

PAEDIATRIC OPHTHALMOLOGY

INTERNATIONAL FELLOWSHIP
TRAINING PROGRAMME



Introduction

From a 11 bedded clinic in 1976, the Aravind Eye Care System has grown into what is now one is the most productive eye care organization in the world. Today its network of 15 hospitals, 118 vision centres and 8 community centres handle over 8.4 million outpatient visits and performs more than seven hundred thousand surgeries and ocular procedures each year. Aravind's high quality, high-volume, low-cost services have earned it a worldwide reputation for excellence and made it a much sought-after institute for clinical education and advanced surgical training.

The Aravind Eye Hospitals have well equipped Paediatric Ophthalmology services manned by suitably trained faculty to offer excellent scope for training in methods of diagnosis and management of various childhood eye problems such as strabismus, amblyopia, congenital cataract, congenital glaucoma and other congenital and developmental ocular disorders in children. Training is also provided in visual rehabilitation of children with low vision. The Institute has advanced structural facilities with examination rooms, operating suites, state-of-the-art equipment, as well as diagnostic, therapeutic and ancillary support services.

Course Objective

- The programme aims to train international ophthalmologists in the diagnosis and management of paediatric eye diseases, focusing on clinical evaluation, the use of various investigative procedures, medical management, and surgical intervention. This equips them with the fundamental knowledge and requisite skills to effectively manage the children with the eye diseases in their communities.

Highlights of the Course

- All Aravind Training centres are well equipped with wet labs, tele-ophthalmology network, class rooms and teaching facility, audio visual facility, library and resource centre. The institution provides various online resources accessible to all trainees.
- Surgeries supervised by senior instructors till the surgeon gains confidence to perform independent surgeries
- Structured lectures on various topics related to Paediatric ophthalmology
- Postoperative review of cases along with senior consultants
- Maintenance of Clinical and Surgical Log Records for documenting training and learning
- Exposure to school screening eye camps

Programme Details

Eligibility Criteria

- A qualified and practising ophthalmologist with a Postgraduate degree in ophthalmology from a recognised university

No. of Positions	1/centre
Duration	12 Months
Starting Date	January 1 st of every year
Training Centres	Madurai, Tirunelveli, Coimbatore, Pondicherry, Chennai & Tirupati

Course Outline

- The curriculum combines didactic learning, supervised clinical practice, surgical training, research, and participation in multidisciplinary teams to prepare fellows for independent subspecialty practice in Paediatric ophthalmology. The fellows will get ample opportunities for seeing a vast spectrum of pathologies.

Clinical Clinical & Diagnostic Procedure

- Electroretinography (ERG)
- Video electronystagmography (VENG)
- Indirect Ophthalmoscopy
- Squint evaluation /BVA
- Managing Myopia Clinic
- Hess & Diplopia charting (Manual & computerized Hess and binocular fields assessment)
- Vision therapy (Orthoptics exercises)
- Computer based Vision therapy (Bynocs)
- Biometry assessment
- Assessment of Paediatric Glaucoma
- Electroretinography Studies

Surgical techniques

- Surgical correction of Cataract as early as 10 weeks of age under General Anesthesia (GA)
- Surgical correction of all types of Strabismus under Anaesthesia appropriate for age (General/ Local)
- Examination under Anaesthesia: For young children who need detailed evaluation (where cooperation is a concern) and for whom various specialty opinions are required at the same time
- Observation of Electroretinography (ERG) and VEP under short GA in retinal dystrophies

- Strabismus surgery: Horizontal muscle surgery, vertical muscle surgery, oblique muscle surgery
- Surgery for Nystagmus
- Botulin toxin as a non-surgical management of strabismus

Academics

- Candidates will be able to participate in the journal clubs, resident lectures, and guest lectures.

Tuition Fee

- USD 7080 (Inclusive of 18% GST to the course fee)

Accommodation Tariff

- Accommodation will be provided for the selected candidates based on their request. Candidates posted in Madurai centre can stay at Inspiration trainee's hostel. Candidates selected for other centers, accommodation is available within Aravind Campus.

For Madurai: Please click [here](#) to view the information about tariff and other details of the trainee's hostel (**Inspiration**).

Food

- Food is served at the hostel itself and includes break-fast, lunch and dinner (local Indian menu) On Sundays, only breakfast will be provided. However, there are number of good restaurants located within walking distance. Food expenses are separate and can be paid at the Hostel mess on a monthly basis.

National Medical Commission Process

- It is mandatory for all the international candidates to get a temporary medical license from the National Medical Commission, Govt of India
- The application process will take minimum three months to complete which will be done through the organization only

Admission / How to Apply

Applicants are requested to apply through our website www.aravind.org
If you have difficulty in submitting the application form, you can contact the
course coordinator (uma@aravind.org).



ARAVIND EYE CARE SYSTEM