



The 47th annual
Conference of
**KERALA SOCIETY OF
OPHTHALMIC SURGEONS**



Scientific Programme Virtual

Day 1 | Friday | 27 Nov 2020

Day 1 | Friday | 27 Nov 2020 | 8.00 am to 9.30 am | HALL A

IC 1 SICS Basics

Chief Instructor: Dr K Mahadevan

Co-instructor: Dr Bindu Thampi

1. Introduction	Dr K Mahadevan	05 min
2. Wound construction	Dr Bindu Thampi	20 min
3. Capsulotomy	Dr Rekha R S	12 min
4. Hydro procedures	Dr Remya R	12 min
5. Lens delivery	Dr Vivek Oommen Varghese	20 min
6. IOL placement and wound closure	Dr Anita Cherian	16 min
Discussion	5 min	

Day 1 | Friday | 27 Nov 2020 | 9.30 am to 11.00 am | HALL A

IC 2 Face to face with Diabetic Retinopathy

Chief Instructor: Dr Gopal S Pillai

Co-instructor: Dr Rehna Rasheed

A capsule on diabetic retinopathy:

An overview of diagnosis, classification, evaluation and management of Diabetic retinopathy

Dr Rehna Rasheed 10 min

Actual case based panel discussion on Diabetic retinopathy

50 min

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|--|--|
| 1. Mild diabetic retinopathy | 9. Retreatment criteria |
| 2. Moderate diabetic retinopathy | 10. When not to give injections or laser |
| 3. Severe and very severe retinopathy | 11. Proliferative diabetic retinopathy |
| 4. Need for FFA and OCT | 12. Vitreous hemorrhage |
| 5. Mimics of diabetic retinopathy | 13. Tractional retinal detachment |
| 6. Laser in Diabetic retinopathy | 14. When to intervene surgically |
| 7. DME management Initiation | 15. When not to intervene surgically |
| 8. Advantages & disadvantages of the different drugs | |



Panel members

Dr Lalit Verma, Dr Mahesh Gopalakrishnan, Dr Manoj Soman, Dr Rajesh P, Dr Rehna Rasheed
Moderated by Dr Gopal S Pillai

Keynote address: Vitrectomy in diabetic retinopathy - **Dr Lalit Verma** 15 min
Discussion 5 min

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IC 3 De-Cluttering the Angle Closure Disease (ACD)

Chief Instructor: Dr Manoj Prathapan

Co-instructor: Dr Abhilash Nair

- | | | |
|--|-------------------------|--------|
| 1. Classification of angle closure disease | Dr John Davis Akkara | 06 min |
| 2. Management of angle closure disease. Laser PI.
When to, where to, how to | Dr Thomas Arun Varghese | 08 min |
| 3. Secondary Pupillary block | Dr Manoj Prathapan | 10 min |
| 4. Drug Induced angle closure | Dr Abhilash Nair | 08 min |
| 5. Management of coexisting Cataract and
Angle closure glaucoma | Dr Meenakshi Dhar | 10 min |

Keynote address: Changing paradigms in Angle Closure Disease - **Dr Krishnadas R** 20 min

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IC 4 Management of Decentered/Dislocated IOLs

Chief instructor: Dr Arup Chakrabarti

Co-instructor: Dr Meena Chakrabarti

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|-----------------|---------------------|--------|
| 1. Introduction | Dr Arup Chakrabarti | 02 min |
|-----------------|---------------------|--------|
- Keynote address:** An Update on the CAPSULaser Technology and it's Use in More Complex Cases **Dr Richard Packard, UK** 15 min
- | | | |
|------------------------------------|----------------------|--------|
| 2. IOL Relocation / Recentration | Dr Arup Chakrabarti | 10 min |
| 3. Iris Claw & Iris Suturing | Dr Satyamurthy KV | 10 min |
| 4. Yamane Technique - Personalised | Dr Sri Ganesh | 10 min |
| 5. Scleral Fixation - Variations | Dr Meena Chakrabarti | 10 min |
| 6. XNIT Device for SFIOL | Dr Prabu Baskaran | 10 min |

Discussion 8 min

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IC 5 Dry Eye Update

Chief Instructor: Dr Sahasranamam V

Co-instructors: Dr Chitra Raghavan, Dr Simon George

Keynote address: Newer concepts in the aetiopathogenesis of dry eye disease – **Dr Radhika Tandon**,
Professor of Ophthalmology, Dr R P Centre New Delhi: 20 min

- | | | |
|---|--------------------|--------|
| 1. An overview of Dry eye | Dr V Sahasranamam | 07 min |
| 2. Long term topical medications and Dry eye | Dr Neeta Sidhan | 07 min |
| 3. Dry eye disease and contact lens use | Dr Andrews C V | 07 min |
| 4. Newer investigations in Dry eye | Dr Simon George | 08 min |
| 5. New medical treatment options in Dry eye | Dr Bini S T | 08 min |
| 6. Surgical options in Dry eye & Ocular Surface Disease | Dr Chitra Raghavan | 08 min |

Discussion 10 min



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IC 6 OCT Biomarkers

Chief Instructor: Dr Giridhar Anantharaman

Co-instructor: Dr Indu V P

1. **Keynote address 1:** OCT Biomarkers and its Significance in Diabetic Macular Oedema, **Prof. (Dr) Sobha Sivaprasad** Professor of Ophthalmology, University College, London & Consultant, Moorfields Eye Hospital, London. 15 min
2. OCT Terminologies and Prognostic Indicators in Age Related Macular Degeneration. **Dr Rohan Chawla** Asst. Professor, Ophthalmology RP Centre, AIIMS, New Delhi. 12 min
3. OCT Biomarkers and its significance in inflammatory diseases involving the Macula **Dr Aniruddha Agarwal** Asst. Professor, Vitreo-Retina PGIMER, Chandigarh. 12 min
4. **Keynote address 2:** Emerging concepts in Choroidal retinal Imaging Biomarkers in Pachychoroid Spectrum/Disorders - **Prof. (Dr) Gemmy Cheung Chui Ming** Singapore National Eye Centre, Singapore Senior Consultant & HOD, and Medical Retina. Senior Consultant, Cataract & Comprehensive Ophthalmology. 15 min
5. OCT as a diagnostic tool in Heredofamilial Macular Disease and Toxic Maculopathies **Dr Indu V P – V R Consultant** Giridhar Eye Institute. 12 min

Discussion 19 min

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IC 7 Automated perimetry – A clinical based approach

Chief Instructor: Dr Radha Ramanan

Co-instructors: Dr Girija, Dr Anjana Krishnan

Keynote address: MEDITATION: A polypill for glaucoma patients - **Dr Tanuj Dada** (Professor, RP Centre, AIIMS, New Delhi) 25 min

1. HFA single field analysis Dr Anjana Krishnan 10 min
2. Octopus fields Dr Rajesh Radha Krishnan 10 min
3. Progression analysis Dr Girija 10 min
4. Communicating field results to patient Dr Radha Ramanan 05 min
5. Interesting glaucoma and neurological fields Dr Arun Thomas Varghese 10 min

Discussion 15 min

Day 1 | Friday | 27 Nov 2020 | 6.30 pm to 10.00 pm | HALL A

Inauguration

T K Alexander Memorial Oration

To be awarded to **Dr P Namperumalsamy**, Chairman-Emeritus, Aravind Eye Care System, Madurai.

Topic: "Institution building – Academic and professional excellence"

Variety entertainment by ophthalmic fraternity

Day 1 | Friday | 27 Nov 2020 | 8.00 am to 9.30 am | HALL B

IC 8 What you should know about Keratoconus?

Chief Instructor: Dr Aneeta Jabbar

Co-Instructors: Dr Freddy T Simon, Dr Anil Radhakrishnan, Dr Sujith Nayanar, Dr Vinay S Pillai



Keynote address: 30 Years of Keratoconus. What we know and what we don't? - **Dr Pravin Krishna**

Vaddavalli , Director, the Cornea Institute, L V Prasad Eye Institute Hyderabad		20 min
1. Clinical scoring methods of Keratoconus	Dr Anil Radhakrishnan	08 min
2. Topography and Tomography in Keratoconus	Dr Sujith Nayanar	08 min
3. Crosslinking- when and how?	Dr Freddy T Simon	08 min
4. Extreme Keratoconus-what are the options to treat?	Dr Vinay S Pillai	08 min
5. Panel discussion: When to suspect and how to diagnose Keratoconus in OPD?		
Panelists: Dr Pravin Krishna, Dr Freddy T Simon, Dr Anil Radhakrishnan, Dr Sujith Nayanar and Dr Vinay S Pillai.		
	Moderator: Dr Aneeta Jabbar	20 min
Discussion		10 min

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IC 9 Phaco Basics

Chief Instructor: Dr Vijayamma N

Co-instructor: Dr Padmasree

Keynote address: Phacoemulsification - An overview - **Dr Leila Mohan** Senior consultant Comtrust hospital Kozhikode.

		15 min
1. Wound construction	Dr Vijayamma N	12 min
2. Capsulorrhexis & Hydro procedures	Dr Gargi Satheesh	12 min
3. Nucleus management	Dr Mini C G	12 min
4. Cortical aspiration	Dr Padmasree	12 min
5. IOL implantation	Dr Saritha V K	12 min
Discussion		10 min

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IC 10 Approach to wet AMD management; How to achieve best outcomes

Chief Instructor: Dr Manoj Soman

Co-instructors: Dr Prakash V S and Dr Rahul Menon

Keynote address: OCT biomarkers in AMD;

How they influence our management these days	Dr Parveen Sen	15 min
1. Diagnosis of wet AMD- Role of Multimodal imaging. Is invasive Angiography essential in the decision making process these days?	Dr Rahul Menon	10 min
2. It looks like AMD but may not be. Beware of the mimics	Dr Prakash V S	10 min
3. How best to adopt trial data in our practice. It's all about strategy.		
	Dr George Manayath	10 min
4. Selecting the ideal Anti VEGF agent.	Dr Manoj Soman	10 min
5. When expectations are not met, what can be done?	Dr Rodney J Morris	10 min
6. How do you ensure safety of therapy in your practice	Dr Rahul Menon	08 min
Discussion		10 min

Day 1 | Friday | 27 Nov 2020 | 12.30 pm to 2.00 pm | HALL B

IC 11 Refractive surgery- Current Concepts

Chief instructor: Dr Bastin V A

Co-instructor: Dr David Pudukkadan

Keynote address: Corneal refractive surgery for Presbyopia - **Dr Moones Abdalla**, Egypt 15 min



1. Selecting the ideal patient	Dr David Pudukkadan	12 min
2. Role of Surface ablation in current scenario	Dr Bastin V A	10 min
3. Implantable Contact Lenses (ICL) - Basics	Dr Freddy T Simon	12 min
4. Refractive surgery in the correction of Accommodative Esotropia	Dr Elizabeth Joseph	12 min
5. Tailored approach for individual patient	Dr Narayanankutty K	12 min
Discussion		10 min

Day 1 | Friday | 27 Nov 2020 | 2.00 pm to 3.30 pm | HALL B

IC 12 Approach to diagnosis and Management of POAG

Chief Instructor: Dr Girija K

Co-instructor: Dr Radharamanan B

Keynote address: An insight into Congenital and developmental glaucomas - **Dr Oscar Albis Donado**

(Glaucoma Associate Professor, Instituto de Oftalmologia IAP, Queretaro, Mexico)		25 min
1. Clinical evaluation of optic nerve head	Dr Smitha V K	07 min
2. Role of imaging techniques in the diagnosis of POAG	Dr Ganesh V Raman	09 min
3. Medical management of open angle Glaucoma	Dr Ronnie George	09 min
4. Lasers, an alternative to drugs?	Dr Manju Anup	06 min
5. Pearls in the surgical management	Dr Radharamanan B	08 min
6. Normal Tension Glaucoma , an overview	Dr Girija K	09 min
Discussion		7 min

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IC 13 PCR & management

Chief Instructor: Dr Jacob Mathew

Co-instructor: Dr Jaison Velandy

Keynote address: Intracameral antibiotics in cataract surgery - Aravind experience – **Dr R D Ravindran**

		22 min
1. Predisposed eye conditions and precautions to be taken against PCR		
	Dr Jacob Mathew	12 min
2. Various steps in which a PCR can occur and the management	Dr Jaison Velandy	12 min
3. PCR with nuclear fragments - how to manage	Dr Shreesh Kumar	12 min
4. Retina surgeons approach is a PCR and dropped nucleus management -		
	Dr Shane Mathew	16 min
Discussion		7 min

Day 1 | Friday | 27 Nov 2020 | 5.00 pm to 6.30 pm | HALL B

IC 14 “Uveitis –Taking the Right Path”

Chief Instructor: Dr Manoj Venugopal

Co-instructor: Dr Padmamalini M

Keynote address: “Commonly Made Mistakes in Uveitis” **Dr Padmamalini M** Head Of Uveitis and Ocular Immunology Services, Narayana Nethralaya, Bengaluru

		15 min
1. Anterior Uveitis- A Systematic Approach	Dr Nazeema Bai A	12 min
2. More Than A Peek- Posterior Uveitis Simplified	Dr Sija S	12 min
3. Unravelling the Cause –Diagnostic Workup of Uveitis	Dr Leema Rose Thomas	12 min



