



ARAVIND
EYE CARE SYSTEM

IPGS 2025

Annual Conference of
INDIAN PAEDIATRIC GLAUCOMA SOCIETY

12th – 13th December 2025 | Fortune Pandyan Hotels Limited, Madurai

PROGRAM BOOK

Surgical options - The Gold standard and the emerging options in Paediatric glaucoma

Hall A

**DAY
1**

 **Dec 12th**

 **09:00 AM TO 10:15 AM**

Chairperson : Dr.Ta Chen Peter Chang, Dr.R Ramakrishnan

Moderator : Dr.Sushmita Kaushik

Panelist : Dr.Dewang Angmo, Dr.Rashmi Krishnamurthy, Dr.Ganesh Venkataraman, Dr.George Varghese Puthuran, Dr.Sirisha Senthil

No.	Topic	Speaker	Min
1.	Introduction to Keynote speaker	Dr. Sushmita Kaushik	2
2.	Keynote address : Role of diagnostic criteria and severity staging in prognosticating childhood glaucoma outcomes	Dr. Ta Chen Peter Chang	15
3.	Goniotomy vs. BANG/ KDB/GATT? When, Where and How?	Dr. Dewang Angmo	8
4.	Combined Trabeculotomy with Trabeculectomy: The Gold standard	Dr. Rashmi Krishnamurthy	8
5.	Deep Sclerectomy in Childhood glaucoma	Dr. Ganesh Venkataraman	8
6.	GDD Primary and as repeat surgery: Indications, precautions and challenges	Dr. George Varghese Puthuran	8
7.	Paul implant in Paediatric glaucoma	Dr. Sirisha Senthil	8

Debates

Hall A

DAY
1

📅 Dec 12th

🕒 10:40 AM TO 11:55 AM

Chairperson : Dr.Shantha Balekudaru, Dr.Beth Edmunds, Dr.Pandav Surinder Singh

Moderator : Dr.Subashini Kaliaperumal

Panelist : Dr.Parivadhini Annadurai, Dr.Gowri J Murthy, Dr.Gowri Pratinia Kolipaka, Dr.Mohideen Abdul kader, Dr.Prasanna V, Dr.Velamala Indu Pavani, Dr.Ashok Kumar Singh, Dr.Mona Khurana, Dr.Tania Ray Bhadra

No.	Topic	Speaker	Min
1.	Introduction to Keynote speaker	Dr. Subashini Kaliaperumal	2
2.	Keynote Lecture: 360 Trabeculotomy ab interno	Dr. Beth Edmunds	15
3.	Debate 1 - Applanation type Tonometer	Dr. Tania Ray Bhadra	5
3.	Debate 1 - iCare Tonometer	Dr. Mona Khurana	5
4.	Debate 2 - Sedation as a protocol	Dr. Shantha Balekudaru	5
4.	Debate 2 - EUA selectively with indications	Dr. Ashok Kumar Singh	5
5.	Debate 3: 4 year old, IOP 32 mm Hg, neglected PCG , HCD 13 mm, 0.9 CDR - Angle surgery	Dr. Mohideen Abdul kader	5
5.	Debate 3: 4 year old, IOP 32 mm Hg, neglected PCG , HCD 13 mm, 0.9 CDR - Glaucoma Drainage Device	Dr. Prasanna V	5
5.	Debate 3: 4 year old, IOP 32 mm Hg, neglected PCG , HCD 13 mm, 0.9 CDR - Trabeculectomy	Dr. Velamala Indu Pavani	5
6.	Debate 4: Glaucoma in Pseudophakia - Endoscopic Cyclophotocoagulation	Dr. Gowri J Murthy	5
6.	Debate 4: Glaucoma in Pseudophakia - Primary Glaucoma Drainage Device	Dr. Gowri Pratinia Kolipaka	5
6.	Debate 4: Glaucoma in Pseudophakia - Primary Trabeculectomy	Dr. Parivadhini Annadurai	5

