

# IC83 - Build your foundations strong: A beginner's blueprint for a successful phacoemulsification

Date :	28-11-2025
Time:	08:30-09:25
Hall:	CONVENTION CENTER

### **Dr.Alex Baby**

Phacoemulsification (phaco) has now become the gold standard in the surgical management of cataract offering a minimally invasive approach to restoring a patient's vision. Mastering phaco requires a basic understanding of the various aspects of phacodynamics and knowing the correct techniques in the various steps of the procedures including tunnel construction, hydroprocedures and nucleus management. Modulation of their current techniques and knowledge of a few newer techniques is essential for a smooth transition from MSICS to phaco which will help alleviate apprehension and gain confidence in their future surgical career.

This course aims mainly at improving the basics knowledge of a novice surgeons emphasizing on the basics of phacoemulsification and phacodynamics, the fundamentals of the various important steps in phacoemulsification and providing valuable information on how to transition from an MSICS surgeon to a proficient phaco surgeon with ease.



To be is to do: tips on how to transition from MSICS to 1. phaco. (8 mins)

: Dr. Tony Alex Koshy

2. Phacodynamic essentials: mastering the forces that drive cataract surgery. (6 mins)

: Dr. Ashish Kuruvilla

3. Unlocking precision in phaco surgery: creating the perfect tunnel. (7 mins)

: Dr. Gigi Augustine T

4. Hydroprocedures. (7 mins)

: Dr. Joe Philip

Catch the bull by the horn: Safe tips for easy nucleus 5. management. (10 mins)

: Dr. Alex Baby

Listen to the voices within: choosing the optimal phaco 6. techniques. (12 mins)

: Dr. Madhu Shekhar

Panel Discussion: (5 mins)



### **IC92 - UVEITIS- X FILES**

Date: 28-11-2025

Time: 09:30-10:25

Hall: CONVENTION CENTER

### Dr.Reesha K R

Uveitis is a leading cause of vision loss world wide. The spectrum of etiologies for uveitis is very broad and includes infectious and auto immune diseases. Inflammation can be confined to the eye or may be part of systemic disease. These conditions pose a diagnostic dilemma resulting in delaying the correct treatment. in this case based IC we focus on uveitis cases, those had unusual presentation or complex challenges in diagnosing and treating.

1. What is behind the Iris Nodule? (10 mins) : D

A tale of two diagnoses: When Ocular Toxoplasmosis isn't : D the end of the story. (10 mins)

3. Post Steroids (10 mins)

4. A rare presentation of Retinal vasculitis (10 mins)

Keynote address: Current guidelines and management of uveitis (10 mins)

: Dr. Neethu Pradeep

: Dr. Anju Kuriakose

: Dr. Rehna Rasheed

: Dr. Natasha Radhakrishnan

: Dr. Archana Pradeep

Panel Discussion : (5 mins)



# IC6 - The Dirty Picture - Medicolegal aspects in ophthalmic practice

Date: 28-11-2025
Time: 10:30-11:25
Hall: CONVENTION CENTER

#### Dr.Mahesh G

As per the KSOS Presidents initiative during 2024-25 we have conducted CME and talks across the state for increasing legal literacy. This will be the last program of the series. This session will be an interactive one led by qualified persons. It will highlight how to answer legal notices? what is the amount of professional indemnity needed? how to take ideal consents? what is the difference in CPA and IPC and BNS with latest amendments? and finally how to face the legal proceedings without loosing cool. It will be a useful session for any medical practitioner

1. FAQ in medicolegal cases (20 mins) : Dr. Mahesh G

Expert advice on legal aspects for a smooth practice (20 : Dr. Ashok Nataraj

mins)

Panel Discussion: (15 mins)



# IC65 - POST SURGICAL ENDOPHTHALMITIS in the current Era

Date : 28-11-2025
Time : 11:30-12:25

Hall:

**CONVENTION CENTER** 

#### Dr. Meena Chakrabarti

Synopsis: Endophthalmitis in a sight threatening devastating complication of any intraocular surgical

procedure. Timely diagnosis and appropriate management in essential in preventing permanent

vision loss. This course will discuss the epidemiology, preoperative infection prophylaxis, changing

presentation, newer causative agents, emerging antimicrobial resistance as well as advances in the

diagnostic armamentarium and management of endophthalmitis. In addition to post cataract endophthalmitis, relevant data on post intravitreal injection, post vitrectomy endophthalmitis as well as recent trends in the management of culture negative endophthalmitis will be covered.

