



Nepal Netra Jyoti Sangh  
Hiralal Santudevi Pradhan Institute of Ophthalmic Sciences  
**BHARATPUR EYE HOSPITAL**  
Bharatpur, Chitwan, Nepal



*Care with Compassion & Competence*

# ANNUAL REPORT

## 2022-2023



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**Bagmati Province, Nepal**  
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# Annual Report 2022-23

## Editorial Committee



From Left to Right

Ms. Anju Bista Pandey, Mr. Gopal Bhandari, Mr. Daya Shankar Chaudhary,  
Dr. Ranjeet Kumar Sah, Asst. Prof. Dr. Puspa Giri Shrestha,  
Pro. Dr. Sunu Dulal, Mr. Ramesh Ghimire,



## Nepal Netra Jyoti Sangh Bharatpur, Chitwan, Nepal

### Presidents



Late Chandrabir Gurung  
2043/10/04 - 2049/02/30



Late Shreenarayan Piya  
2049/02/31 - 2054/01/26



Mr. Prem Kumar Shrestha  
2054/01/26 - 2058/01/23



Mr. Prabhat Kumar Joshi  
2058/01/23 - 2062/01/24



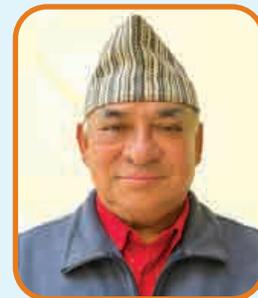
Mr. Bamdev Khanal  
2062/01/25 - 2066/07/14



Mr. Chija Kumar Maskey  
2066/07/15 - 2075/03/30



Mr. Krishna Raj Dharel  
2075/03/31 - 2079/12/30



Mr. Jay Ram Shrestha  
2080/01/01





तमसोमा ज्योतिर्गमय  
नेपाल नेत्रज्योति संघ  
NEPAL NETRA JYOTI SANGH  
(National Society for Comprehensive Eye Care)  
CENTRAL OFFICE



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Ref. No.





## MESSAGE FROM THE CHAIRMAN

Nepal Netra Jyoti Sangh, Central Executive Committee

It gives me immense pleasure to know that Institute is publishing annual report for the Fiscal Year 2022- 2023. Hira Lal Santudevi Pradhan Institute of Ophthalmic Sciences has established itself as a Center of excellence in the eye care sector, and is considered as one of the notable examples of community participation to achieve the noble objective of NNJS in providing high quality and high volume eye care services in affordable form to the rural population. In doing so, the Institute uses multi-pronged approaches as well as developing ophthalmic human resources for delivering quality eye care services in Nepal. The Institute takes pride in a cadre of adequate experienced ophthalmologists and has a good back-up of paramedical and administrative staff. The institute is committed to providing high quality eye care at affordable cost at all levels and places value on evidence-based decision making and findings of research and studies. We are thankful to all INGOs and the concerned stakeholders for their generous support and inputs to NNJS in developing and promoting eye care services in this country. I would like to express thankfulness to pro-active NNJS volunteers and dedicated staff of the institute who have worked for publishing this noble work.

I wish the every success of the Institute and very much look forward to continuing to build on our work together next year.

Thanking You

  
**Prof. Dr. Chet Raj Pant**  
Chairman  
Nepal Netra Jyoti Sangh, Central Executive Committee

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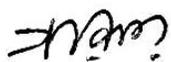
## *Message from*

### **THE PRESIDENT**

**Nepal Netra Jyoti Sangh, Bagmati Province**



It gives me immense pleasure to know that Hiralal Santudevi Pradhan Institute of Ophthalmic Sciences, Bharatpur Eye Hospital is bringing out its annual progress report for the year 2022-23. On behalf of the Nepal Netra Jyoti Sangh-Bagmati Province I would like to personally congratulate the entire team of Bharatpur Eye Hospital for all the progress and achievement done so far. Bharatpur Eye Hospital is one of the major contributor of eye care service in the province. I am pleased to see the growing progress of the hospital. I would like to thank all those who have contributed directly or indirectly for the development of the hospital.



**Rishi Ram Paudel**

President

Nepal Netra Jyoti Sangh

Bagmati Province, Nepal



## *Message from*

### **EXECUTIVE MEMBER**

Central NNJS



It gives me immense pleasure to witness the growth and development of Bharatpur Eye Hospital and it is good to know that all service parameters of the hospital have increased achieved more than ten thousand surgeries this year. I am very excited that we have been able to construct the well-equipped and facilities hospital building for pediatric department, OT and ward. This has been possible with the collective effort form BEH family, NNJS members Chitwan, Bharatpur Metropolitan city, Provincial government, SEVA Foundation and different local donors. I would like thank all those who have contributed directly and indirectly in the growth of the hospital and wish the further progress of the hospital in coming days.

#### **Chija Kumar Maskey**

Executive Member CNNJS  
Member, Hospital Management Committee  
Bharatpur Eye Hospital

## *Message from*

### **IMMEDIATE PAST CHAIRMAN**

**Immediate Past President, NNJS Chitwan**



I am filled with immense pride and gratitude for the journey we have made together. Over the years, our hospital has evolved into a beacon of excellence in eye care services within our province, a testament to the dedication and commitment of our entire team.

I am particularly proud of our hospital's achievements in establishing itself as a center of excellence, not only in clinical activities but also in the realms of continuing medical education, research, and publication. Through our collective efforts, we have contributed valuable insights to the field of ophthalmology and have remained at the forefront of innovation and advancement.

None of this would have been possible without the unwavering support and dedication of each and every individual who has been a part of this journey. To our dedicated staff, esteemed colleagues, benefactors, and supporters, I extend my deepest gratitude for your invaluable contributions and steadfast support throughout my tenure as Chairperson.

As I pass the torch to the incoming Chairperson and Hospital Management Team, I am filled with confidence and optimism for the future of Bharatpur Eye Hospital. I have every faith that under your capable leadership, our hospital will continue to thrive, innovate, and serve as a beacon of hope and healing for countless individuals in need.

In closing, I would like to express my sincere appreciation to each and every one of you for your unwavering dedication, passion, and support. It has been an honor and privilege to serve as Chairperson of Bharatpur Eye Hospital, and I am deeply grateful for the opportunity to have been a part of this incredible journey.

With warmest regards and heartfelt gratitude,



**Krishna Raj Dharel**

Immediate Past President, NNJS, Chitwan  
Immediate Past Chairman, BEH



## *Message from*

### **THE CHAIRMAN**

President, NNJS, Chitwan



I am pleased to know that Hiralal Santudevi Pradhan Institute of Ophthalmic Sciences Bharatpur Eye Hospital is bringing out the annual progress report of the year 2022-23.

This year we have been able to provide OPD service to 2,39,895 and surgeries to 10,425 patients. In addition to patient care Bharatpur Eye Hospital as an institute is contributing in producing all levels of eye care human resources to tackle the growing burden of visual problem in the region and the country as a whole. We have started providing services from the newly constructed building which is well equipped and with good facility. The building is currently used for Pediatric OPD, Surgical department with high tech modular OTs and ward. This is the great achievement in the history of Bharatpur Eye Hospital This has only been possible because of the hard working and dedicated staff members, guidance and support from the NNJS members and different stakeholders and donors.

**Jay Ram Shrestha**

President  
Nepal Netra Jyoti Sangh, Chitwan  
Chairman,  
Bharatpur Eye Hospital

## Message from

### THE ACADEMIC CHIEF



Dear Esteemed Colleagues, Friends and Supporters,

As we embark on the journey of recounting another remarkable year at our teaching eye hospital, my heart swells with gratitude and pride. It is my privilege to welcome you all to the annual report, a testament to the unwavering dedication and tireless efforts of our extraordinary team.

We feel very proud and honoured to mention here that we have been able to follow the right track to provide one of the best quality services to our valued patients and beloved students.

The hospital's recent achievement of obtaining the ISO certificate stands as a testament to the high standard of care we consistently provide.

The comprehensive services provided by the Community Outreach Department stand as a unique example of our commitment to delivering eye care services to targeted communities. Moreover, the successful completion of training for the second batch of 'Outreach Program Coordinators' is playing a pivotal role in enhancing nationwide outreach eye care services.

The academic and clinical performances of our residents and fellows have consistently excelled. Furthermore, the completion of ongoing research activities, along with the publication of scientific articles and the organization of Continuing Medical Education (CME) programs, speaks volumes about the remarkable achievements and progress of the institute.

We extend our heartfelt gratitude to our valued patients, who have placed their trust in us for quality service, students who have chosen us for their academic journey, and our well-wishers and donors for their unwavering support. Without your trust and support, achieving our goals would not have been possible.

**Prof. Dr. Sunu Dulal**

Academic Chief  
Community Ophthalmologist  
Bharatpur Eye Hospital



## *Message from*

### **CHIEF MEDICAL DIRECTOR (Outgoing)**



It is with immense joy and gratitude that I reflect on the remarkable achievements of Bharatpur Eye Hospital over the past year. Despite the challenges presented by the COVID-19 pandemic, we have persevered, overcome obstacles, and emerged stronger than ever.

I am thrilled to share that we have successfully returned our hospital activities to normalcy, a feat made possible by the unwavering dedication and tireless efforts of our hospital management, dedicated staff, esteemed colleagues, and, above all, our patients. Your resilience, commitment, and unwavering support have been the driving force behind our accomplishments.

In particular, I am delighted to announce that we have not only met but exceeded most of our targets for the year. Our community outreach activities, vital to extending eye care services to those in need, have been restored to normal levels, allowing us to fulfil our mission of reaching and serving every corner of our community.

None of this would have been possible without the collective efforts of each and every member of our team. Your dedication, professionalism, and passion for our shared mission have been truly inspiring, and I am immensely proud to have had the opportunity to work alongside such exceptional individuals.

In closing, I would like to express my deepest gratitude to each of you for your unwavering support, hard work, and dedication throughout this journey. Together, we have accomplished great things, and I am confident that the best is yet to come for Bharatpur Eye Hospital.

With warmest regards and sincere appreciation,

**Assoc. Prof. Dr. Sangita Sharma Bhandari**  
Chief Medical Director (Outgoing)  
Bharatpur Eye Hospital

## Message from

### CHIEF MEDICAL DIRECTOR (Incoming)



I'm delighted to share the remarkable achievements of Bharatpur Eye Hospital over the past year and maintain the legacy paved by my predecessors. I congratulate to outgoing CMD, Dr Sangita Didi for her great contribution for the significant progress and positive impact on the hospital services leading BEH to acquire ISO certified.