Case based Presentation

Hall A

DAY
1

 Dec 12th

 12:00 PM TO 01:00 PM

Chairperson : Dr.Anil Kumar Mandal

Moderator : Dr.Gowri Pratinya Kolipaka

Panelist : Dr.Subashini Kaliaperumal, Dr.Rathini Lilian David, Dr.Shikha Gupta, Dr.Sripriya Krishnamoorthy, Prof.Viney Gupta

No.	Topic	Speaker	Min
1.	Introduction to Keynote speaker	Dr. Gowri Pratinya Kolipaka	2
2.	Keynote Lecture: JOAG: Genomics, how different is the phenotype, associated ocular and systemic conditions and management	Prof. Viney Gupta	15
3.	The Large Eye Suspect	Dr. Subashini Kaliaperumal	5
4.	The Cornea Suspect	Dr. Rathini Lilian David	5
5.	The IOP suspect	Dr. Sripriya Krishnamoorthy	5
6.	The Disc Suspect	Dr. Shikha Gupta	5

Free Papers- Research Presentations

Hall A

DAY
1

 Dec 12th

 02:00 PM TO 03:30 PM

Chairperson : Dr.Krishna Das R

Moderator : Dr.Parivadhini Annadurai

Judge : Dr.Ta Chen Peter Chang, Dr.Pandav Surinder Singh, Dr.Gowri J Murthy, Prof.Kanwal Ken Nischal

Introduction to Keynote speaker - Dr. Parivadhini Annadurai

Keynote Speaker: Congenital Corneal Opacities - Dr. Kanwal Ken Nischal

No.	Topic	Speaker	Min
FP4	Genetic Overlap of PLOD1/2 Mutations in Brittle Cornea Syndrome, PCG, and JOAG	Dr.Anand Kumar Pathak	7
FP11	Long-term Cognitive Changes in Children with Glaucoma Associated with Multiple Anaesthesia Exposures	Dr.Ayushi Sachan	7
FP14	2 Year Outcomes: Gonioscopy-Assisted Transluminal Trabeculotomy (GATT) in Early Childhood Glaucoma	Dr.Anchal Gera	7
FP20	Novel insights into CPAMD8 Variants causing congenital and juvenile onset glaucoma	Dr.Velamala Indu Pavani	7
FP24	Genotype-Phenotype Correlation in CYP1B1 - Primary Congenital Glaucoma: Insights from South India	Dr.Rashmi Krishnamurthy	7
FP30	QOL of Children with Glaucoma (CG) and their Caregivers in Rural South India: Cross-Sectional Study	Dr.Kesav Srikanth	7
FP32	Incidence of ocular hypertension in children with nephrotic syndrome receiving oral corticosteroids	Dr.Subashini Kaliaperumal	7

Rapid Fire: Poster

Hall A

DAY
1

📅 Dec 12th

🕒 03:35 PM TO 04:00 PM

Chairperson : Dr.Pandav Surinder Singh

Moderator : Dr.Suneeta Dubey

Judge : Dr.Subashini Kaliaperumal, Prof.Viney Gupta, Dr.Beth Edmunds

No.	Topic	Speaker	Min
FP18	Looking Beyond the Pressure-Low Vision in Childhood Glaucoma	Dr.Mona Khurana	3
FP22	CYP1B1-Related Neonatal Glaucoma with Keratopathy: Genotypes and Management Outcomes	Dr.Gowri Pratinya Kolipaka	3
FP27	Temporal Profile and Outcomes of Glaucoma in eyes with Biallelic LTBP2 associated Ectopia lentis.	Dr.Velamala Indu Pavani	3
FP28	Unilateral Primary Congenital Glaucoma: Yield of Genotyping and their Clinical outcomes	Dr.Rashmi Krishnamurthy	3
FP29	Tittle: Measuring visual fields in children with glaucoma using Baby Vision Screener (BaViS).	Ms.Suraksha suresh shetty	3