4. Challenges in Pediatric Uveitis	Dr Reesha K R	12 min
5. Handling the Pressure - IOP Considerations In Uveitis	Dr Dalia S	12 min
Discussion	10 min	

Day 1 | Friday | 27 Nov 2020 | 8.00 am to 9.30 am | HALL C

IC 15 Standalone Keynote

Session Coordinator: Dr Kiran Gopalakrishnan

Keynote address: Management of asymptomatic narrow angles: Lessons from recent trials - **Prof Tin Aung** (Executive Director, Singapore Eye research Institute, Singapore.) 25 min address followed by panel discussion

Panelists:

1. Dr Andrew Braganza
2. Dr Murali Ariga
3. Dr Sirish Nelvigi
4. Dr Saikumar SJ
5. Dr Thomas George T
6. Dr Kiran Gopalakrishnan

Day 1 | Friday | 27 Nov 2020 | 9.30 am to 11.00 am | HALL C

IC 16 Pediatric Issues for the comprehensive Ophthalmologist

Chief Instructor: Dr Leila Mohan

Co-instructors: Dr Nirmal J, Dr Lakshmi C & Dr Vijayalakshmy

Keynote Address: Acute diplopia and acquired non-accommodative esotropia in Covid Era - **Dr Kalpana Narendren**

		20 min
1. Should I give spectacles now?	Dr Nirmal J	10 min
2. Should I start patching now?	Dr Lakshmi C	10 min
3. When is surgical management absolutely essential in strabismus?	Dr Leila Mohan	10 min
4. When is imaging necessary for a child with defective vision?	Dr Vijayalakshmy	10 min
5. Paediatric Uveitis - How to go about it?	Dr Prakash V S	10 min

Discussion 15 min

Day 1 | Friday | 27 Nov 2020 | 11.00 am to 12.30 pm | HALL C

IC 17 Optimizing cataract surgery outcome through Biometry - A practical approach

Chief Instructor: Dr Sandhya N

Co-instructor: Dr Sanitha Sathyan

Keynote address: "Overview of biometry" **Dr Arup Chakrabarti**

		20 min
1. Basics of Biometry- What you need to know	Dr Sanitha Sathyan	10 min
2. IOL formulas – A practical approach	Dr Sandhya N	10 min
3. Choosing the right IOL power in short and long eyes	Dr Sony George	10 min
4. Challenges in IOL power calculation in vitrectomised eyes	Dr Meena C K	10 min
5. Patient satisfaction beyond biometry	Dr Merine Paul	10 min

Discussion 15 min



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IC 18 Controversies in the management of Retinal disorders

Chief Instructor:	Dr Ashok Nataraj		
Co-instructors:	Dr Prakash V S, Dr Unnikrishnan Nair		
Keynote address:	Early Vitrectomy for PDR - Dr V R Saravanan		20 min
1.	"Leave the fluid alone"- A dilemma in the management of wet AMD	Dr Unnikrishnan Nair	10 min
2.	When will I stop injecting in DME? What is the evidence?	Dr Prakash V S	10 min
3.	Sudden vision loss in Retinitis Pigmentosa- What will I do?	Dr Sameera V V	10 min
4.	Macular hole with 6/60 vision - Why should I operate?	Dr Ashok Nataraj	10 min
5.	PDR with DME - What should I do?	Dr Rajesh Puthusseri	10 min
Discussion			15 min

Day 1 | Friday | 27 Nov 2020 | 2.00 pm to 3.30 pm | HALL C

IC 19 Smart Refraction Clinic

Chief Instructor:	Prof Anthrayose Kakkanatt		
Co-instructor:	Dr Rohan A		
Keynote address:	Smart Refraction Clinic / Unit – Prof Dr Rajasekar RIO Chennai		15 min
1.	Introduction	Dr Babu Krishnakumar	10 min
2.	Enriching refraction	Dr Sahasranamam V	10 min
3.	Selection of Spectacle, Frames & Lenses	Dr Anthrayose Kakkanatt	20 min
4.	Spectacle Intolerance	Dr Radha Ramanan B	10 min
5.	Setting up an optical unit - Inventory / Ethics	Dr Rohan A	10 min
Discussion			10 min

Day 1 | Friday | 27 Nov 2020 | 3.30 pm to 5.00 pm | HALL C

IC 20 From Birth to Adolescence - Hidden, manifest signs and symptoms one shouldn't miss

Chief Instructor:	Dr Meena C K		
Co-instructor:	Dr Remya Mareen Poulouse		
Keynote address:	Recent advances in Pediatric Cataract Management - Dr Ramesh Kekunnaya , LVPEI		20 min
1.	ROP- Unmask the silent thief of vision:	Dr Remya Mareen Poulouse	12 min
2.	Media opacities- Detect; Decide and Clear	Dr Meena C K	12 min
3.	Deviated eyes – Red signals	Dr Elizabeth Joseph	12 min
4.	I am ready for words- Refractive issues in school- going children	Dr Sumitha Jacob	12 min
5.	Progression of refractive errors in adolescence –Detection and remedies	Dr Vijayalakshmi M S	12 min
Discussion			5 min

Day 1 | Friday | 27 Nov 2020 | 5.00 pm to 6.30 pm | HALL C

IC 21 Viral Keratitis - Essentials for day to day practice

Chief Instructor:	Dr Vinay S Pillai
Co-instructor:	Dr Anil Radhakrishnan



Keynote address: Herpes Simplex Keratitis - Classification & Evidence - Based Treatment Strategies -

Dr James Chodosh		20 min
1. Herpes Zoster Ophthalmicus - An Update	Dr Prashant Garg	15 min
2. Adenoviral Keratoconjunctivitis - An Update In Pathogenesis & Management	Dr James Chodosh	15 min
3. CMV Keratitis - An Under Diagnosed Entity	Dr Rajesh Sinha	10 min
4. Case - Pediatric HSV Infection	Dr Anil Radhakrishnan	07 min
Discussion		18 min

Day 1 | Friday | 27 Nov 2020 | 8.00 am to 9.30 am | HALL D

IC 22 Light at the end of the tunnel

Chief Instructor:	Dr Ani Sreedhar	
Co-instructors:	Dr Charles Skariah, Dr K C Rajini	
1. When and What to do	Dr Ani Sreedhar	10 min
2. Evisceration	Dr Faraz Ali	10 min
3. Enucleation	Dr Marian Pauly	10 min
4. Contracted Socket	Dr Fairouz P M	10 min
5. Cosmetic Rehabilitation	Dr Ann J K	10 min
Keynote address: Thyroid Eye Disease - Dr Tarjani Dave , L V Prasad Eye Institute, Hyderabad		15 min
Discussion		5 min

Day 1 | Friday | 27 Nov 2020 | 9.30 am to 11.00 am | HALL D

IC 23 Neuro Ophthalmology Essentials

Chief instructor:	Dr Kalaimathi G.S.	
Co-instructors:	Dr Neena R, Dr Revati Ramesh, Dr Sujithra H & Dr Ann J K	
1. Neuro-Ophthalmological examination techniques	Dr G S Kalaimathi	09 min
2. Visual fields in Neuro- Ophthalmology	Dr Revati Ramesh	09 min
3. Neuro imaging in Neuro- Ophthalmology	Dr Sujithra H.	09 min
4. OCT in Neuro- Ophthalmology	Dr Ann J K	09 min
5. Electrophysiology simplified	Dr Neena R	09 min
Keynote address: "Neuro Ophthalmic conditions I don't want to miss" - Dr S Padmavathy , Chief, Neuro Ophthalmology Services, Aravind Eye Hospital, Tirunelveli.		20 min
Discussion		15 min

Day 1 | Friday | 27 Nov 2020 | 11.00 am to 12.30 pm | HALL D

IC 24 'An Eye for an eye': Eye banking today

Chief Instructor:	Dr Lilan Bhat	
Co-instructor:	Dr David Pudukadan	
1. Historical perspectives and Eye Bank organisation	Dr Hilda Nixon	15 min
2. Tissue retrieval, Storage and Processing	Dr David Pudukadan	15 min
3. Tissue Evaluation and Distribution	Dr Neena Chris William	10 min
4. What's New? And Take Home Messages	Dr Lilan Bhat	10 min
Keynote address: The COVID Pandemic and Eye Banking	Dr Sunita Chaurasia	20 min
Panel Discussion		10 min



Day 1 | Friday | 27 Nov 2020 | 12.30 pm to 2.00 pm | HALL D

IC 25 “How to publish a paper?” A KJO Session

Chief Instructor: Dr Sudha V

Co-instructors: Dr Mahesh G & Dr John Davis Akkara

Keynote address: What Do Editors Want?- Dr Santosh G Honavar , <i>Editor, IJO</i>	20 min
1. Finding the Right Journal. Dr Sabyasachi Sengupta, <i>Associate Editor, IJO</i>	15 min
2. Structure of a Paper: Key Elements. Dr Praveen Nirmalan, <i>Chief Research Mentor, AMMA Center for Preventive and Diagnostic Medicine, Kochi, Kerala</i>	20 min
3. Ethical Considerations in Publishing : Dr Anna Elias, <i>Giridhar Eye Institute, Kochi</i>	10 min
4. Conversion of a Thesis into Research Paper: Dr Aniruddha Aggarwal, <i>PGIMER, Chandigarh</i>	10 min
5. Submission and the process of Online Review: Dr Sudha. V, <i>Editor, KJO</i>	10 min
Discussion	5 min

Day 1 | Friday | 27 Nov 2020 | 2.00 pm to 3.30 pm | HALL D

IC 26 Hot and new trends in retina

Chief Instructor: Dr Divya Balakrishnan

Co-instructor: Dr Divya Alex

1. Newer terminologies in the Spectral domain OCT	Dr Divya Alex	10 min
2. Newer diseases in retina	Dr Rahul Menon	10 min
3. Imaging: What’s new?	Dr Divya Balakrishnan	10 min
4. Newer drugs in retina	Dr Dhileesh PC	10 min
5. Newer Laser techniques	Dr Remya M Paulose	10 min

Keynote address: Latest in Retina Treatments: Gene therapy and stem cell therapy Dr Rajani Battu , Bangalore	15 min
Panel discussion	10 min

Day 1 | Friday | 27 Nov 2020 | 3.30 pm to 5.00 pm | HALL D

IC 27 Oculoplasty for general ophthalmologists

Chief Instructor: Dr Reena Abdul Rasheed

Co-instructor: Dr Fairooz P M

1. Oculoplasty procedures aiding the quality of vision after intraocular surgeries	Dr Fairooz	12 min
2. Management of diseases of Lacrimal apparatus in general ophthalmology practice	Dr Akshay G Nair	12 min
3. Periorbital and Ocular adnexal evaluation	Dr Reena Abdul Rasheed	12 min
4. Management of eyelid and periorbital trauma	Dr Marian Pauly	12 min

Keynote address: Orbital Diseases- Clinical and Therapeutic Aspects in Day to Day Practice - Dr Fairooz P M	25 min
Discussion	10 min

Day 1 | Friday | 27 Nov 2020 | 5.00 pm to 6.30 pm | HALL D

IC 28 Patient Communication: Secret of a great Practice

Chief Instructor: Dr Anup Chirayath

Co-instructor: Dr Sasikumar P



Program

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| • Introduction to patient communication: | Dr Anup Chirayath | 03 min |
| • Introduction of Keynote speaker: | Dr Anup Chirayath | 03 min |
| Keynote address: Communication skills | Dr P Sasikumar | 20 min |
| • Video Presentation of clinical scenarios,
Each followed by expert's comments | | 45 min |
| 1. Patient unhappy with progressive glasses
Expert comments: Dr Sreeni Edakhlon | | |
| 2. Rich patient wants camp surgery
Expert comments: Dr Rajiv Sukumaran | | |
| 3. Patient complaining about other doctor
Expert comments: Dr R R Varma | | |
| 4. Good post op vision patient... yet unhappy
Expert comments: Dr Rajiv Sukumaran | | |
| 5. Patient with multiple intraocular injections
Expert comments: Dr Mahesh Gopalakrishnan | | |
| 6. Hindi speaking patient
Expert comments: Dr Sreeni Edakhlon | | |
| 7. Nucleus drop patient
Expert comments: Dr Mahesh Gopalakrishnan | | |
| 8. Patient wants latest technology
Expert comments: Dr R R Varma | | |
| 9. Post Covid communication | | |

