



LV Prasad Eye Institute



ONLINE GLAUCOMA COURSE



Launch
Date

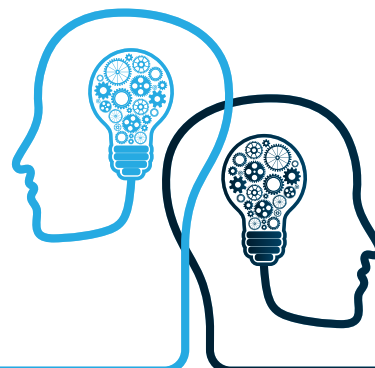
07th
September
2022

About the Course

Glaucoma is the most common cause of irreversible and preventable vision loss across the world. Up to 90% patients with Glaucoma in India remain undiagnosed. Many on treatment do not have glaucoma. This course will help you learn how to accurately identify and appropriately manage glaucoma. The participants will be given preference for hands-on basic and advanced glaucoma sessions where the clinical examination, lasers and surgeries (trabeculectomy, implants, and MIGS) will be taught in the wet-lab.

What You Will Learn (Learning Objectives)

- ◉ Understanding symptoms and signs of glaucoma
- ◉ Performing appropriate applanation, gonioscopy and disc examination
- ◉ Identifying cause of raised intraocular pressure in secondary glaucomas
- ◉ Medical management of glaucoma
- ◉ Performing lasers in glaucoma (peripheral iridotomy, iridoplasty)
- ◉ Understanding glaucoma surgeries



Faculty



Dr. Anil K Mandal

Consultant, Jasti V Ramanamma Children's Eye Care Centre Consultant, VST Centre for Glaucoma Care

Dr. Anil Kumar Mandal is a glaucoma specialist with particular interest and expertise in developmental glaucoma. Dr. Mandal was trained at the University of Calcutta and at the All-India Institute of Medical Sciences (AIIMS), New Delhi. He completed his fellowship in glaucoma and emergency ophthalmology at AIIMS. He was a visiting research fellow at the Kellogg Eye Care Centre and the Doheny Eye Institute in the United States. His research focuses on the clinical and genetic aspects of glaucoma in adults and children, which earned him the Shanti Swarup Bhatnagar Award for excellence in science from the Government of India in 2003; he was the first ophthalmologist to receive this award. In 2009 he was elected as fellow of the National Academy of Medical Sciences for his contribution to science and ophthalmology.



Dr. Aparna Rao

Consultant Ophthalmologist

Dr. Aparna Rao completed her basic medical education from Maharashtra, followed by a diploma in ophthalmology from Guru Nanak Eye Centre, Maulana Azad Medical College, New Delhi and a MD (DNB) from ICARE Eye Hospital and Glaucoma Research Institute, Noida, Uttar Pradesh. She further did a postdoctoral research fellowship in glaucoma at the Rajendra Prasad Centre for Ophthalmic Sciences, All India Institute of Medical Sciences, New Delhi; where she also worked as a research associate (ICMR, Delhi) for a couple of years. She then did a glaucoma fellowship at LVPEI, Hyderabad before joining LVPEI, Bhubaneswar. Her areas of interest are research on angle closure glaucoma, congenital glaucoma, pseudoexfoliation and stem cells. She has to her credit many publications in peer-reviewed journals and is currently a reviewer for three peer-reviewed ophthalmic journals.



Dr. Avik Kumar Roy

Consultant Ophthalmologist

Dr. Avik Kumar Roy completed his basic medical training from Medical College, Kolkata in the year 2006. In 2011 he did his MS in ophthalmology from Regional Institute of Ophthalmology, SCB Medical College, Utkal University, Odisha. This was followed by a fellowship in Glaucoma at LVPEI, Hyderabad. Currently he is associated with LVPEI, Bhubaneswar as Consultant, Glaucoma Service. His areas of interest include secondary glaucoma and glaucoma following vitreoretinal surgery.