**Clinical Challenges/
Surgical innovations/
Complications/ Genetics**

Hall A

**DAY
1**

 **Dec 12th**

 **04:30 PM TO 06:00 PM**

Chairperson : Dr.Ta Chen Peter Chang

Moderator : Dr.Gowri J Murthy

Judge : Dr.Shantha Balekudaru, Dr.George Varghese Puthuran, Dr.Janey L. Wiggs

Keynote lecture: Understanding Angle Closure in Children - Dr. Peter T.Chang

No.	Topic	Speaker	Min
CC6	When you miss the mark in white corneas, histology & genetics come in handy	Dr.Prasanna V	5
CC7	Small Eye, No Window: Tackling the triple challenge of ocular anomalies	Dr.Gowri Pratinya Kolipaka	5
CC8	“Adversity does not come alone” : Tackling a rare contralateral ocular complication in a child	Dr.Rathini Lilian David	5
CC9	Clear Corneal Lensectomy: Novel way of managing ectopia lentis in Traboulsi syndrome	Dr.Velamala Indu Pavani	5
CC10	Deep Sclerectomy to the Rescue: A Case of Sturge -Weber Syndrome	Dr.Velamala Indu Pavani	5
CC17	Glaucoma management in bilateral annular dermoid	Dr.Sripriya Krishnamoorthy	5
CC18	Under-explored but Promising: Umbilical Cord Allograft in Paediatric AGV Surgery	Dr.Rashmi Krishnamurthy	5
CC20	NF1 in a Child With Optic Gliomas and Glaucoma – A Tale of Tumour, Tension and Tenacity	Dr.Julie Pegu	5

Video Presentation

Hall A

DAY
1

 Dec 12th

 06:05 PM TO 06:45 PM

Chairperson : Dr.Mohideen Abdul kader

Moderator : Dr.Ganesh Venkataraman

Judge : Dr.Beth Edmunds, Dr.Anil Kumar Mandal, Dr.Sushmita Kaushik, Dr.Ta Chen Peter Chang

No.	Topic	Speaker	Min
VT1	BEYOND SIGHT	Dr.Manju Anilkumar	6
VT2	Modified combined trabeculotomy with trabeculectomy in eyes with stretched limbus	Dr.Prasanna V	6
VT3	Trabeculotomy in a Highly Stretched Limbus: A short video	Dr.Vaibhav Kumar Jain	6
VT4	Light at the end of a tunnel – A case of Patau syndrome with primary congenital glaucoma.	Dr.Wadke Vidya Arunkumar	6
VT5	Managing Pediatric Keratoglobus with Secondary Glaucoma – A Combined Strategy	Dr.Meena Menon	6
VT6	Looking at diffuse choroidal hemangioma through glaucoma(tous) treating eyes	Dr.Prasanna V	6
VT7	It always seems impossible until done! - Don't give up on an eye	Dr.Parivadhini Annadurai	6
VT8	From Darkness to Discovery: The Power of a Strategic Iridectomy	Dr.Julie Pegu	6

Amblyopia, Rehabilitation and LVA in children with glaucoma

Hall A

DAY
2

📅 Dec 13th

🕒 08:30 AM TO 10:00 AM

Chairperson : Dr.Anil Kumar Mandal, Dr.Beth Edmunds, Dr.Pandav Surinder Singh

Moderator : Dr.Manju Anilkumar

Panelist : Dr.Vijaya K Gothwal, Dr.Neethu Mohan, Dr.Prem Anand Chandran, Dr.Goura Chattannavar, Dr.Arif O.Khan, Dr.P. Vijayalakshmi

No.	Topic	Speaker	Min
1.	Introduction to Keynote speaker	Dr. Ganesh Venkataraman	2
2.	Keynote lecture: Detection And Rehabilitation Of Visual Impairment In Children With Glaucoma	Dr. P. Vijayalakshmi	15
3.	Introduction to Keynote speaker	Dr. Gowri J Murthy	2
4.	Keynote lecture: Alternative genetic diagnoses in Axenfeld-Rieger spectrum	Dr. Arif O.Khan	15
5.	Introduction to Keynote speaker	Dr. Neethu Mohan	2
6.	Keynote Lecture: Genetics of Glaucoma in India: The Story So Far	Dr. Goura Chattannavar	15
7.	Follow up care after first surgery for PCG: Refraction, Biometry, EUA, clinic testing	Dr. Prem Anand Chandran	8
8.	Introduction to Keynote speaker	Dr. Manju Anilkumar	2
9.	Keynote lecture: Low Vision Rehabilitation Across the Lifespan in Pediatric Glaucoma	Dr. Vijaya K Gothwal	15

