

# Neuro Insight

AN UPDATE ON **NEURO-OPHTHALMOLOGY**

**JULY**  
**22-23**  
**2023**

## Venue:

SV Aravind Eye Hospital  
Tirupati

### International Faculty

**Dr. Prem Subramanian**, Professor, Division Head, Neuro-Ophthalmology, University of Colorado School of Medicine

**Dr. Umapathi N Thirugnanam**, Senior Consultant at Singapore National Eye center and National Neuroscience Institute

### National Faculty

**Dr. Virender Sachdeva**, Consultant, Paediatric-Ophthalmology, Strabismus and Neuro-Ophthalmology, Nimmagadda Prasad Children's Eye Care Centre (LVPEI), Visakhapatnam

**Dr. K.G. Srinivasan**, Consultant Radiologist, KGS Scan Centre, Madurai

**Dr. Anand Kumar Annamalai**, Consultant Diabetes and Endocrine Specialist, Ashwin Specialty Hospital, Madurai

**Dr. V.R. Roopesh Kumar**, Consultant Neurosurgeon, MGM hospital, Chennai

**Dr. R. Nandhagopal**, Professor, Department of Neurology, SVIMS, Tirupati

### Aravind Faculty

**Dr. Mahesh Kumar**, Consultant, Neuro-Ophthalmology, Aravind Eye Hospital, Madurai

**Dr. A. Kowsalya**, Consultant, Neuro-Ophthalmology, Aravind Eye Hospital, Madurai

**Dr. K. N. Jayasri**, Consultant, Neuro-Ophthalmology, Aravind Eye Hospital, Madurai

**Dr. Padmavathy Maharajan**, Consultant, Neuro-Ophthalmology, Aravind Eye Hospital, Tirunelveli

**Dr. Nirmala Devy**, Consultant, Neuro-Ophthalmology, Aravind Eye Hospital, Chennai

**Dr. Madhumita Gopal**, Consultant, Neuro-Ophthalmology, Aravind Eye Hospital, Chennai

**Dr. Virna Shah**, Consultant, Neuro-Ophthalmology, Aravind Eye Hospital, Coimbatore

**Dr. Karthik Kumar**, Consultant, Neuro-Ophthalmology, Aravind Eye Hospital, Coimbatore

**Dr. Preeti Mohanty**, Consultant, Neuro-Ophthalmology, SV Aravind Eye Hospital, Tirupati

**Dr. Balraj. A.**, Consultant, Neuro-Ophthalmology, Aravind Eye Hospital, Pondicherry

**Dr. A. Rupa**, Consultant, Paediatric-Ophthalmology, Aravind Eye Hospital, Madurai

## Day 1 - 22<sup>nd</sup> July 2023

Time	Topic	Speaker
<b>07:45 AM - 08:15 AM</b>	<b>Registration</b>	
08:15 AM - 08:30 AM	Inauguration/Lighting lamp and welcome address	Dr. Ashok Vardhan, CMO
08:30 AM - 08:45 AM	Key note address	Chief guest
08:45 AM - 09:00 AM	Role of ophthalmologist in neurological disorders	Dr. G. Natchiar, Director Emeritus
<b>SESSION 1 : Basics and advanced: 2 sides of a coin</b>		
Panelist: Dr. Mahesh Kumar, Dr. Virna Shah, Dr. Nirmla Devy		
09:00 AM - 09:15 AM	History taking in neuro-ophthalmology	Dr. Balraj. A
09:15 AM - 09:30 AM	Examination in neuro-ophthalmology	Dr. Madhumita Gopal
09:30 AM - 09:50 AM	Normal and abnormal pupil	Dr. Mahesh Kumar
09:50 AM - 10:10 AM	OCT in neuro-ophthalmology	Dr. Padmavathy Maharajan
<b>10:10 AM - 10:25 AM</b>	<b>Tea break</b>	
<b>SESSION 2 : What's all the fuss about fuzzy disc</b>		
Panelist: Dr. Prem Subramanian, Dr. A. Kowsalya, Dr. Padmavathy Maharajan		
10:25 AM - 10:45 AM	Approach to Disc edema. Unilateral, Bilateral, and Pseudo disc edema. Case based approach	Dr. Nirmla Devy
10:45 AM - 11:05 AM	Optic neuritis (typical/atypical)	Dr. Prem Subramanian
11:05 AM - 11:25 AM	Anterior Ischemic Optic Neuropathy	Dr. A. Kowsalya
11:25 AM - 11:45 AM	Idiopathic intracranial hypertension	Dr. Padmavathy Maharajan
<b>SESSION 3 : Visual loss- Exploring the hidden realms</b>		
Panelist: Dr. Virna Shah, Dr. Karthik Kumar, Dr. A. Kowsalya		
11:45 AM - 12:00 PM	Painless and painful visual loss	Dr. Virna Shah
12:00 PM - 12:15 PM	Transient visual loss	Dr. Karthik Kumar
12:15 PM - 12:30 PM	Functional visual loss	Dr. Prem Subramanian
12:30 PM - 12:40 PM	Discussion	
<b>12:40 PM - 01:40 PM</b>	<b>Lunch</b>	
<b>SESSION 4 : Duplication dilemma</b>		
Panelist - Dr. T. Umapathi, Dr. Prem Subramanian		
01:40 PM - 02:00 PM	Interpreting nystagmus	Dr. Umapathi N Thirugnanam
02:00 PM - 02:30 PM	Neurogenic causes of diplopia	Dr. Prem Subramanian

