

KRISHNA INSTITUTE OF MEDICAL SCIENCES
“DEEMED TO BE UNIVERSITY”KARAD
DEPARTMENT OF OPHTHALMOLOGY

Programme Name: Fellowship Vitreo-Retinal Surgery
Programme Code: 1716 . Course code : 1716-11

Preamble :

With India all set to become diabetes capital of the world, the incidence of retinal diseases associated with Diabetes Mellitus are also increasing. To add to that, the number of patients with cardiovascular diseases is also on rise and they add up to the retinal diseases. Besides these two life style related diseases, we also have many fold rises in cases of ocular trauma due to Road Traffic Accident as well as industrial and other work related accidents.

One of the important retinal pathology which affects our next generation is ROP, which requires a trained specialist to diagnose and manage it.

Considering the above mentioned factors there is a growing need for trained vitreo – retinal specialist in the society.

The fellow/ trainee will get a hands on experience while undergoing his fellowship.

In KIMS, Karad there are 3 Vitreo – Retinal surgeons who have undergone their training from the most premier institute of India. So they will get there different prospective of managing cases.

Also these being a charitable institute, the number of patients are significant.

Objectives:

1. The post graduate fellowship with respect to Vitreo-retina is intended at developing the post graduate student as a super specialist in the field of Vitreo- retinal diseases.
2. The post graduate fellow should diagnose correctly all Vitreo-retinal diseases.
3. Should be well versed with the investigation and imaging modalities in vitreo-retinal diseases.

4. Should be able to manage all medical retina cases.
5. Should be confident in doing LASERS and intravitreal injections.
6. Should be able to do buckling surgery without any supervision.
7. Should be able to do vitrectomies and uncomplicated retinal detachment surgeries without any supervision.
8. Should be able to do complex retinal detachment, TRD surgeries and macular surgeries under supervision.

○ **Qualification required** : MS Ophthal., DNB Ophthal.,
D.O./D.O.M.S. with 1 year experience
in teaching institute.

○ **Total duration** : 2 years

○ **Last 6 months** : Senior Resident

○ **First 3 months**

- Observership in outpatient department and OT
- Discussion with the consultants about OPD patients
- Indirect ophthalmoscopy, fundus charting, Slit lamp biomicroscopy

○ **3 to 6 months**

- Teaching of procedures- like Sub-tenon injections, pan retinal photocoagulation.
- Performing Fluorescein angiography, OCT and their interpretation

○ **6 to 9 months**

- Assisting in vitreo-retinal surgeries
- Macular lasers
- Barrage lasers, intravitreal injections under supervision

○ **9 to 12 Months**

- Steps of sclera buckling and basic vitrectomy under supervision.

○ **12 to 15 months**

- Independent medical retina and intravitreal injections

- Steps in advanced retinal detachment surgery and managing cataract complications
- SFIOL under supervision.

- 15 to 18 months

- Independent management of endophthalmitis and posterior segment complications of cataract surgery.
- Independent scleral buckling.
- Independent Vitrectomies for simple retinal detachments.
- Assisting in macular surgeries.

Weekly schedule

Alternate day OPD and OT

Day	9 am to 1 pm	3 pm to 5 pm
Monday	OPD	Journal clubs.
Tuesday	OT	Case presentation
Wednesday	OPD	PG teaching by fellow
Thursday	OT	Seminar
Friday	Grand rounds	Teaching by faculty
Saturday	OT	OFF

Three monthly evaluation of fellow

Fellowship Examination :

Theory – 100 Marks

Practical – 100 Marks

Viva – 100 Marks

Total 300 Marks

- **Maintaining Log Book.**