Dr. Deepthi Molleti

Consultant Ophthalmologist

Dr. Deepthi Molleti completed her MBBS from Sri Devraj Urs Medical College. She then pursued Diploma in Ophthalmic Medicine and Surgery from JJM Medical College, Davanagere, and DNB from Sankara Eye Hospital, Bangalore. Subsequently, she did a fellowship in Cataract and Community Ophthalmology, followed by Glaucoma, all from Sankara Netralaya, Chennai. Her special interest lies in teaching, research, and academic activities.



Dr. G Chandra Sekhar

Vice Chair Emeritus and Consultant, VST Centre for Glaucoma Care

Dr. G Chandra Sekhar (popularly known as Dr. GC) has been associated with L V Prasad Eye Institute since its inception in 1987 and is currently Vice Chair Emeritus. The institution of a Chair in his name the 'G Chandra Sekhar Chair of Director of Education' in 2003 was in recognition of his contributions as the Director of Education at L V Prasad Eye Institute. He has published over 200 papers in national and international peer reviewed journals and has been a reviewer for a number of Ophthalmology journals. He holds the position of Clinical Professor at the University of Rochester and has been a Visiting Professor at University of California, San Diego, USA. Dr. GC has served as the President of the Glaucoma Society of India (2005-06). He has served on the Clinical Guidelines Committee of ICO. Dr. GC has been a Governor of the World Glaucoma Association Board from 2013 to 2017.



Dr. Gazella B Warjri

Consultant Ophthalmologist

Dr. Gazella Bruce Warjri completed her medical graduation from Gauhati Medical College and Hospital, Guwahati and did her post-graduation from ESI-PGIMSR, Basaidarapur, New Delhi. During her senior residency at the prestigious Dr. Rajendra Prasad Centre for Ophthalmic Sciences at the All-India Institute of Medical Sciences (AIIMS), New Delhi, she trained in glaucoma and neuro-ophthalmology. A National Talent Search and State Talent Search awardee, Dr. Warjri has several papers in peer-reviewed journals to her credit. She has presented in many national and international conferences and recently received 2nd prize for the best paper at the annual Delhi Ophthalmological Society Conference - 2021. The area of her clinical interest is primary angle-closure glaucoma (having a huge burden on total blindness in India), its causes and its mechanism. She is keen on finding better diagnosis and management protocols for it.



Dr. Gowri Pratinya Kolipaka

Faculty, Glaucoma, LVPEI, Hyderabad

Dr. Gowri Pratinya Kolipaka obtained her MBBS degree from Mamata Medical College in 2012, and DNB (Ophthalmology) from Sankara Nethralaya, Chennai, where she was awarded the Gold Medal. She then pursued a long-term fellowship in Glaucoma at LV Prasad Eye Institute, Hyderabad. She is a consultant in the department of Glaucoma at LV Prasad Eye Institute. She is closely associated with academic training and research initiatives in the department. Her areas of interests include secondary glaucomas and imaging in glaucoma.



Dr. Mayank Rai

Consultant Ophthalmologist

Dr. Mayank Rai has completed his primary medical education from Kasturba Medical College, Manipal at Karnataka. He then completed his DNB in Ophthalmology from JPM Rotary Club of Cuttack Eye Hospital and Research Centre, Cuttack, Odisha. Subsequently, he pursued a 2-year fellowship in Glaucoma from L V Prasad Eye Institute, Hyderabad. Dr. Mayank's clinical interests include cataract surgeries, glaucoma surgeries (trabeculectomy and glaucoma drainage devices), post keratoplasty glaucoma and congenital glaucoma. His research focuses on reducing the incidence and morbidity related to blindness secondary to glaucoma. He has presented at various national and international conferences and has published in many international journals.