We've continued to provide exceptional care to our patients, restoring vision and improving well-being through compassionate service and state-of-the-art facilities. Our dedication to education and training has nurtured a new generation of eye care professionals, while our research initiatives have contributed valuable insights to the field.

None of this would have been possible without the support of our patients, staff, donors, and community. Your trust and contributions have been instrumental in our success.

As we look to the future, we remain committed to our mission of providing accessible, high-quality eye care to all. With your continued support, Bharatpur Eye Hospital will continue to thrive and make a meaningful difference in the lives of individuals and communities.

Thank you for your ongoing commitment to our shared vision.

Warm regards,



**Asst. Prof. Dr. Puspa Giri**  
Act. Chief Medical Director  
Bharatpur Eye Hospital



## *Foreword from*

### **SR. HOSPITAL ADMINISTRATOR**



It is with great pleasure and pride that I present to you the Annual Report for FY 2022.23 for our esteemed hospital. This year's publication encapsulates our ongoing commitment to excellence in the provision of eye care services and marks another milestone in our journey towards becoming the ultimate destination for eye care.

Our vision is clear: to cultivate an environment where patients receive comprehensive care, where education thrives, where communities are empowered, and where research drives innovation. This vision guides us as we strive for continuous improvement, embracing change, and reinforcing our systems to better serve those who entrust us with their sight.

Central to our success is the collaborative effort of our dedicated team comprising 180 staff members, including skilled ophthalmologists, compassionate nurses, diligent administrative staff, and various other professionals. It is through their unwavering commitment and teamwork that we are able to deliver exceptional care and support to our patients.

As we move forward, we remain steadfast in our pursuit of excellence. We are already implementing a range of initiatives in partnership with our eye care program, and we are poised to launch new improvement and sustainability programs to ensure that our services remain responsive to the evolving needs of our community.

I extend my heartfelt gratitude to our esteemed board members for their unwavering support and guidance. I also express my sincere appreciation to our dedicated staff for their tireless efforts and outstanding care, which significantly contributes to our patients' experiences.

Furthermore, I extend my gratitude to our patients, community members, stakeholders, partners, national and international agencies, and well-wishers for their invaluable contributions and continuous support. It is through our collective efforts and shared vision that we can truly make a difference in the lives of those we serve.

Finally, I extend my appreciation to all those who have contributed directly and indirectly to the compilation of this annual report. Your contributions are instrumental in documenting our achievements and shaping our future endeavors.

Thank you for your unwavering dedication and commitment to our hospital's mission. Together, we will continue to strive for excellence and make meaningful impacts in the field of eye care.

Warm regards,

**Daya Shankar Chaudhary**  
Senior Hospital Administrator  
Bharatpur Eye Hospital

## LIST OF ABBREVIATION

A.D.	Anno Domini
AF	Adult Female
AM	Adult Male
AMD	Age-Related Macular Degeneration
BEH	Bharatpur Eye Hospital
BCCI	Bank of Credit & Commerce of International
B.S.	Bikram Sambat
CBH	Chij Kumari Bishnu Kumari OPD Services
CTEVT	Council of Technical Education of Vocational Training
CF	Child Female
CM	Child Male
DST	Diagnostic Screening Test
DCR	Dacro Cysto Rhinostomy
DR	Diabetic Retinopathy
DST	Diagnostic Screening & Treatment
ECC	Eye Care Center
FCHV	Female Community Health Volunteers
FDT	Frequency Doubling Technology
FFA	Fundus Fluorescein Angiography
FY	Fiscal Year
IP	In-Patient
INGOs	International Non- Government Organizations
LAICO	Lions Aravind Institute of Community Ophthalmology
LCIF	Lions Clubs International Foundation
KMMEH	King Mahendra Memorial Eye Hospital
MD	Doctor of Medicine.
NAMS	National Academy of Medical Sciences
NGOs	Non-Government Organization
NNJS	Nepal Netra Jyoti Sangh
OPD	Out Patient Department
OCT	Optical Coherence Tomography
OT	Operation Theater
SEVA	SEVA Foundation, USA/SEVA Canada Society, Canada
SICS	Small Incision Cataract Surgery
UCSF	University of California San Francisco
USA	United States of America
USAID	United States Agency for International Development
USG	Ultrasonogram
VDC	Village Development Committee
VIEW	Village Integrated Eye Worker Trail



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# **Bharatpur Eye Hospital**

## **Annual Report 2022-23**

### **Background of the Hospital**

**B**haratpur Eye Hospital; BEH (Hiralal Santudevi Pradhan Institute of Ophthalmic Sciences) is located in the Chitwan District of southern central Nepal. BEH is a non-profit making, charitable organization under the umbrella of Nepal Netra Jyoti Sangh (NNJS). Its objective is to provide high-quality comprehensive eye care services at an affordable cost to local as well as patients from neighboring districts like Gorkha, Lamjung, Nawalpur, Tanahau, Makwanpur, Parsa & Dhading which comprises of about two million populations. In addition to Base Hospital located at Bharatpur Metro Municipality, BEH has established 3 Secondary Level Eye Hospitals and 18 Eye Care Centers at different places in its catchment area.

Bharatpur Eye Hospital was established in 1987. The hospital building was constructed with financial and technical support from the Bank of Commerce and Credits International (BCCI) Foundation Pakistan. The hospital was inaugurated jointly by the Late King Birendra Bir Bikram Shah Dev and the President of Pakistan, Ghulam Ishaq Khan on 31 March 1988. This was the only one eye hospital named after king, which was changed after Nepal attained Republic in 2008. BEH has an academic wing known as Hiralal Santudevi Pradhan Institute of Ophthalmology and is conducting residency in ophthalmology and fellowship programs in vitreo-retina and SICS in affiliation with the National Academy of Medical Sciences (NAMS). Similarly, it is conducting academic programs like Bachelor in Optometry (B Optom) under NAMS and Certificate Level in Ophthalmic Science under CTEVT Program.



## Historical Moments



During Inauguration, 1988 A.D.



In Initial Stage: His Majesty Mahendra Memorial Eye Hospital



First Eye Donation Campaign



During Hospital Inauguration, 1988 A.D.



Eye Donation Campaign



Observation Visit made by Royal Family



General Assembly of Central NNJS



## Hiralal Santudevi Pradhan Institute of Ophthalmic Sciences

### BHARATPUR EYE HOSPITAL NETWORKS DETAILS

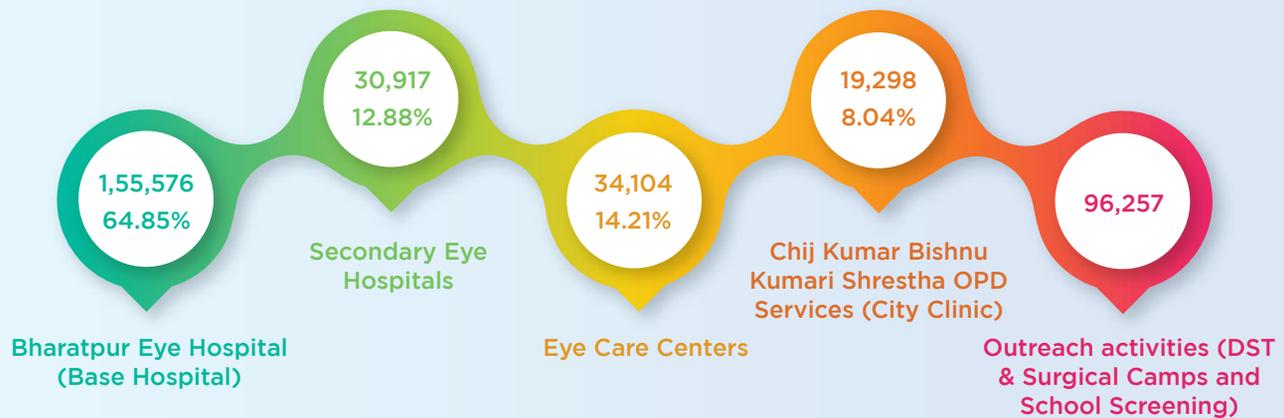
S.N.	Name of Secondary Eye Hospital and Eye Care Centers	Location	Date of Establishment
1.	Bharatpur Eye Hospital, Thori	Parsa	2072 (2015)
2.	Bharatpur Eye Hospital, Kawasoti	Nawalpur	2061 (2004)
3.	Bharatpur Eye Hospital, Simrongard	Bara	2073 (2016)
4.	Chij Kumar Bishnu Kumari Shrestha OPD Services (City Clinic) Bharatpur	Chitwan	2067 (2010)
5.	Eye Care Center, Parsa, Khairani	Chitwan	2065 (2008)
6.	Eye Care Center, Madi	Chitwan	2068 (2011)
7.	Eye Care Center, Tandī	Chitwan	2072 (2015)
8.	Narshingdham Eye Care Center, Salyantar	Dhading	2071 (2014)
9.	Eye Care Center, Chaunali	Chitwan	2072 (2015)
10.	Eye Care Center, Kurintar	Chitwan	2077 (2021)
11.	Eye Care Center, Dudhali	Sindhuli	2077 (2021)
12.	Eye Care Center, Hupsekot	Nawalpur	2078 (2021)
13.	Eye Care Center, Madhyabindu	Nawalpur	2078 (2021)
14.	Bhardakali Kandel Eye Care Center, Benighat	Dhading	2078 (2021)
15.	Eye Care Center, Ishworpur	Sarlahi	2079 (2023)
16.	Eye Care Center, Rapti, Bhandara	Chitwan	2079 (2023)
17.	Eye Care Center, Aabukhairahani	Tanahun	2080 (2023)



## Performance of Hospital in year 2022-23

### OPD Performance

A total of **2,39,895** patients received eye care services from Bharatpur Eye Hospital (base hospital) and its networks that include secondary eye hospitals and eye care centers. Additional **96,257** patients were served through various outreach activities being conducted by Bharatpur Eye Hospital.



### Surgical Performance

A total of **10,425** ocular surgeries of various categories were performed in the year 2022-23 at Bharatpur Eye Hospital and its Secondary Hospitals. Out of the total surgeries **9,197** (88.22%) were sight restoring cataract surgeries, including those performed through various DST and surgical camps.