Genetics in Paediatric glaucoma

Hall A

DAY
2

 Dec 13th

 10:00 AM TO 11:00 AM

Chairperson : Dr.Ta Chen Peter Chang, Dr.P.Sundaresan, Dr.Arif O.Khan

Moderator : Dr.Goura Chattannavar

Panelist : Dr.Janey L. Wiggs, Dr.Shailja Tibrewal, Ms.Vyshnavika Mupparapu

No.	Topic	Speaker	Min
1.	Introduction to Keynote speaker	Dr. Goura Chattannavar	2
2.	Keynote Lecture: Paediatric glaucoma: Genetic testing and screening, New gene discovery and new opportunities for gene-based therapies	Dr. Janey L. Wiggs	15
3.	Utility of molecular testing to confirm clinical diagnosis in Paediatric glaucoma	Dr. Shailja Tibrewal	10
4.	Interpretation of genetic test report	Ms. Vyshnavika Mupparapu	10
5.	Cracking the Code: Navigating Genetic Testing in Ophthalmology	Dr. Goura Chattannavar	10

Imaging and Advances in the diagnosis of Paediatric glaucoma

Hall A

DAY
2

 Dec 13th

 11:35 AM TO 12:35 PM

Chairperson : Dr.Sushmita Kaushik, Dr.Janey L. Wiggs, Dr.Ta Chen Peter Chang

Moderator : Dr.Shikha Gupta

Panelist : Dr.Anil Kumar Mandal, Dr.Beth Edmunds, Dr.Neethu Mohan, Dr.Suneeta Dubey, Dr.Julie Pegu

No.	Topic	Speaker	Min
1.	Introduction to the keynote speaker	Dr. Shikha Gupta	2
2.	Keynote lecture : Syndromic glaucomas - Mucopolysaccharidosis/ Neurofibromatosis	Dr. Anil Kumar Mandal	15
3.	International collaborations in Paediatric glaucoma	Dr. Janey L. Wiggs	15
4.	Visual maturation and VF testing in children	Dr. Julie Pegu	5
5.	Ultrasound in Paediatric glaucoma	Dr. Ta Chen Peter Chang	15
6.	Role of virtual perimetry or online perimetry in children	Dr. Suneeta Dubey	5
7.	Assessing progression of glaucoma in children	Dr. Beth Edmunds	8
8.	AI in Childhood glaucoma	Dr. Neethu Mohan	5
9.	Aqueous angiography in Paediatric glaucoma	Dr. Shikha Gupta	5
10.	AS-OCT for childhood glaucoma	Dr. Sushmita Kaushik	5

Aniridia

Hall A

DAY
2

📅 Dec 13th

🕒 12:40 PM TO 02:00 PM

Chairperson : Dr.Sirisha Senthil, Prof.Kanwal Ken Nischal, Dr.Shantha Balekudaru

Moderator : Dr.Velamala Indu Pavani

Panelist : Dr.Arif O.Khan, Dr.Sushmita Kaushik, Dr.Prasanna V, Dr.Parivadhini Annadurai, Dr.Shailja Tibrewal

No.	Topic	Speaker	Min
1.	Keynote lecture: Aniridia - more than meets the eye	Dr. Arif O.Khan	15
2.	Aniridia: Epidemiology, types and genetics	Dr. Sushmita Kaushik	10
3.	Aniridia and Glaucoma	Dr. Prasanna V	10
4.	Aniridia associated keratopathy	Prof. Kanwal Ken Nischal	15
5.	Surgical management of Glaucoma, Trabeculectomy or GDD	Dr. Sirisha Senthil	10
6.	Management of lens in eyes with Aniridia and Glaucoma	Dr. Parivadhini Annadurai	10

Wet lab Observation in Aravind Eye Hospital

LAICO Classroom

DAY

2

 **Dec 13th**

 **03:00 PM TO 06:00 PM**

Wet lab Observation in Aravind Eye Hospital

Time : 03.00 PM - 06.00 PM

Venue : LAICO Classroom

Saturday afternoon 3.00-6.00 pm—limited number of delegates 40 max (4 rooms, each room will help with one surgery, 10 Min per person—1.45 Min per station ---one candidate cannot avail more than 2 stations—total of 4 hrs)

