

**GOVERNMENT MEDICAL COLLEGE AND HOSPITAL,KARUR
DEPARTMENT OF OPHTHALMOLOGY**

Dr.T.R.Anuradha M.S(Ophthal) – Head of the department

Completed and published articles upto 2024

1. Evaluation of the causes of optic disc edema-An observational study
2. Correlation of the ocular perfusion pressure and intraocular pressure changes during hemodialysis in End stage renal disease-An observational study
3. Tear film analysis in patients on chronic anti-psychotic therapy
4. A study to analyse the causes of persistent post operative ptosis after cataract surgery
5. A study on prevalence of refractive errors,strabismus and amblyopia in pediatric age group in tertiary care centre
6. A Comparative study of tear film abnormalities after small incision cataract surgery in diabetic and non diabetic patients.
7. Comprehensive study of relative afferent pupillary defect in Kanyakumari medical college,Tamilnadu
8. A clinical study on severity of ocular injuries in orbital trauma at a tertiary trauma centre
9. A comparative study between oral vs combined antiviral in acute retinal necrosis

Dr.R.Sathiskumar M.S(Ophthal) – Associate professor

Completed and published articles upto 2024

- 1.Visual parameter status as a predictive factor for the outcomes of occlusion therapy in anisometric amblyopia
- 2.Efficacy and safety of intravitreal Triamcinolone acetonide in the management of recalcitrant Diabetic macular edema

Dr.P.Sharmila M.S(Ophthal)

Completed and published articles in 2025

- 1.Comparision of short term clinical results following implantation of acrylic foldable IOL and polymethyl methacrylate rigid IOL in diabetic patients

Ongoing Research (2025)

- 1.Visual and anatomical outcomes after three injections of intravitreal Bevacizumab (Avastin) in patients with Diabetic macular edema

Dr.Parameshwari D.O

Ongoing research (2025)

- 1.Comparative study of variation in IOP Spike following Nd YAG Capsulotomy between Normal and Diabetic population

Dr.Vasanthi mohanbabu D.O

Ongoing research (2025)

- 1.Comparative study on clinical outcomes and post operative astigmatism following pterygium excision with conjunctival autograft with autologous serum

MBBS Students-ICMR-STS

CRMI(2019 Batch) –On going research (2025)

Varun R, Bindhiya, Varshini U

Study on the ocular manifestations of patients presenting with eye injuries to Ophthal OPD

CRMI (2019 batch) - On going research (2025)

Sowmiya A E ,Sowndharya G , Sridhar T , Sriharan, Subhavishnudurga A Subashine S

Study on the various causes of red eye presenting in Ophthal OPD

CRMI (2019 batch) - On going research (2025)

Shanju vikashini N ,Sharmila A , Shivabalan K B , Sivasuryasen
Sneha gayathri, Sneha

Study on measurement of IOP on female patients coming to Ophthal OPD(More than 40 years of age)

CRMI (2020 batch) -On going research (2025)

Sakthi maheswari I T , Sana tahseen K

Study on incidence of Diabetic retinopathy in diabetic patients

Final year MBBS (2022 batch) - On going research (2025)

Pavita sree L B, Pradyumna E ,Priyanka G T

Cross sectional study of relationship between ocular dryness and screen time of digital devices among medical students