Majority of the cataract surgeries performed in the hospital were phaco surgeries. **3,412** (32.73%) cataract surgeries were performed through various DST and surgical camps. Only 1,228 (11.78%) surgeries were other than cataract surgeries.

Categories		Number of Surgeries	Percentage
Cataract surgeries	Base Hospital	4,519	43.35
	BEH Outreach	3,412	32.73
	BEH- Secondary Hospitals	1,266	12.14
Retina		120	1.15
Cornea		505	4.84
Glaucoma		80	0.77
Oculoplasty		380	3.65
Pediatric		118	1.13
Others		25	0.24
<b>Total</b>		<b>10,425</b>	



## OUR MISSION

Providing high quality eye care to prevent unnecessary blindness.



## OUR VISION

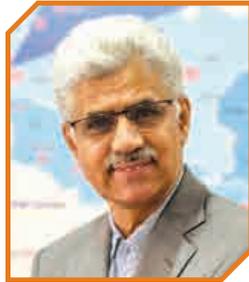
Ultimate Destination for Eye Care

## OUR VALUES

1. No one should be denied eye care for economic reason.
2. Competent and compassionate team.
3. Strive for continued improvement in all aspects of patient care.
4. Transparency in function.



## Doctors at BEH



**Prof. Dr. Sunu Dulal**  
Academic Chief  
Community Ophthalmologist



**Assoc. Pro. Dr. Sangita Sharma Bhandari**  
Vitreo-Retina Surgeon



**Asst. Prof. Dr. Puspa Giri Shrestha**  
Cornea Surgeon



**Dr. Maria Gautam**  
Oculoplasty Surgeon



**Dr. Ranjeet Kumar Sah**  
Glucoma Surgeon



**Dr. Manisha Shrestha**  
Pediatric Ophthalmologist



**Dr. Raja Husain Mansuri**  
Oculoplasty Surgeon



**Dr. Kumudini Subedi**  
Vitreo-Retina Surgeon



**Dr. Chandra Bahadur Shrestha**  
Ophthalmologist



**Dr. Ankur Ghimire**  
Anesthesiologist



## Specialty Services at BEH

### Retina Department

The vitreo-retinal department of Bharatpur Eye Hospital was established in 2012 by Prof. Dr. Raghunanadan Byanju who is still the guardian for the progress of the department even after his retirement in 2021. The vitreoretinal department is combined with the Uveitis and ocular inflammation department and is jointly called the department of uveitis and vitreoretinal services. We have 2 consultants in the department who are trained in both departments, uveitis and vitreoretinal surgery. All standard equipment for patient care are available in the department as well as adequate training facilities.

The department has till date trained 6 fellows in vitreo-retinal surgery and has all hands-on training resources including teaching scopes in both the OPD as well as surgical microscope. It has facilities for green laser photocoagulation with additional facility of indirect laser Ophthalmoscopy. Also, the department of investigative ophthalmology includes a swept source OCT with OCT angiography along with fundus photography, Fundus Fluorescein Angiography (FFA) and high resolution ultrasound B-scan to support diagnosis and research in the department.



### Vitreo-Retina Procedures

SN	Procedure	Number
1	General OPD- paying only	5627
2	LASER (paying only)	648
	a) Sectoral	104
	b) Barrage	74
	c) Focal	32
	d) PRP & fill in PRP	428
	e) YAG hyaloidotomy	10
3	Injection Avastin	507
4	Vitreo-retinal surgery	120
	Scleral buckling	6
	Buckle with vitrectomy	6
	Simple vitrectomy	54
	Complicated vitrectomy	38
	SFIOL	13

### Glaucoma Department

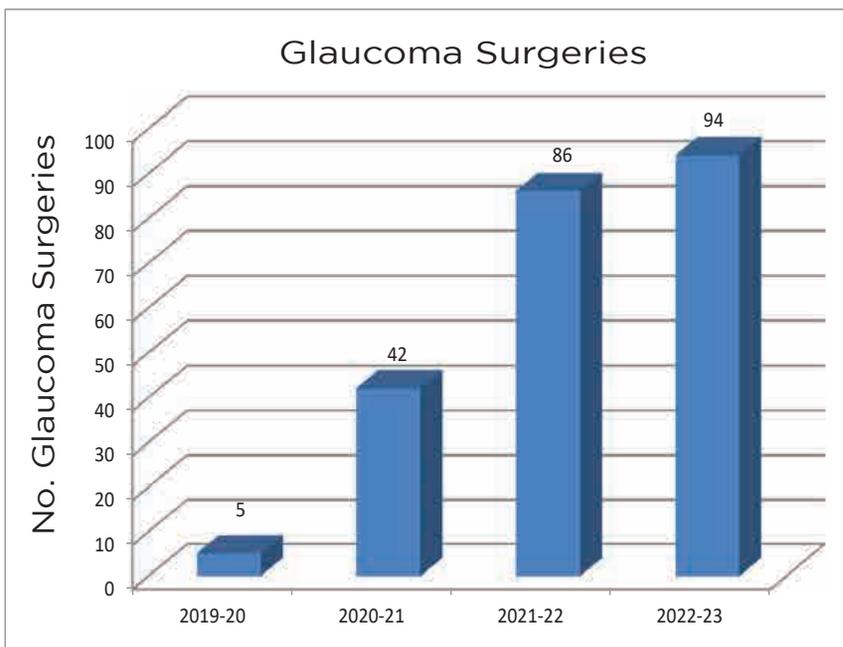
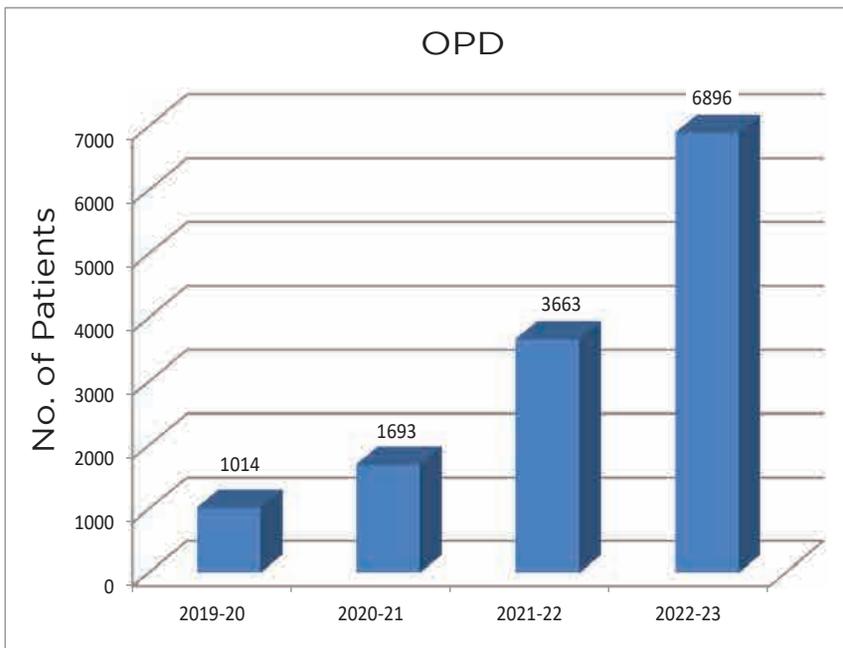
The Glaucoma Clinic remains committed to delivering the highest standard of eye care, research, and education, in line with our mission to preserve sight and improve the quality of life for our patients.

The Glaucoma Clinic at Bharatpur Eye Hospital continues to be a leading center for the management and treatment of glaucoma. Our team of highly skilled glaucoma





consultant, glaucoma fellow, residents, optometrists, perimetrist, ophthalmic assistants, and support staff work collaboratively to provide comprehensive and personalized care to patients of all ages. Department of Glaucoma is fully equipped with state-of-the-art diagnostic tools to diagnose and monitor glaucoma disease. During the reporting year, the clinic has grown both in patient volume and reputation.



### Patient Care:

- Total Number of Glaucoma Patients Treated: **6898**
  - » Adult male: **3172**
  - » Adult female: **3645**
  - » Child male: **61**
  - » Child female: **20**
- Surgeries Conducted: **94**
- Types of Surgeries:
  - » Trabeculectomy: **14**
  - » Phaco + Trabeculectomy: **74**
  - » Cyclocryotherapy: **2**
  - » Revision surgery: **4**
- Glaucoma lasers conducted: **699**
- Types of lasers:
  - » Laser peripheral iridotomy (LPI): **651**
  - » Laser suture-lysis (LSL): **44**
  - » Argon laser-assisted LPI: **4**

### Glaucoma Investigations:

- Visual field test: 1950
- Disc photo: 285
- Disc OCT: 1975
- Hood reporting test (OCT): 15
- AS-OCT: 5
- CCT: 2928

## Pediatric Department

**Pediatric Department** was started as a separate department (0-16 years) on 2014, and it has come a long way in a decade. It started with 2 optometrist, now it has expanded its wings and proudly has its own Pediatric Ophthalmologist, an orthoptist, an Orthoptic trainee.

This department not only caters to the pediatric population (0-16 years), but is also taking care of the people with strabismus, and neuroophthalmological issues. Thus, from one department it has grown its subdivisions as Pediatric OPD, Strabismus and Neuro-ophthalmology clinic and Orthoptic clinic. We are here to serve the most challenging and rewarding population (Children, who are our future). In near future the department is going to add Vision Therapy Clinic.

### Performance 2022-23

S.N	Particulars	Year 2021.2022	Year 2022.2023
1.	OPD	15976	17574
2.	Surgeries	95	105
3.	Training Activities	1 Orthoptist (1 year)	Short Term Orthoptic Training (1 month)-2
4.	Continue Medical Education (CME)	1	1





## Cornea Department

Cornea department is one of the well-established subspecialty department at Bharatpur Eye Hospital. Since corneal diseases is one of the major cause of blindness in developing countries, BEH cornea department has been providing services not only to the people in Chitwan, but also the its neighboring districts. The department is equipped with major investigative instruments for diagnosis and treatment of ocular diseases. There is also dry eye clinic within this department, providing dry eye therapy for the patients. In the year 2022-23, a total of 517 patient underwent investigations for dry eye and therapy for dry eye was done for 645 patients. The cornea collection center and the facility of cornea transplant has been started since 2017. In the year 2022-23, 2380 patients were treated at the department and a total of 505 cornea related surgeries were performed. Pterygium with graft is the major surgery performed followed by major and minor corneal repair procedures.