Low vision management in Children--- one station

Proposed Wet lab Instructors (Local and Aravind Faculty)

Proposed Wet lab Titles (3 stations)

- 1. Goniotomy wet lab course**
- 2. Trabeculotomy Trabeculectomy**
- 3. Glaucoma drainage devices**

Wet lab will have talks on basics and procedures:

- 1. Anatomy of angle in PCG:**
- 2. Angle procedure: Needle Goniotomy:**
- 3. Newer angle surgeries like trabectome**
- 4. Post-operative management**

Physical Posters

No.	Topic	Speaker	Min
CC1	Guarding Against Hypotony, Inviting the Unexpected? Lessons from Two Ripcord Cases	Dr.Vijayalakshmi A Senthilkumar	
CC2	Misleading Cupping: A Case of Mistaken Identity	Dr.DEEPA R	
FP2	Inherited Aniridia and Glaucoma: Spectrum of Clinical Presentation in Successive Generations	Dr.Noorul Hidaya	
FP3	Ectropion Uveae with Buphthalmos in Neonate:A Distinct and Aggressive Subtype of Congenital Glaucoma	Dr.Tosha Gujarathi	
CC4	Pediatric Ocular Oncology with Secondary Glaucoma: Diagnostic and Management Challenges	Dr.Meena Menon	
CC5	Congenital Hereditary Endothelial Dystrophy : To treat as glaucoma or not ?	Dr.Faiza Ibrahim	
FP5	Title: GAPO syndrome -- genetic analysis	Dr.Kesav Srikanth	
FP8	Screening for Glaucoma in Children with Retinopathy of Prematurity: A Pilot Study	Dr.Vijayalakshmi A Senthilkumar	
FP9	Glaucoma in Aniridia: A giant black hole of visual impairment	Dr.MEENAKSHI DOGRA	
FP12	Evaluation of clinical and demographic profile in childhood glaucoma across Tamil Nadu.	Dr.Sravya chinta	
FP13	Challenging Differential Diagnosis for Glaucoma in Children	Dr.Karthik Iyer	
FP15	Evaluation of Clinical Profile and Visual Rehabilitation in Childhood Glaucoma	Dr.NIHARIKA CHAURASIA	
FP16	A Tale of Spots,Stains and Sight:PPV type IIa	Dr.sahana kuppuraj	
FP17	Comparison of perimetry parameters among pediatric glaucoma and glaucoma suspect patients	Dr.TRUPTI PATIL	
FP19	A tale of multiple colours – Rare case Report	Dr.MEENAKSHI DOGRA	
FP23	A Unique Intersection: Congenital Onset Glaucoma in Neurofibromatosis Type-1	Dr.Gowri Pratinya Kolipaka	
CC24	UNILATERAL PCG WITH ACUTE HYDROPS AND COL5A1 MUTATION	Dr.Chitransha Jaluthariya	
FP25	The comeback cut : role of suture - GATT in failed trabeculectomy !	Dr.MADHURI MANAPAKKAM BUTCHI	

No.	Topic	Speaker	Min
FP26	One Year Outcome Of Minimally Invasive Glaucoma Surgery(MIGS) In Paediatric Glaucoma- A Case Series.	Dr.Mohideen Abdul kader	
FP31	“Peters Plus Syndrome with Atypical Multigene Involvement: A Rare Case Report”	Dr.Julie Pegu	
FP33	Asymmetric and atypical Peter’s anomaly presenting as congenital glaucoma	Dr.VENI PRIYA SIGAMANI	
FP34	AADI 250 is safe and effective in a child with Crouzon syndrome, shallow orbits and complex glaucoma	Dr.Nandini Banad	
FP36	ADAMTS gene mutations and their phenotypic heterogeneity in pediatric glaucoma: A case series	Dr.Vyshak Suresh	
FP37	To operate or not to operate: can genomics help in traboulsi?	Dr.SHUBHAM MANCHANDA	
FP38	Unmapped territory: SBF 2 mutations; A Case Series	Dr.Anchal Gera	