

Syllabus for Fellowship in Glaucoma

The Tamil Nadu Dr. MGR Medical University, Chennai

No.69, Anna Salai, Guindy, Chennai-600032

1. Title: Fellowship in glaucoma

2. Course Duration: 12 Months

3. Eligibility:

MS (Ophthal), MD (Ophthal) degree given by a medical university recognized by the MCI or a diplomate of the National Board of Examinations – DNB (Ophthal) given by the NBE, New Delhi.

4. Introduction:

The fellowship course is specifically designed to train ophthalmologists in the ophthalmic sub specialty of glaucoma

5. Course objective:

The curriculum for long term fellowship is to train the candidates in :

1. Examination and work up of glaucoma cases including applanation tonometry, gonioscopy and fundus examination using 78 D lens.
2. Interpretation of HFA print outs
3. Performing and interpreting OCT images
4. Performing and interpreting UBM
5. Laser procedures such as Nd YAG laser iridotomies and capsulotomies
6. Assisting consultants in managing cases in out patient
7. Participating in ongoing clinical trials
8. Teaching post-graduates
9. Participating in academic activities including seminars and journal clubs
10. Participating in glaucoma screening camps

11. Observing, assisting and performing the following surgical procedures:

- a. Trabeculectomy
- b. Trabeculotomy
- c. Combined cataract and glaucoma surgery
- d. Cyclocryotherapy

6. Logbook:

The fellow will maintain a log book with record of his training experience, teaching schedule, surgical exposure etc and submit the logbook during the time of exit exam.

7. Course Methodology:

1st Month:

Orientation regarding work up of glaucoma cases ie performing slit lamp examination, direct ophthalmoscopy, examination with 78 D lens and gonioscopy and maintenance of case records

2nd and 3rd Month:

Performing and interpreting HFA, OCT and UBM scan.
Observing lasers

4th and 5th Month:

Performing YAG laser capsulotomy and iridotomy. Observing and assisting surgeries

6th Month:

Observing and assisting surgeries

7th to 8th Month:

Assisting surgeries and performing surgeries independently

9th and 12th Month:

Observing and performing surgeries independently

8. Observership in other Institution:

During the fellowship course the candidate will be allowed to go for exposure to another institution imparting the same fellowship for a maximum period of 2 weeks.

9. Exit Exam:

The Exit exam will be conducted at the end of the fellowship according to the Tamil Nadu Dr. MGR Medical University guidelines.

10. Recommended Books:

1. Shields” Textbook of Glaucoma R Rand Allingham, et-al., – Fifth edition
2. Textbook of Glaucoma-Fourth edition –M.Bruce Shields
3. Becker-Shaffers” Diagnosis and therapy of the glaucomas-Allan E Kolker and John Hetherington
4. Automated Static Perimetry- Douglas R Anderson
5. Journal of Glaucoma. Lippincott Williams and Wilkins