Epidemiology and Standard Presurgical Infections

Prophylaxis (10 mins)

 $Battling\ Endophthalmit is-New\ bugs,\ new\ technologies$ 

and newer drugs (10 mins)

3. Tackling a bug named a.baumannii (10 mins)

Post Injection Endophthalmitis & Post Vitrectomy

Endophthalmitis (10 mins)

Challenges and recent trends in managing culture negative

endophthalmitis (10 mins)

: Dr. Arup Chakrabarti

: Dr. Naresh Babu

: Dr. Meena Chakrabarti

: Dr. Mahesh G

: Dr. Thomas Cherian

Panel Discussion: (5 mins)





## **IC77 - What Next Situations in Cataract** Surgery

Date: 28-11-2025 12:30-13:25 Time: Hall: **CONVENTION CENTER** 

### Dr.Sreeni Edakhlon

There are many situations - both intra operative and postoperative - in which going gets extremely tough for a cataract surgeon. These situations include intraoperative rock hard eye, misbehaving iris, IOL damage, wound related problems, severe striate keratopathy, post operative inflammation, endophthalmitis, uncooperative patient, IOL calculation errors, unexplained poor visual recovery, unsatisfied patient despite excellent visual recovery. Our instruction course will discuss the most effective techniques to handle these situations and steps to be taken to prevent them.

Eye becomes extremely hard during cataract surgery -

What next? (7 mins)

Repeated Iris Catch by Phaco Tip / repeated iris prolapse - : Dr. Dr Prafulla K

What Next? (7 mins) Maharana

Descemet's Membrane detachment noted on table/post

operatively -What Next? (7 mins)

4. Wound Burn – What Next? (7 mins) : Dr. Jason V. A

Postoperative Refractive Surprise -

Monofocal/Multifocal/Toric – What Next ? (7 mins)

Severe inflammation in two cases on second post operative

day-25 surgeries posted today-What Next? (7 mins)

: Dr. Sreeni Edakhlon

: Dr. Rajesh Sinha

: Dr. Krishna Prasad K

: Dr. Piyush Bansal

Panel Discussion: (13 mins)



### IC30 - Paediatric eyes- looking beyond vision

Date: 28-11-2025 14:00-14:55 Time: **CONVENTION CENTER** Hall:

#### Dr.Sahasranamam V

Paediatric ocular evaluation is a critical aspect of preventive eye care for detecting ocular diseases to prevent potential vision loss. Common conditions like refractive error, amblyopia, strabismus, congenital cataracts are easily diagnosed and managed. But some cases need additional evaluation due to its rare presentation.

With advances in genetics we can diagnose, prognosticate and treat many diseases with a genetic basis. We are discussing genetics in relation to paediatric ophthalmology by an eminent faculty in medical genetics.

Cases of unaccountable vision loss or early fundus dystrophies will need electrophysiological evaluation and unexplained visual loss due to neurological causes need imaging.

With improved neonatal care, most of the children who suffered hypoxia are recovering. Such children need attention not only for their visual acuity, but also its quality and signifies identifying high functioning CVI cases.

Our IC is intended to cover these emerging topics.

1. Introduction (7 mins)

2. Imaging in unexplained defective vision in children (8 mins) : Dr. Chaithanya R Warrier

Role of electrophysiology in unexplained visual loss in

children (8 mins)

Cerebral visual impairment with visual acuity of 6/6- Is it

normal vision? (8 mins)

Genetic evaluation in paediatric ophthalmology-

significance and prognosis (15 mins)

: Dr. Sahasranamam V

: Dr. VAISAKHI

**PRASANNAN** 

: Dr. Resmi Bhaskar

: Dr. Sankar V H

Panel Discussion: (9 mins)





