

LIGHT VISION HOPE CHAITHANYA EYE HOSPITAL & RESEARCH INSTITUTE

Retinal Imaging

4th, 5th & 6th JULY 2025 g. v. raja convention center c ktdc j. kovalam. Thiruvananthapuram

TCMC has awarded 5 1/2 CME Credit Hours for this Congress(Ref no: C6/9311/2025/MC/CME)

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Dr. Adnan Tufail Moorfields Eye Hospital, London

Dr. Nancy M. Holekamp, MD Principal Global Medical Science Leader, **United States**



INTERNATIONAL FACULTY

Dr. Jay Chhablani University of Pittsburg, United States



Dr. Prithvi Ramtohul Aix-Marseille University, New York



Dr. Maria Vittoria Cicinelli Università Vita-Salute San Raffaele Milano (Italy)



Dr. Aniruddha Agarwal

The Cleveland Clinic, Abu Dhabi

Dr. Kelvin Teo

Singapore National Eye Centre, Singapore

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- Dr. Mudit Tyagi Dr. Muna Bhende Dr. Neha Goel Dr. Niroj Kumar Sahoo **Dr. Parveen Sen** Dr. Poornachandra B Dr. Prakash VS **Dr. Pradeep Sagar** Dr. Ramesh Venketesh **Dr. Ritesh Narula Dr. Rupak Kanti Biswas** Dr. Sabyasachi Sengupta
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Dr. Meru Augustine

Dr. Indu Nair Dr. Unnikrishnan nair Dr. Manoj Soman

RIC SCIENTIFIC COMMITTEE



Dr. Abhishek Kothari



Dr. Aniruddha Dr. Jay Chhablani Agarwal

Dr. Jay Sheth

Dr. Manoj Soman Dr. Unnikrishnan Nair R



SESSION 1 IMAGING EXPLAINS PATHOLOGY	18901a- ma 08.45	-9.33 am
PANEL : Dr. Hemanth Murthy, Dr. Vishal MODERATOR : Dr. Aniruddha Agarwal	i Gupta, Dr. Prithvi Ran 2006	ntohul ^{ilien}
Understanding the chronic CSCR manifestations	Dr. Sribhargava Natesh	5+7 min
Characterizing the different phases of myopic CNVM	Dr. Jatinder Singh	5+7 min
 Hemorrhagic BALAD; Understanding the origins and outcomes 	Dr. Prithvi Ramtohul	5+7 min
Nascent geographic atrophy and RORA	Dr. Pradeep Sagar	5+7 min
KEYNOTE	09.35	-09.50 am
An automated Hybrid algorithm to segment and quantify biomarkers in PCV	Dr. Kelvin Teo	10+3 min

WELCOME AND INTRODUCTION

09.50-10.05 am

10.05 -10.41 am

Dr. Unnikrishnan Nair R

SESSION 2

PANEL : Dr. Hemanth Murthy, Dr. Ritesh Narula, Dr. Daraius Shroff, Dr. Prithvi Ramtohul

MODERATOR : Dr. Jay Chhablani

IMAGING TWEAKS

 Impact of binary thresholding and contrast adjustments on OCTA 	Dr. Sumit Randhir Singh	5+7 min
Dense ART OCTA- when and how	Dr. Sabyasachi Sengupta	5+7 min
Value of enface reflectivity and structural OCT in interpreting OCTA	Dr. Jay Sheth	5+7 min