Discussion 10 min

Day 1 | Friday | 27 Nov 2020 | 8.00 am to 9.30 am | HALL E

Professor Dr K S Subramaniam Award Preliminary Group A

1. **DS20-005** - Proportion of clinically significant macular edema and its associated factors among diabetic patients of a tertiary care hospital in Kerala - Dr Mini David K
2. **DS20-010** - Pattern of retinal changes in chronic kidney disease- An OCT based study - Dr Anchitha Meenu
3. **DS20-013** - A comparative study of the prevalence of orbital fractures in two-wheeler and other RTA. - Dr Lessitha N
4. **DS20-019** - A comparative study of surgically induced astigmatism in small incision cataract surgery using the superior vs supero-temporal scleral tunnel incision. - Dr Vishnu Somaraj
5. **DS20-027** - Effectiveness of low dose topical atropine in preventing the progression of myopia - a prospective interventional cohort study in Paediatric patients. - Dr Tara Susan Mohan
6. **DS20-035** - Anterior chamber depth and lens thickness in primary angle closure glaucoma-a case control study - Dr Anjali Shelbi
7. **DS20-062** - Evaluation of the effect of ocular cosmetics on ocular surface and adnexa - Dr Shahnas Valappil
8. **DS20-089** - Prevalence of antenatal and natal factors in infantile onset strabismus - Dr Najla
9. **DS20-116** - Role of teachers in screening of ocular disorders in school children: A multistage school screening program - Dr Aparna K S
10. **DS20-132** - Assessment of clinical biomarkers in diabetic macular edema patients treated with anti-vascular endothelial growth factors - Dr Aneesha Ichlangod



11. **DS20-149** - A prospective study to compare the changes of ocular surface analysis in patients with pterygium before and after excision with limbal – A conjunctival autograft transplantation in a tertiary care centre - Dr Milu Mohandas
12. **DS20-184** - OCT biomarkers in prognostication of visual recovery in optic neuritis - Dr Ramya

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Professor Dr K S Subramaniam Award Preliminary Group B

1. **DS20-007** - Hospital prevalence of Dry Eye Syndrome among Type 2 Diabetes Mellitus patients: A cross- sectional study - Dr Blessy Mary Koshy
2. **DS20-020** - Changes in macular thickness following pan-retinal photocoagulation in diabetic retinopathy - Dr Shafeeja S
3. **DS20-025** - Effectiveness of part time occlusion therapy for anisometropic amblyopia in children aged between 5 – 15 years - Dr Anu B S
4. **DS20-078** - Use of OCT biomarkers to predict treatment responses in neo-vascular age related macular degeneration - Dr Neethu
5. **DS20-079** - Lens involvement in patients with closed globe injury presenting to Regional Institute Of Ophthalmology (RIO) - Dr Elsa Varghese
6. **DS20-095** - Association between diabetic retinopathy and diabetic foot disease - Dr Muthulakshmi
7. **DS20-097** - Clinical spectrum and intraocular pressure changes in herpes simplex viral keratitis - Dr Nimmy George
8. **DS20-145** - Intense pulsed light (IPL) therapy as a treatment for evaporative dry eyes - Dr Julia Raju
9. **DS20-160** - Risk factors of retinopathy of prematurity(ROP)-A case control study in a tertiary care centre - Dr Karthiga
10. **DS20-169** - A cross sectional study to analyze the correlation between Visual Field Index and glaucoma severity in Primary Open Angle Glaucoma patients. - Dr Nusrath Parambil
11. **DS20-193** - Association between glycemic variability, as measured by Continuous Blood Glucose Monitoring System (CGM 14 days) and Severity of Diabetic Retinopathy in patients with Type II Diabetes Mellitus. - Dr Kushal Goud
12. **DS20-199** - To study the visual impairment in patients with Pituitary Macroadenoma - Dr Swathi Prabhakaran

Day 1 | Friday | 27 Nov 2020 | 11.00 am to 12.30 pm | HALL E

Professor Dr K S Subramaniam Award Preliminary Group C

1. **DS20-054** - Analysis of retinal nerve fibre layer thickness in Primary Open Angle Glaucoma Using Optical Coherence Tomography - Dr Sreeniya A
2. **DS20-063** - Demography and visual prognostic factors in ocular blunt trauma - Dr Sithara
3. **DS20-067** - Relationship between outer retinal layer thickness at the foveal centre and visual acuity in patients with diabetic macular edema– A cross sectional study. - Dr Anjali Prabhakar
4. **DS20-072** - Pentacam based analysis of change in higher order aberrations and corneal topography in patients with dry eye syndrome - Dr Thasneem Asharaf
5. **DS20-075** - Refractive status of patients with Primary Open Angle Glaucoma - Dr Anju
6. **DS20-076** - Association of intraocular pressure with refractive error and axial length in children - Dr Anupama Jayan



7. **DS20-080** - Assessment of visual function and vision related quality of life in patients with open angle glaucoma - Dr Shimi Mukundan
8. **DS20-081** - Effectiveness of portable non mydriatic hand held fundus camera as a screening tool for detecting diabetic retinopathy. - Dr Remya S
9. **DS20-086** - Awareness, knowledge and practice in Glaucoma – A survey among Ophthalmology Patients - Dr Kavya K
10. **DS20-121** - Analysis of pattern of visual field changes in dysthyroid optic neuropathy (DON) - Dr Nadhna Basheer
11. **DS20-151** - Impact of topical Antiglaucoma Medications [AGM] on the ocular surface of glaucoma patients without any pre-existing evidence of dry eye - as evaluated by the newer diagnostic tool IDRA - Dr Ann Jose
12. **DS20-162** - Knowledge and practice of intensive care unit nurses in prevention of exposure keratopathy in a tertiary care centre at North Kerala - Dr Daliya Balakrishnan

Day 1 | Friday | 27 Nov 2020 | 12.30 pm to 2.00 pm | HALL E

Professor Dr K S Subramaniam Award Preliminary Group D

1. **DS20-015** - A study on comparing the therapeutic outcomes following intravitreal ranibizumab between patients having branch retinal vein occlusion with and without serous macular detachment. - Dr Divya Ravindran Pallikkara
2. **DS20-036** - Comparison of refractive errors obtained by two objective refraction techniques with that obtained by post mydriatic subjective refraction. - Dr Amritha
3. **DS20-068** - Reliability of gonioscopy and anterior segment -Optical Coherence Tomography in assessing the angle of anterior chamber - Dr Jaseena
4. **DS20-096** - Lid Injury: Clinical presentations and surgical outcome - Dr Arunlal
5. **DS20-104** - DRIL as a predictor of visual acuity in eyes with centre involving diabetic macular edema-a prospective study - Dr Chinju Thomas
6. **DS20-110** - Refractive Adaptation-A step before amblyopia management - Dr Blessy Chacko
7. **DS20-112** - Ocular manifestation of sellar and suprasellar tumors - Dr Devika
8. **DS20-119** - Role of Hemoglobin as a predictor of type and severity of retinopathy in type 2 diabetic adults. - Dr ANJALI
9. **DS20-123** - The proportion of lattice degeneration of retina and its relation to axial length in patients with myopia more than two diopters. - Dr Rehana George
10. **DS20-158** - Intense pulsed light (IPL) therapy in the treatment of dry eye – Raising the bar - Dr Meru Augustine
11. **DS20-163** - Factors affecting congenital cataract surgery outcomes. - Dr Hassan Kunju Jubaira
12. **DS20-173** - Anterior segment OCT based study on age related changes in schlemm's canal and comparison of the same with glaucomatous patients of corresponding age group at risk. - Dr Femina N Hashim

Day 1 | Friday | 27 Nov 2020 | 2.00 pm to 3.30 pm | HALL E

Professor Dr K S Subramaniam Award Preliminary Group E

1. **DS20-023** - evaluation of retinal changes in normal pregnancy and gestational hypertension - An SD-OCT based study - Dr Niya Babu
2. **DS20-024** - Diabetic Retinopathy and dermopathy - Are they correlated? - Dr Niya Babu
3. **DS20-056** - Role of systematic screening to assess ocular toxicity in patients on Hydroxychloroquine - Dr Chandni Mohan



4. **DS20-073** - “effect of intra-vitreous bevacizumab on visual acuity and optical coherence tomography (OCT) changes in Wet Age Related Macular Degeneration” - Dr Anupama S
5. **DS20-114** - Incidence of Post traumatic glaucoma – A Prospective observational study. - Dr Mullai
6. **DS20-120** - Evaluation of peripheral fundus auto fluorescence changes using ultra-wide field retinal imaging in patients with Age Related Macular Degeneration - Dr Rohan Rajan
7. **DS20-130** - Visual functional parameters in Diabetic Retinopathy - Dr Greeshma Poullose
8. **DS20-150** - Clinical evaluation and visual outcome of traumatic Optic Neuropathy - Dr Fazil Latheef
9. **DS20-164** - Evaluation of visual acuity and stereo acuity in preschool children - Dr Manna James
10. **DS20-172** - Role of Optical Coherence Tomography Angiography (OCTA) in Glaucoma - Dr Aparna Krishnan
11. **DS20-191** - Visual acuity and complications of LASIK with femtosecond laser versus mechanical microkeratome - Dr Sajana Rahman
12. **DS20-222** - Knowledge, attitude & practice regarding eye donation among medical, nursing and paramedical students - Dr Indu Mohan

Day 2: Saturday | 28 Nov 2020

Day 2: Saturday | 28 Nov 2020 | 8.00 am to 9.30 am | HALL A

IC 29 Glaucoma secondary to posterior segment disease

Chief Instructor: Dr Meena Chakrabarti

Co-instructor: Dr Arup Chakrabarti

Key Note Address: Dr Davinder Grover - MIGS

		15 min
1.	Introduction	Dr Meena Chakrabarti 03 min
2.	Neovascular Glaucoma	Dr Arup Chakrabarti 10 min
3.	Glaucoma associated with Posterior Segment	Dr Aravind Neel 15 min
4.	Difficulties in the Treatment of POAG in High Myopia	Dr Sunitha Dubey 15 min
5.	Glaucoma Associated with Intravitreal Injection	Dr Meena Chakrabarti 15 min
Discussion		10 min

Day 2: Saturday | 28 Nov 2020 | 9.30 am to 12.30 am | HALL A

SP 1 International TED Talk

1. **Keith Barton**, Consultant Ophthalmologist and Glaucoma Specialist at Moorfields Eye Hospital, Honorary Reader in UCL Institute of Ophthalmology, Co-chair of Ophthalmology Futures Forums and Editor-in-Chief of the British Journal of Ophthalmology, **Topic: Evolution of glaucoma surgery**
2. **Madhavan Rajan**, Consultant Ophthalmologist and Clinical lead - Cornea and Cataract service Cambridge University Hospitals UK, **Topic: Cornea during Covid times**
3. **Suman S. Thapa, MD, PhD**, Professor of Ophthalmology Director of Research Tilganga Institute of Ophthalmology Kathmandu, Nepal **Topic: Glaucoma, ‘Ek Ek Paila’ and Music for Medicine**
4. **Gangadhara Sundar, DO, FRCSEd, FAMS Diplomate**, The American Board of Ophthalmology, Head & Senior Consultant, Orbit & Oculofacial Surgery,, Dept of Pediatrics National University Hospital, Singapore, Chair, Academic & Scientific Committee, Asia Pacific Ophthalmic Trauma Society (APOTS) President, Singapore Society of Ophthalmic Plastic & Reconstructive Surgery (SSOPRS) **Topic: Thyroid Eye Disease: A conceptual approach**



5. **Azimuddin Azim Siraj** *FRCS (Edin)., M.Med (Singapore)., DNB., DO., MBBS* is a Consultant and Head of department at a MOH Hospital, in Brunei. With over 30 years' experience in Comprehensive Ophthalmology locally and overseas, he is an excellent surgeon, astute clinician and a passionate teacher, training and guiding his team of doctors, Nurses, UGs and PGs. He has been regularly invited to international conferences as foreign expert guest faculty. He is a steadfast supporter and an active participant in his capacity as the KSOS overseas academic expert panel. **Topic: The cryptic assassin... masquerades in uveitis**

Day 2: Saturday | 28 Nov 2020 | 12.30 pm to 2.00 pm | HALL A

IC 30 - SICS IN DIFFICULT SITUATIONS

Chief Instructor: Dr Philip Kuruvilla

Co-instructors: Dr Radharamanan, Dr Sabitha & Dr S Sasikumar

1. Rhexis in difficult situations	Dr Leena Varghese	10 min
2. Nucleus management	Dr Philip Kuruvilla	10 min
3. SICS in small pupil and IFIS	Dr Leila Mohan	10 min
4. SICS in Silicone oil filled eyes	Dr Biju John	10 min
5. Subluxated cataracts	Dr Minu M Mathen	10 min
6. How to flourish as an SICS surgeon	Dr Sasikumar P	10 min
Discussion	15 min	

Day 2: Saturday | 28 Nov 2020 | 2.00 pm to 3.30 pm | HALL A

Quiz for Ophthalmologists – Quiz master: Dr Prashob Mohan

Day 2: Saturday | 28 Nov 2020 | 3.30 pm to 5.00 pm | HALL A

IC 31 Premium IOL Practice Upgrade and Update - Pearls and Golden Tips

Chief Instructor: Dr Sony George

Co-instructors: Dr Rajiv Sukumaran, Dr N Sandhya, Dr Rohit Shetty, Dr Santonu Chakraborti

1. Brief outline of the course	Dr Sony George	03 min
Keynote address: Evolution of premium IOLS - Dr Sudarshan Khokhar, RP Centre, AIIMS Delhi		20 min.
2. Patient selection and counselling in premium IOL practice	Dr Rajiv Sukumaran	10 min
3. Toric IOLs initiation and practice	Dr N Sandhya	10 min
4. Multifocal/Trifocal/Edof/Toric Versions Choosing the Right One	Dr Sony George	12 min
5. Premium IOL selection in post refractive surgery eyes/special situations	Dr Santonu Chakraborti	10min
6. Tackling the unhappy TRI/ MULTIFOCAL patient	Dr Rohit Shetty	10 min
Discussion	10 min	

