



OPHTHALMOLOGY DEPARTMENT

Malabar Medical College Hospital and Research Centre , Kozhikode .

Vision

- To be a centre of excellence in ophthalmic care, education, and research by delivering high-quality, patient-centered eye care and advancing innovations that prevent blindness and improve vision.

Mission

- To provide comprehensive, ethical, and evidence-based eye care services.
- To prevent avoidable blindness through early diagnosis, timely treatment, and community outreach programs.
- To train competent ophthalmologists, residents, and allied eye care professionals.
- To promote clinical research and adopt advanced technologies in ophthalmology.
- To ensure compassionate, affordable, and accessible eye care for all patients.
- To uphold the highest standards of patient safety, professionalism, and continuous quality improvement.

Core values

- Patient-Centered Care – Compassionate, respectful, and individualized care.
- Excellence – Commitment to the highest standards in clinical practice, education, and research.
- Integrity – Ethical practice, honesty, and accountability.
- Innovation – Adoption of advanced technology and evidence-based treatments.
- Teamwork – Collaboration among healthcare professionals for optimal patient outcomes.
- Safety – Ensuring patient safety and continuous quality improvement.
- Equity – Providing accessible and affordable eye care without discrimination.
- Learning – Promoting lifelong learning, teaching, and research.
- Community Service – Preventing avoidable blindness through outreach, education, and public health initiatives.

Faculty/staff Positions

Doctor's name	Positions
Dr Suma Unnikrishnan	Professor
Dr Lakshmi C	Professor
Dr Bindu Narayanadas	Professor
Dr Irshad E	Professor
Dr Sapna Mohan	Assistant professor
Dr Anjali K K	Assistant professor
Dr Soumya Narayanan	Assistant professor
Dr Mona Ahammed Abdul Salam	Senior resident
Dr Fathima Aslaha	Senior resident
Dr Namitha Mohan	Senior resident
Dr Sarangi. C V	Senior resident

Faculty responsibility at Department and institutional level

- PG co-ordinator – Dr Bindu N Das
- UG co-ordinator – Dr Lakshmi /Dr Sapna / Dr Anjali
- NMC co-ordinator – Dr Mona Irshad
- Eye Bank coordinators – Dr Irshad / Dr Namitha
- Camp coordinator – Dr Namitha / Dr Sarangi
- Scientific committee member- Dr Lakshmi C

Services Available

Advanced
cataract surgery
facilities

Cornea &
Keratoplasty

Glaucoma,
medical surgical
and laser
procedures

Medical & surgical Retina
– laser
photocoagulation, intra
vitreal injections and
vitreoretinal surgeries

Paediatric
Ophthalmology &
Strabismus

Orbit & Oculoplasty

Rop screening

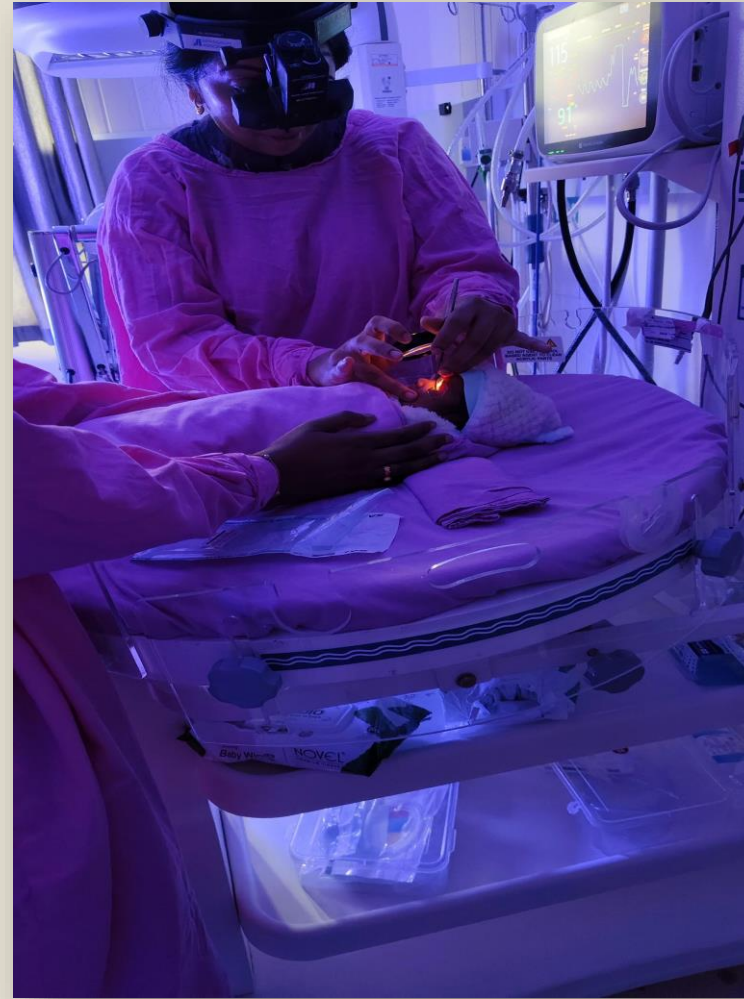
Screening and
management of
diabetic
retinopathy

Speciality Clinics

- Pediatric ophthalmology and squint
- Medical & surgical Retinal services
- Cataract evaluation and surgeries
- Cornea & keratoplasty
- Glaucoma clinic and surgeries
- Orbit & Oculoplasty clinic and surgeries