TEA BREAK 10.45-11.00 AM

SESSION 3 - IM	AGING CLUES THAT REVEAL	JU25	11.00 - 11.24 am
PANEL	: Dr. Adnan Tufail, Dr. Maria Vit Dr. Muna Bhende	toria, Dr. Dinesh Talwar, Ongo	ess Edition
MODERATOR	: Dr. Aniruddha Agarwal	20	
o OCT predictors	s of Macular atrophy in drusen	Dr. Rupak Kanti Bisv	vas 5+7 min
OCT predictors	s of Neovascularization in druse	n Dr. Dinesh Talwar	5+7 min
SESSION 4 - MA	ACTEL TABLE		11.25 - 12.25 pm
PANEL	: Dr. Adnan Tufail, Dr. Maria Vit Dr.Dinesh Talwar, Dr. Muna Bl		
MODERATOR	: Dr. Jay Sheth		
 Muller cell dys proof of patho 	function in MACTEL; Imaging clu logy	ies and Dr. Parveen Sen	5+7 min
Outer retinal h	retinal and choroidal changes w typerreflective lesions actel; Does size, location and	vith Dr. Vinod Agarwal	5+7 min
optical density		Dr. Niroj sahoo	5+7 min
 Invasion phen Is OCTA good of 	omenon vs true neovascularisat enough?	ion; Dr. Ramesh Venkate	esh 5+7 min
 Is FAF classific progression of 	ation relevant; Can FAF predict of MACTEL?	early Dr. Chitharanjan Mi	shra 5+7 min
KEYNOTE		1	l2.30-12.43 pm
Correlation of UWF imaging fi	Macular vessel density metrics ndings in DR	and Dr. Adnan Tufail	10+3 min
SESSION 5 - CO	NSENSUS CORNER		12.45 - 1.10 pm
PANEL	: Dr. Hemanth Murthy, Dr. Visha Dr. Prithvi Ramtohul	ali Gupta,	
MODERATOR	: Dr. Aniruddha Agarwal		
 Defining Subre 	etinal Fibrosis in AMD	Dr. Aniruddha Agarv	val 5+7 min
> The Lamellar r	nacular defect terminology	Dr. Anand Rajendra	n 5+7 min

GLOSSARY		impoint	15-1.30 pm
PANEL	: Dr. Hemanth Murthy, Dr. Vishali Gupta,	Dr. Prithvi Ramtohul	
MODERATOR	: Dr. Aniruddha Agarwal	20or	
⇒ PHOMS vs Dis	c drusen	Dr. Santhosh Gopikrishna	a 3+2 min
➔ Leptovitellifor	rm maculopathy (LVM)	Dr. Anubhav Goyal	3+2 min

◦ Benign inner Retinal tumor (BIRT), BLIP

Dr. Shamik Mokadam 3+2 min

LUNCH 1.45-2.45 pm

SESSION 6 - PROGRESSIVE DEBATE

2.45- 3.45 pm

PANEL : Dr. Adnan Tufail, Dr. Maria Vittoria, Dr. Dinesh Talwar, Dr. Muna Bhende, Dr. Prithvi Ramtohul

MODERATOR : Dr. Jay Chhablani

LEAD DEBATERS : Dr. Anand Rajendran, Dr. Ritesh Narula

ASSOCIATE DEBATERS : Dr. Vishal Govindhari, Dr. Apoorva Ayyachit, Dr. Niroj Kumar Sahoo, Dr. Sumit Randhir Singh

CSCR Nomenclature; Time to move beyond "Acute and Chronic". Should we classify CSC more precisely under pachychoroid spectrum or maintain it as a distinct idiopathic entity

Mineralocorticoid Antagonists: Game-Changer or Overhyped? Does imaging predict responders. Are eplerenone and spironolactone effective in chronic CSC, or do recent trials disprove their utility?

Acute CSC: Do we need multimodal imaging at diagnosis. Does it help in decision making: Observe or Intervene Early? Should we wait 3–4 mths for spontaneous resolution in acute CSC, or consider early intervention to prevent chronicity and vision loss?

CSC and Corticosteroids: Imaging clues tell us the story. Should corticosteroids be universally avoided, or can low-dose/topical use be safely continued in certain cases based on Imaging clues

Choroidal Thickness as a Biomarker: Reliable or Misleading? Can choroidal thickness or pachyvessel presence consistently guide diagnosis and management, or is it too variable?

Is Chronic CSC a Single Entity or Spectrum of Diseases? Should chronic CSC be seen as a distinct disease with unique pathophysiology, or just a continuum of acute CSC with persistent leakage?

Imaging Biomarkers: Can We Predict Outcomes Reliably? Are OCT and OCTA findings (e.g., flat irregular PEDs, choroidal hyperpermeability) sufficient to prognosticate CSC, or still too nonspecific?

CSC in Females and Atypical Presentations like in elderly: Underdiagnosed or Mischaracterized? Does Imaging identify a different subset in these situations. Is CSC under-recognized in women and older adults, or are these cases fundamentally different from "classic" CSC?

Anti-VEGF in CSC: Valid Role or Misguided Use? Imaging a pointer.Is there a role for anti-VEGF agents in non neovascular CSC, or are they being used without sufficient evidence?