Day 2: Saturday | 28 Nov 2020 | 5.00 pm to 6.30 pm | HALL A

IC 32 Surgical Handicraft for Ophthalmic Surgery

Chief Instructor: Dr Thomas George T

Co-instructor: Dr Kiran Gopalakrishnan

Keynote address: An Overview of Microsurgery – Dr Lawrence G (Consultant in Paediatric Ophthalmology and Strabismus, Sunderland eye Infirmary, United Kingdom) 20 min

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|---------------------|--------------|--------|
| 1. Dividing tissues | Dr Aby Jacob | 10 min |
|---------------------|--------------|--------|



2. Uniting Tissues	Dr Andrew Braganza	10 min
3. Holding Tissues	Dr Thomas George T	10 min
4. OVD as surgical instrument	Dr Kiran Gopalakrishnan	10 min
5. Surface tension & thin fluids (gas & hydro techniques)	Dr Ronnie George	10 min
Discussion		10 min

Day 2: Saturday | 28 Nov 2020 | 6.30 pm to 10.00 pm | HALL A

General Body Meeting

Variety Entertainment by ophthalmic fraternity

Day 2: Saturday | 28 Nov 2020 | 8.00 am to 9.30 am | HALL B

IC 33 Update on Secondary IOLs: Current practices

Chief Instructor: Dr Minu M Mathen

Co-instructor: Dr Sreeni Edakhlon

1. Pre-Operative evaluation & decision making on which procedure to choose	Dr Lathika V K	10 min
2. AC IOL implantation- prerequisites and technique	Dr Anil Radhakrishnan	10 min
3. Iris fixation – clipped IOLs	Dr Sreeni Edakhlon	10 min
4. Iris fixation – Sutured IOLs	Dr Minu M Mathen	05 min
5. Sutured Scleral fixation- Technique of 2 point & 4 point fixation	Dr Mathew Kurian	10 min
6. Intra scleral haptic fixation- with and without glue	Dr Minu M Mathen	10 min
Discussion		10 min

Keynote address: Improving outcomes with appropriate Secondary IOL— **Dr Sudeep Das** Medical Director & CMO Sankara Eye Hospital Samarjhol, ODISHA 20 min

Day 2: Saturday | 28 Nov 2020 | 9.30 am to 11.00 am | HALL B

IC 34 Secondary glaucoma in routine practice

Chief Instructor: Dr Susan Philip

Co-instructor: Dr Smita Narayan

Keynote address: An approach to Exfoliation syndrome and exfoliation glaucoma - **Dr L Vijaya**, Sankara Nethralaya, Chennai, TN 25 min

1. Trauma and Glaucoma	Dr Susan Philip	12 min
2. Drugs and glaucoma	Dr Ambily S	12 min
3. Ocular Surgeries and Glaucoma	Dr Mini Mathew	12 min
4. Inflammation and glaucoma	Dr Smita Narayan	12 min
Discussion		7 min

Day 2: Saturday | 28 Nov 2020 | 11.00 am to 12.30 pm | HALL B

IC 35 Cataract Surgery Transitions

Chief instructor Dr Sreeni Edakhlon

Co-instructor Dr Minu M Mathen

Keynote address: **Dr Namrata Sharma:** Learning Phacoemulsification during COVID times:

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|--|--|--------|
| a. Wet Lab and Simulations | | 10 min |
| b. Understanding Phacoemulsification through Intra operative OCT | | 10 min |
| 1. The Basic of Basics | | |



a. Anesthesia			
b. Suturing - “the backup”			
c. Microscope settings			
d. Positioning of surgeon and patient	Dr Mathew Kurian		8 min
2. MSICS and Phacoemulsification - The Transition:	Dr Minu M Mathen		8 min
3. Transition to Phacoemulsification - Tailoring your machine parameters: “Bottle height, flow/aspiration, Vacuum, Power” to your surgery:	Dr Sreeni Edakhlon		8 min
4. Divide & Conquer and Transition to Chopping:	Dr J K Reddy	8 min	
5. Transition to foldable IOL implantation - Avoiding Mistakes:	Dr Anup Chiriyath		8 min
6. Transition to Toric IOL implantation:	Dr Prabhusankar M		8 min
Discussion		10 min	

Day 2: Saturday | 28 Nov 2020 | 12.30 pm to 2.00 pm | HALL B

IC 36 Microbial Keratitis except viral

Chief Instructor: Dr Anil Radhakrishnan

Co-instructor: Dr Vinay S Pillai

1. How best to deal with infections in a solo practice	Dr Aneeta Jabbar		10 min
2. Clinical presentations	Dr Meena Laksmipathy		10 min
3. AIOS guidelines for Infective Keratitis	Dr Vinay S Pillai		05 min
4. Corneal scraping, biopsy	Dr Anil Radhakrishnan		10 min
5. How to establish a basic microbiology set-up	Dr Savitri Sharma		10 min
Keynote address - Practical approach to corneal infections	Dr Srinivas K Rao, Chennai		20 min
6. Corneal infections in children	Dr Muralidhar Ramappa		10 min
Discussion		10 min	

Day 2: Saturday | 28 Nov 2020 | 2.00 pm to 3.30 pm | HALL B

IC 37 Rediscovering the art of Refraction

Chief Instructor: Dr Jyothi P T

Co-instructors: Dr Padmaja Krishnan, Dr Ferzana Mohammed

1. Introduction	Dr Jyothi P T		03 min
Keynote address: Retinoscopy Simplified:	Dr Chandrasekhar D, Coimbatore		20 min
2. Pediatric Refraction and Spectacle Prescription -	Dr Babitha V		15 min
3. Managing Presbyopia -	Dr Padmaja Krishnan		15 min
4. Basics of contact lenses	Mr Yeswant Saoji		15 min
5. Digital eyestrain in the Covid era	Dr Ferzana Mohammed		12 min
Discussion		05 min	

Day 2: Saturday | 28 Nov 2020 | 3.30 pm to 5.00 pm | HALL B

IC 38 Retinal imaging

Chief Instructor: Dr Unnikrishnan Nair

Co-instructor: Dr Manoj S

Keynote address: Advances in Retinal imaging:	Dr Jay Chhablani, University of Pittsburgh, USA		15 min
1. Multicolor Imaging: Not just technicolor	Dr Manoj S		10 min
2. Infrared reflectance imaging: Seeing more in black and white	Dr Prakash VS		10 min



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| 3. Fundus Auto fluorescence: RPE metabolic imaging | Dr Ashok Nataraj | 10 min |
| 4. OCT : Recap of newer findings | Dr Unnikrishnan Nair | 10 min |
| 5. The real uses of OCTA | Dr Mahesh G | 10 min |

Discussion 10 min

Day 2: Saturday | 28 Nov 2020 | 5.00 pm to 6.30 pm | HALL B

IC 39 Make Your Foundation Strong - Basics in glaucoma

Chief Instructor: Dr Bindu S Ajith

Co-instructor: Dr Nimitha

Keynote address: The Future of Glaucoma care - **Dr David S Friedman** (Professor Ophthalmology, Harvard Medical School, Director of Glaucoma service, Massachusetts Eye and ear infirmary) 25 min

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|---|------------------|--------|
| 1. Applanation tonometry - The gold standard | Dr Bindu S Ajith | 10 min |
| 2. CCT - not just Mathematics | Dr Nimitha | 10 min |
| 3. The Art and Science of Gonioscopy | Dr Jayant Iyer | 10 min |
| 4. Humphrey fields- Reading a print out to progression analysis | Dr Gowry Moorthy | 10 min |
| 5. Octopus field - How different is this babe | Dr Sathyan | 10 min |

Discussion 10 min

Day 2: Saturday | 28 Nov 2020 | 8.00 am to 9.30 am | HALL C

IC 40 Role of Imaging in Glaucoma Practice - a clinical overview

Chief Instructor: Dr Meena Nair

Co-instructor: Dr Manoj Prathapan

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|---|-------------------------|--------|
| 1. Role of Ultrasound Biomicroscopy (UBM) in glaucoma imaging | Dr Ronnie George | 10 min |
| 2. Anterior Segment OCT in glaucoma | Dr Meena Nair | 10 min |
| 3. Posterior Segment OCT in glaucoma | Dr Thomas Arun Varghese | 10 min |
| 4. SD-OCT imaging artifacts in clinical practice | Dr Manoj Prathapan | 10 min |
| 5. Recent advances in imaging in glaucoma | Dr Abhilash Nair | 10 min |

Keynote address: Applying population based studies in your clinic - **Dr Ronnie George** (Sankara Nethralaya, Chennai, TN) 20 min

Discussion 10 min

Day 2: Saturday | 28 Nov 2020 | 9.30 am to 11.00 am | HALL C

IC 41 Corneal Collagen Cross linking - the evolution

Chief Instructor: Dr V Sujith Nayanar

Co-instructor: Dr J K Reddy

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| 1. Corneal Collagen Cross linking- the evolution : | Dr V Sujith Nayanar | 05 min |
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Keynote address: Biological response & Impact on CXL **Dr Rohit Shetty** Narayana Nethralaya, Bangalore 20 min

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|---|-----------------------|--------|
| 2. CXL in special conditions- thin corneas, post lasik, PMD | Dr J K Reddy | 15 min |
| 3. CXL in pediatric population | Dr Vishal Jhanji | 15 min |
| 4. Customised CXL | Dr Shreyas Ramamurthy | 10 min |
| 5. CXL in infective keratitis | Dr Sharon Dsouza | 10 min |

Discussion 10 min

Day 2: Saturday | 28 Nov 2020 | 11.00 am to 12.30 pm | HALL C

IC 42 Mistakes in Medical Retina practice - A case based discussion

Chief Instructor: Dr Natasha Radhakrishnan

Co-instructor: Dr Manoj S

Keynote address: OCT and OCTA Markers in Diabetic Macular edema - **Dr Chaithra Jayadev**, Narayana Nethralaya, Bangalore 15 min

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|--|--------------------------|--------|
| 1. CNVM versus PCV – How and why to differentiate? | Dr Manoj S | 09 min |
| 2. Central Serous Retinopathy - When and how to treat? | Dr Praveen Muraly | 09 min |
| 3. Retinal Vein Occlusions - What should I inject | Dr Thomas Cherian | 09 min |
| 4. Diabetic Retinopathy - pearls and pitfalls | Dr Natasha Radhakrishnan | 09 min |
| 5. All that leaks is not a CNVM - common mimickers | Dr Remya Paulose | 09 min |

Discussion 15 min

Day 2: Saturday | 28 Nov 2020 | 12.30 pm to 2.00 pm | HALL C

IC 43 'HOW TO's in upgrading your Strabismus skills

Chief Instructor: Dr Satish Thomas

Co-instructors: Dr Sumitha Jacob, Dr Anju Ninan

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|--|----------------------|--------|
| 1. How to master the cover tests for preoperative evaluation of squint | Dr Sumitha Jacob | 08 min |
| 2. How to perform a muscle recession and resection: fine tips | Dr Anju Ninan | 08 min |
| 3. How to progress from horizontal muscle surgeries to the obliques | Dr Satish Thomas | 10 min |
| 4. How to tackle the holy grail of strabismus surgery, the Superior Obliques | Dr Rohit Saxena | 12 min |
| 5. How to avoid and manage common complications in squint surgeries | Dr Kavitha Kalaivani | 12 min |

Keynote address: Management of Adult Strabismus (Consecutive Exotropia, Large angle Esotropia & Strabismus in Thyroid eye disease) - **Prof. Frank Martin**, Prof. of Pediatrics & Ophthalmology, University of Sydney; President Asia Pacific Society of Pediatric Ophthalmology & Strabismus. 15 min

Discussion 10 min

Day 2: Saturday | 28 Nov 2020 | 2.00 pm to 3.30 pm | HALL C

IC 44 SICS complications and management

Chief Instructors: Dr Sinumol Thulaseedharan, Dr Smita Narayan

Co-instructor: Dr Sujatha N

Key Note address: Intraoperative aqueous misdirection syndrome- The new risk factor for PC rent- **Prof Boris Malyugin**, Professor of Ophthalmology, S. Fyodorov Eye Microsurgery Complex, Moscow, Russia 15 min

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|--|---------------------------|--------|
| 1. Introduction | Dr Sinumol Thulaseedharan | 05 min |
| 2. Incision related Complications and management | Dr Smita Narayan | 12 min |
| 3. Iris related Complications and management | Dr Minu Mathan | 10 min |
| 4. Tips and tricks for early recognition and management of PC Rent | Dr Sreeni Edakhlon | 10 min |
| 5. Challenges in nucleus management | Dr Sai Kumar S J | 13 min |
| 6. Immediate post-operative complications of SICS and management | | |



	Dr Sujatha N	08 min
7. Post-operative Astigmatism	Dr Ashish Kuruville	07 min
Discussion 5 min		

Day 2: Saturday | 28 Nov 2020 | 3.30 pm to 5.00 pm | HALL C

IC 45 Clinical pearls in Uveitis.

