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Director’s Message

ASG has taken an initiative to start a medical and surgical fellowship programme in the specialties of Phacoemulsification, Refractive Surgery, and Vitreoretina. ASG has been in the forefront in giving the young postgraduates the platform to grow into superlative ophthalmic surgeons.

ASG has more than 100 doctors working from leading institutes including AIIMS (New Delhi), Sankara Netralaya (Chennai), LVPEI (Hyderabad) and Aravind eye. We believe in nurturing young talent in practical aspects of ophthalmic sciences by hands-on experience in every aspect from basics to advanced training. These courses will become a cornerstone of surgical fellowship.
AIMS AND OBJECTIVE

This outline is intended to provide advanced specialty training (Fellowship) at ASG eye hospitals. The most unique point of completing the fellowship would be the structured approach and training in all practical aspects of the selected fellowship programme.

The fellowship programme aims to train the young postgraduate student of ophthalmology in real-world scenarios of examining and managing patients with practical planning approach and hands-on surgical training.

This will enable the fellow to successfully run an independent OPD and attain surgical proficiency along with the mastery of various minor procedures and investigations in OPD. The course also gives a chance to the fellows to conduct research and be involved in the teaching programme.

Additionally, Soft skills like communication, counselling, and the administrative management of hospital are expected to be imbibed in the course of the programme.
STRUCTURE OF THE PROGRAMME

Subspecialty courses offered:

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Last date of Application: 15th May 2021 by email to hr@asgeyehospital.com

Travel and accommodation to centre of exam will be borne by the Candidate.

Centre of Exam:
Jodhpur, Bhopal, Patna, Kolkata, Varanasi

Mode of Selection: MCQ and Interview on 20th May 2021

Criteria for Selection: Marks obtained in total

MCQ in General ophthalmology 30 Marks 1 hour duration

Publication: Maximum of 10 marks (5 marks for each publication only first author or corresponding author)
Interview: 10 marks

The result will be communicated on 21st May 2021 by email.

The Selected candidates would be required to submit the following certificates for verification by the Institute at the time of joining the training programme.
1. **MBBS Degree Certificate**

2. **MCI Registration / State Council Registration Certificate**

3. **PG-MS/DNB or DOMS certificate, whichever applicable**

These documents will remain in the safe custody of the Personnel Department and will return after completion of the course.

- **Date of Joining**: 1st June (in case of candidate not joining the seat will be offered to next eligible candidate)

- **Stipend**: 55000/- month (No Bond after fellowship)

- **Accommodation**: The candidate need to take accommodation on their own in a nearby location to hospital premises.

- **Course fee**: Nil

**Duty Schedule:**
Fellows are expected to attend hospital from 10 am to 7 pm with a lunch break in between. Emergencies will be handled under supervision on as and when basis. One-off day per week as per centre rules will also be given.
Leave Rules:
1 Casual leave/Month
The fellow will attend OPD and OT, initially under the supervision and then as per review, will be given independent work.

OPD:
Independent handling of patients including skills of refraction, independently operating various machines like AR, NCT, OCT, Fundus Picture, FFA, FieldsHVF, minor procedures like syringing, Ultrasonography A and B scan, PST injection, dispensing of drugs and counselling of patients will be the goal.

OT:
Direct Hands-on training will be provided to fellows as much as possible depending on the surgical proficiency and learning capability of the candidate. Peripheral posting of 1 month will be mandatory to increase surgical exposure.

Academic Schedule:
Case presentations and discussion, Patient rounds, and journal clubs will be held weekly.

Research Paper:
It is expected of the fellow to conduct and publish/present at least one original research work during the course of the fellowship. One paid trip to a national/state conference for paper presentation will be encouraged.
**Evaluation & Appraisal:**
Regular academic & clinical skills evaluations & appraisals will be conducted to monitor the candidates’ progress. The candidate will be required to appear for the periodic academic & clinical assessment programs for the resident doctors, every 3 months with the completion of their logbook, in the Institute. Their performance in these assessments will be considered at the time of award of fellowship completion certificate. All OPD patients, Procedures, OT notes will be meticulously recorded in the logbook.

**Discipline and Decorum:**
ASG reserves the rights to terminate the fellowship in instances of breach of discipline, decorum, and candidates not adhering to fellowship time schedule and guidelines.

**Future Opportunities:**
Based on the performance of the fellow, future placement in the various growing centres of ASG will be considered on priority.

**Faculty:**
- In house consultants
- Visiting consultants
- Guest faculty
PHACOEMULSIFICATION AND MEDICAL RETINA

Course Outline
The course will be divided into 6 segments of 3 months each with evaluation at end of every segment. Candidate will be required to achieve 50% marks of the total at end of fellowship.

1st Quarter
Basics, Investigation modality and uses OPD work up – History taking,
Refraction and examination. Investigations and Management approach.

Case presentation weekly Once. Total of 12 case presentations are compulsory. Wet lab, observation and ECCE training will be taught surgical handson.
- Lens anatomy and physiology
- History and refraction in Cataract patients
- Slit-lamp examination, 90D, and indirect ophthalmoscopy method
- Corneal topography and keratometry
- Optical coherence tomography, Gonioscopy, and HVF
- Ophthalmic Ultrasound (Ascan and B scan)
- IOL power calculation
- ECCE
- Work up of cataract patients
- Research methodology
- Research proposal
- Research topic presentation

2nd Quarter
Retina Basics, Investigation modality and uses OPD work up – History taking, Refraction and examination. Investigations and Management approach.