# IC16 - When things dont go as we wish after Trabeculectomy? A survival guide for the surgeon.

Date :	28-11-2025
Time:	15:00-15:55
Hall:	CONVENTION CENTER

### **Dr.Thomas George T**

Surgical treatment for glaucoma is typically used when conservative measures fail. Trabeculectomy described by Cairns in 1968 was the first guarded filtering procedure and became the most commonly performed surgical modality. Trabeculectomy provides a non-physiologic route for aqueous outflow,but despite the surgeon's best efforts complications may occur. A good surgical outcome requires early detection and management of these complications. Astute surgeons say that half of the work for a trabeculectomy is done in the operating room and the other half is done through the postoperative management. This course aims to reiterate the management strategies for the immediate and late postoperative complications of Trabeculectomy.

Hypotonic shallow Anterior Chamber - protocol for 1. management (10 mins)

: Dr. George Puthuran

Shallow Anterior chamber with High IOP: Management protocol (9 mins)

: Dr. Saikumar S J

Salvaging a failing bleb in early post operative period (9 mins)

: Dr. Thomas George T

Late failure of trabeculectomy - Repeat trab or tube? (9 4. mins)

: Dr. Kiran Gopalakrishnan

Post trabeculectomy infection - dealing with the demon (10 mins)

: Dr. Manoj S

Panel Discussion: (8 mins)



### IC46 - Biologics in Ophthalmology

Date: 29-11-2025

Time: 08:00-08:55

Hall: CONVENTION CENTER

#### Dr.Sheena Liz Mani

Biologics have revolutionized the treatment of various ophthalmic conditions. These medications are derived from living organisms and have been engineered to specifically target molecular pathways involved in disease processes. In ophthalmology, biologics are used to treat conditions from the ocular surface to orbital inflammation. They work by inhibiting angiogenesis, reducing inflammation, or modulating the immune response. The most common agents are anti-vascular endothelial growth factor (anti-VEGF) agents like ranibizumab which have improved visual outcomes for patients in retinal conditions. With their ability to target specific molecular mechanisms, biologics have transformed and expanded treatment options offering new hope for patients with previously untreatable or refractory conditions. In this IC we will walk you through a brief overview of the common and current uses in ophthalmology.

1. 1. Overview of biologics and biosimilars. (7 mins) : Dr. Sheena Liz Mani

3. Biologics in orbital inflammation. (10 mins) : Dr. Anju Suresh

4. Biologics in retinal conditions (10 mins)

Chandrasekharan

5. Biologics in intraocular inflammation. (10 mins) : Dr. Anabi Shahi A

6. Biologics in neurophthalmology (10 mins) : Dr. Revati Ramesh

Panel Discussion: (8 mins)



## GENERAL QUIZ FOR OPHTHALMOLOGISTS DR. MALLIKA HARIKRISHNAN

Date :	29-11-2025
Time :	09:00-09:55
Hall:	CONVENTION CENTER

GENERAL QUIZ - DR. MALLIKA HARIKRISHNAN



# PRACTICE ENHANCEMENT - ETHICAL WAY

Date : 29-11-2025
Time : 10:00-10:55
Hall : CONVENTION CENTER

Chairman Dr. Radha Ramanan Moderator Dr. Thomas Cherian Speakers:

1. The Prescription for Success: Managing Your Practice, Minding Your Mission - 8 Mins - Dr. Rohan. A

- 2. Taming the unknown: Challenges and opportunities for a young female docpreneur -8 Mins- Dr. Sanitha Sathyan
- 3. In charitable hospital: how, when and what? 8 Mins Dr. Thomas Cheriyan
- 4. Do we have enough space for all private hospitals in Kerala? 8 Mins -Dr. Radha Ramanan Panel Discussion: (23 Mins)

**Panelists** 

Dr. Bastin V A, Dr. Anoop Chirayath, Dr. Thomas Cheriyan, Dr. Rohan, Dr. Sanitha Sathyan.