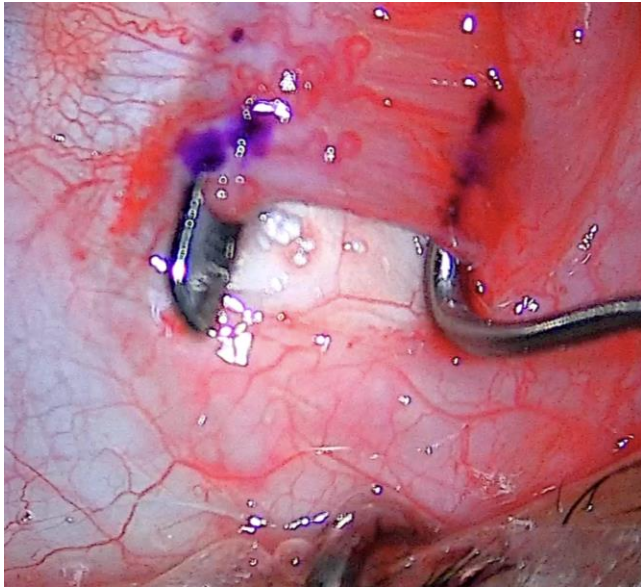
ROP SCREENING



Cataract surgeries

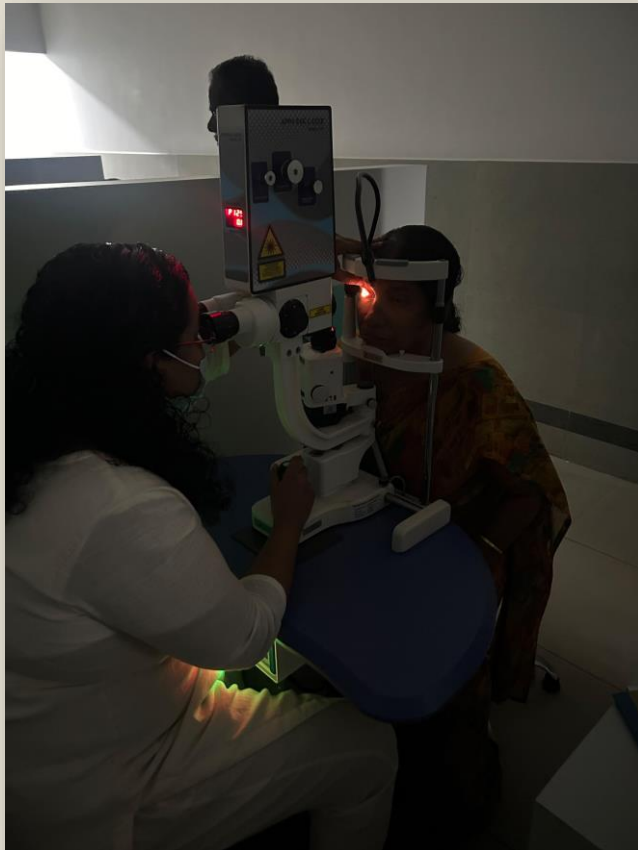
- Phaco emulsification, small incision surgery and complicated cataracts.





COMPLEX STRABISMUS SURGERIES

Laser Procedures



Intravitreal Injection/Ozurdex Implantation





Government of Kerala
Kerala State Organ and Tissue Transplant Organization (K-SOTTO)

Office of the Appropriate Authority
[See sec.13(2) of THOT Act 1994]

File No: KSOTTO/130/2026-CT

License No: KSOTTO/91/202606/225

FORM 16

**CERTIFICATE OF REGISTRATION FOR PERFORMING ORGAN/TISSUE
TRANSPLANTATION/RETRIEVAL AND/OR TISSUE BANKING**
(See rule 24(2))

This is to certify that **Malabar Medical College and Research Centre** located at Ulliyeri, Kozhikode has been inspected and certificate of registration is granted for performing the **Tissue retrieval/banking** of the following Organ/Tissue under the Transplantation of Human Organs Act, 1994 (42 of 1994):-

Tissue: (Eye)

This certificate of registration is valid for a period of 5 years from the date of issue (**Valid up to: 17.05.2031**). This permission is being given with the current facilities and staff shown in the present application form. Any reduction in the staff and/or facility must be brought to the notice of the undersigned.

Place: Thiruvananthapuram

Date of Issue: (Date of approval)