FUN DOST BREAK 3.45-4.15 pm

TEA BREAK 4.15-4.30 pm

SESSION 7 - PACHYCHOROID: UPSTREAM AND DOWNSTREAM	4.30-5.45 pm

PANEL : Dr. Adnan Tufail, Dr. Kelvin Teo, Dr. Hemanth Murthy, Dr. Jay Chhablani

MODERATOR : Dr. George Manayath

KEYNOTE	4.3	0-4.43 pm
Risk factors for progression of Pachychoroid disease spectrum	Dr. Kelvin Teo	10+3 min
 Is BIH a part of the extended pachychoroid spectrum; a story evolving 	Dr. George Manayath	8+5 min
 Differentiation of PCN from PCV; Lessons from imaging Pachychoroid Vitelliform maculopathy; the 	Dr. Daraius Shroff	5+7 min
new AVL in the block	Dr. Awaneesh Upadhyay	a 5+5 min
 The Pachychoroid GA phenotype 	Dr. Sunil Ganekal	5+5 min
 Differentiating UES type 3 from Bullous CSCR; The Pachychoroid conundrum 	Dr. George Manayath	8+5 min

			DAY 1 : 04-0	7-2025
			imaoin	
KEYNOTE			5.	45-5.58 pm
	ia to diagnose and evaluate conse of PCV to antiVEGF ther	ару	Dr. Aniruddha Agarwal	10+3 min
SESSION 8 - REE	BOOT; UVEITIS IMAGING			.00-6.50 pm
PANEL :	Dr. Vishali Gupta, Dr. Mudit T Dr. Prithvi Ramtohul, Dr. Mar		isha Agarwal,	
MODERATOR :	Dr. Aniruddha Agarwal			
KEYNOTE				
	opt a new Nomenclature and or White Dot Syndromes?		Dr. Vishali Gupta	10+3 min
	s and OCTA specifics that help posterior uveitis puzzle)	Dr. Mudit Tyagi	5+7 min
Imaging centric	definition of AIR		Dr. Abhilasha Baharani	5+7 min
⇒ Presumed Mulle	er cell activation in MEWDS		Dr. Maria Vittoria	5+7 min
SESSION 9 - LO	OKING BEYOND; WIDE FIEL	DIMAGING		6.50-7.30 pm
PANEL	: Dr. Muna Bhende, Dr. Jay Ch Dr. Daraius Shroff	hablani, Dr. P	rithvi Ramtohul,	
MODERATOR				
KEYNOTE			6	50-7.05 pm
	eakthrough in understanding f Retinal vascular disease and	I	Dr. Prithvi Ramtohul	10+3 min
⊃ UWF imaging in	Uveitis		Dr. Vishali Gupta	5+7 min
⊃ WF FFA in RVO			Dr. Manisha Agarwal	5+7 min
	DINNER 8.	30-10.30 pm		

NOVARTIS SESSION 8.00-8.30 am Deep diving into Brolucizumab in management of nAMD & DME - My clinical experience Dr. Justus Garweg 8 am - 8:15 am PANEL : Dr. Justus Garweg, Dr. Debdulal Chakraborty **MODERATOR** : Dr. Mudit Tyagi Panel Discussion - Evolving Paradigms of Anti Vegf Treatment in India 8:15 am - 8:30 am 8.45-9.33 am **SESSION 1 - IRD FOCUS** PANEL : Dr. Adnan Tufail, Dr. Hemanth Murthy, Dr. Muna Bhende **MODERATOR** : Dr. Abhishek Kothari Is multimodal imaging necessary in all cases of RP; does the phenotype influence the choice of investigations. Dr. Muna Bhende 5+7 min Role of UWF imaging in classifying disease Dr. Deepika C P phenotype in IRD 5+7 min Imaging patterns in Stargardt disease; Correlation with disease progression Dr. Poornachandra B 5+7 min Sole of OCTA in Bests disease; Characterising the Exudative vs nonexudative CNVM Dr. Mayank Bansal 5+7 min 9.35-9.55 am ORATION Dr. Unnikrishnan Nair Introducing the awardee 5 min Oration Dr. Adnan Tufail 12+ 3min **SESSION 2 - IMAGING PROGNOSIS SCORE** 9.55-10.31 am PANEL : Dr. Jay Chhablani, Dr. Dinesh Talwar, Dr. Prithvi Ramtohul, Dr. Maria Vittoria **MODERATOR** : Dr. Aniruddha Agarwal ⇒ HRF in AMD predicts macular atrophy Dr. Harshit Vaidya 5+7 min Telcaps as a cause of chronic diabetic macular Dr. Abhishek Anand edema 5+7 min • Reperfusion injury OCT signs in the setting of retinal vascular occlusion Dr. Kushal Delhiwala 5+7 min

