

Introduction

From an 11 bedded clinic in 1976, the Aravind Eye Care System has grown into what is now the large stand most productive eye care organization in the world. Today its network of Eleven hospitals, Sixty One vision centres and Six community centres handle over 48.3 million outpatient visits and performs more than Four hundred thousand surgeries each year.

Neuro-ophthalmology clinic

The Neuro-ophthalmology department of Aravind eye hospital Madurai has its origins in the Madurai Medical College – Government Rajaji Hospital - which started the department in 1967 which was the first of its kind in India. Subsequently when Aravind Eye Hospital and Post Graduate Institute was founded in 1976, the neuro-ophthalmology department was established.

Course objective

The three month training programme aims to enhance the clinical skills and in diagnosing and treating cases of Neuro-ophthalmology. The candidates will learn diagnostic techniques to identify vision impairment of neurologic aetiology as well as appropriate case management in a clinical setting. Emphasis will be placed upon efficient case workup, competent use of the hospital's diagnostic capabilities, and accurate interpretation of test findings.

Highlights of the course

The candidate will be able :

- To identify and differentiate a simple neurology case vs a neuro ophthalmic case
- To work up a neuro - ophthalmology case independently, accurately and be able to make a probable clinical diagnosis and perform a basic neurological examination in these cases.
- To interpret and evaluate cases with field defects, motility disorders, proptosis, fundus pathology of neuro-ophthalmic etiology, pupillary abnormalities and nystagmus
- To interpret visual fields by Humphrey automated perimetry.
- To perform and interpret Hess charting and diplopia charting.
- To evaluate and interpret simple plain X-rays, CT scans and MRI scans, including knowledge of scanning procedures / patient experience

Course Schedule

Week 1

Observation with

- Departments of Neuro-ophthalmology (Neuro ophthalmology tray and setup of the clinic)
- Orbit (Exophthalmometry, Ptosis measurement)
- Squint (Analysis of paralytic squint)
- Diplopia and Hess Chart and
- Glaucoma (Humphrey fields)

Week 2-3

- Workup of cases in Neuro-ophthalmology clinic

Week 4

Workup of cases in squint Clinic

- Doing prism cover tests for paralytic squint
- Diplopia charting
- Hess charting
- Observing forced duction tests
- Observation of squint surgeries in squint operation theatre

Week 5

Workup of cases in Orbit clinic

- Measurement of proptosis using exophthalmometer
- Work up of cases of proptosis of Neuro-ophthalmic aetiology
- Observing orbital ultrasound
- Observation of orbitotomies in orbit operation theatre

Week 6-12

Work up of cases in Neuro-ophthalmology clinic

Course outcome

At the end of the course, the candidate will be able to;

- Independently examine and perform diplopia/Hess/visual field charts
- The candidate will be able to identify and work up neuro-ophthalmic common cases -
 - Papilloedema
 - Optic atrophy
 - Cranial nerve palsies
 - Visual field defects
 - Cases of proptosis with Neuro-ophthalmic causes like glioma, etc
 - Bilateral optic neuritis
 - Traumatic optic neuropathy
 - Ocular Myasthenia

Eligibility Criteria

Qualifications	:	MS / DNB
No of positions	:	1/center
Duration	:	Three Months
Training centers	:	Madurai, Tirunelveli & Coimbatore

Course Fee

For Indian & Nepal Candidates - INR 17,700

For International candidates - USD 590

(Inclusive of 18% GST to the course fee)

Accommodation

Accommodation is available for selected candidates on request at the Aravind Hostels.

Candidates posted in Madurai centre can stay at “Inspiration” - An International trainees’ hostel.

For candidates selected in Tirunelveli and Coimbatore, accommodation is available at Postgraduate hostels. For Madurai: [Please click here](#) to view the information about tariff and other details of the trainee’s hostel (Inspiration).

For Tirunelveli & Coimbatore

- Rs. 3,000/month (for National candidates)

- USD 120/month (for International candidates)

Food

Food is served at the hostel itself and includes break-fast, lunch and dinner (local Indian menu).

Sunday is a holiday. 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.

Instructions

- Fill in the details directly on the given form (you may select the boxes, using the mouse)
- Save the file
- Send it as an e-mail attachment to training@aravind.org or send the print out through post / fax



Aravind Eye Hospital, No.1 Anna Nagar,
Madurai - 625 020, Tamil Nadu, India.

Phone : 91 - 452 - 4356 100

Fax : 91 - 462 - 2530984

Email : training@aravind.org

Website: www.aravind.org