Digitally signed by
VISWANATHAN K V
Date: 06-06-2026

Dr. Viswanathan K V
Appropriate Authority & DME

09:55:27

Approval for EYE BANK

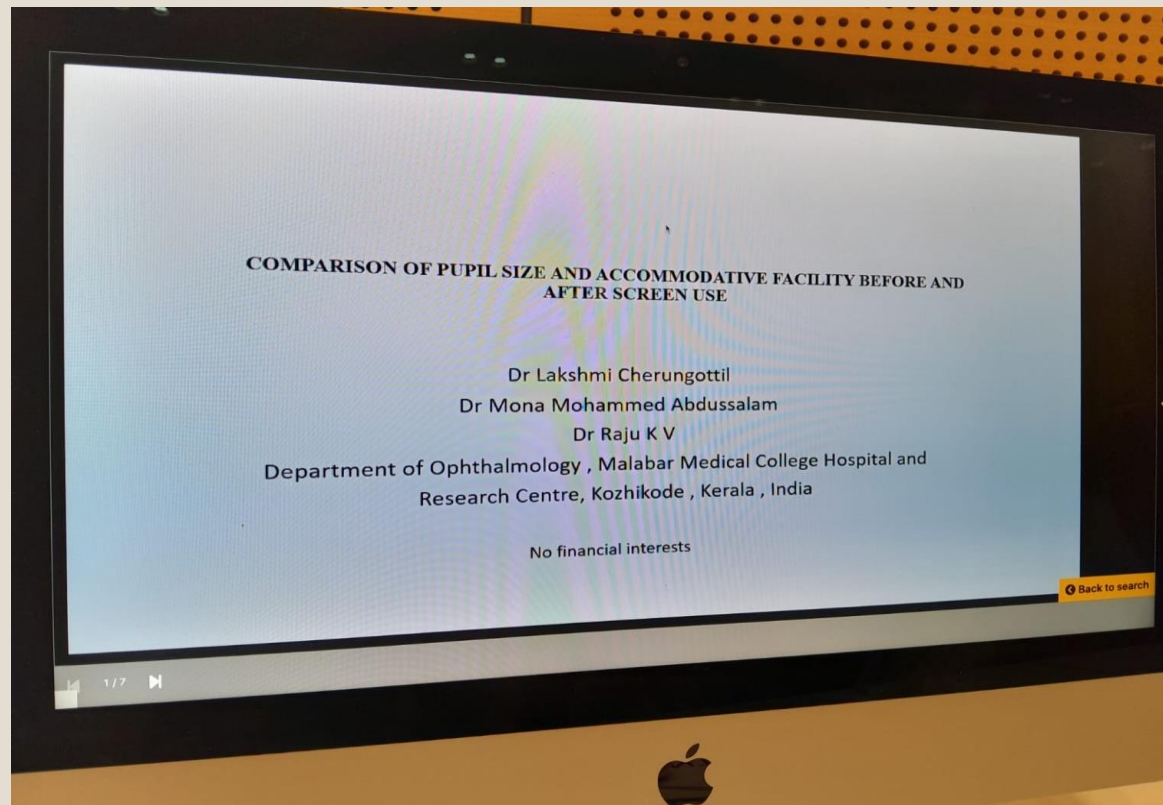
Eye Bank/Corneal Transplantation

Eye donation awareness programme conducted at MMC



Faculty presentation at state and National level/International level conferences

- E poster at ESCRS VIENNA 2023



Austrian Consulate/Embassy
VISA SECTION

Vienna, 12 July 2023

OFFICIAL INVITATION

VIENNA
CONVENTION BUREAU

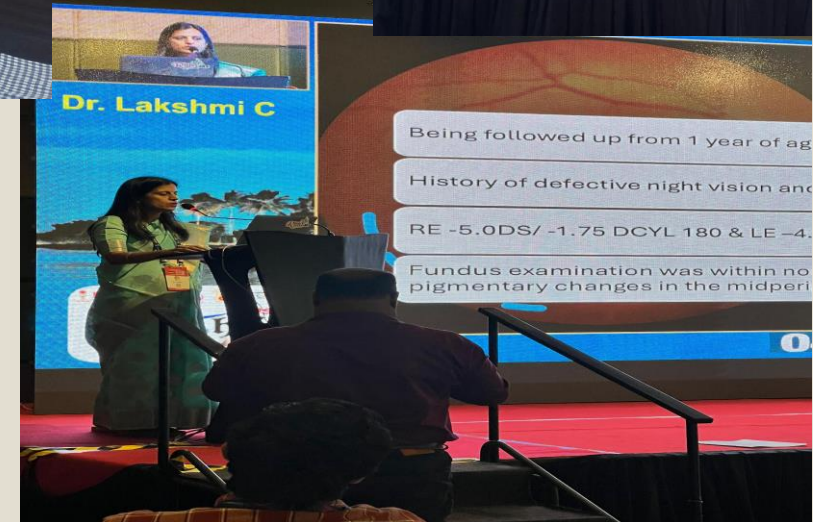
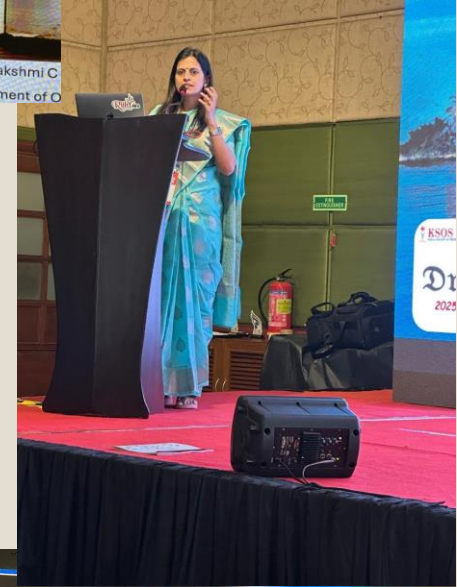
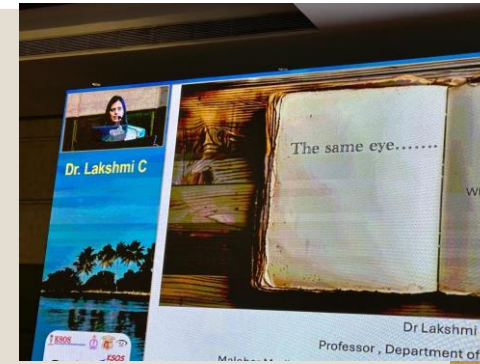
To whom it may concern:

The ESCRS is organizing its annual congress which will take place in Vienna, Austria from the 8th to 12th of September 2023.

MCI Suisse SA, the official registration and accommodation agency, appointed by the ESCRS hereby confirms that the following participant has registered and fully paid the registration fee.

We are delighted to formally invite the person named below to attend the congress:

- **Last Name** : Cherungottil
- **First Name** : Lakshmi
- **Date of birth** : 20 Feb 2023
- **Passport number** : T4216749
- **Passport expiry date** : 11 Jun 2029