Number of OPD patients	2,380
Number of Corneal surgeries	505
Number of Dry eye therapy	645



## Oculoplasty Department

Oculoplasty is one of the subspecialties at BEH, dealing with the diagnosis and management of disorders involving the structures of the orbit, eyelids, tear ducts and adnexa. The Oculoplasty service is being provided by two Oculoplasty surgeons. Chalazion, Entropion correction and DCR are the common surgeries done. In this year 402 Surgeries were performed.

Type of Surgery	Number
Chalazion Excision	96
Entropion correction	52
DCR/DCT surgery	56
Conjunctival cyst/moll removal	63
Granuloma/mass excision	17
Ptosis correction	13
Enucleation/Evisceration	18
Lid repair	39
Lid mass excision	13
Others	35

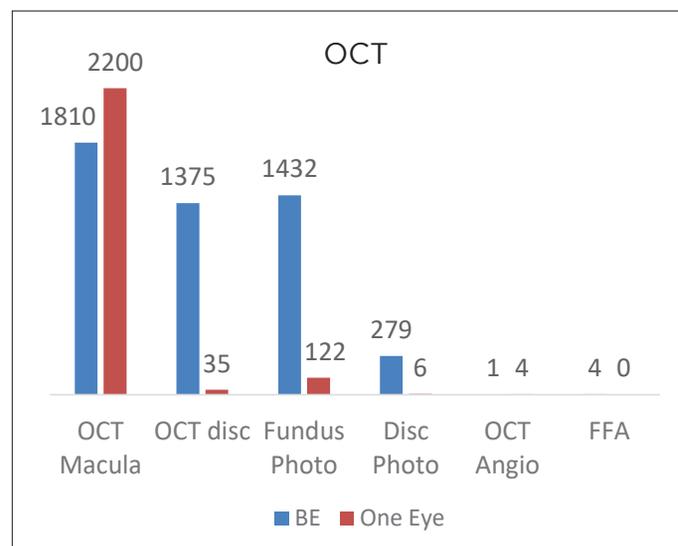


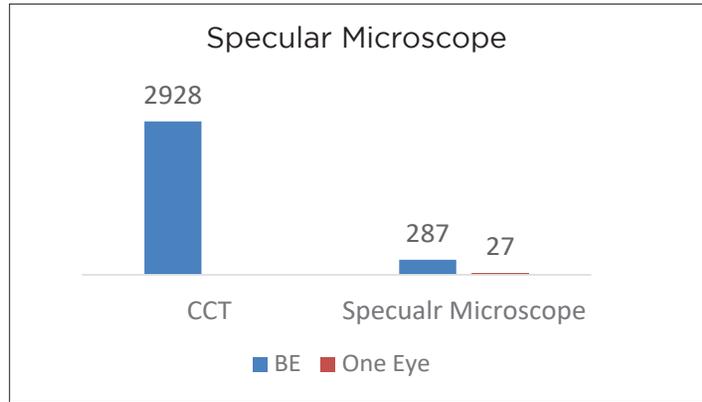
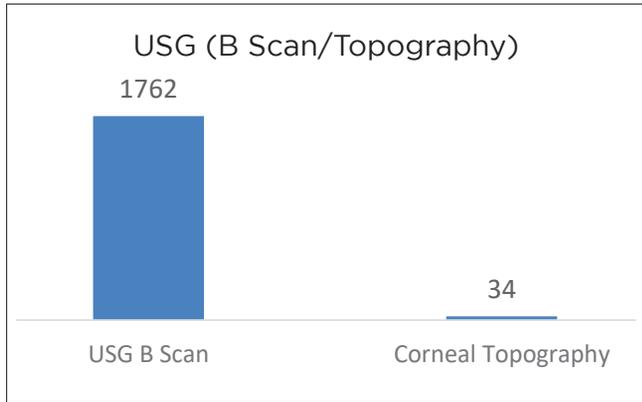


## Investigation & Ocular Imaging Department

The investigative department is well equipped with almost all necessary investigative instruments for investigating different ocular conditions required for proper diagnosis and management of ocular pathology. Currently we have OCT, Fundus Camera, Corneal topography, Specular microscope, B-scan, A-scan, Keratometer, Anterior segment photography, Pachymetry etc.

Use Diagnostic Screening	Number
OCT Macula (BE)	1810
OCT Disc (BE)	1375
Disc Photo (BE)	279
Fundus Photo (BE)	1432
OCT Macula One Eye	2200
OCT Glaucoma One Eye	35
Fundus Photo One Eye	122
Disc Photo One Eye	6
OCT Angiography (BE)	1
OCT Angiography One Eye	4
FFA (BE)	4
Corneal Topography (BE)	34
Specular Microscope (BE)	287
Specular Microscope (one eye)	27
CCT (Central Corneal Thickness)	2928
B Scan (BE) (Ultrasonography)	1762





## Low Vision Department

The low vision clinic is equipped with common low vision devices like monocular telescope, binocular telescope, spectacle magnifiers, and hand-held magnifiers, stand magnifiers, filters and non-optical devices. Low vision clinic has helped many patients to see better and use the residual vision to perform must needed daily activities. A total of 25 patients were provided low vision services in this year.





## Contact Lens Clinic

Contact Lens are thin lenses placed directly on the surface of the eyes for refractive correction, cosmetic and therapeutic purpose. There are variety of contact lenses available based on its primary function, material, wearing and replacement schedule. Vision problems are pretty common in Nepal and people need some kind of vision correction device. Increasingly more people are turning to contact lens vision correction whether it is due to lifestyle or cosmetic reason.

In our hospital we provide services for the patient who wants Contact Lens for refractive correction, Keratoconous patient, patient having corneal problem with various lenses like power contact lens, disposable lenses, RGP lens, Bandage lens, and Toric contact lens.

A total of 118 patients took the contact lens service from the clinic in this year. The majority of the patients were prescribed soft contact lenses.

Soft contact lens	55
Bandage Contact lens	52
Prosthetic contact lens	7
Soft toric contact lens	1
RGP lens	3



## Laboratory Services

Bharatpur Eye Hospital has a well-equipped and facilitated laboratory services for the patients requiring ocular surgeries to rule out any systemic association. Almost majority of all required laboratory investigations including culture and sensitivity are performed.

Investigation Type	Number of Tests
Blood Glucose	8,549
CBC	5,850
HSBAG	6610
HCV	6611
HIV I/II	6608
Mantoux Test	188
RA Factor	181
VDRL	183
Urine RE/ME	5823
Others	171





## Outreach Eye Care Activities & Performance

Community outreach activities are the major activities of the hospital being conducted all the year round. In this year a total of 150 DST camps, 19 Surgical Camps, 11 DR camps, 136 school screening, 4 color vision test camps and 1 work place camp were performed. A total of 96,257 patients took their service through these outreach activities. 3,412 sight restoring cataract surgeries were performed through DST and Surgical camps, contributing to 37% of total cataract surgeries performed this year.

### Performance of 2022-23 & Annual Plan for 2023-24

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of DST Camp	178	150	74	41.57	150
Number of OP at DST Camp	32633	22500	26737	81.93	22500
Number of Surgery Performed at DST Camp	1371	2250	463	33.77	2250
Number of Surgical Camp	24	20	19	79.17	20
Number of OP at Surgical Camp	12550	20000	15543	123.85	20000
Number of Surgery Performed at Surgical Camp	3478	2000	2949	84.79	3000
Number of DR Screening Camp	4	12	11	275.00	24
Number of OP at DR Screening Camp	225	600	573	254.67	1200
Number of Workplace Camp	1	2	1	100.00	2
Number of OP at Workplace Camp	71	1500	216	304.23	1500
Number of Color Vision Test Camp	1	2	4	400.00	20
Number of OP at Vision Test Camp	71	400	346	487.32	1000
Number of School Covered	78	150	136	174.36	190
Number of Students Screened	41102	37500	53342	129.78	38000
Number of Free Glass Distributed	1360	1500	1278	93.97	1900
Number of FCHVs Trained	306	400	334	109.15	400
Number of School Teachers Trained	170	350	249	146.47	100
Number of Opinion Leaders Trained					300





## Performance of Secondary Hospitals & Eye Care Centers

There are three secondary eye hospitals in different places run under Bharatpur Eye Hospital. In addition to the OPD services surgical facilities are provided at the secondary hospitals. Different outreach activities like DST camps, Surgical camps, School screening and eye health education trainings and awareness are also done through these hospitals.

### Bharatpur Eye Hospital Thori Parsa

#### Performance 2022-23 & Annual Plan for 2023-024

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	8523	10000	13092	153.61	15000
Number of Performed Cataract Surgery Paying	448	2000	727	162.28	1200
Number of Performed Other Surgery Paying	48	100	79	164.58	100
Number of Glass Advised	1918	3500	3255	169.71	3500
Number of Glass Accepted	1331	2400	1960	147.26	2300
Number of DST Camp	5	10	6	120.00	10
Number of OP at DST Camp	695	1500	1257	180.86	1500
Number of Surgery at DST Camp Free or subcidy	351	300	33	9.40	200
			Number of School Covered		20
			Number of Students Screened		4000
			Number of Free Glass Distributed		200
			Number of DR Camp		2
			Number of DR Camp OP		100
			Number of Color Vision Test Camp		2
			Number of Color Vision Test Camp OP		100





## Bharatpur Eye Hospital, Kawasoti, Nawalpur

### Performance 2022-23 & Annual Plan for 2023-024

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	9014	12000	11639	129.12	12000
Number of Performed Cataract Surgery Paying	222	576	238	107.21	600
Number of Performed Other Surgery Paying	70	100	34	48.57	100
Number of Glass Advised	3668	4200	5325	145.17	5500
Number of Glass Accepted	3048	3360	3774	123.82	4000
Number of DST Camp	25	20	2	8.00	20
Number of OP at DST Camp	4150	4000	400	9.64	3000
Number of Surgery at DST Camp Free Or Subcidy	281	400	27	9.61	300
Number of School Coved	1	20	16	1600.00	20
Number of Students Screened	1344	6000	9105	677.46	4000
Number of Free Glass Distributed	11	400	165	1500.00	200
			Number of DR Camp		2
			Number of DR Camp OP		100
			Number of Color Vision Test Camp		2
			Number of Color Vision Test Camp OP		100