Chief Instructor: Dr Reesha K R
Co-instructors: Dr Anabi Shahi A, Dr Vandana Pradeep

1. Paediatric Uveitis	Dr Natasha Radhakrishnan	10 min
2. Infectious vs inflammatory Uveitis	Dr Anabi Shahi A	10 min
3. Masquerades	Dr Vandana Pradeep	10 min
4. Uveitic cataract	Dr Sandhya N	10 min
5. Practical tips in the management of Uveitis-	Dr Reesha K R	12 min

Keynote address: Pearls in the treatment of Uveitis – **Dr Parthoprattim Dutta Majumder**, Sankara Nethralaya, Chennai 15 min
Discussion 20 min

Day 2: Saturday | 28 Nov 2020 | 5.00 pm to 6.30 pm | HALL C

IC 46 Macular Potpourri - Clinical Nuggets for the General Ophthalmologists

Chief Instructor: Dr Sameera V V & Dr Rajesh P
Co-instructor: Dr Prakash V S

Keynote address: Dr Guruprasad Ayachit, MM Joshi Eye institute "Macula in Myopia - Is it always a degeneration?" 15 min

1. CSR- That whining SRF!	Dr Mahesh G	8 min
2. CNVM - Oldie's nightmare!	Dr Prakash	8 min
3. DME - The Hole in the pocket!	Dr Sameera V V	8 min
4. CME - All CME is not DME	Dr Rajesh P	8 min
5. Macular Chorioretinitis -Those baffling spots!	Dr Divya M Nair	8 min
6. ERM/Macular hole - Latch on /Dump to a VR soon	Dr Ashok Nataraj	8 min

Discussion 10 min

Day 2: Saturday | 28 Nov 2020 | 8.00 am to 9.30 am | HALL D

IC 47- CVI Demystified!

Chief Instructor: Dr Mallika Harikrishnan
Co-instructors: Dr Sujatha N, Dr Geetha V K P

1. Introduction to CVI	Dr Sujatha N	10 min
2. Etiopathogenesis and clinical profile	Dr Mallika Harikrishnan	10 min
3. How to approach a child with CVI?	Dr Geetha V K P	15 min
4. Disabled made enhanced, meeting the challenges	Dr Sahithya Bhaskaran	20 min

Keynote address: Cerebral Visual Impairment: Empowering parents to enhance their Child's Potential - **Prof Gordon N Dutton**, Department of life sciences, Glasgow Caledonian University , UK 25 min

Day 2: Saturday | 28 Nov 2020 | 9.30 am to 11.00 am | HALL D

IC 48 Anti Vegf Revision class

Chief Instructor: Dr Shane Mathew and Dr Rahul Menon
Co-instructor: Dr Mahesh G



Keynote address – Anti VEGF in ROP - Dr Vasumathy Vedantham, Chennai -	20 min
1. Indication of anti VEGF therapy. Choice of agent: My considerations	Dr Shane Mathew 10 min
2. Preoperative assessment	Dr Rahul Menon 10 min
3. Inside the OT (Video presentation)	Dr Praveen Muraly 10 min
4. Post-operative assessment. How long do I plan therapy	Dr Mahesh G 10 min
5. Anti VEGF in times of pandemic. Do we need to make changes?	Dr Rodney Morris 10 min
Panel Discussion (covering eye/ drug preparation, techniques, post op protocols)	15 min

Day 2: Saturday | 28 Nov 2020 | 11.00 am to 12.30 pm | HALL D

IC 49 Medico legal issues

Chief Instructor: Dr Jain Chimmen

1. Countering Cyberbullying: A virtual offense with real consequences. Dr Srikumar Vasudevan, Chairman PP Scheme of IMA KSB
2. Relevance of PPS: Dr Sajeev Kumar, secretary PPS of IMA KSB
3. 5 case scenarios.

Day 2: Saturday | 28 Nov 2020 | 12.30 pm to 2.00 pm | HALL D

IC 50 Future directions in glaucoma management

Chief Instructor: Dr Abhilash Nair

Co-instructor: Dr Manju Anup

Keynote address: Changing Paradigms in glaucoma - Dr Andrew Braganza

(Professor, CMC, Vellore, TN)	25 min
1. Medical advances in glaucoma management	Dr Manju Anup 10 min
2. Newer surgeries in glaucoma	Dr Saikumar S J 10 min
3. Lasers in glaucoma- a peek into the future	Dr Murali Ariga 10 min
4. Artificial Intelligence: The way ahead	Dr Anup S S 10 min
5. Genetic Modulation in glaucoma	Dr Abhilash Nair 10 min

Discussion 10 min

Day 2: Saturday | 28 Nov 2020 | 2.00 pm to 3.30 pm | HALL D

IC 51 Vast - Corneal Procedures

Chief Instructor: Dr Jayaram V R

Co-instructors: Dr Anil Radhakrishnan, Dr Sujith Nayanar

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|--|-----------------------------|
| 1. Deep anterior lamellar keratoplasty | Dr Aneeta Jabbar 12 min |
| 2. Endothelial keratoplasty | Dr Anil Radhakrishnan 12min |
| 3. Penetrating keratoplasty | Dr David Pudukkadan 12 min |
| 4. Corneal trauma and perforation repair | Dr Vinay S Pillai 12 min |
| 5. Amniotic membrane grafting and conjunctival flaps | Dr Sujith Nayanar 12 min |

Keynote address: Surgical management of limbal stem cell disorders - Dr Srinivas K Rao 15 min

Discussion 10 min

Day 2: Saturday | 28 Nov 2020 | 3.30 pm to 5.00 pm | HALL D

IC 52 NABH ECO - Patient Centered Standards – An Overview

Chief Instructor: Dr Sasikumar S

Co-instructor: Dr D Chandrasekhar, Coimbatore



1. Setting the Context	Dr Sasikumar S	05 min
Keynote address: Pearls for practice building in Covid times - Dr Nirmal Fredrick , Chennai		10 min
2. AAC	Dr Mathew Kurian, Kochi	10 min
3. COP	Dr Kamala Mahesh, Shimoga	10 min
4. MOM	Dr D Chandrasekhar, Coimbatore	10 min
5. PRE	Dr Samina Zamindar, Bengaluru	10 min
6. HIC	Dr Kumaran Murugesan, Chennai	10 min
Panel Discussion		15 min

Day 2: Saturday | 28 Nov 2020 | 5.00 pm to 6.30 pm | HALL D

IC 53 Smartphone Ophthalmology: Apps & Snaps

Chief Instructor: Dr John Davis Akkara

Co-instructor: Dr Biju Raju

1. Introduction to IC	Dr John Davis Akkara	05 min
2. Smartphone Slit lamp Imaging - slit, gonio, 90 D	Dr John Davis Akkara	14 min
3. Smartphone Fundus Imaging - Photos & Videos	Dr Biju Raju	12 min
4. Smartphone Video Recording & Editing	Dr Prasanth Gireesh	12 min
5. Ophthalmic Smartphone Apps	Dr Prithvi Chandrakanth	12 min

Keynote address: Artificial Intelligence in Retina, **Dr Sendhil Somasundaram**, Malaysia 20 min

Discussion 10 min

Day 2: Saturday | 28 Nov 2020 | 8.00 am to 9.30 am | HALL E

AS 2 Padmasree Dr S Tony Fernandez Video Award

1. DS20-016 A Per operative surprise	Dr Thomas George
2. DS20-057 Covid Pandemic - An Eye Opener	Dr Simon George
3. DS20-091 Kitchen Ophthalmic Surgeon	Dr John Davis Akkara
4. DS20-154 Mapping the tear film - a novel technique	Dr Prashob Mohan
5. DS20-185 Dwarfed iris hooks, to minimize iris trauma during cataract surgery in small pupil	Dr Jayaprasad B
6. DS20-186 Peripheral anterior capsulotomy to prevent capsular distention syndrome	Dr Jayaprasad B
7. DS20-189 Return of the prodigal medial rectus	Dr Sanitha Sathyan
8. DS20-198 Mending the bumpy surface- managing Vitreo retinal interface pathologies	Dr Kushal Goud
9. DS20-200 The art and science of lacerated lid repair	Dr Sujithra
10. DS20-201 Subdue the storm	Dr Manoj Prathapan

Day 2: Saturday | 28 Nov 2020 | 9.30 am to 11.00 am | HALL E

AS 3 Dr K C Sankara Menon Award

- DS20-31** - Early OCT biomarkers to confirm bilateral asymmetric Type 2 Macular Telangiectasia. A case control study - Dr Divya Alex
- DS20-109** - Does Pattern recognition on OCT angiography (OCTA) help in the prognosis of Neovascular AMD (nAMD)? - Dr Sameer
- DS20-125** - ICL Implantation On 50 Eyes of Stable Keratoconus : Our Experience - Dr Chandrakanth
- DS20-131** - IOLSCOPE - Dr Prithvi Chandrakanth



Day 2: Saturday | 28 Nov 2020 | 11.00 am to 12.30 pm | HALL E

AS 4 Padma Bhushan Dr P Siva Reddy award

1. **DS20-003** - Central Corneal Thickness Changes In Patients With Diabetic Retinopathy - Dr Mahalakshmi Balsamy
2. **DS20-011** - Ocular morbidity due to the usage of Hand Held Digital Devices(HHDD)- A Population based cross sectional study using a validated questionnaire - Dr Manju M
3. **DS20-014** - Central macular thickness and peripapillary retinal nerve fibre layer thickness in patients with proliferative diabetic retinopathy without clinically significant macular edema following multispot laser - Dr Vivek Pai
4. **DS20-041** - Charting the course of the unpredictable: An artificial intelligence based study of the myopic progression - Dr Remya
5. **DS20-088** - Can corona virus be detected in the eyes of Covid-19 patients? - Dr Simon George
6. **DS20-129** - Refractive errors in school going children - Dr Prithvi Chandrakanth
7. **DS20-182** - Management and outcome of congenital microphthalmos and anophthalmos in a tertiary care center. - Dr Indu Narayanan
8. **DS20-195** - Achieved IOL position in pseudophakic eyes as a predictor of postoperative spherical equivalent - Dr Mathew Kurian
9. **DS20-226** - MLPED (Multilayered pigment epithelial detachment); Is this a new variant of AMD? - Dr Asmita Indurkar

Day 2: Saturday | 28 Nov 2020 | 12.30 pm to 2.00 pm | HALL E

AS 5 Dr KGR Nair Memorial Award

1. **DS20-032** – Sub-retinal Hyper-reflective material (SHRM) Morphology in Neovascular age-related macular Degeneration (AMD): A case control study - Dr Divya Alex
2. **DS20-042** - Overminus therapy- A promising treatment option in Intermittent Divergent Squint (IDS). - Dr Remya
3. **DS20-055** - Atropine in Myopia - does it prevent progression? A prospective study in children attending a tertiary eye care centre in South India. Results of phase I, II & III ANALYSES. - Dr Neena
4. **DS20-065** - Demography, clinical analysis and outcome of Duane's Retraction Syndrome at a tertiary eye care centre in North Kerala - Dr Awungshi Philamazan
5. **DS20-122** - Comparison of cataract profile and outcomes between patients undergoing first-eye and second-eye cataract surgery - Dr Stephanie Sebastian
6. **DS20-135** - 'Small Incision Lenticule Extraction vs Photo Refractive Keratectomy'- A Comparative Study - Dr Reshmi
7. **DS20-176** - Baby weight gain parameters as predictive factors for progression of Retinopathy of prematurity. - Dr Natasha Radhakrishnan
8. **DS20-188** - Can stereoacuity replace visual acuity in amblyopia risk factor screening among preschoolers? - Dr Sanitha Sathyan

Day 2: Saturday | 28 Nov 2020 | 2.00 pm to 3.30 pm | HALL E

AS 6 Dr S Mohandas Award Session

1. **DS20-082** - Efficacy of Micropulse Laser Trabeculoplasty in glaucoma patients - Dr Abhilash Nair
2. **DS20-092** - Comparison of Glaucoma Medication Reminder Apps - Dr John Davis Akkara



3. **DS20-139** - Comparison of Spectralis SD OCT (Heidelberg) and Cirrus SD OCT (Carl Zeiss) for the assessment of Bruch's membrane opening based Neuro Retinal Rim width measurement in Myopic eyes. - Dr Manju Anup
4. **DS20-171** - Safety Profile of Intra-Temporal Nd:YAG LASER Peripheral Iridotomy - Dr Manoj Prathapan

Day 2: Saturday | 28 Nov 2020 | 3.30 pm to 5.00 pm | HALL E

Dr Noel Moniz Anterior Segment Free Paper

1. **DS20-029** – Clinico-microbiological profile and comparison of outcome of therapeutic keratoplasty with recipient button culture results - Dr Neena Chris William
2. **DS20-127** - Phako Emulsification for Cataract in Colobomatous – Microphthalmic - Dr Chandrakanth
3. **DS20-161** - Managing corneal irregularity and ocular surface diseases with scleral contact lenses: -Patient selection and special considerations - Dr Aneeta Jabbar
4. **DS20-178** - Visual outcome of cataract surgery in paediatric uveitis - Dr Natasha Radhakrishnan