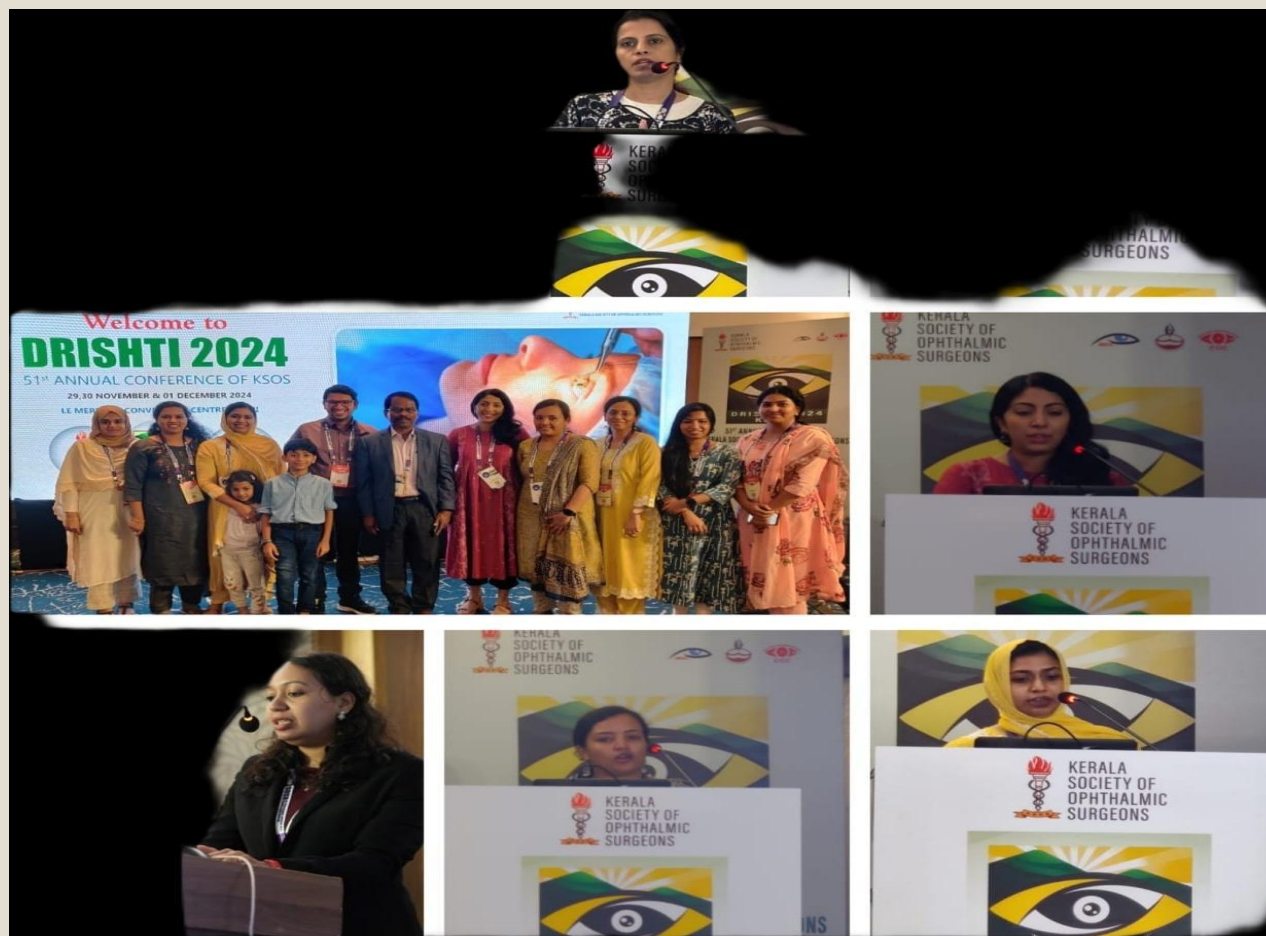






As invited faculty
at state level
conferences

Faculty presentation at State level conference





Dr Lakshmi selected for 2024 **WHO – ICMR** workshop on Systematic Review and Meta Analysis at Kolkata

Presence in district societies

- Past President-
Dr. Suma Unnikrishnan
- Past Secretary- Dr. Irshad
- Current Secretary-
Dr. Lakshmi C



FACULTY ACHIEVEMENT AWARDS

Outlook Best doctor south
award 2025- Dr Lakshmi C



Dr Suma unnikrishnan	1)Subclincinal hypo thyroidism and anti-thyroid peroxidase antibodies in Primary open angle glaucoma: A case – control study. Suma Unnikrishnan, Anila kumari VP, Ferzana B Muhammed IJO accepted on 5-8-23 2) Clinical Profile and magnetic resonance imaging characteristics of Duane retraction syndrome. Unnikrishnan Suma, Mohammed Ferzana, Valiyaveetil Babitha, Poothatta Jyothi. Website:www.ijoonline.com. OmanJournal Of OphthalmologyY 2022 MAY-August 15(2):147-152 3) Management strategies in concomitant esotropia in children A Prospective study. Indian journal of clinical and experimental ophthalmology, 2017 Vol.3, Issue2 April-June. Index Copernicus, Google Scholar 4) Association of refractive status with birth weight and gestational age. Indian Journal of Clinical and experimental Ophthalmology (IJCEO), 2017 Vol.3 Issue-2 April-June.Index Copernicus Google Scholar 5)Ocular Manifestations in Mosquito Borne Viral fevers. Journal of Clinical Ophthalmology and Research (JCOR) 2017 Vol.5, Issue2 May-August Index Copernicus Ind Med. 6)Clinicobiochemical correlation o ocular manifestation and visual prognosis in victims of hooch tragedy. Journal of Clinical Ophthalmology and Research (JOCR), 2014 Vool.Issue-2, May-August Index: Copernicus Ind Med. 7)Ocular biometric parameters of children with refractive errors in the age group of 6-15 year. January 2021 Kerala Journal of Ophthalmology 33(2):160. DOI:10.4103/kjo.kjo 171 20.
Dr Lakshmi C	1)Raju, K. V., Irshad, E., Koshy, C. M., & Cherungottil, L. (2025). A comparative study of corneal endothelial cell count in diabetics and nondiabetics in a tertiary care hospital in North Kerala. Kerala Journal of Ophthalmology, 37(3), 273–278. https://doi.org/10.4103/kjo.kjo_14_25 2)Nair, Divya M; Cherungottil, Lakshmi1. Bilateral superior lens coloboma: an uncommon entity. Indian Journal of Ophthalmology – Case Reports 5(2):p 356-357, Apr–Jun 2025. DOI: 10.4103/IJO.IJO_1943_24 3} Cherungottil, Lakshmi; Swadique, Muhemmed1; Ravindran, Aju2; Safarulla, M A3; Rani, Usha4. Efficacy, feasibility, and patient acceptance of using low-dose atropine in retarding myopia progression: A general ophthalmologist's perspective. Kerala Journal of Ophthalmology 34(3):p 240-244, Sep–Dec 2022. DOI: 10.4103/kjo.kjo_99_21 4) Dr. Durga Balagopalan, Dr. Lakshmi Cherungottil, Dr. Nishitha P, Dr. Harsha PV, Dr. Raju KV, Dr. PT James and Dr. Remya Ramachandran. Clinical profile and incidence of toxic optic neuropathy (TON) in patients receiving anti tuberculous therapy: A prospective study. Int. J. Pharm. Clin. Res. 2024;6(1):61-65. DOI: 10.33545/26647591.2024.v6.i1a.81 5) Comparison of Pupil Size and Accommodative Facility Before and After Screen Use Lakshmi Cherungottil1*, Raju K V2 , Irshad E3 , Mona Mohammed Abdusalam4, International Journal of Pharmaceutical and Clinical Research 2024; 16(1); 1549-1552
Dr Irshad	Arun Kumar A, Irshad E, Jithu VP. Prevalence of dry eye disease in patients on anti-depressants. Indian J Clin Exp Ophthalmol. 2017;3(4):460-463. doi:10.18231/2395-1451.2017.0111. 2) Cherungottil L, Raju KV, Irshad E, Abdusalam MM. Comparison of pupil size and accommodative facility before and after screen use. Int J Pharm Clin Res. 2024;16(1):1549-1552. 3) Irshad E, Sultanpur V, Dinesh P, Lakshmi C, Abdusalam MM, Binub K. Evaluation of effect of absorbable gelatin sponge (gel foam) nasal packing in external dacryocystorhinostomy. Indian J Clin Exp Ophthalmol.