## Bharatpur Eye Hospital, Simrongard, Bara

### Performance 2022-23 & Annual Plan for 2023-024

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	6690	10000	6186	92.47	10000
Number of Performed Cataract Surgery Paying	130	2000	114	87.69	1200
Number of Performed Other Surgery Paying	31	1500	18	58.06	100
Number of Glass Advised	2230	3500	2053	92.06	3500
Number of Glass Accepted	1482	2400	1504	101.48	2400
Number of DST Camp	22	30	6	27.27	30
Number of OP at DST Camp	3674	6000	1035	28.17	4500
Number of Surgery at DST Camp Free or subcidy	678	1200	130	19.17	450
Number of School Coved	0	40	7		20
Number of Students Screened	0	8000	2368		4000
Number of Free Glass Distributed	0	300	80		200
			Number of DR Camp		2
			Number of DR Camp OP		100
			Number of Color Vision Test Camp		2
			Number of Color Vision Test Camp OP		100





## Chij Kumar Bishnu Kumari Shrestha OPD Services (City Clinic)

### Bharatpur Height, Chitwan

#### Performance 2022-23 & Annual Plan for 2023-024

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Target 23-24
Number of Out Patients	19108	30000	19298	30000
Number of refer to Cataract Surgery	654	750	814	750
Number of refer to Other Surgery		300		300
Number of Refer other Cases	1660	1500	1214	300
Number of Glass Advised	7480	9450	8718	9450
Number of Glass Accepted	6110	7560	6946	7560



## Eye Care Centers

Bharatpur Eye Hospital Chitwan

### Eye Care Center, Parsa, Chitwan

#### Previous Years Performance & Annual Plan for 2023-024

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	6645	9000	7293	109.75	8500
Number of Refer for Cataract Surgery	90	450	101	112.22	212
Number of Refer for Other Surgery	27	225	28	103.70	85
Number of Glass Advised	1831	3150	1949	106.44	3000
Number of Glass Accepted	1514	2520	1689	111.56	2000
			Number of DST Camp		4
			Number of OP at DST Camp		600
			Number of Surgery at DST Camp		80
			Number of School Coved		10
			Number of Students Screened		2000
			Number of Free Glass Distributed		100
			Number of DR Camp		2
			Number of DR Camp OP		100
			Number of Color Vision Test Camp		1
			Number of Color Vision Test Camp OP		50



New Building Under Construction of Eye Care Center, Parsa with ECC Management Authorities



## Bharatpur Eye Hospital Chitwan

### Eye Care Center, Madi, Chitwan

#### Previous Years Performance & Annual Plan for 2023-024

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	3414	6000	4289	125.63	4800
Number of Refer for Cataract Surgery	187	300	95	50.80	120
Number of Refer for Other Surgery	26	150	67	257.69	48
Number of Glass Advised	1090	2100	1033	94.77	1680
Number of Glass Accepted	733	1680	754	102.86	1350
Number of Surgical Camp	1	1	1	100.00	2
Number of OP at Surgical Camp	1432	1500	1133	79.12	2000
Number of Surgery at Surgical Camp	135	150	218	161.48	250
Number of School Coved	13	20	0	0.00	10
Number of Students Screened	3200	6000	0	0.00	2000
Number of Free Glass Distributed	105	240	0	0.00	100
Number of DR Camp	1	2	2	200.00	2
Number of DR Camp OP	63	100	122	193.65	100
Number of Color Vision Test Camp	0	2	1		1
Number of Color Vision Test Camp OP	0	100	45		50



## Bharatpur Eye Hospital Chitwan

### Narshingdham Eye Care Center, Salyantar, Dhading

#### Previous Years Performance & Annual Plan for 2023-024

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	3038	6000	3215	105.83	3600
Number of Refer for Cataract Surgery	60	300	65	108.33	90
Number of Refer for Other Surgery	2	150	2	100.00	36
Number of Glass Advised	1174	2100	1274	108.52	1400
Number of Glass Accepted	1006	1680	1041	103.48	1200
Number of Surgical Camp	1	2	1	100.00	2
Number of OP at Surgical Camp	1134	2000	801	70.63	2000
Number of Surgery at Surgical Camp	95	200	127	133.68	250
Number of School Coved	17	20	0	0.00	10
Number of Students Screened	6927	6000	0	0.00	2000
Number of Free Glass Distributed	204	240	0	0.00	100
Number of DR Camp	0	2	1		1
Number of DR Camp OP	0	100	48		50
Number of Color Vision Test Camp					1
Number of Color Vision Test Camp OP					50





## Bharatpur Eye Hospital Chitwan

### Eye Care Center, Chanauli, Chitwan

#### Previous Years Performance & Annual Plan for 2023-024

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	2647	4500	2881	108.84	3200
Number of Refer for Cataract Surgery	98	225	45	45.92	80
Number of Refer for Other Surgery	40	113	13	32.50	32
Number of Glass Advised	806	2100	900	111.66	1120
Number of Glass Accepted	733	1260	780	106.41	900
			Number of DST Camp		4
			Number of OP at DST Camp		600
			Number of Surgery at DST Camp		60
			Number of School Coved		10
			Number of Students Screened		2000
			Number of Free Glass Distributed		100
			Number of DR Camp		2
			Number of DR Camp OP		100
			Number of Color Vision Test Camp		1
			Number of Color Vision Test Camp OP		50



Bharatpur Eye Hospital Chitwan

**Eye Care Center, Ratnanagar, Chitwan**

**Previous Years Performance & Annual Plan for 2023-024**

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	4956	6000	7394	149.19	8150
Number of Refer for Cataract Surgery	36	300	96	266.67	200
Number of Refer for Other Surgery	7	150	13	185.71	81
Number of Glass Advised	1061	2100	2115	199.34	2550
Number of Glass Accepted	948	1600	1744	183.97	2040
			Number of DST Camp		4
			Number of OP at DST Camp		600
			Number of Surgery at DST Camp		60
			Number of School Coved		10
			Number of Students Screened		2000
			Number of Free Glass Distributed		100
			Number of DR Camp		2
			Number of DR Camp OP		100
			Number of Color Vision Test Camp		1
			Number of Color Vision Test Camp OP		50





## Bharatpur Eye Hospital Chitwan

### Eye Care Center, Kurintar, Chitwan

#### Previous Years Performance & Annual Plan for 2023-024

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	1495	3000	1795	120.07	2400
Number of Refer for Cataract Surgery	54	150	22	40.74	60
Number of Refer for Other Surgery	11	75	2	18.18	60
Number of Glass Advised	543	1050	496	91.34	840
Number of Glass Accepted	512	840	483	94.34	672
			Number of DST Camp		4
			Number of OP at DST Camp		600
			Number of Surgery at DST Camp		60
			Number of School Coved		10
			Number of Students Screened		2000
			Number of Free Glass Distributed		100
			Number of DR Camp		2
			Number of DR Camp OP		100
			Number of Color Vision Test Camp		1
			Number of Color Vision Test Camp OP		50



Bharatpur Eye Hospital Chitwan

**Eye Care Center, Dudhuli, Sindhuli**

**Previous Years Performance & Annual Plan for 2023-024**

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	1167	3000	1788	153.21	2400
Number of Performed Cataract Surgery	75	150	125	166.67	60
Number of Performed Other Surgery	1	75	0	0.00	60
Number of Glass Advised	305	1050	397	130.16	840
Number of Glass Accepted	267	840	287	107.49	672
Number of Surgical Camp	1	1	0	0.00	1
Number of OP at Surgical Camp	1472	1500	0	0.00	1500
Number of Surgery at Surgical Camp	111	150	0	0.00	150
Number of School Coved	0	20	11		10
Number of Students Screened	0	4000	6230		2000
Number of Free Glass Distributed	0	160	200		100
			Number of DR Camp		1
			Number of DR Camp OP		50
			Number of Color Vision Test Camp		1
			Number of Color Vision Test Camp OP		50





## Bharatpur Eye Hospital Chitwan

### Eye Care Center, Madhyabindu, Chormara, Nawalpur

#### Previous Years Performance & Annual Plan for 2023-024

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	1135	3000	1897	167.14	2400
Number of Performed Cataract Surgery	44	150	38	86.36	60
Number of Performed Other Surgery	12	75	21	175.00	60
Number of Glass Advised	473	1050	790	167.02	840
Number of Glass Accepted	423	840	734	173.52	672
			Number of DST Camp		4
			Number of OP at DST Camp		600
			Number of Surgery at DST Camp		60
			Number of School Coved		10
			Number of Students Screened		2000
			Number of Free Glass Distributed		100
			Number of DR Camp		1
			Number of DR Camp OP		50
			Number of Color Vision Test Camp		1
			Number of Color Vision Test Camp OP		50



## Bharatpur Eye Hospital Chitwan

### Eye Care Center, Hupsekot, Nawalpur

#### Previous Years Performance & Annual Plan for 2023-024

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	603	3000	825	136.82	2400
Number of Performed Cataract Surgery	51	150	11	21.57	60
Number of Performed Other Surgery	6	75	13	216.67	60
Number of Glass Advised	178	1050	264	148.31	840
Number of Glass Accepted	162	840	197	121.60	672
			Number of DST Camp		4
			Number of OP at DST Camp		600
			Number of Surgery at DST Camp		60
			Number of School Coved		10
			Number of Students Screened		2000
			Number of Free Glass Distributed		100
			Number of DR Camp		1
			Number of DR Camp OP		50
			Number of Color Vision Test Camp		1
			Number of Color Vision Test Camp OP		50





## Bharatpur Eye Hospital Chitwan

### Bhadrakali Kandel Eye Care Center, Benighat, Dhading

#### Previous Years Performance & Annual Plan for 2023-024

Basic Indicators	Achieved 21-22	Target 22-23	Achieved 22-23	Variance	Target 23-24
Number of OP	774	3000	1210	156.33	2400
Number of Performed Cataract Surgery	40	150	128	320.00	60
Number of Performed Other Surgery	2	75	32	1600.00	60
Number of Glass Advised	404	1050	506	125.25	840
Number of Glass Accepted	316	840	497	157.28	672
			Number of Surgical Camp		1
			Number of OP at Surgical Camp		1500
			Number of Surgery at Surgical Camp		150
			Number of School Coved		10
			Number of Students Screened		2000
			Number of Free Glass Distributed		100
			Number of DR Camp		1
			Number of DR Camp OP		50
			Number of Color Vision Test Camp		1
			Number of Color Vision Test Camp OP		50