SESSION 3 - THE FUTURISTIC IMAGING	10.35-11.12 am
PANEL : Dr. Jay Chhablani, Dr. Dinesh Talwa Dr. Maria Vittoria	r, Dr. Prithvi Ramtohul, gress Edium
MODERATOR : Dr. Jay Sheth	2C ₂₅
> AI in diabetic retinopathy; The possibilities	Dr. Abhishek Kothari 5+7 min
Pitfalls in AI in diagnosing disease activity in nAMD	Dr. Adnan Tufail 5+7 min
Use of AI in UWF imaging of peripheral retinal lesion	ns Dr. Saumil Sheth 5+7 min
KEYNOTE	11.15-11.30 am
The scope of PED composition indices as a biomarker for disease activity in nAMD and PCV	Dr. Jay Chhablani 10+3 min
SESSION 4 - GA TABLE	11.30-12.30 pm
PANEL : Dr. Adnan Tufail, Dr. Hemanth Murth Dr. Vishali Gupta, Dr. Muna Bhende	
MODERATOR : Dr. Jay Chhablani	
 GA is more than 1 phenotype; Imaging underlines the pathology 	Dr. Ritesh Narula 5+7 min
Monitoring GA progression; Best imaging tools- when and what.	Dr. Muna Bhende 5+7 min
 Characterization of GA associated Neovascularization; Prediction of "at risk" eyes 	Dr. Debdulal Chakraborty 5+7 min
Precursor lesions and its significance in GA	Dr. Atul Ursekar 5+7 min
 Structure function correlation in GA is imperfect; Concept of horizontal and vertical GA 	Dr. Daraius Shroff 5+7 min
KEYNOTE	12.30-12.45 pm

Role of Home OCT in personalised retinal disease management

Dr. Nancy Holekamp 10+3 min

12.55- 2.10 pm

SESSION 5 - YORIS SESSION COMPLICATIONS COMPLICATING NEOVASCULAR AMD; IMAGING AND NEW THERAPEUTIC PERSPECTIVES

PANEL : Dr. Nancy Holekamp, Dr. Hemanth Murthy, Dr. Unnikrishnan Nair, Dr. Prithvi Ramtohul, Dr. Maria Vittoria

MODERATOR : Dr. Jay Chhablani

OCT biomarkers associated with poor visual outcomes	Dr. Daniela Bacherini	7+ 5 min
OCTA biomarkers for prognosis in Neovascular AMD	Dr. Pasquale Viggiano	7+5 min
 Macular atrophy; Definition, Diagnosis and impact on visual acuity 	Dr. Enrico Borrelli	7+ 5 min
 Macular Fibrosis; Definition, Diagnosis and impact on visual acuity 	Dr. Alessandro Invernizzi	7+ 5 min
 AI based prediction of macular complications and suboptimal response to antiVEGF therapy 	Dr. Gregor Reiter	7+ 5 min
Emerging therapies for neovascular AMD; Role of Gene therapy	Dr. Rodolfo Mastropasqua	7+ 5 min

LUNCH 2.15- 3.00 pm

SESSION 6 - ONE IMAGE DISSECTION			3.00- 3.55 pm
PANEL	: Dr. Vinod Agarwal, Dr. Ritesh Narula, Dr. Mudit Tyagi, Dr. Divyansh Mishra		3+5 min each
MODERATOR : Dr. Jay Sheth			
Riberto d	and the state of t	- The	and the second second
	d PED; Consensus nomenclature imaging and significance	Dr. Neha Goyal	5+7 min

IMAGE NATION AWARD 3.55-4.10 pm

SESSION 7	- SURGICAL IMAGING		.10-4.50 pm
PANEL	: Dr. Jay Chhablani, Dr. Dinesh Talwar, Dr. Prithvi Ramtohul		
MODERAT	OR :Dr. Abhishek Kothari		
	T biomarkers in prognosticating utcomes in macula off retinal detachment	Dr. Mohit Dogra	5+7 min
	al visual results after successful ERM CT clues on pathology	Dr. Dinesh Talwar	5+7 min
> The benef	its of real time intraop OCT imaging	Dr. Aditya Kelkar	5+7 min

TEA SERVED 4.50-5.00 pm

SESSION 8 – CROSS FIRE

5.00-6.15 pm

PANEL : Dr. Adnan Tufail, Dr. Vishali Gupta, Dr. Dinesh Talwar, Dr. Muna Bhende, Dr. Prithvi Ramtohul

MODERATOR : Dr. Jay Chhablani

Case 1	5+10 min
ວ Case 2	5+10 min
c ase 3	5+10 min
⊃ Case 4	5+10 min
→ Case 5	5+10 min