PG academic activities

- Case presentation
- Topic presentation
- Journal presentation
- Optometry teaching
- Presentations at state level CMEs
- Poster presentation
- Paper presentation
- Wet lab training

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Undergraduate academic activities

- Theory classes
- Instrument classes
- Clinical posting- short group discussion, case discussion, SDL
- Practical classes
- Seminars
- MCQ practicing
- End posting
- Exhibition and wetlab conducted on April 2025 -mednova



QUIZ COMPETITION WINNERS CONDUCTED AT DR SREEKANTH EYE CARE HOSPITAL



Pg presentations

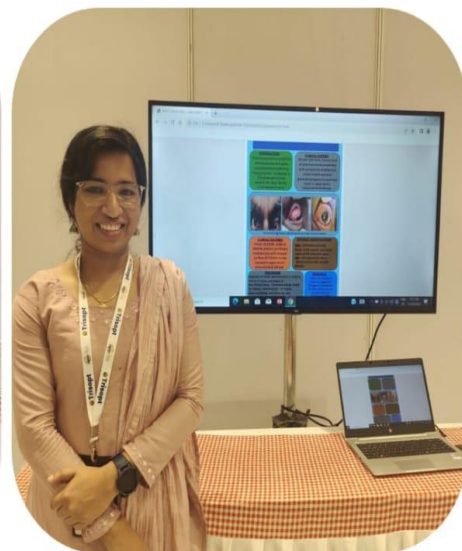
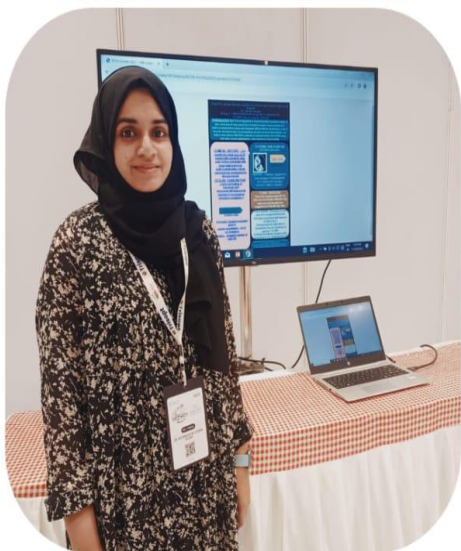




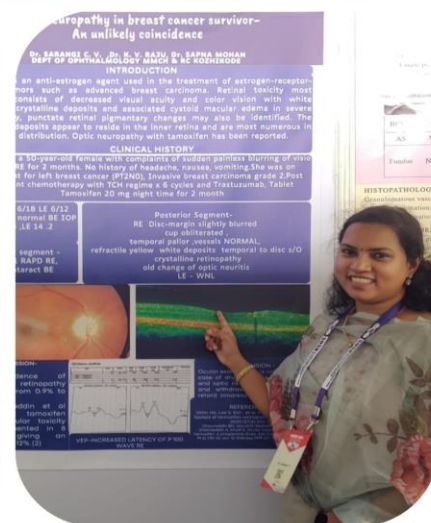
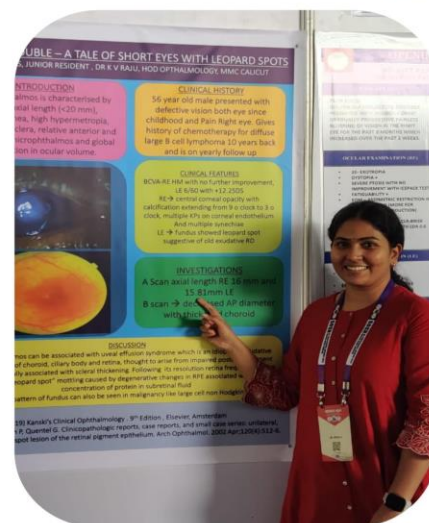
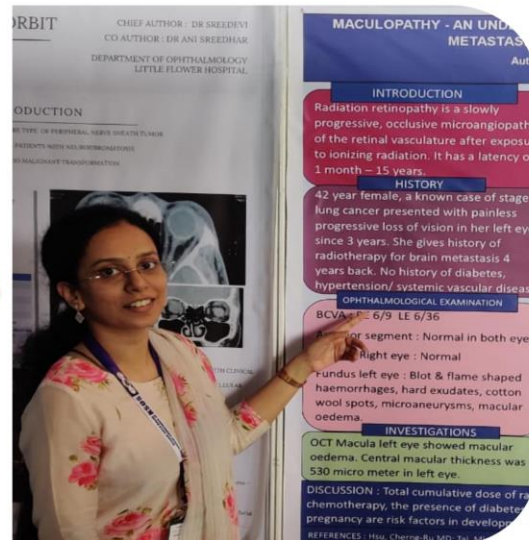
Ophthalmic emergencies
presentation done by
Dr Sarangi
in grand rounds
at MMC hospital