Day 3 | Sunday | 29 Nov 2020

Day 3 | Sunday | 29 Nov 2020 | 8.00 am to 9.30 am | HALL A

IC 54 -Standard Subspecialty procedures in Pediatric Ophthalmology

Chief Instructor: Dr Elizabeth Joseph

Co-instructor: Dr Meena C K

Keynote address - Management of myopia progression in children – **Prof Rohit Saxena**, Prof. R P Center, New Delhi

		15 min
1. Lasers for ROP	Dr Divya Balakrishnan	12 min
2. Pediatric oculoplasty - Basics	Dr Ani Sreedhar	12 min
3. Surgical procedures in strabismus - what is new	Dr Elizabeth Joseph	12 min
4. Pediatric Cataract surgery - basics	Dr Leila Mohan	12 min
5. Surgical management of Pediatric glaucoma	Dr Meena CK	12 min
Discussion		5 min

Day 3 | Sunday | 29 Nov 2020 | 9.30 am to 11.00 am | HALL A

TACO QUIZ: Quiz Master – Dr D Chandrasekhar

1. **Comtrust Eye Hospital**
Team: Dr Roshna and Dr Shabeeba
2. **RIO Medical College Trivandrum**
Team: Dr Lekshmi G & Dr Shimi Mukundan
3. **Chaithanya Eye Hospital and Research centre**
Team: Dr Aparna K S & Dr Meru Augustine
4. **Govt Medical College, Kozhikode**
Team: Dr Anu G Krishna & Dr Karthiga I

Day 3 | Sunday | 29 Nov 2020 | 11.00 am to 12.30 pm | HALL A

IC 55 - Upgrading to the next level from basic phacoemulsification

Chief Instructor: Dr S J Saikumar

Co-instructor: Dr Merine Paul



Keynote address: Hooks & rings for small pupil – Learn from the master – **Dr Suven Bhattacharjee**

			12 min
1. Shifting from Ultrasound Biometry to Optical Coherence Biometry	Dr Merine Paul		08 min
2. Transition tips from Peribulbar to Topical Phaco	Dr Harshul Tak		08 min
3. Learning Phaco chop the right way	Dr Mohan Rajan		08 min
4. Tips in handling pre-existing and intra operative zonule dialysis	Dr Haripriya Aravind		08 min
5. Do's and Don'ts in Toric and Multifocal IOLs	Dr S J Saikumar		08 min
6. Foray into the world of FLACS	Dr Gaurav Luthra		08 min
Panel discussion		25 min	

Day 3 | Sunday | 29 Nov 2020 | 12.30 pm to 2.00 pm | HALL A

IC 56 Comprehensive Trabeculectomy

Chief instructor: Dr Kiran Gopalakrishnan

Co Instructor: Dr Thomas George

Keynote address: Eye watch – the tunable glaucoma valve – **Dr Andre Mermoud** (Clinique de Monchoisi, Lausanne, Switzerland. Formerly Associate Professor at the Jules Gonin Eye Hospital, University of Lausanne, Lausanne, Switzerland) 25 min

1. Basic Trabeculectomy Technique (Video based)	Dr Kiran Gopalakrishnan		08 min
2. Shallow anterior chamber after Trabeculectomy (Video based)	Dr Andrew Braganza		10 min
3. Management approach to a Failing Bleb (Video based)	Dr Thomas George		10 min
4. Late Bleb associated complications and management (Video)	Dr Ronnie George		12 min
5. MIGS- Present and Future (video based).-	Dr Aby Jacob		15 min
Discussion			5 min

Day 3 | Sunday | 29 Nov 2020 | 2.00 pm to 3.30 pm | HALL A

IC 57 - All you want to know about B Scan Ultrasound

Chief Instructor: Dr Biju John C

Co Instructors: Dr Mahesh G, Dr Dhanya R S

1. Principles and Instrumentation	Dr Dhanya R S		10 min
2. Scanning positions, Protocols and Documentation	Dr Biju John		15 min
Keynote address: B scan Interpretation and Different pathologies	Dr Muna Bhende		20 min
3. Why I need a B scan before VR Surgery	Dr Mahesh G		10 min
4. UBM	Dr Thomas George		10 min

Discussion 20 min

Day 3 | Sunday | 29 Nov 2020 | 3.30 pm to 6.00 pm | HALL A

SP 4 Teachers of Tomorrow

Coordinator: Dr Natasha Radhakrishnan

TEAM 1: EAGER EAGLES

Mentor: Dr Rajshree Nambiar

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|--------------------------|--------------------------------------|
| 1. Dr Dhanya Dhananjayan | Little Flower Eye Hospital, Angamaly |
| 2. Dr Gemini Issac | Dr Tony's Eye Hospital, Kochi |
| 3. Dr Ancy RS | Kannur Medical College, Kannur |

TEAM 2: HUNTING HAWKS



Mentor: Dr Sheldon Goudinho

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|----------------------|----------------------------------|
| 1. Dr Shimi Mukundan | RIO, Trivandrum |
| 2. Dr Aparna KS | Chaitanya Eye Hospital, Kochi |
| 3. Dr Amritha | SMCSI Medical College, Karakonam |

TEAM 3: FURIOUS FALCONS

Mentor: Dr Marian Pauly

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|-------------------------|---|
| 1. Dr Kushal Goud | Amrita Institute of Medical sciences, Kochi |
| 2. Dr Vrindha Viswanath | Giridhar eye Institute, Kochi |
| 3. Dr Vishnu S Pillai | MES Medical College, Perinthalmanna |

TEAM 4: KILLER KITES

Mentor: Dr Shobha Ramesh

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|-------------------|---|
| 1. Dr Sithara L.V | Thrissur Medical College, Thrissur |
| 2. Dr Vaisna Gopi | Amala Institute of Medical sciences, Thrissur |
| 3. Dr Rakendu P | Jubilee Mission Medical College and Research center, Thrissur |

TEAM 5: DAZZLING DOVES

Mentor: Dr Gargi Sathish

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|----------------------------|--|
| 1. Dr Thara R Nair | Sree Gokulam Medical College, Trivandrum |
| 2. Dr Sreenu S Prabhakaran | Alleppey Medical College, Alappuzha |
| 3. Dr Haripriya H | Kottayam Medical College, Kottayam |

TEAM 6: MAJESTIC MACAUS

Mentor: Dr Prakash V S

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|------------------|--------------------------------------|
| 1. Dr Aswathi P | Pariyaram Medical college, Pariyaram |
| 2. Dr Shabeeba | Comtrust Eye hospital, Kozhikode |
| 3. Dr Karthiga I | Calicut Medical College, Kozhikode |

Day 3 | Sunday | 29 Nov 2020 | 8.00 am to 9.30 am | HALL B

IC 58 Femtosecond Laser Assisted Cataract Surgery: A Novel Journey

Chief Instructor: Dr Swapna Nair

Co-instructor: Dr Saikumar S J

Keynote address: Intraoperative OCT Guided Femtosecond Cataract Surgery - Dr J S Titiyal		15 min
1. Seamless Conversion from Traditional to Femtosecond Cataract Surgery	Dr Saikumar S J	09 min
2. Optimising Corneal Incisions in FLACS	Dr Rajesh Sinha	09 min
3. Advantages and Limitations of a Femtorhexis	Dr D Ramamurthy	09 min
4. Femtosecond Laser as an aid in Posterior Polar Cataracts	Dr Namrata Sharma	09 min
5. Femtosecond Techniques in Hard and Mature Cataracts	Dr Mahipal Sachdev	09 min
6. Pupil Posers in FLACS	Dr Swapna Nair	09 min
Panel discussion with audience participation		15 min

Day 3 | Sunday | 29 Nov 2020 | 9.30 am to 11.00 am | HALL B

IC 59 Vitreous Surgery - current perspectives

Chief Instructor: Dr Biju Raju

Co-instructor: Dr Mahesh G

1. Retinal detachment	Dr Mahesh G	10 min
2. Macular hole	Dr Ashok Natarajan	10 min
3. Drop Nucleus and IOL drop	Dr Shane Mathew	10 min
4. Combined cataract and retinal surgery	Dr Prakash V S	10 min



5. Management of Endophthalmitis	Dr Unnikrishnan Nair	10 min
6. Diabetic Vitrectomy	Dr Rajesh P	10 min
7. Surgical management of Posterior segment trauma	Dr Thomas Cherian	10 min
8. Management of IOFBs	Dr Biju John	10 min

Day 3 | Sunday | 29 Nov 2020 | 11.00 am to 12.30 pm | HALL B

IC 60 Eye - A window to systemic disease

Chief Instructor: Dr Mallika O U

Co-instructor: Dr Dalia S

Keynote address: Endocrinology and Eye - Clinical Perspectives - **Dr Unnikrishnan A G** Endocrinologist and CEO, Chellaram Diabetes Institute, Pune 15 min

1. Pathognomonic slit lamp findings that you should not miss	Dr Mini PA	15 min
2. Staring eyes. How to proceed?	Dr Dalia S	15 min
3. Eye in neurological disease	Dr Dhanya R S	15 min
4. Retinal manifestations in systemic disease	Dr Mahesh G	15 min

Discussion 10 min

Day 3 | Sunday | 29 Nov 2020 | 12.30 pm to 2.00 pm | HALL B

IC 61 VAST - Vitrectomy Basics - Learn From the Masters

Chief Instructor: Dr Thomas Cherian

1. Art of Port Making	Dr Thomas Cherian	08 min
2. Basic Vitrectomy steps simplified	Dr Ashok Nataraj	08 min
3. PVD Induction-Practical Tips	Dr Hemant Murthy	08 min
4. Keynote address: PFCL- 'The Third Surgical Hand' in Vitreoretinal Surgery	Dr V R Saravanan	15 min
5. Membranes!!!- Cuts and Peels	Dr Divya Balakrishnan	08 min
6. Endophthalmitis Vitrectomy- Clinical pearls	Dr Remya Mareen Paulose	08 min
7. Vitrectomy in Proliferative Diabetic Retinopathy	Dr Gopal S. Pillai	08 min

Panel Discussion 22 min

Day 3 | Sunday | 29 Nov 2020 | 2.00 pm to 3.30 pm | HALL B

APOTS Session: "Salvaging a Traumatized Eye – Challenges and Responsibilities"

Chairman: Dr Giridhar Anantharaman, India

Co-chairman: Dr Gangadhara Sundar

- Ocular Trauma – One stop management:** Prof. Brig. Gen. Kamrul Khan, Advisor Eye Specialist & HOD, Dept. of Ophthalmology, Combined Military Hospital, Dhaka, Bangladesh. 10 min
- Large, complicated Lacerations – Emergency Keratoplasty Need of the hour:** Dr Meenu Chaudhary, Associate Professor, Cornea Specialist, Institute of Medicine, Tribhuvan University, Kathmandu, Nepal. 10 min
- Angle Recesson Glaucoma:** Dr Joseph Manuel M. Cruz Chairman, Dept. of Ophthalmology- Quirino Memorial Medical Center, Philippines Section Member: Glaucoma 10 min
- Traumatic Globe Luxation:** Dr Shanti F Boesoirie Consultant-Reconstruction Oculoplasty Oncology Cicendo Eye Hospital/Padjadjaran University, Bandung – Indonesia. 10 min
- Traumatic Endophthalmitis:** Dr Amer Awan, Consultant Ophthalmologist and Retinal Surgeon, Associate Professor Ophthalmology, Shifa College of Medicine, Islamabad, Pakistan. 10 min



6. **The Art of prescribing eye protectors & Considerations for Visual Rehabilitation in Ophthalmic Trauma: Mr. Danial Bin Bohan**, Senior Optometrist, Dept. of Ophthalmology, Yong Loo Lin School of Medicine, Low Vision Program, National University of Singapore 15 min
 7. **How to repair a Zone-3 Scleral Rupture – a video presentation: Dr Giridhar Anantharaman**, Senior Vitreo Retinal Surgeon, Giridhar Eye Institute, Cochin, India. 05 min
- Discussion 10 min

Day 3 | Sunday | 29 Nov 2020 | 3.30 pm to 5.00 pm | HALL B

SP 6 Uveitis Society of India Session

Chief Instructor: Dr Manisha Agarwal

Co-instructor: Dr Reema Bansal

- Keynote address: Dr Vaishali Gupta** - OCTA in Uveitis - "Uveitis in our day to day practice" 15 min
1. Tailor made investigations in uveitis Dr Salil Mehta 10 min
 2. Imaging in uveitis Dr Reema Bansal 10 min
 3. intermediate Uveitis: An Update Dr Bala Murugan 10 min
 4. Ocular manifestations of Tuberculosis Dr Manisha Agarwal 10 min
 5. Tips for cataract surgery in uveitis Dr Amala E George 10 min
 6. Challenging cases of infectious uveitis Dr Mudit Tyagi 10 min

Discussion 10 min

Day 3 | Sunday | 29 Nov 2020 | 5.00 pm to 6.30 pm | HALL B

SP 7 Glaucoma Society of India Session

Opinion Leaders Speak: 10 min each

1. Dr J C Das: Relook at Gonioscopy
2. Dr Vinay Nangia: Glaucoma in Myopia

Case Presentations: 4 min each; Discussion: 5 min each

1. Dr Pankaj Bendale Discussant: Dr Ravi Chandil
2. Dr Surajit Sen Discussant: Dr Priti Kamdar
3. Dr Talveer Sidhu Discussant: Dr Meena Nair
4. Dr Shibidev Discussant: Dr Faisal T
5. Dr Sonal Kalia Discussant: Dr Prashant Srivastava