Bharatpur Eye Hospital Chitwan

**Eye Care Center, Iswhorpur, Bayalbass, Sarlahi**

**Previous Years Performance & Annual Plan for 2023-024**

Basic Indicators	Achieved 22-23	Target 23-24
Number of OP	826	3000
Number of Performed Cataract Surgery	30	75
Number of Performed Other Surgery	13	75
Number of Glass Advised	487	1050
Number of Glass Accepted	287	840
Number of Surgical Camp	1	2
Number of OP at Surgical Camp	1257	4000
Number of Surgery at Surgical Camp	378	600
Number of School Coved	3	10
Number of Students Screened	985	2500
Number of Free Glass Distributed	25	125
Number of DR Camp	0	2
Number of DR Camp OP	0	100
Number of Color Vision Test Camp	1	1
Number of Color Vision Test Camp OP	35	50





Bharatpur Eye Hospital Chitwan

**Eye Care Center, Rapti, Bhandara, Chitwan**

**Previous Years Performance & Annual Plan for 2023-024**

Basic Indicators	Achieved 22-23	Target 23-24
Number of OP	517	2400
Number of Performed Cataract Surgery	14	60
Number of Performed Other Surgery	35	60
Number of Glass Advised	173	840
Number of Glass Accepted	96	672
Number of DST Camp		4
Number of OP at DST Camp		600
Number of Surgery at DST Camp		60
Number of School Covered		10
Number of Students Screened		2000
Number of Free Glass Distributed		100
Number of DR Camp		1
Number of DR Camp OP		50
Number of Color Vision Test Camp		1
Number of Color Vision Test Camp OP		50



Bharatpur Eye Hospital Chitwan

## Eye Care Center, Aabukhaireni, Tanahun

### Previous Years Performance & Annual Plan for 2023-024

Basic Indicators	Achieved 22-23	Target 23-24
Number of OP	324	2400
Number of Performed Cataract Surgery	28	60
Number of Performed Other Surgery	32	60
Number of Glass Advised	234	840
Number of Glass Accepted	130	672
Number of DST Camp		4
Number of OP at DST Camp		600
Number of Surgery at DST Camp		60
Number of School Covered		10
Number of Students Screened		2000
Number of Free Glass Distributed		100
Number of DR Camp		1
Number of DR Camp OP		50
Number of Color Vision Test Camp		1
Number of Color Vision Test Camp OP		50



## Newly Established Eye Care Centers

Three new Eye Care Centers :

- 1) Ishwarpur Municipality, Bayalbas, Sarlahi
- 2) Rapti Municipality, Bhandara, Chitwan
- 3) Aabukhaireni Rural Municipality, Aabukhaireni, Tanahun

were established in the year 2022-23 with a aim to provide primary eye care to the community people. The eye care centers have been established in collaboration with the respective municipalities and support from SEVA.



## Research and Publications

### Village Integrated Eye Workers Trial (VIEW)

This research project started in 2014 in collaboration with **University of California San Francisco, F.I. Proctor Foundation, SEVA Foundation** and Bharatpur Eye Hospital. Starting from the year 2014, VIEW has implemented different phase of its study activities (VIEW-I, VIEW-II Pilot, VIEW-II Screening, VIEW-II Final Exam- ongoing and SightLife blindness prevention program- ongoing). VIEW-I and VIEW-II Pilot is already completed and some of the papers have been published.

#### VIEW-II Screening:

This phase is the initial screening phase for VIEW-II from 2019-2023. This is cluster randomized trial to identify if an intensive screening with OCT and linkage to care can reduce the number of blindness due to Glaucoma, DR and ARMD compared to no intervention area in individuals 60 years and above. The final census will be done to find the cause of blindness in the community. Study area includes Bharatpur Metropolitan, Kalika Municipality, Ratnanagar Municipality, Khairahani Municipality in Chitwan district and Gaidakot Municipality, Devchuli Municipality, Kawasoti Municipality, Madhyabindu Municipality and Binay Triveni Rural Municipality-1 & 2 in Nawalpur District.

**Statistics:** June, 2019 - May, 2023

Category	Number
Study Ward	106
Total Clusters within study area	317
Clusters Screened	161
Total People Enumerated at census	2,19,283
≥60yrs people enumerated at census	64,328 (29.34% of total enumerated)
Eligible participants	27,570 (42.86% of ≥60yrs people )
No. of participants screened	20,096 (72.89% of eligible participants)
Referral	4,969 (24.72% of screened participants)
Referral attended to BEH	3,058 (61.54% of referred)



Screening Registration



OCT Screening

**VIEW-II Final Exam:** VIEW-II Final Exam is the wrap up exam of VIEW-II screening started from June 2023. A repeat census is conducted in all clusters 4 years after implementation of the screening intervention. Census workers update vital status and demographic data collected at baseline and add all new community members. Visual acuity is assessed for all participants  $\geq 50$  years old following the same procedures employed at baseline. Participants who have pinhole visual acuity worse than logMAR 0.48 (Snellen equivalent 20/60) in either eye at the time of the final census are offered an eye examination consisting of VA/refraction, IOP assessment, visual field assessment and anterior and posterior segment visualization at the community, performed by a trained team of optometrist and ophthalmic assistant masked to treatment assignment.

**Statistics:** June 2023- July 2023

Category	Number
Ward Completed	5
Clusters Screened	22
Total eligible participants	527
No. of participants screened	411 (77.98% of total eligible participants)
Referral	244 (59.36% of total screened)

### Vision Testing with Peek Acuity



at census



IOP Measurement



Vision/Refraction



OCT Scan



Visual Field Testing



Slit Lamp Evaluation



Fundus Photography



Indirect Ophthalmoscopy



Participants offered sunglasses  
after exam



### SightLife Blindness Prevention Program:

This aim to find the effectiveness of Female Community Volunteers (FCHVs) in preventing corneal blindness due to trauma. This was a three years study which ended in 2017 with the result that FCHVs intervention was effective in reducing corneal opacities due to ocular trauma in the rural communities than peri-urban or urban communities. Latter since September 2017 SightLife took this research as a corneal prevention program, where trained 117 FCHVs from 12 VDCs (Kathar, Kumroj, Birendranagar, Amarapuri, Pragatinagar, Devchuli, Agyauli, Deurali, Dhaubadi, Narayani, Nayabelhani and Kolhuwa) are involved in detecting and treating corneal abrasion due to trauma with prophylactic antibiotic ointment in their communities and appropriate referrals to eye care centers or eye hospitals. 4 field supervisors involved in monitoring those FCHVs.

**Statistics:** July, 2022 - June, 2023

Category	No. of cases seen by FCHV	Percentage(%)
Total Cases Seen	4,290	
Abrasion Detected	2,681	62.49
Total Referral	257	5.99
Other Cases Seen	1,609	37.50



FCHV Refresher Training



FCHV Performing Fluorescein Stain



Supervisor Monitoring FCHV at Field



FCHV Monthly Meeting



VIEW & SightLife Team

## SEVA : Call for Ideas Project

Bharatpur Eye Hospital in leadership with Dr. Manisha Shrestha, Pediatric Ophthalmologist and team were successful in receiving the award worth \$ 50,000 for **SEVA'S CALL FOR IDEAS TO USE TECHNOLOGY TO EXPAND ACCESS TO EYE CARE SERVICE-2023.** For the proposal of using *optimum screening technology for diagnosing childhood vision loss in resource limited settings*. In this project we are using screening devices, spot vision screener and blinq to screen amblyopia and strabismus in the children aged 3-8 years and linking them to care. As a pilot project currently we are implementing the project in ward -5 of Bharatpur Municipality. This project was formally implemented in September 2023 and till date (February 2024) we have been able to screen 719 (84.98%) children out of 846. 144 (20.03%) kids have been referred out of which 94 (65.27%) of the kids attended the hospital for treatment.



### Personnel Involved in the Study:

Name	Role
Dr. Manisha Shrestha	Principal Investigator, Pediatric Ophthalmologist
Gopal Bhandari	Facilitator
Sadhan Bhandari	Facilitator
F.I.Proctor Foundation and Dr. Julius Oatts	Supporting Partner
<b>Referral Tracking Unit</b>	
Debaki Acharya	Ophthalmic Assistant
<b>Community Screening Unit</b>	
Deepak Yadav	Ophthalmic Assistant
Prakash Malla	Ophthalmic Assistant
<b>Supporting Staff from Pediatric Department</b>	
Sajani Kayastha	Orthoptist
Pradeep Subedi	Orthoptist Trainee



## Publications

1. Shrestha M, Giri Shrestha P, Sah R, Subedi K. Awareness and Practice Patterns Among Pediatricians Regarding Retinopathy of Prematurity at Bharatpur, Chitwan, Nepal. *JCMS Nepal*. 2023; 19(1); 1-8
2. Shrestha M, Bhandari G, Kamalakannan S, Murthy GVS, Rathi SK, Gudlavalleti AG, Agiwal V, Pant H, Pandey B, Ghimire R, Ale D, Kayastha S, Karki R, Chaudhary DS, Byanju R; Operational Research Capacity Building Study Group. Evaluating the Effectiveness of Interventions to Improve the Follow-up Rate for Children With Visual Disabilities in an Eye Hospital in Nepal: Nonrandomized Study. *JMIR Pediatr Parent*. 2023 Feb 23;6:e43814. doi: 10.2196/43814. PMID: 36821366.
3. Shrestha M. Providing eye care services to the indigenous Chepang people of central Nepal. *Community Eye Health*. 2022;35(115):33-34.
4. Shrestha M, Bhandari G, Rathi SK, Gudlavalleti AG, Pandey B, Ghimire R, Ale D, Kayastha S, Chaudhary DS, Byanju R; Operational Research Capacity Building Study Group. Improving the Follow-up Rate for Pediatric Patients (0-16 years) of an Eye Hospital in Nepal: Protocol for a Public Health Intervention Study. *JMIR Res Protoc*. 2021 Oct 8;10(10):e31578. doi: 10.2196/31578. PMID: 34521615.
5. Sah RK, Byanju R, Bhandari S, Shrestha A, Bhandari G. Clinical Characteristics of Patients with Glaucoma Presenting to Bharatpur Eye Hospital: An Observational Study. *Nepal J Ophthalmol*, 2022 Jan: 14(27): 65-71
6. Bhandari G, Byanju R, Pradhan S, Sah RK, Kandel RP, Keenan JD. Relationship between intraocular pressure and age: a population-based study in Nepal. *J Glaucoma*, 2023 Nov 1; 32(11):983-988.
7. Pradhan S, Sah RK, Bhandari G, Bhandari S, Byanju R, Kandel RP, Keenan JD. Anterior segment optical coherence tomography for detection of narrow angles: a community-based diagnostic accuracy study. *Ophthalmol Glaucoma*. 2023 Aug 21.