Poster Presentation KSOS DRISHTI 2023



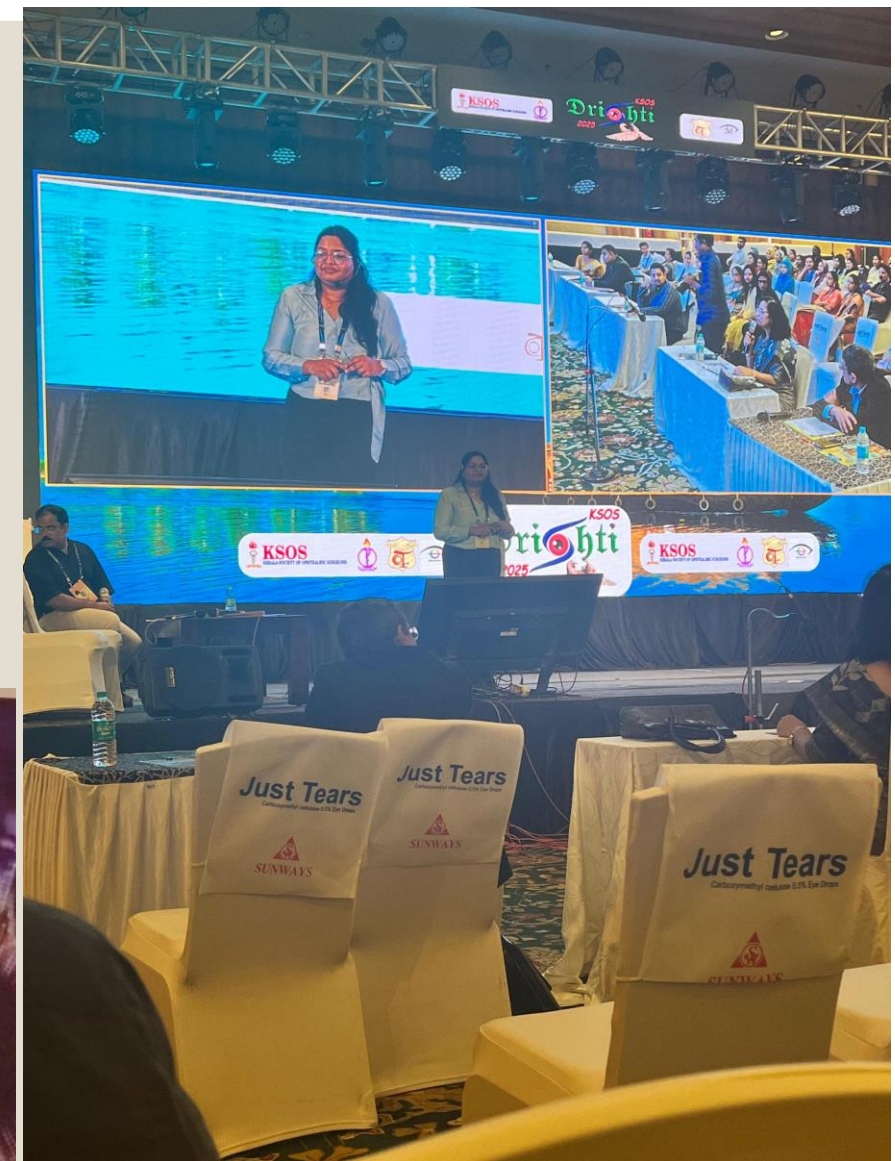
KSOS POSTER PRESENTATION 2024



State level quiz winner



Presentation in drishti ksos cme - Teachers of Tomorrow by Dr Aishwarya and Dr Varun