Dr. Nikhil Choudhari

Consultant, VST Centre for Glaucoma Care

Dr. Nikhil did his DNB (Ophthalmology) from Sankara Nethralaya, Chennai, followed by a long-term fellowship in glaucoma from LVPEI, Hyderabad. He was a glaucoma and neuro-ophthalmology consultant at Sankara Nethralaya, Chennai from 2006 to 2010. He was a co-investigator of a couple of population-based glaucoma studies. He has made several international and national presentations, published in peer-reviewed journals and is a co-author of Sankara Nethralaya's Atlas of Neuro-ophthalmology. He has won several awards, including the 'GSI-Pfizer Best Paper Award' at the 4th SEAGIG International Glaucoma Conference in 2006. Currently he is a consultant at LVPEI and takes care of patients with disorders of the optic nerve, including glaucoma. He is a member of the Glaucoma Society of India and the All-India Ophthalmological Society.



Dr. Nibedita Sahoo

Consultant Ophthalmologist

Dr. Nibedita Sahoo completed her MBBS from VSS Medical College and Hospital, Sambalpur University, Odisha, with a Gold Medal in Medicine. Later she pursued her MS in Ophthalmology from MKCG Medical College, Berhampur, followed by a long-term fellowship in Comprehensive Ophthalmology and Cataract Surgery. Subsequently, Dr. Sahoo completed sub-speciality training in glaucoma from L V Prasad Eye Institute and joined as a faculty. Her areas of clinical interest include angle-closure glaucoma and secondary glaucoma.



Dr. Ramyashri S.

Consultant Ophthalmology

Dr. Ramyashri completed her medical graduation from M S Ramaiah medical college, Bangalore and then pursued her post-graduation training in ophthalmology from Regional Institute of Ophthalmology, Minto Eye Hospital, Bangalore. She continued her long-term training in glaucoma in the same institute before practising in Bangalore. She pursued long-term fellowship in glaucoma at LVPEI before joining here as faculty.



Dr. Siddharth Dikshit

Consultant Ophthalmologist, VST Centre for Glaucoma Care

Dr. Siddharth Dikshit completed his Diploma in Ophthalmology from Christian Medical College, Vellore and joined L V Prasad Eye Institute, Hyderabad for his residency. He pursued his interest in glaucoma and his long-term fellowship at L V Prasad Eye Institute as the Chief Fellow. His main areas of interest are angle-closure glaucoma and minimally invasive glaucoma surgery. He has special interest in innovating modifications in glaucoma lasers and surgery to make it more effective and safer for patients. His work has been presented in papers, posters and videos in national and international conferences and won awards for same and has published in international journals."



Dr. Sirisha Senthil

Head, VST Centre for Glaucoma Care

Dr. Sirisha Senthil completed her medical education from Rajah Muthiah Medical College, Annamalai University, followed by postgraduate training in ophthalmology from Aravind Eye Hospital, Madurai, Tamil Nadu, securing a first rank in ophthalmology and otorhinolaryngology from the university (1993-1994). She did her FRCS in Ophthalmology from Edinburgh in 2000, followed by a fellowship in glaucoma at LVPEI and training in contact lens, phacoemulsification and small incision cataract surgery at Chennai and Madurai. She worked at several hospitals as registrar, assistant professor and consultant before joining LVPEI in 2007. She is an investigator for several studies, has published scientific papers in peer-reviewed journals and co-authored a book 'Clinical Ophthalmology Made Easy'. She has presented over 60 papers at national and international forums. She received the "Best scientific paper" award at the Glaucoma Society meeting in 2007, APOC 2012, APAO and AIOS 2013, and "Best video" award at GSI in 2007, 2009, 2011 and 2012, Fusion 2012, and WGC 2015. She specialises in managing refractory adult and paediatric glaucoma. Her other areas of interest are glaucoma drainage implants and managing combined cataract and glaucoma.

