

**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

**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