### PADMA SHRI DR. S. TONY FERNANDEZ VIDEO AWARDS FINALS -DR SUDHA V

 Date :
 29-11-2025

 Time :
 11:00-11:55

 Hall :
 CONVENTION CENTER

[VT3] - "The Double Trouble: White Giant, Tiny Window- Phaco in hypermature cataract with small pupil"

Chief & Presenting author: Dr.Husna K (KSOSID1315)

[VT4] - The Mini Jugaad - A simple hack to insert a mini monoka in external dacryocystorhinostomy (DCR)

Chief & Presenting author: Dr.V Anju Chandran (KSOSID2050)

[VT5] - ECHOLOCATOR USING ULTRASOUND TO HELP THE BLIND

Chief & Presenting author: Dr.Mathew Joseph (KSOSID0467), Dr.Mathew Joseph

[VT6] - Posture, Precision, Performance: Ergonomics in Ophthalmic Surgery

Chief & Presenting author: Dr.Rakhi Dcruz (KSOSID1648)

[VT7] - "Skew the Diagnosis: The Upright-Supine Trick"

Chief & Presenting author: Dr.Athira Devaraj (KSOSID2477), Dr.SOURAV

**DAMODARAN** 

[VT8] - A surgical Masterpeice : Managing traumatic mature cataract with coexisting Cyclodialysis

Chief & Presenting author: Dr.fabna mahmood (KSOSID2685A), Dr.Mathew Kurian Kummelil, Dr.John Davis Akkara

[VT9] - Intraoperative OCT for real-time structural assessment of combined cataract surgery with MIGS

Chief & Presenting author: Dr.Ankith Nair (KSOSID2465A), Dr.Mathew Kurian Kummelil , Dr.John Davis Akkara

[VT10] - "When Risk Meets Reward: The SLET Miracle That Defied Odds"

Chief & Presenting author: Dr.Sujith Nayanar V (KSOSID0968)



[VT11] - What Lies Beneath: Surgical Drainage for Hemorrhagic Choroidals Following Iris Claw Implantation

Chief & Presenting author: Dr.Jyoti Prakash Vyas (KSOSID1113), Dr.Giridhar A, Dr.Mahesh G

[VT12] - "Maldivian Mystery...a video narrative"

Chief & Presenting author: Dr.Natasha Radhakrishnan (KSOSID0845), Dr.Anjana Devi R, Dr.ANJU LIZA ZACHARIAH, Dr.Tisha Thomas Menacherry

[VT13] - SURGICAL TACKLING OF STRABISMIC CAUSES OF ABNORMAL HEAD POSTURE

Chief & Presenting author: Dr.NEENA R (KSOSID1351), Dr.NAMITHA V G

[VT14] - When the going gets tough

Chief & Presenting author: Dr.Anubhav Goyal (KSOSID1496), Dr.Giridhar A, Dr.Mahesh Gopalakrishnan

[VT15] - DIFFICULTIES IN PEDIATRIC TRAUMA MANAGEMENT

Chief & Presenting author: Dr.Arunlal J S (KSOSID1702), Dr.Meena c k

[VT16] - Refining regional ocular anaesthesia- The role of caruncular anaesthesia

Chief & Presenting author: Dr.Jyothi R (KSOSID1576), Dr.Biju Raju, Dr.Raju N S D

[VT17] - "Eyes of Hope: A Surgical Sonata in the Key of Light"

Chief & Presenting author: Dr.Chandrakanth K S (KSOSID0499), Dr.Prithvi Chandrakanth, Dr.CHANDANA PRABHAKAR, Dr.BRINDA. K

[VT18] - From glare to relief - story of a traumatised eye

Chief & Presenting author: Dr. Vanashree Mahesh Nair (KSOSID1817)

[VT19] - Secondary IOL Fixation: Navigating Techniques, Challenges, and Optimizing Outcomes

Chief & Presenting author: Dr.Nithin Keshav Srinivasan (KSOSID1420)

[VT20] - Artistry Behind Every Blink: The Hidden Craft of Oculoplasty

Chief & Presenting author: Dr.Anna kurian mullasseril (KSOSID2397), Dr.Ani Sreedhar



[VT21] - Axenfeld Reiger anomaly with significant Cataract : Grand challenges and Great Victories

Chief & Presenting author: Dr.Raiza Paul (KSOSID1296), Dr.Mathew Kurian Kummelil

[VT22] - "The Road to Rehabilitation"