Pg thesis topics

Dr chris	Comparative Study Of Corneal Endothelial Cell Count In Diabetics & Non-diabetics In A Tertiary Care Hospital In North Kerala
Dr Athira	MEASUREMENT OF CENTRAL MACULAR THICKNESS USING OPTICAL COHERENCE TOMOGRAPHY IN PATIENTS WITH TYPE 2 DIABETES MELLITUS WITHOUT CLINICAL RETINOPATHY AND NON-DIABETIC POPULATION – A COMPARATIVE STUDY
Dr Fathima Aslaha	Posterior segment changes in myopia- A cross-sectional study at a tertiary care centre
Dr Asisha	Changes in corneal endothelial cells after phacoemulsification with intraocular lens implantation
Dr Meera	Prevalence Of Primary Open Angle Glaucoma And its Associated Risk Factors in patients above 40 years at a Tertiary Care Centre In North Kerala
Dr Sarangi CV	PREVALENCE AND THE RISK FACTORS OF AGE-RELATED MACULAR DEGENERATION IN A TERTIARY CARE CENTRE IN NORTH KERALA-A CROSS-SECTIONAL STUDY
Dr Sandeep	OCULAR SURFACE DYSFUNCTION IN DIABETIC AND NON-DIABETIC PATIENTS IN A TERTIARY CARE CENTRE IN NORTH KERALA – A COMPARITIVE STUDY
Dr Aishwarya	CORRELATION OF CENTRAL CORNEAL THICKNESS WITH MYOPIA – A CROSS-SECTIONAL STUDY IN A TERTIARY CARE CENTRE IN NORTH KERALA
Dr Meghana	PREVALENCE AND FACTORS ASSOCIATED WITH MACULAR EDEMA IN PATIENTS WITH TYPE 2 DIABETES AT A TERTIARY CARE CENTRE IN NORTH KERALA
Dr Aswin	EVALUATION OF INTRAOCULAR PRESSURE AND CORNEAL ENDOTHELIAL CHANGES FOLLOWING PANRETINAL PHOTOCOAGULATION IN PATIENTS WITH DIA BETIC RETINOPATHY.
Dr Hrithika	INTRAOCULAR PRESSURE, PERIPAPILLARY RETINAL NERVE FIBRE THICKNESS AND GANGLION CELL- INNER PLEXIFORM LAYER THICKNESS IN DIFFERENT GRADES OF MYOPIA
Dr Nishma	Corneal epithelial thickness changes in patients on topical antiglaucoma medications
Dr Jabeen	Association of BMI and lipid profile with OCT biomarkers in Diabetic macular edema
Dr Salma	Prevalence of refractive error in low birth weight children:A cross sectional study from a tertiary care centre north kerala
Dr Aneshwara	<i>PRE- AND POST-OPERATIVE CHANGES IN INTRAOCULAR PRESSURE AND OCT MORPHOLOGY OF ANTERIOR CHAMBER ANGLE FOLLOWING PHACOEMULSIFICATION IN SENILE CATARACT – A HOSPITAL BASED LONGITUDINAL STUDY IN A TERITIARY CARE CENTRE IN NORTH KERALA</i>

Dr Sandeep	Ocular surface dysfunction in diabetic and non-diabetic patients in a tertiary care centre in north kerala – a comparative study
Dr Aishwarya	Correlation of central corneal thickness with myopia – a cross-sectional study in a tertiary care centre in north kerala
Dr Meghana	Prevalence and factors associated with macular edema in patients with type 2 diabetes at a tertiary care centre in north kerala
Dr Aswin	Evaluation of intraocular pressure and corneal endothelial changes following panretinal photocoagulation in patients with diabetic retinopathy.
Dr Hrithika	Intraocular pressure, peripapillary retinal nerve fibre thickness and ganglion cell- inner plexiform layer thickness in different grades of Myopia
Dr Nishma	Corneal epithelial thickness changes in patients on topical antiglaucoma medications
Dr Jabeen	Association of BMI and lipid profile with OCT biomarkers in diabetic macular edema
Dr Salma	Prevalence of refractive error in low birth weight children:a cross sectional study from a tertiary care centre north Kerala
Dr Anashwara	Pre- and post-operative changes in intraocular pressure and oct morphology of anterior chamber angle following phacoemulsification in senile cataract – a hospital based longitudinal study in a tertiary care centre in north kerala