Panelists:

1. Dr Shalini Mohan
2. Dr Alokesh Ganguly
3. Dr Parul Icchapujani
4. Dr Shailesh Gadaginamath
5. Dr Shefali Parikh

Interaction and Panel discussion: 20 min

CONVENORS:

1. Dr S S Pandav
2. Dr Chandrima Paul
3. Dr Mayuri Khamar



Day 3 | Sunday | 29 Nov 2020 | 8.00 am to 9.30 am | HALL C

IC 63 Hot Orbit- X files

Chief Instructor: Dr Marian Pauly

Co-instructor: Dr Shebin S

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|---|-----------------|--------|
| 1. "Orbital Cellulitis" My approach | Dr Anju Suresh | 07 min |
| 2. Idiopathic Orbital Inflammatory Disease- Is it Idiopathic? | Dr Ann J K | 10 min |
| 3. Thyroid Eye Disease Case based approach | Dr Marian Pauly | 15 min |
| 4. Orbitotomy Simplified | Dr Ani Sreedhar | 15 min |

Keynote address: Pearls in Lid reconstruction - **Dr Meghana Anika Varde** (Switzerland) 20 min

Discussion 08 min

Day 3 | Sunday | 29 Nov 2020 | 9.30 am to 11.00 am | HALL C

IC 64 Common pitfalls in Neuro-ophthalmology: A Case based discussion

Chief Instructor: Dr Thomas Arun Varghese

Panel: Dr N S D Raju, Dr M V Francis, Dr Jyothi P T

Keynote address: "Neuro-ocular Migraine" Dr M V Francis

Case presentations:

1. Dr Revati Ramesh
2. Dr Smitha Narayanan
3. Dr Teena Alex
4. Dr Sandhya Somasundaran
5. Dr Cigia Paul
6. Dr Thomas Arun Varghese

Day 3 | Sunday | 29 Nov 2020 | 11.00 am to 12.30 pm | HALL C

IC 65 Learn about ICG & FFA

Chief Instructor: Dr Prakash V S, Dr Divya Alex

Co Instructor: Dr Divya Balakrishnan

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| 1. Know all about ICG in retinal diseases | Dr Prakash V S | 15 min |
| 2. Introduction to Fundus Fluorescein Angiography | Dr Dhileesh P C | 10 min |
| 3. FFA in CSCR | Dr Sindhu Hari | 08 min |
| 4. FFA in Vascular Occlusions / Diabetic Retinopathy | Dr Divya Balakrishnan | 10 min |
| 5. FFA in ARMD & other Macular Diseases | Dr Divya Alex | 10 min |
| 6. FFA in inflammatory diseases and Recent advances | Dr Remya M Paulose | 10 min |

Keynote: OCT Angiography in diabetic retinopathy. Dr Padmaja Kumari Rani. LVP, Hyderabad. 15 min

Discussion 10 min

Day 3 | Sunday | 29 Nov 2020 | 12.30 pm to 2.00 pm | HALL C

IC 66 Approach to ocular inflammation

Chief Instructor: Dr Pappa P

Co Instructors: Dr Sudha V, Dr Rekha P S

Keynote address: Spectrum of Uveitis in India - **Dr Kalpana Babu Murthy**, Prabha eye clinic Bangalore

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|---|---------------------|--------|
| | | 20 min |
| 1. Flag the red eye | Dr Geethakumari P V | 10 min |
| 2. Snow balls and Snow banks - Inducing remission in intermediate uveitis | Dr Natasha R | 10 min |



3. Privilege lost? - Systemic management of immune response	Dr Sudha V	10 min
4. Challenges and Concerns in cataract surgery in uveitis	Dr Rajini K C	10 min
5. The image and the message	Dr Rekha P S	10 min
6. Complicated Specifics	Dr Pappa P	10 min
Discussion	5 min	

Day 3 | Sunday | 29 Nov 2020 | 2.00 pm to 3.30 pm | HALL C

IC 67 Visual impairment in infants, evaluation and management

Chief Instructor: Dr Padma B Prabhu

Co-instructors: Dr Charmaine B Solomon, Dr Silni Chandra

1. Visual development - more than 'JUST SEEING'.	Dr Padma B Prabhu	10 min
2. Visual function-What's normal, what's not!	Dr Charmaine B Solomon	10 min
3. Preemie follow up and care.	Dr Silni Chandra	15 min
Keynote address: "Catching them young" Dealing with visually challenged infants – Dr Meenakshi Swaminathan , Sankara Nethralaya, Chennai		20 min
4. Directions for visual stimulation - As simple as child' play - instructional video		10 min
Discussion	10 min	

Day 3 | Sunday | 29 Nov 2020 | 3.30 pm to 5.00 pm | HALL C

SP 8 The International Society of Manual Small Incision Cataract Surgeons (ISMSICS) Session

Chairman: Dr Satish Thomas

Co- Chairman: Dr Jacob Koshy, Dr NSD Raju

Moderator: Dr Philip Kuruvilla

1. Important considerations in preoperative assessment for MSICS	Dr Ashish Kuruvilla	10 min
2. Choice of Anaesthesia for MSICS	Dr Anthrayose C V	10 min
3. Conversion from superior to temporal section in MSICS	Dr S J Saikumar	10 min
4. Stepping into topical MSICS: an easy adaptation technique	Dr A Rohan	10 min
5. Combined Trabeculectomy surgery with MSICS	Dr Radha Ramanan	10 min
6. Why should even a good Phaco surgeon learn MSICS	Dr Sreeni Edakhlon	10 min
7. Are pupil expanders needed in MSICS?	Dr Minu Mathen	10 min
Discussion	10 min	

Day 3 | Sunday | 29 Nov 2020 | 5.00 pm to 6.30 pm | HALL C

SP 9 VRSI Session

Chief Instructor: Dr Shobhit Chawla

Co-instructors: Dr Anand Rajendran, Dr Raja Narayanan

1. Do's and Don'ts after nucleus drop - staying calm	Dr Shobhit Chawla	10 min
2. Recognizing and managing early Endophthalmitis - common mistakes	Dr Prashant Bawankule	10 min
3. Current management Principles in DME	Dr Anand Rajendran	10 min
4. Common mistakes in OCT interpretation	Dr Raja Narayanan	10 min
5. Optimal Use of FFA and ICG in a Retina Practice	Dr Chaitra Jayadev	10 min
6. Common causes of poor visual outcome after cataract surgery: how to improve patient satisfaction	Dr Manisha Agarwal	10 min



Day 3 | Sunday | 29 Nov 2020 | 8.00 am to 9.30 am | HALL D

IC 68 Optic nerve disorders - A case based discussion

Chief Instructor: Dr Rehna Rasheed

Co-instructors: Dr Natasha Radhakrishnan, Dr Sanitha Sathyan, Dr Sujithra H, Dr Kiran K R

Keynote address: Prof. Rohit Saxena - Neuro-ophthalmology cases that you cannot afford to miss: 15-20 min

1. Ischemic optic neuropathy	Dr Sanitha Sathyan	10 min
2. Optic neuritis	Dr Rehna Rasheed	10 min
3. Toxic optic neuropathy	Dr Natasha Radhakrishnan	10 min
4. Papilledema and Idiopathic Intracranial hypertension	Dr Kiran K R	10 min
5. Compressive and Infiltrative optic neuropathies	Dr Sujithra H	10 min

Discussion 10 min

Day 3 | Sunday | 29 Nov 2020 | 9.30 am to 11.00 am | HALL D

IC 69 Ocular trauma - A comprehensive approach

Chief instructor: Dr Liby Joseph

Co-instructor: Dr Jisha K

1. Preliminary assessment and its medico - legal aspects	Dr Jisha K	10 min
2. Tips on repair of lid lacerations	Dr Naveena S	10 min
3. How to tackle corneal injuries	Dr Liby Joseph	10 min
4. Scleral wounds - Not a nightmare	Dr Shaji A	10 min
5. Imaging of a traumatised eye	Dr Lakshmi H	10 min
6. Posterior segment in trauma	Dr Sija S	10 min
7. Tension in trauma	Dr Harsha	08 min

Keynote address: Common mistakes in ocular trauma - Dr Raju Sampangi, Netraspandana eye hospital, Bengaluru. 12 min

Discussion 5 min

Day 3 | Sunday | 29 Nov 2020 | 11.00 am to 12.30 pm | HALL D

IC 70 Motility Redefined

Chief Instructor: Dr Naina Jabeen Hyder

Co-instructor: Dr Arya A R

Keynote address: Advances in the field of Strabismology - Dr Meenakshi R, Chief of Pediatric Ophthalmology, AEH, Tirunelveli

1. Motility Examination	Dr Arya A R	10 min
2. AV patterns and Torsion	Dr Soumya Nambiar	10 min
3. DVD	Dr Meenakshi Raveendran	10 min
4. Inferior Oblique Over action in a child	Dr Naina Jabeen Hyder	10 min
5. DRS	Dr Divya Kishan	10 min
6. Paediatric 3rd and 6th nerve Palsy	Dr Neelam Pawar	15 min

Discussion 5 min

Day 3 | Sunday | 29 Nov 2020 | 12.30 pm to 2.00 pm | HALL D

IC 71 From the frying pan into the fire: A YOSI Presentation

Chief Instructor: Dr Vanashree Mahesh Nair

Co-instructors: Dr Dhileesh P Chandrasekharan, Dr John Davis Akkara & Dr Prashob Mohan



1. Acing residency exams	Dr Dhileesh P Chandrasekharan	10 min
2. International Exams	Dr Vanashree Nair	10 min
3. Getting Published	Dr John Davis Akkara	10 min
4. Transition from SICS to Phaco	Dr Sanitha Sathyan	10 min
5. Subspecialty 'training' post residency: necessity or choice?	Dr Prashob Mohan	10 min
Keynote address: Clearing the path, making it big, entrepreneurship for the YO: Dr Swapnil Bhalekar		15 min
Discussion		10 min

Day 3 | Sunday | 29 Nov 2020 | 2.00 pm to 3.30 pm | HALL D

IC 72 Specialty care at peripheral centres for a general ophthalmologist during COVID and when to refer

Chief Instructor: Dr Lakshmi C

Co-instructor: Dr Vinodkumar Nalappat

Keynote address: The era where there was no subspecialty -lessons we should not forget – **Prof C V Radhadevi** 15 min

1. Managing eye injuries at the peripheral centre and when to refer	Dr Leila Mohan	12 min
2. Dealing with corneal perforations in the peripheral centre – tips & tricks	Dr Irshad Edavana	12 min
3. How to care for your Paediatric patients during lockdown - to refer or not	Dr Lakshmi C	12 min
4. Successful management of retinal cases during the context of limited modes of transport	Dr Gana Ajoy	12 min
5. Strategically using social media and platforms to your advantage for specialty eye care	Dr Vinodkumar Nalappat	12 min
Discussion		10 min

Day 3 | Sunday | 29 Nov 2020 | 3.30 pm to 5.00 pm | HALL D

SP 10 South East Asian Ophthalmic Societies Session: Tele Ophthalmology and Artificial Intelligence in Ophthalmology

Chief Instructor: Dr Davis J Akkara

Co-instructor: Dr Biju Raju

1. Introduction to the session	Dr Davis J Akkara	05 min
2. Updates on Tele Ophthalmology	Dr Yogesan	15 min
3. Artificial Intelligence in Glaucoma	Dr John Davis Akkara	10 min
4. Artificial Intelligence in Retina	Dr Sendhil Kumar Somasundaram	15 min
5. AI based DR screening in Primary Care - Singapore Experience	Dr Jack Tan	15 min
Discussion - All panelists		25 min

Day 3 | Sunday | 29 Nov 2020 | 5.00 pm to 6.30 pm | HALL D

SP 11 AIOS ARC Session - Challenging Cataract Dilemmas

Chief Instructor: Dr Chitra Ramamurthy

Expert Panel: Dr D Ramamurthy, Dr Saikumar S J, Dr Haripriya Aravind

Moderator: Dr Chitra Ramamurthy

1. Intumescent cataract Challenges	Dr Harshul Tak	8 min
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2. Phaco in hard cataracts	Dr D Ramamurthy	8 min
3. PPC and its compromises	Dr Haripriya Aravind	8 min
4. Cataract surgery in small eyes	Dr Chitra Ramamurthy	8 min
5. Phaco in Compromised Corneas	Dr Shreyas Ramamurthy	8 min
6. Cataract Surgery in IFIS	Dr Swapna Nair	8 min
7. PCR Misadventures	Dr Minu Mathen	8 min
8. Enigmas of subluxations	Dr Saikumar S J	8 min