Chief & Presenting author: Dr.Shebin salim (KSOSID1991), Dr.MARIAN PAULY, Dr.SRUTHI R S, Dr.Samvedya Veenish U O

[VT23] - See beyond the surface: Imaging Essentials for Ophthalmologists

Chief & Presenting author: Dr.SRUTHIRS (KSOSID2426), Dr.MARIAN PAULY, Dr.Shebin salim, Dr.Samvedya Veenish U O

[VT24] - RESURGERY NEEDS IN UNSUCCESSFUL INITIAL SURGERICAL ATTEMPTS AND THEIR OUTCOMES

Chief & Presenting author: Dr.Mradula Gangwar (KSOSID2665), Dr.Manoj S



### **DR C E OOMMEN MEMORIAL ORATION**

Date : 29-11-2025
Time : 12:00-12:55
Hall : CONVENTION CENTER

"Operation theatre ventilation, an airy dilemma in modern hospitals" – Dr. Sasikumar S, Chairman Dr Rajiv Sukumaran Moderator Dr Mahesh G



# WHAT I DID DIFFERENTLY IN MY CATARACT SURGERY LAST YEAR

Date : 29-11-2025
Time : 13:30-14:25

Hall:

**CONVENTION CENTER** 

Chairperson: Dr S J Saikumar Co-Chairperson: Dr Mohan Rajan

Moderators: Dr Anup Chirayath, Dr Minu Mathen Each talk 3 minutes plus 3 minutes of discussion

1. B OCTA in Phaco and SICS - 3 + 3 -Dr. Minu Mathen

2. My approach to intra operative zonule weakness - 3 + 3 - Dr. Merine Paul

3. Novel placement of iris hooks in small pupil / IFIS - 3 + 3 - Dr. Anup Chirayath

4. PC rents to Toric IOLs - 3 + 3 - Dr. Jayaprasad B

5. IOL trap technique for zonule weakness - 3 + 3 - Dr. Sandhya N

6. A stab in time - managing intra operative Rocky hard eye - 3 + 3 - Dr. S J Saikumar

7. The Guptha ring for small pupil Phaco - 3 + 3 -Dr. Mridula Sunil





### HEROES OF KSOS - DR THOMAS CHERIAN

Date: 29-11-2025
Time: 14:30-15:25
Hall: CONVENTION CENTER

Chairman- Dr Thomas Cherian Moderator- Dr Rajiv Sukumaran Speakers:

- 1. Reti Al- Transforming lives 5Mins Dr. Gopal S Pillai
- 2. The winning pitch: The story of a 'Grant' success 5Mins Dr. Lathika Vasu Kamaladevi
- 3. TACTEYELE A DIY eyedrop marker 3Mins Dr. Prithvi Chandrakanth
- 4. The Glow Study 3Mins Dr. Shishir Verghese
- 5. 'Tick-o-talk -takes trends and treatment 3Mins Dr. Rakhi D'Cruz
- 6. A Slice before the darkness fell 3Mins Dr Remya Edachery
- 7. Passion with vision: My journey beyond the clinic 3Mins Dr. Aparna K S
- 8. Mastering the Milky Lens 3Mins Dr. Mithun Thulasidas
- 9. A Star being born from Polar zone 3Mins Dr. Soumya P P
- 10. Uveoscope to Universe -3Mins Dr. Anju Kuriakose
- 11. "DADA"- The Culprit -3Mins Dr. Reesha K. R
- 12. Dual LASER Squid Game 3Mins Dr. John Davis Akkara
- 13. Decoding the Imposter: Fungal vs Pythium Keratitis 3Mins Dr. Premjith Muraleedharan
- 14. Controlling the (Un)Controllable 3Mins Dr Neena R





