Day Diabetic Retinopathy Screening Training to DECC and ECC Incharges



Kabilvastu Branch Eye Hospital Team



Butwal Lions Lacoul Eye Hospital Team



Chief Medical Director Encouragement Award to Marchawari ECC



LEIRC stall at Bhairahawa Business Expo 2081



CNNJS - Research ethics workshop



LEIRC team with team -Laxmi Sunrise bank



Dr. Kabindra presenting at APAO 2024



LEIRC ORCB team with Dr. Ken and Dr. GBS Murthi



Modular OT under construction



Waste management center





Nepal Netra Jyoti Sangh
Lumbini Eye Institute & Research Centre
Shree Rana-Ambika Shah Eye Hospital

Rupandehi, Nepal
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