Panel Discussion - 26 min

Day 3 | Sunday | 29 Nov 2020 | 8.00 am to 9.30 am | HALL E

AS 8 COC-RETNET Posterior Segment Free Paper Session

1. **DS20-34** - Shin spots and Diabetic retinopathy – Is there an association? - Dr Shimna
2. **DS20-59** - Assessment of intraocular pressure changes in migraine patients - Dr Deepthi
3. **DS20-64** - Late geographic hyperfluorescence (LGH) ; Importance of this poorly described ICGA finding in Choroidal neovascularisation - Dr Akshaya Ashok
4. **DS20-93** - Central Serous Retinopathy- is only the macula involved? - Dr Simon George

Day 3 | Sunday | 29 Nov 2020 | 9.30 am to 11.00 am | HALL E

AS 9 Professor Dr K S Subramaniam Award Final

1. **DS20-023** - Evaluation of retinal changes in normal pregnancy and gestational hypertension - An SD-OCT based study - Dr Niya Babu
2. **DS20-062** - Evaluation of the effect of ocular cosmetics on ocular surface and adnexa - Dr Shahnas Valappil
3. **DS20-081** - Effectiveness of portable non mydriatic hand held fundus camera as a screening tool for detecting diabetic retinopathy. - Dr Remya S
4. **DS20-104** - DRIL as a predictor of visual acuity in eyes with centre involving diabetic macular edema-a prospective study - Dr Chinju Thomas
5. **DS20-116** - Role of teachers in screening of ocular disorders in school children: A multistage school screening program - Dr Aparna K S
6. **DS20-121** - Analysis of pattern of visual field changes in dysthyroid optic neuropathy (DON) - Dr Nadhna Basheer
7. **DS20-145** - Intense pulsed light (ipl) therapy as a treatment for evaporative dry eyes - Dr Julia Raju
8. **DS20-172** - Role of Optical Coherence Tomography Angiography (OCTA) in Glaucoma - Dr Aparna Krishnan
9. **DS20-173** - Anterior segment OCT based study on age related changes in Schlemm's canal and comparison of the same with glaucomatous patients of corresponding age group at risk. - Dr Femina N Hashim
10. **DS20-193** - Association between glycemic variability, as measured by Continuous Blood Glucose Monitoring System (CGM 14 days) and Severity of Diabetic Retinopathy in patients with Type II Diabetes Mellitus. - Dr Kushal Goud

POSTERS

1. **DS20-002** - A Rare case of recurrent alternating Tolosa Hunt Syndrome - Dr Mahalakshmiy Balsamy
2. **DS20-008** - An interesting case of orbital myositis - Dr Anchitha Meenu



3. **DS20-009** - A case of recurrent papilloedema- IIH - Dr Anchitha Meenu
4. **DS20-018** - A Journey through the valley of heart upto the Macular mountain - A case of Sildenafil induced Macular edema - Dr Liji Menon
5. **DS20-021** - An unusual presentation of occipital lobe infarct - Dr Niya Babu
6. **DS20-037** - A case of factor XIII deficiency - Dr Sreenu S
7. **DS20-038** - A rare case of acute dacrocystitis in a neonate - Dr Raheena
8. **DS20-044** - Morning Glory Syndrome - A rare OPD presentation - Dr Rakendu
9. **DS20-045** - Ethambutol induced optic neuropathy - an enlightening case - Dr Rakendu
10. **DS20-046** - Foster Kennedy Syndrome - Rare case in OPD - Dr Amitha Sunny
11. **DS20-047** - The horrifying trickle of blood!!! - Dr Ayana Mathew
12. **DS20-048** - The unexpected guest - Dr Tanya Susan Philip
13. **DS20-049** - An enlightening case of Didmoad Syndrome - Dr Amitha Sunny
14. **DS20-050** - Is it this or that? - Dr Anuroop Patra
15. **DS20-051** - "Unilateral Retinitis pigmentosa" a rare case report - Dr Lessitha N
16. **DS20-069** - Sunflower cataract - Two different case scenarios - Dr Ancy
17. **DS20-070** - Worm in the eye - Two different case scenarios - Dr Ancy
18. **DS20-083** - Dramatic post-operative visual recovery from unilateral blindness caused by a rare case of planum sphenoidale meningioma - Dr Thara R
19. **DS20-084** - An atypical presentation of Thyroid eye disease. - Dr Geethu
20. **DS20-085** - A case of acquired ocular toxoplasmosis in a young female - Dr Kavya K
21. **DS20-098** - Calling 911 - A patch graft rescue for corneal melt in Steven- Johnson syndrome - Dr Neena Chris William
22. **DS20-111** - Double lacrimal lumps-daunting task!! - Dr Indu Narayanan
23. **DS20-113** - Looking beyond the obvious- an unusual case of ophthalmic trauma - Dr Neena Chris William
24. **DS20-115** - The Hidden 'Primary' Culprit-A Case Study on Intraocular Metastasis - Dr Sithara
25. **DS20-126** - Peril behind the mask-basaloid sebaceous carcinoma disguising as Basal Cell Carcinoma - Dr Anjali Shelbi"
26. **DS20-128** - Macular toxicity: An unusual complication of macular hole surgery - Dr Akshaya Ashok
27. **DS20-133** - Risk Factors for ROP in CRADLE ROP study - Dr Sameer
28. **DS20-137** - An Ophthalmoscopic dilemma - Hypertension Diabetes or SLE? - Dr Aswin Sagar
29. **DS20-140** - Unexpected Mishap of a Beginner Surgeon - Dr Rammia
30. **DS20-141** - Hemolacrima - a probable case of Munchausen Syndrome - Dr Shazia Ismail
31. **DS20-143** - Another ocular masquerade- ocular surface squamous neoplasia - Dr Shafeeja S
32. **DS20-144** - Tuberculosis, a probable etiology for ampiginous choroiditis? - Dr Vishnu Somaraj
33. **DS20-148** - A silent sight killer - Peripheral Exudative Hemorrhagic Chorioretinopathy - Dr Milu Mohandas
34. **DS20-152** - Hidden villain rising into power - Dr Kannisha Shah
35. **DS20-155** - Looking beyond the scarlet sky - Dr Praveena Shyam
36. **DS20-156** - Ebb and Flow - ATRA induced IIH - Dr Aakash Ravi
37. **DS20-159** - A rare presentation of probable Purtschers Retinopathy - Dr Salva
38. **DS20-175** - Once in a blue moon - Dr Akhila
39. **DS20-177** - A Dog Bite - Declining Sight - Dr Krishna Anusha Chinni
40. **DS20-181** - Out of the frying pan into the fire - Dr Praveena Shyam
41. **DS20-190** - Non-Surgical Management Of Upper Eyelid Retraction Using Hyaluronic Acid(HA) Gel- A Case Series - Dr Marian Pauly



42. **DS20-194** - Chronic liver disease and central serous retinopathy-Is there a link? - Dr Rehna Rasheed
43. **DS20-223** - Orbital Apex Syndrome- A case report - Dr Aswathy P
44. **DS20-224** - “Look what is ticking!!” Unusual case of swelling around eye - Dr Vaisna Gopi
45. **DS20-225** - A case of Choroidal Tuberculoma - Dr Ramesan E C K

GALLERY

Sponsored Programmes (will be added shortly)

Skill Transfer courses

1. TSTC - NABH ECO Standards Simplified

Introduction - Dr Sasikumar S, Kochi

- | | |
|--------|---------------------------------|
| a) AAC | Dr Nirmal Fredrick, Chennai |
| b) COP | Dr Kamala Mahesh, Shimoga |
| c) MOM | Dr D. Chandrasekhar, Coimbatore |
| d) PRE | Dr Samina Zamindar, Bengaluru |
| e) HIC | Dr Kumaran Murugesan, Chennai |
| f) CQI | Dr Suneeta Dubey, New Delhi |
| g) ROM | Dr Philip Thomas, Bengaluru |
| h) HRM | Dr Gagan Dudeja, Bengaluru |
| i) FMS | Dr Mathew Kurian, Kochi |
| j) IMS | Dr Aditya Kelkar, Pune |

2. LASIK for beginners

- | | |
|--------------------------------|-----------------|
| a) Pre-op evaluation | Dr Reshmi.S |
| b) Intraoperative pearls | Dr Sobha Ramesh |
| c) Postoperative complications | Dr Remya R |

3. Artificial intelligence in Glaucoma - Dr Suria Sudhakaran

Lockdown series

- | | |
|-------------------------------|--|
| 1. Dr Arup Chakrabarti | Capsular Complications |
| 2. Dr A Giridhar | Update on CSR |
| 3. Dr Thomas George | Practice Pattern in POAG |
| 4. Dr Sujith Nayyanar | Management of Conjunctivitis in Covid times |
| 5. Dr Mahesh G | A to Z of systematic OCT interpretation |
| 6. Dr Anil Radhakrishnan | Corneal Topography |
| 7. Dr Vinay S Pillai | Corneal Topography |
| 8. Dr Biju John | Posterior segment manifestation of ocular trauma |
| 9. Dr Meena Chakrabarti | Hung from a MASK |
| 10. Mr AZIM SIRAJ | Vasculitides - ocular manifestation |
| 11. Dr R D Ravindran | COVID - Staff / Patients safety PROTOCOLS |
| 12. Dr Swapna Nair | Biometry for Cataract Surgery |
| 13. Dr Elizabeth Joseph | Superior Oblique Procedures |
| 14. Dr Sujatha N | Amblyopia Overview & Management |
| 15. Dr D Chandrasekhar & Team | NABH orientation |



Paramedic Programmes

- | | |
|-----------------------------|--|
| 1. Prof K V Raju | The art of retinoscopy & use of automated refraction |
| 2. Dr Mohan P I | Standard precaution in Covid times |
| 3. Dr Natasha Radhakrishnan | Subjective Refraction |

PG Orientation Course

- | | |
|---|--------------------------|
| 1. Applied Anatomy of the eye | |
| a) Lid and adnexa | Dr Babitha |
| b) Cornea Conjunctiva Sclera | Dr Ferzana Mohammed |
| c) Uvea - Iris Ciliary body | Dr Gargi Sathish |
| d) Lens zonules Angle | Dr Neeta Sidhan |
| e) Retina Vitreous | Dr Sunil M S RIO |
| f) Orbit - Extraocular muscles bony orbit | Dr Mahadevan K |
| 2. Vision testing | |
| a) Snellen LogMAR Chart Colour Vision | Dr Neena |
| b) Trial Set and trial frame | Dr Simon George |
| c) Binocular vision testing | Dr Dalia S |
| d) Ocular Alignment tests | Dr Sujatha N |
| e) Phoropter | Dr Anthrayose |
| 3. Slit lamp Examination | |
| a) Principles | Dr Freddy Simon |
| b) S/L Anterior segment examination | Dr Azim Siraj |
| c) Slitlamp drawings for anterior segment | Dr Sija S |
| 4. Ophthalmoscopy | |
| a) Direct Ophthalmoscopy | Dr Arya A R |
| b) Indirect Ophthalmoscopy | Dr Biju Raju |
| c) 90 / 78 D Examination | Dr Lathika V K |
| d) Fundus diagram - colour coding | Dr Biju John C |
| 5. Refraction | |
| a) Retinoscopy | Dr D Chandrasekhar |
| b) Subjective refraction | Dr Natasha Radhakrishnan |
| c) Glass prescription | Dr V Sahasranamam |
| 6. Documentation | |
| a) History taking | Dr Geetha Kumari P V |
| b) Symptoms Signs | Dr Rekha |
| c) Case sheet writing | Dr Mallika V |
| d) Consents | Dr Anthrayose |
| e) Medicolegal | Dr Jain Chimmen |
| 7. Neuro-Ophthalmology | |
| a) Pupil Examination | Dr V R Vijayaraghavan |
| b) Mydriatics and miotics | Dr Sanaa Mohammed |
| c) Ocular Motility in Nerve palsies | Dr Mini Mathew |
| d) Visual Pathway | Dr V R Vijayaraghavan |
| e) Neurological Field defects | Dr Thomas Arun Varghese |
| 8. Strabismus & orbit | |
| a) Ocular Motility (Non paralytic) | Dr Elizabeth Joseph |
| b) Orthoptic Evaluation | Dr Meena C K |



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|----------------------------------|-----------------------|
| c) Diplopia charting | Dr Sanitha Sathyan |
| d) Exophthalmometry | Dr Ann J K |
| 9. Glaucoma | |
| a) Applanation tonometry | Dr Dhanya R S |
| b) Gonioscopy – Techniques | Dr Manoj Prathapan |
| c) Perimetry - Types | Dr Smita Narayanan |
| d) OCT in Glaucoma | Dr Manju Anup |
| 10. Cornea | |
| a) Topography - principles | Dr Prashobh Mohan |
| b) Methods of corneal topography | Dr Prashobh Mohan |
| c) Specular Microscopy | Dr Sujith Nayanar |
| d) Pachymetry | Dr Anil Radhakrishnan |
| 11. Lens | |
| a) Biometry basics | Dr Arup Chakrabarti |
| b) Microscope | Dr Thomas George |
| c) Counselling | Dr Padmaja Krishnan |
| d) OT etiquette | Dr S Sasikumar |
| 12. Retina | |
| a) OCT | Dr Manoj S |
| b) B Scan | Dr Gopal S Pillai |
| c) FFA | Dr Pappa P |
| d) Amslers grid | Dr Manjit |

KSOS Onanilavu 2020 – Onam Celebration