### OPL - DR. MOHAN RAJAN

Date: 29-11-2025

Time: 15:30-17:25

Hall: CONVENTION CENTER

**TEAMS** 

Malabar Mavericks

Dr K S Chandrakanth

Dr Sreeni Edakhlon,

Dr Nikhil K

Dr V Anju Chandran

Dr V Sujith Nayanar

Valluvanad Falcons

Dr Sameera V V

Dr Rohan. A

Dr Mahesh Bharathi

Dr Jayasree P V

Dr Sabna Sasidharan

Kochi Fire Queens

Dr Kala Baby Thottam

Dr Natasha Radhakrishnan

Dr Vanashree Nair

Dr Anju Kuriakose

Dr Dhanya R S

**Travancore Titans** 

Dr Anish Madhavan

Dr Ambika Shetty

Dr Rakhi Dcruz

Dr Shishir Verghese

Dr Indu J Nair



**TACO PG QUIZ** 

Date: 30-11-2025

Time: 08:00-09:55

Hall: CONVENTION CENTER

DR AKSHAY NAIR



### **INNOVATIONS**

Date : 30-11-2025

Time: 10:00-10:55

Hall: CONVENTION CENTER

Chairman: Dr. Biju Raju

Co-Chairman: Dr. John Davis Akkara Moderator: Dr. Prithvi Chandrakanth

1. Viruses that heal-Bacteriophage Eyedrops for Corneal Infections - 6 - Mins - Dr. Anil Radhakrishnan

- 2. My 3D Printed Innovations 6 Mins Dr. John Davis Akkara
- 3. Necessity, the mother of invention! 6 Mins Dr. Sinumol S
- 4. Break the Mould unconventional techniques in VR surgery 6 Mins Dr. Shishir Verghese
- 5. Do-It-Yourself Innovations for all 6 Mins Dr. Prithvi Chandrakanth
- 6. 3D printed eye drop guides 6 Mins Dr. Ankith Nair

Each speaker has 6 to 7 minutes for the talks, followed by a discussion





# IC7 - OCT Masterclass for comprehensive ophthalmologists

Date: 30-11-2025

Time: 11:00-11:55

Hall: CONVENTION CENTER

#### Dr.Mallika O U

OCT is an investigative tool now imperative in ophthalmic practice. It is used in retinal diseases, neurological cases and glaucoma as basic investigation. Interpretation of OCT should be known to each and every practicing ophthalmologist. Recent advances like choroidal imaging and OCT angiography has increased the use in retinal practice due to its non invasive nature. Many diseases like AMD, DME and pre perimetric glaucoma can not be managed without OCT. This course is aimed at helping the comprehensive ophthalmologist the nuances of OCT interpretation in a simplified way. At the end of the course the attendee will be able to interpret OCT with confidence at least simple clinical conditions.

1. Introduction (5 mins) : Dr. Mallika O U

2. How to interpret a normal OCT (10 mins) : Dr. Dhanya R S

3. Pathological changes in OCT in macular diseases (10 mins) : Dr. Indu V P

4. Role of OCT in glaucoma (10 mins) : Dr. Jayasree P V

5. Use of OCTA in current scenario (10 mins) : Dr. Mahesh G

6. OCT Rapid fire quiz (10 mins) : Dr. Mahesh G





# **KSOS Kozhikode Ophthalmic Society TOT**

Date: 30-11-2025
Time: 12:00-13:55
Hall: CONVENTION CENTER

### Dr Gopal S Pillai

### North Zone:

Mentor- Dr. V Anju Chandran

- 1. Binocularity of vision Dr Aishwarya Pillai
- 2. Lamellar keratoplasty-Dr Vaishna Megha
- 3. Journey of a drug from bench to bedside- Dr Bhagyalekshmi A V

#### North central zone:

Mentor - Dr. Samyukta Sadasivan. K

- 1. Oculomotor nerve and its pathology- Dr. Diana Mathew
- 2. MIGS Dr. Gopika PK
- 3. Regulatory aspects of AI in clinical use-Dr. Elsa Maria Kuruvilla

### South Zone:

Mentor - Dr Rakhi D'Cruz

- 1. Retrochiasmal visual pathway -Dr Parvathy Gopan
- 2. Macular hole surgery Dr Priyanka Nair
- 3. How to be legally safe in cataract surgery Dr Sneha Pius

### South central Zone:

Mentor - Dr Praveena Shyam

- Retinal Cells Function Dr Parvathy B
- 2. DCR Dr Agrima Mittal
- 3. How to counsel an aggrieved and angry patient? Dr Sandra Nair