Modules In This Course

Module 1

Measuring Intraocular Pressure

- 👁️ Technique of Tonometry with Goldmann Applanation tonometer, Icare and Tonopen
- 👁️ Keynote Lecture
- 👁️ Tonometry Advanced: Calibration of Tonopen, DCT, ORA, Current Role of Schiotz, Home Tonometry
- 👁️ Interactive case-based Discussion
- 👁️ Interactive Quiz

Module 2

Gonioscopy

- 👁️ Gonioscopy Gyan: The Technique of Gonioscopy
- 👁️ Angle Darshan: Common and Rare findings: An Interactive Session

Module 3

Optic Disc Evaluation

- 👁️ Disc hai to ishq hai
- 👁️ The Dark Side of the Moon: Discs: Glaucomatous or Neurological
- 👁️ Identifying the dark amidst the light-RNFLD detection
- 👁️ The Three Musketeers: Disc-Field-Imaging Correlation

Module 4

Visual Fields

- 👁 Thinking like the perimeter: What does the machine do?
 - 👁 A critical evaluation of a critical document: The single field printout
 - 👁 Make a progress in diagnosing progression in Glaucoma
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Module 5

Imaging in Glaucoma

- 👁 Interpretation of OCT
 - 👁 OCT in Clinical Situations: Utility and Pitfalls
 - 👁 OCT Angiography in Glaucoma: Utility and Pitfalls
 - 👁 Imaging in Angle Closure: An Aid or A Must
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Module 6

Pediatric Glaucoma

- 👁 Close companions and masquerades: Evaluation of Pediatric Glaucomas
 - 👁 What's in a name: Secondary Pediatric Glaucoma
 - 👁 Not a child's play: Management of Pediatric Glaucomas
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Module 7

Secondary Glaucomas

- 👁 Genetics of Primary and secondary Glaucoma's in children and adults
 - 👁 Cause no harm: Post-surgical Glaucoma's
 - 👁 It's all behind you: Neovascular glaucoma
 - 👁 It hurts: Glaucoma in Trauma
 - 👁 How do you manage the last few patients of lens induced glaucoma in India
 - 👁 Covid & Glaucoma
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Module 8

Open Angle Glaucomas

- 👁 Master the clinical situations in Steroid-Induced Glaucoma
- 👁 Master the clinical situations in Pseudoexfoliation
- 👁 Master the clinical situations in Normal tension glaucoma
- 👁 Trials in POAG

Module 9

Imaging in Glaucoma

- 👁️ Looking deep in the shallow angle
- 👁️ Lasers in angle closure glaucoma
- 👁️ Cataract surgery and beyond in angle closure glaucoma
- 👁️ LVPEI Protocol for Angle Closure Glaucoma

Module 10

Medical Management of Glaucoma

- 👁️ Ye boond roshni ke: Knowing glaucoma medications
- 👁️ Laying the foundation: Principles of medical management
- 👁️ T/t or not to t/t, one or two drugs, fixed combination use

Module 11

Surgical Management

- 👁️ Trabeculectomy: Is it here to stay or on the way out?
- 👁️ Solutions to Post-surgical Challenges: Post-operative management of a trabeculectomy
- 👁️ Surgery complication management
- 👁️ Confusions in Combined Surgery for Cataract and Glaucoma
- 👁️ Implants: A critical surgery for critical situations
- 👁️ To impale or implant
- 👁️ Minimally invasive or minimally effective
- 👁️ Overhanging and Leaking Bleb: Management

Course Duration



September 2022 to August 2023

Target Audience (Who can take this course?)

Post-graduate students and comprehensive ophthalmologists who wish to learn evaluation and management of glaucoma

Workshops

You can also register for two synced workshops separately:

Date	Workshop	Topics Covered
14 th May, 2023	LVPEI Basic Glaucoma Workshop	Diagnostics: Tonometry , Gonioscopy, Disc Workshop
		Lasers: YAG PI, Iridoplassty, Sequential lasers
		Surgery: Trabeculectomy
11-12 th August, 2023	LVPEI Advanced Glaucoma Surgical Workshop	Implants (AGV, AADI), MIGS

If you're interested, please [click here](#) and let us know. Seats are limited!

Certificate by L V Prasad Eye Institute



Link: <https://lvpei.docmode.org/online-glaucoma-course/>

In Partnership with