6.15-6.55 pm

SESSION 9 - ONCOLOGY FOCUS

PANEL : Dr. Adnan Tufail, Dr. Hemanth Murthy, Dr. Prithvi Ramtohul, CSS Dr. Maria Vittoria

MODERATOR : Dr. Abhishek Kothari

KEYNOTE			6.15-6.28 pm
Multimodal im	aging of Vitreoretinal Lymphoma	Dr. Maria Vittoria	10+3 min
 Imaging clues t 	to diagnose paraneoplastic disease	Dr. Divyansh Mishra	5+7 min
• Characterization of choroidal osteoma on imaging		Dr. Vinod Agarwal	5+7 min
SESSION 10 - MY IMAGING TIPS; WHAT I DO NEW			6.55- 7.20 pm
PANEL	: Dr. Adnan Tufail, Dr. Unnikrishnan Nair, D	r.Prithvi Ramtohul	
MODERATOR	: Dr. Jay Sheth		
⇒ Preoperative S	SOCT as a guide in complex PDR surgeries	Dr. Gagan Bhatia	5+ 3 min
• My tips in OCTA imaging Dr. Pradeep Sagar		Dr. Pradeep Sagar	5+ 3 min
A negative look at Epiretinal tissue Dr. Ⅰ		Dr. Meru Augustine	5+ 3 min
SESSION 11 - RI	C FREE YOUR MIND SESSION		7.20-8.00 pm
PANEL	: Dr. Adnan Tufail, Dr. Abhishek Kothari, Dr Dr. Prithvi Ramtohul	. Dinesh Talwar,	
MODERATOR	: Dr. Jay Sheth		
Interpolation o	mography (TLT): Al-Augmented of Serial OCTs for Dynamic		
Visualization o	f Retinal Disease Progression	Dr. Athul S Puthalath	6+6 min
	aracterization of Multifocal ng the Blend Function in Ultra ing	Dr. Mousumi Banerje	e 6+6 min
	and Validation of an OCT-Based Severity		
Scoring and Sta	aging System for Type 2 Macular		
Telangiectasia:	Longitudinal MacTel Collaborative Study	Dr. Karishma Tendulk	kar 6+6 min
	VALEDICTORY 8.00 pm	ALL AND	

BASIC RETINAL IMAGING COURSE BRCC THE OCTA REFRESHER COURSE

09:00 AM - 1:30 PM

(Talks - 15 min, Discussion- 5 min)

Dr. VISHALI GUPTA (CHAIRPERSON FOR BRIC SESSION)

SESSION 1	MODERATOR; Dr. 1	Divyansh Mishra
 OCTA Principles, algorithms and machines How to choose a new OCTA machine; My Tips Understanding the OCTA artifacts and tips to obtain better images OCTA in Non PCV Pachychoroid entities 	Dr. Rahul Menon Dr. Mohit Dogra Dr. Kushal Delhiwala Dr. Chitaranjan Mishra	9.00-9.20 am 9.20-9.40 am 9.40-10.00 am 10.00-10.20 am
 Does OCTA add more value in dry AMD OCTA in a Diabetic macular edema; Understanding the OCTA metrics 	Dr. Anubhav Goyal Dr. Santhosh Gopikrishna	10.20-10.40 am 10.40-11.00 am

TEA BREAK 11.00-11.15 am

SECTION 2

- Evaluation and follow up of nAMD; Role of OCTA
- ✿ Can OCTA replace ICGA in PCV
- Why OCTA in Retinal Venous occlusions?
- > Widefield OCTA? / Mactel
- Has OCTA changed our understanding of the pathology in Uveitic entities
- OCTA in Intraocular malignancies;
 When and what to look for
- Update on Newer advances in OCTA
- Role of OCTA in IRD

MODERATOR; Dr. Jay Sheth

Dr. Sishir Varghese	11.15-11.35 am
Dr. Prakash V S	11.35-11.55 am
Dr. Indu Nair	11.55-12.15 pm
Dr. Unnikrishnan Nair	12.15-12.35 pm
Dr. Abhilasha Baharani	12.35-12.55 pm
Dr. Divyansh Mishra	12.55-1.15 pm
Dr. Sumit Randhir Singh	1.15-1.35 pm
Dr. Manoj Soman	1.35-1.55 pm



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:₹ 4500/-

Registration (Delegates)Upto June 30th: ₹ 7000/-

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Registration (International Delegates)Upto June 30th: \$150

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