02:30 PM - 02:50 PM	Ocular manifestations in neuromuscular disorders	Dr. Umapathi N Thirugnanam
02:50 PM - 03:10 PM	Gaze palsy	Dr. Umapathi N Thirugnanam
<b>SESSION 5 : Neuro-ophthalmic emergencies</b>		
03:10 PM - 03:25 PM	Electro Physiology in Neuro-ophthalmology	Dr. A. Rupa
03:25 PM - 03:40 PM	Traumatic optic neuropathy	Dr. K. N. Jayasri
<b>03:40 PM - 03:50 PM</b>	<b>Discussion</b>	
<b>03:50 PM - 06:30 PM</b>	<b>Workshop</b>	

<b>Day 2 – 23<sup>rd</sup> July 2023</b>		
Time	Topic	Speaker
<b>SESSION 1 : The deathly pallor, all that one needs to know</b>		
	Panelist: Dr. Mahesh Kumar, Dr. Virender Sachdeva	
08:00 AM - 08:20 AM	Evaluating pale disc	Dr. Virender Sachdeva
08:20 AM - 08:30 AM	<b>Discussion</b>	
<b>SESSION 2 : Helping hands - Others pitching in</b>		
Panelist: Dr. R. Nandhagopal, Dr. Roopesh Kumar		
08:30 AM - 09:15 AM	Neuroimaging in neuro-ophthalmology	Dr. K. G. Srinivasan
09:15 AM - 09:45 AM	Endocrine reflection from eye	Dr. Anand Kumar Annamalai
09:45 AM - 10:15 AM	Interesting neuro ophthalmic cases, from a neurologist view	Dr. R. Nandhagopal
10:15 AM - 10:35 AM	Ocular manifestations and surgical advances in intra cranial tumors	Dr. V. R. Roopesh Kumar
<b>10:35 AM - 10:45 AM</b>	<b>Discussion</b>	
<b>10:45 AM - 11:00 AM</b>	<b>Tea break</b>	
<b>SESSION 3 : Cracking the code</b>		
11:00 AM - 11:15 AM	Newer investigative modalities	Dr. Virender Sachdeva
11:15 AM - 11:30 AM	Educational resources in neuro-ophthalmology	Dr. Mahesh Kumar
11:30 AM – 11:50 AM	Visual Fields in neuro-ophthalmology	Dr. Virender Sachdeva
<b>11:50 AM - 12:45 PM</b>	<b>Interesting case presentation</b>	
<b>12:45 PM - 01.30 PM</b>	<b>Lunch</b>	
<b>01.30 PM – 02.30 PM</b>	<b>Quiz</b>	
<b>02.30 PM – 03.00 PM</b>	<b>Prize distribution, Vote of thanks</b>	