ONGOING RESEARCH WORKS

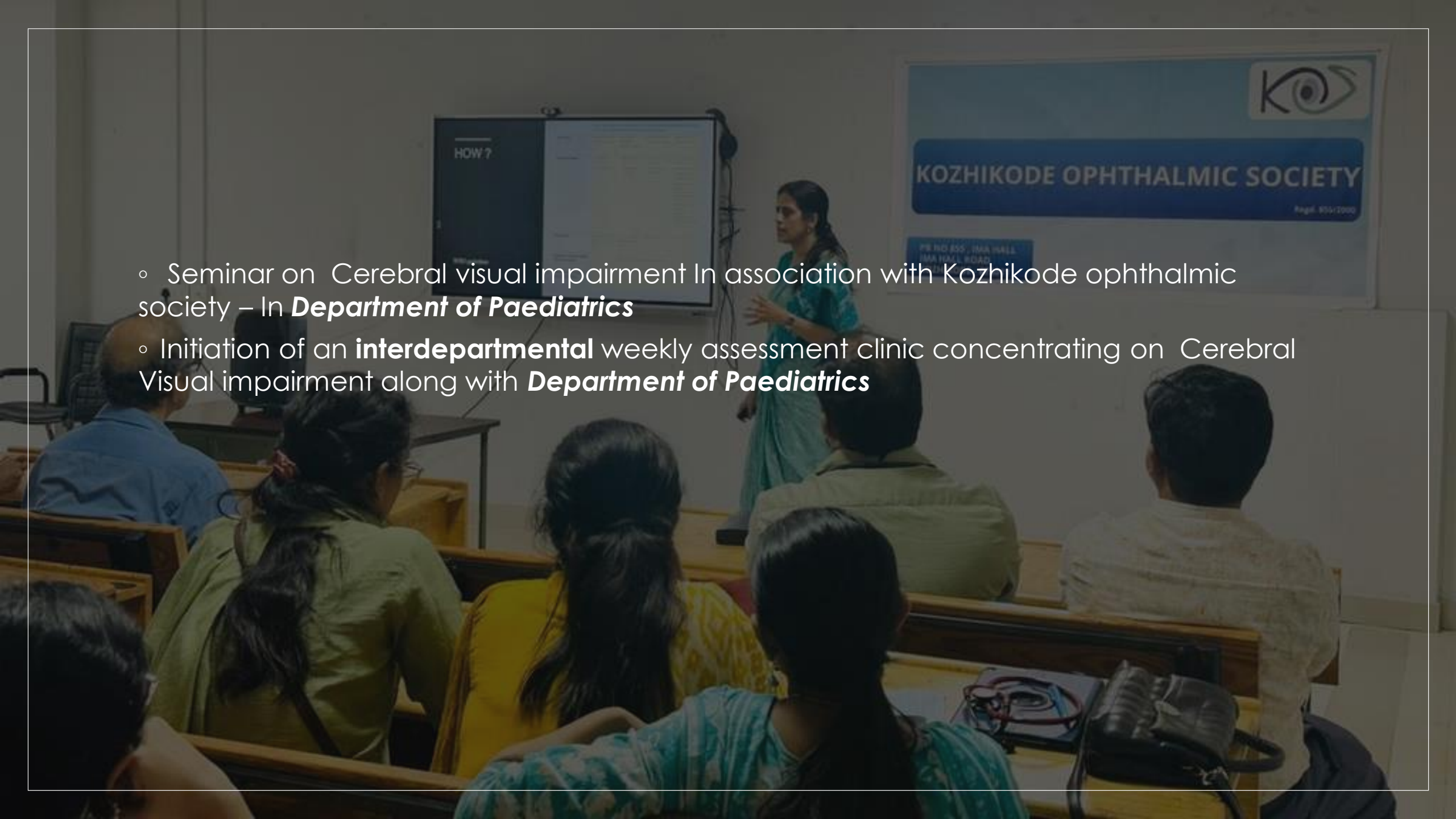
Including pg thesis projects

QUALITATIVE STUDY IN COLLABORATION WITH COMMUNITY MEDICINE DEPARTMENT



**PERSPECTIVES OF STAKEHOLDERS
REGARDING ASSESSMENT AND
TREATMENT OF REFRACTIVE ERROR
AND AMBLYOPIA IN PRE-SCHOOL
CHILDREN OF KOZHIKODE DISTRICT-
A QUALITATIVE STUDY**



- 
- Seminar on Cerebral visual impairment In association with Kozhikode ophthalmic society – In **Department of Paediatrics**
 - Initiation of an **interdepartmental** weekly assessment clinic concentrating on Cerebral Visual impairment along with **Department of Paediatrics**

WOW EYECONE CME CONDUCTED AT MMC -2023



Camps at community level



Blindness control programme at Balussery



MMC & ബാലുശ്ശേരി പഞ്ചായത്ത് അന്ധതനിവാരണപദ്ധതിക്ക് തുടക്കമായി MMC & ബാലുശ്ശേരി പഞ്ചായത്ത് അന്ധതനിവാരണപദ്ധതിക്ക് തുടക്കമായി

Blindness control programme at Ulliyeri

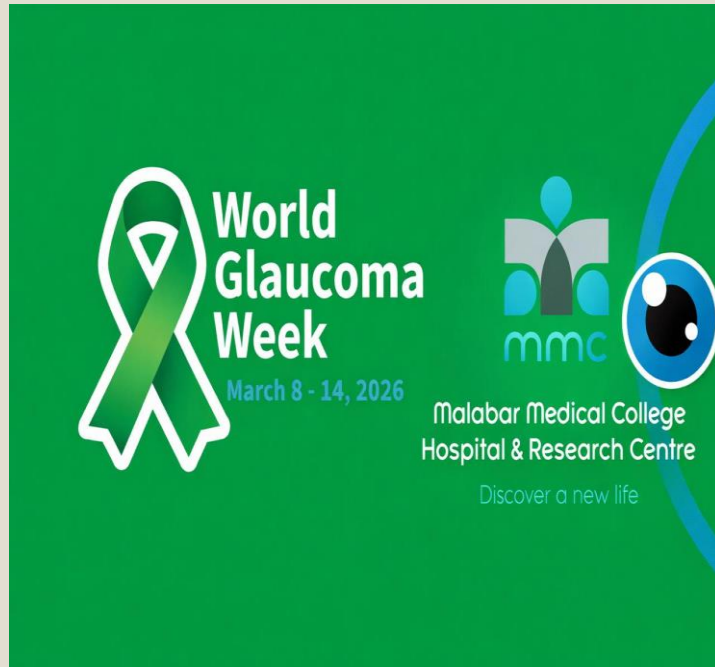


ഉള്ളൂരി പഞ്ചായത്ത്, ഉള്ളിയേരി MMC സ്മരയനം 2025 (പ്രദേശ അന്ധത നിവാരണ പദ്ധതിക്ക് തുടക്കമായി



ഉള്ളൂരി പഞ്ചായത്ത്, ഉള്ളിയേരി MMC സ്മരയനം 2025 (പ്രദേശ അന്ധത നിവാരണ പദ്ധതിക്ക് തുടക്കമായി

Glaucoma week conducted at MMC 2026



Glaucoma week at MMC 2024



Optometry service



Unusual procedures that hit the news
portals.....

Dirofilaria live worm removed from conjunctiva





ചുണ്ടക്കൊളുത്ത് കണ്ണിൽ തറച്ച യുവാവിന്റെ കാഴ്ച സംരക്ഷിച്ച് മലബാർ മെഡിക്കൽ കോളേജ്

മീൻപിടിത്തത്തിനിടയിൽ ഗുരുതരമായ അപകടം അതിവ സങ്കീർണ്ണമായ ശസ്ത്രക്രിയ വിജയകരമായി പൂർത്തിയാക്കി



അപകടം

കണ്ണിന്റെ നിർണായക ഭാഗത്തിനോട് ചേർന്ന നിലയിലായിരുന്നതിനാൽ കാഴ്ച നഷ്ടപ്പെടാൻ സാധ്യത വളരെ കൂടുതലായിരുന്നു



വിദഗ്ദ്ധസംഘം

ഡോ.മോന മുഹമ്മദ് അബ്ദുൽസലാം, ഡോ.ലക്ഷ്മി എനിവരൂടെ നേതൃത്വത്തിലുള്ള വിദഗ്ദ്ധ സംഘമാണ് അതിവ സങ്കീർണ്ണമായ ഈ ശസ്ത്രക്രിയ വിജയകരമായി പൂർത്തിയാക്കിയത്.



ശസ്ത്രക്രിയയ്ക്ക് ശേഷം



Ophthalmologically yours

THANK YOU