### **Undergoing Study :**

A comparative study on RNFL thickness among open-angle glaucoma with normal people using optical coherence tomography

Ocular biometry state of LPI cases at Bharatpur Eye Hospital

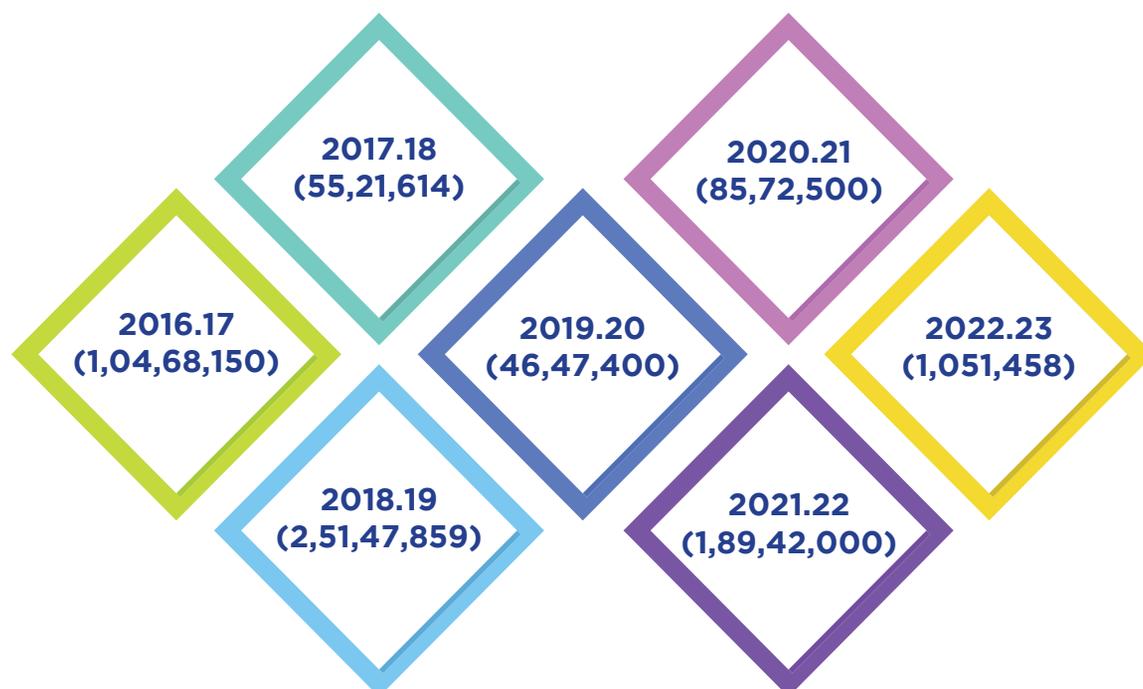
Safety and effectiveness of laser suture-lysis after initial trabeculectomy or phaco trabeculectomy in patients with glaucoma

## Hospital's Contribution

### Referred for Subsidy 2022.23

Bharatpur Eye Hospital encourages patients to pay for services as much as possible. However, keeping in mind the socio-economic realities, BEH does offer subsidized or completely free services to poor and deserving population. As a policy, BEH does not deny eye care to any person based on any demographic, regional, social or economic denomination. NRs. **1,051,458** has been contributed by the hospital in the year **2022.23** in different heading subsidy.

SN	Referred for Subsidy	Patients	SN	Referred for Subsidy	Patients
1	Chij Kumar Bishnu Kumari Shrestha OPD Services (City Clinic)	815	12	ECC THORI	2
2	ECC BENIGHAT RORANG	4	13	NNJS	27
3	ECC CHANAULI	16	14	RHINO CLUB, NARAYANGARH	1
4	ECC CHORMARA	2	15	SCHOOL REFERRAL	13
5	ECC KAWASWOTI	10	16	SIGHT LIFE	7
6	ECC KHAIRAHANI	24	17	SOCIAL HEALTH INSURANCE(OPD)	73,175
7	ECC KURINTAR	5	18	SUPPORT AND CARE REHABILITATION CENTER	1
8	ECC MADHYABINDU	1	19	VIEW	779
9	ECC RAPTI BHANDARA	5		<b>Total Patients</b>	<b>74,896</b>
10	ECC RATNANAGAR	7		<b>Total Surgery through Social Health Insurance</b>	<b>3,913</b>
11	ECC SALYANTAR	2			



## Nepal Netra Jyoti Sangh Executive Committee

Name	Designation
Mr. Jay Ram Shrestha	President
Mr. Krishna Raj Dharel	Immediate Past President
Mr. Tejendra Bahadur Khadka	Vice President
Mr. Keshab Prasad Adhikari	Secretary
Mr. Sidhartha Lal Chuke	Treasurer
Mr. Narayan Prasad Adhikari	Joint Secretary
Mr. Ram Prasad Bhatta	Joint Treasurer
Mr. Parameshwar Khanal	Member (BMC-10)
Mr. Shanta Kumar Piya	Member
Ms. Sudha Joshi	Member
Ms. Kasturi Shrestha	Member
Mr. Dinesh Khanal	Member
Mr. Chiranjibi Subedi	Member
Mr. Pawan Kumar Piya	Member
Mr. Guru Prasad Poudel	Member
Ms. Prem Prabha Chhetri	Member
Mr. Ram Prasad Kandel	Member
Mr. Dipak Kumar Rana	Member
Mr. K. N. Silwal	Member
Asst. Prof. Dr. Puspa Giri Shrestha	Member

Name	Designation
Mr. Chij Kumar Maskey	Advisor
Mr. Bamdev Khanal	Advisor
Mr. Prem Kumar Shrestha	Advisor
Mr. Prabhat Kumar Joshi	Advisor
Mr. Binod Kumar Shrestha	Advisor
Mr. Mahendra Lal Pradhan	Advisor
Mr. Gajendra Prasad Wosti	Legal Advisor

### Yashaskar Members

Mr. Binod Kumar Shrestha  
 Mr. Mahendra Lal Pradhan  
 Mrs. Pratibha Pradhan  
 Mr. Hari Krishna Maharjan  
 Mr. Pritam Piya  
 Mr. Bhimraj Pathak  
 Late Usha Maya Pathak  
 Mr. Jagat Bahadur Pandey  
 Mr. Anamol Pandey  
 Mr. Sanukaji Pandey



## Bharatpur Eye Hospital Management Committee

Name	Designation
Mr. Jay Ram Shrestha	Chairman
Mr. Rishiram Poudel	Member (Vice Chairman, CNNJS)
Mr. Chij Kumar Maskey	Member (Executive Member, CNNJS)
Mr. Krishna Raj Dharel	Member (Immediate Past Chairman, BEH)
Mr. Tejendra Bahadur Khadka	Member (Vice President, NNJS, Chitwan)
Mr. Keshab Prasad Adhikari	Member (Secretary, NNJS, Chitwan)
Mr. Sidhartha Lal Chuke	Member (Treasurer, NNJS, Chitwan)
Asst. Prof. Dr. Puspa Giri Shrestha	Member (Act. Chief Medical Director, BEH)
Mr. Daya Shankar Chaudhary	Member Secretary (Sr. Hospital Administrator, BEH)
Mr. Ram Prasad Kandel	Member (Invitee) (Executive Member, NNJS, Chitwan)
Prof. Dr. Sunu Dulal	Member (Invitee) (Academic Chief, BEH)



## Hiralal Santudevi Pradhan Institute of Ophthalmic Sciences Management Committee

Name	Designation
Pro. Dr. Chet Raj Panta	Chairman
Mr. Jay Ram Shrestha	Member
Dean, National Academy of Medical Sciences (NAMS)	Member
Mr. Rishiram Poudel	Member
Mr. Prabhat Kumar Joshi	Member
Mr. Mahendra Lal Pradhan	Member
Mr. Binod Kumar Shrestha	Member
Prof. Dr. Sunu Dulal	Member
Assoc. Prof. Dr. Sangita Sharma Bhandari	Member
Asst. Prof. Dr. Puspa Giri Shrestha	Member
Mr. Daya Shankar Chaudhary	Member Secretary



## Academic & Fellowship Program



**Glucoma Fellowship**  
(Dr. Santosh Kumar Shah)

Nepal Netra Jyoti Sangh, Chitwan  
HIRALAL SANTUDEVI PRADHAN INSTITUTE OF OPHTHALMIC SCIENCES  
**BHARATPUR EYE HOSPITAL**  
Bharatpur, Chitwan

**ACADEMIC PROGRAM**  
**MD OPHTHALMOLOGY PROGRAM**  
(Affiliated with National Academy of Medical Sciences (NAMS))



**Dr. Sudha Ranabhat**  
(1<sup>st</sup> Batch : July, 2017 – June, 2020)



**Dr. Suchan Poon | Dr. Sabina Parajuli**  
(2<sup>nd</sup> Batch : September, 2018 – October, 2021)



**Dr. Ashma K.C. | Dr. Binisha Shrestha | Dr. Manoj Kumar Sah**  
(3<sup>rd</sup> Batch : December, 2019 – January, 2023)



**Dr. Dipak Dhakal | Dr. Manisha Thapa | Dr. Srijana Parajuli | Dr. Prachi Dulal**  
(4<sup>th</sup> Batch : April, 2021 – March, 2024)



**Dr. Ashish Poudel | Dr. Sujan Ojha**  
(5<sup>th</sup> Batch : April, 2022 – March, 2025)



**Dr. Ashish Nidhi | Dr. Mukesh Kumar Yadav | Dr. Alka Khatiwoda**  
(6<sup>th</sup> Batch : April, 2023 – April, 2026)

Nepal Netra Jyoti Sangh, Chitwan  
HIRALAL SANTUDEVI PRADHAN INSTITUTE OF OPHTHALMIC SCIENCES  
**BHARATPUR EYE HOSPITAL**  
Bharatpur, Chitwan

**ACADEMIC PROGRAM**  
**BACHELOR IN OPTOMETRY & VISION SCIENCE (B. OPTOM)**  
(National Academy of Medical Sciences, NAMS)