Case presentation weekly Once. Total of 12 case presentations are compulsory.

- Retinal anatomy and physiology
- History and refraction in retinal patients
- Slit lamp examination, 90D and indirect ophthalmoscopy method
- Fundus picture and fluorescein angiography
• Optical coherence tomography
• Amslerdubois chart and colour coding
• Ophthalmic Ultrasound
• HVF, ERG and Retcam imaging
• Work up of retinal patients and peripheral retinal lesions.
• Intravitreal Injections
• LASERS
• CRYO and PDT

3rd Quarter
Diagnosis and management of common pathologies. Case presentation weekly Once. Total of 12 case presentations. Phacoemulsification surgical training.

• Basics of ECCE/SICS
• Phacoemulsification basics and OVD’s
• Surgical steps (Rhesis, hydro dissection and delineation)
• Phacodynamics
• IOL insertion, irrigation, aspiration and closure
• Management of complication
• Glaucoma and cataract
• Subluxated cataractous lens
• Complicated cataract
• Pediatric cataract
• Traumatic cataract
• Anterior vitrectomy and SFIOIL

4th Quarter
Diagnosis and management of difficult cases
Case presentation weekly Once. Total of 12 case presentations.

• Macular telangiectasia and microaneurysm
• Macular hole and vitreomacular traction
• Epi-retinal membranes
• Pediatric retinal diseases
• Retinopathy of prematurity
• Uveitis Nomenclature and examination grading
• Vasculitis
• White dot syndromes
• Vitreous hemorrhage
• Ocular ischemic syndrome
• Ocular melanoma
• Retinoblastoma

5th Quarter
Case presentation weekly once. Total of 12 case presentations. SICS and Phacoemulsification surgical training

• Phacoemulsification in advanced IMSC
• Phacoemulsification in MSC
- Cataract in Operated LASIK and RK patients
- Multifocal IOL
- TORIC IOL
- EDOF IOL
- Cataract in operated VR and PPV
- Cataract in small pupil
- Anterior chamber and iris fixated IOL
- Pediatric cataract surgery
- Postoperative follow up and management
- Surgical recording and editing

**6th Quarter EXAMS**
Presentation weekly Once. Total of 12 presentations.
- MCQ’s Based on 1st quarter and Journal Club
- MCQ’s Based on 2nd quarter and Journal Club
- MCQ’s Based on 3rd quarter and Journal Club
- MCQ’s Based on 4th quarter and Journal Club
- MCQ’s Based on 5th quarter and Journal Club
- Research presentation
- Paper Presentation and analysis
- Surgical Audit- Cataract and Glaucoma
- Surgical Audit- Cataract in small pupil
- Surgical Audit- Cataract in advanced IMSC
- Surgical Audit- Intravitreal Injections
- Surgical Audit-LASER’s
Please complete ALL SECTIONS (BOTH SIDES) of this form using CAPITAL LETTERS

First name

Last Name

PRINT your name exactly as you wish it to appear on a certificate. Your name on all the documents, including the certificate, will be printed exactly as you write it on this application form. Please be sure that it is correct as no further changes will be allowed.

2. Address

City

State

Postal Code

Country

3. Gender

Male □

Female □

4. Nationality

5. Telephone number (including country code)

6. Email address
7. Date of birth________________________________________________________
8. Present place of work________________________________________________
9. Location/ Choice of Exam Centre
   a. JODHPUR □
   b. BHOPAL □
   c. PATNA □
   d. KOLKATA □
   e. VARANASI □

10. Subspecialty Choice Phacoemulsification and Medical Retina
    Choice  ➢  1. PATNA □  2. Kolkata □  3. Varanasi □
    Note: Please put Number in preference of your choice

11. Degree(s)/Qualifications(withdates) ________________________________
    ________________________________
    ________________________________
    ________________________________
    ________________________________

13. Medical Registration number and state of registration ________________

☐ I agree that my name can appear on the ASG website and that my photograph may be reproduced by ASG in connection with the Examination(s)

Please tick () the box and sign and date. I hereby apply to be admitted to the test to be held on 20th March 2020.

Signature of Candidate______________________________ Date _____________

Please scan this completed form to the following email address before 15th May 2021
hr@asgeyehospital.com

www.asgeyehospital.com
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**Mode of Selection:**
MCQ and Interview on 20th May 2021 and Result by e-mail on 21st May 2021.

**Criteria for Selection:**
Marks obtained in total MCQ in General ophthalmology 30 Marks 1 hour duration

**Publication:**
Maximum of 10 marks (5 marks for each publication only first author or corresponding author)

**Interview:**
10 marks

The result will be communicated on 21st May 2021 by email.

**Joining Date:**
1st June 2021

**Registration:**
Registration of state medical council should be taken once joined.

(Note: All efforts will be made to conduct the exam as per schedule. In case of Centre or state lockdown the schedule might change)