**1<sup>st</sup> Batch\_Mar, 2018 - Feb, 2022**



**2<sup>nd</sup> Batch Mar, 2019 - Feb, 2023**



**3<sup>rd</sup> Batch\_Nov, 2021 - Oct, 2025**



**4<sup>th</sup> Batch\_Aug, 2022 - July, 2026**

## Academic & Fellowship Program



Ophthalmology Residents with Act.  
Chief Medical Director



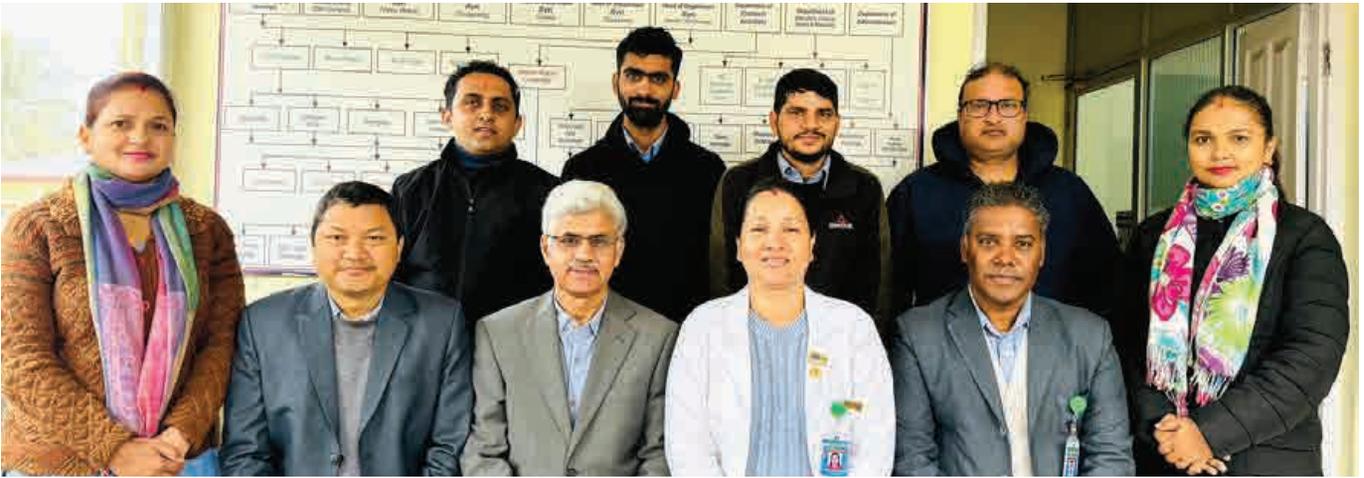
Optometrists at BEH



Ophthalmic Assistants at BEH



## Hospital Departments & Services



Administration



Outreach



Operation Theatre



Ward



Tele-Ophthalmology



Information Technology (IT)



Registration and Social Health Insurance



Pharmacy, Optical & Medical Record



Laboratory



Minor Treatment



Eye Bank



Cash Counter



Biomedical & Electrical



Counselling



Optical Grinding



Housekeeping, Biomedical Waste Mgt. & Gardening



Security Personnel

## Hospital Activities



23<sup>rd</sup> General Assembly and Convention of NNJS Chitwan Branch



Signing of Agreement between Rapti Municipality & BEH for Eye Care Center



Annual Planning Meeting for Eye Care Centers and Secondary Hospitals



Agreement with Gaidakot Municipality for the establishment of Eye Care Center



Awareness about Amblyopia (Lazy Eye) for School Nurses and School Teachers



Welcome and Orientation Program for 4<sup>th</sup> Batch National Academy for Medical Sciences (NAMS) Optometry and Vision Science Students at BEH



Observation visit made by Optometry Students from Himalaya Eye Hospital, Pokhara



Basic Life Support Orientation Program for staffs by Professor Dr. Sunu Dulal



Biratnagar Eye Hospital visit made by the team



CME on Anesthesia for BEH staffs



FCHV Training in Sarlahi



Fruit Distribution Program for patients on the occasion of NNJS Day, Chitwan Branch



Participants in Health Insurance Workshop



Observational visit made by Helping Hands Team at Bharatpur Eye Hospital



Hepatitis C Vaccination Program for all staffs and NNJS members



Eye Checkup and glass distribution program for Journalist in Chitwan



Visit made by Chief Medical Director and Administrator of Lumbini Eye Institute & Research Center, Bhairahawa



Management Leadership & Development Workshop at Pokhara supported by SEVA



Observational visit made by Honorable Minister, Ministry of Finance, Bagmati Province



Annual Mid-Term Meeting of Eye Care Centers and Secondary Hospitals



Early Morning Rounds (Prabhat Pheri) on the Occasion of NNJS day



Pakistan Ambassador to Nepal his Excellency handing over the support to Chairman of the Hospital



Bharatpur Eye Hospital Family Picnic



SightLife Team Visit



Sports Week celebration on the occasion of the Annual NNJS and Hospital Day



Strategic Planning Workshop, Kathmandu, 14-15 Aug, 2022



Teej Program



University of California, San Fransisco, Proctor Foundation Team Visit



Wheel Chair Supported by Rotary Club of Narayani Mid Town



Certificate of Appreciation on the occasion of 23rd General Assembly & Convention



Certificate of Appreciation on the occasion of 23rd General Assembly & Convention



3 Seater Chair supported by Nabil Bank, Narayangarh as per CSR



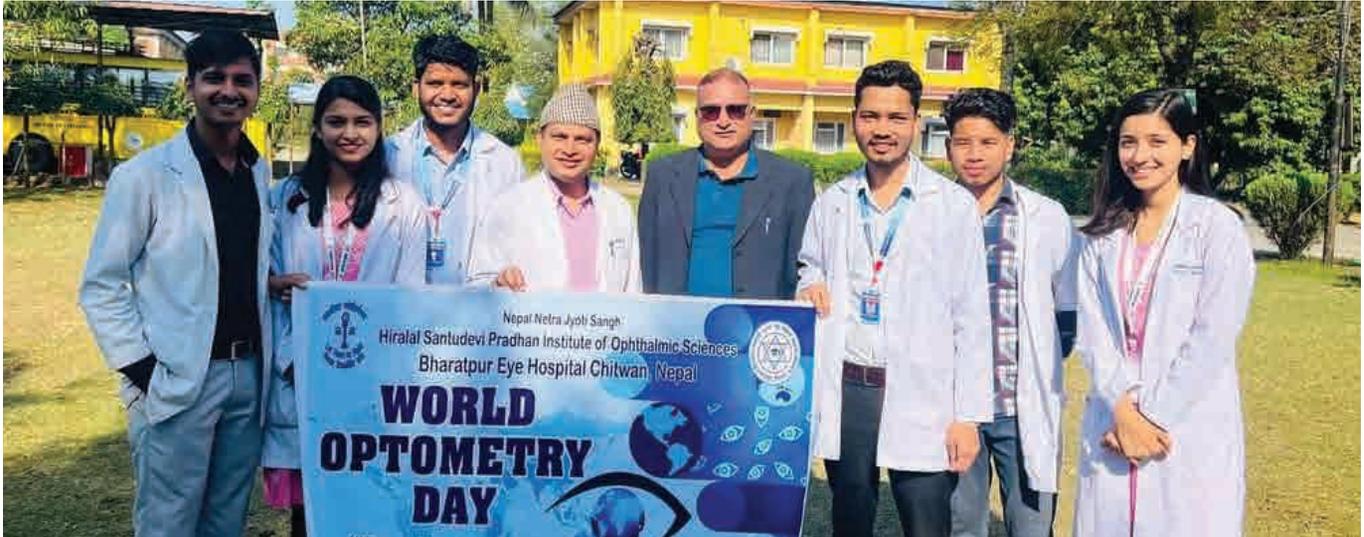
Faculties of Outreach Co-ordinator Training



Celebration of Guru Purnima



Farewell of Mr. Gokul Dahal (Ophthalmic Assistant)



World Optometry Day 2023



Observation Visit made by Mummy & Authorities of Kumari Educational Trust, Nawalpur



Bharatpur Eye Hospital Team at 35th Charter Day Ceremony of Leo Club of Narayangarh



Celebrated Nepal Netra Jyoti Sangh Day 2023



Monitoring and Supervision of Cornea Collection Center of BEH from Nepal Eye Bank, KTM



Faculties with Outreach Program Co-ordinator Trainees



Eye Health Training Program for School Teachers



Annual Planning Meeting 2022-23



Farewell to PCL in Ophthalmic Sciences Students



Delegates of Lions Club



BEH Authorities with Honorable Minister for Health & Population Mr. Umesh Shrestha



Participated in Strategic Planning Workshop 2022-23



Farewell to Bachelor in Optometry and Visual Science Students



Hospital Bed Supported by NIMB Bank, Narayangarh



Delegates of Lions Club

## ACKNOWLEDGEMENT





**Purposed OPD Building**



*Dedicated to Bharatpur Eye Hospital Family*

“आँखादान, महादान”

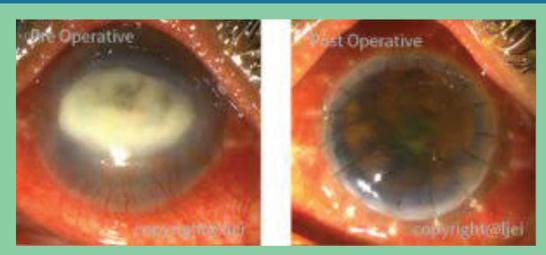


मैले  
आँखा  
दान गरे,  
तपाईंले  
नि ?



मरेपछि  
खेर जाने  
आँखा दान गरौं  
दुई जनालाई  
संसार  
देखाऔं ।

दान गर्ने  
आँखाको  
नानी संसारका  
सबभन्दा  
ज्ञानी ।



नेपाल नेत्रज्योति संघ  
हिरालाल सन्तुदेवी प्रधान नेत्र विज्ञान अध्ययन संस्थान  
**आँखाको नानी संकलन केन्द्र**  
**Cornea Collection Center**  
**भीमराज उषामाया पाठक आँखा बैंक**  
**Bhimraj Ushamaya Pathak Eye Bank**  
**भरतपुर आँखा अस्पताल**

बाईपास रोड, भरतपुर-१०, चितवन, नेपाल

फोन: ०५६-४९३६३३, ४९३८३३, ४९३९७९ मो. ९८५५०७६७३३

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