



th

# APVRS 2017

## Asia-Pacific Vitreo-retina Society Congress 2017

8<sup>th</sup> - 10<sup>th</sup> December 2017

Kuala Lumpur Convention Centre, Malaysia

<http://2017.apvrs.org>



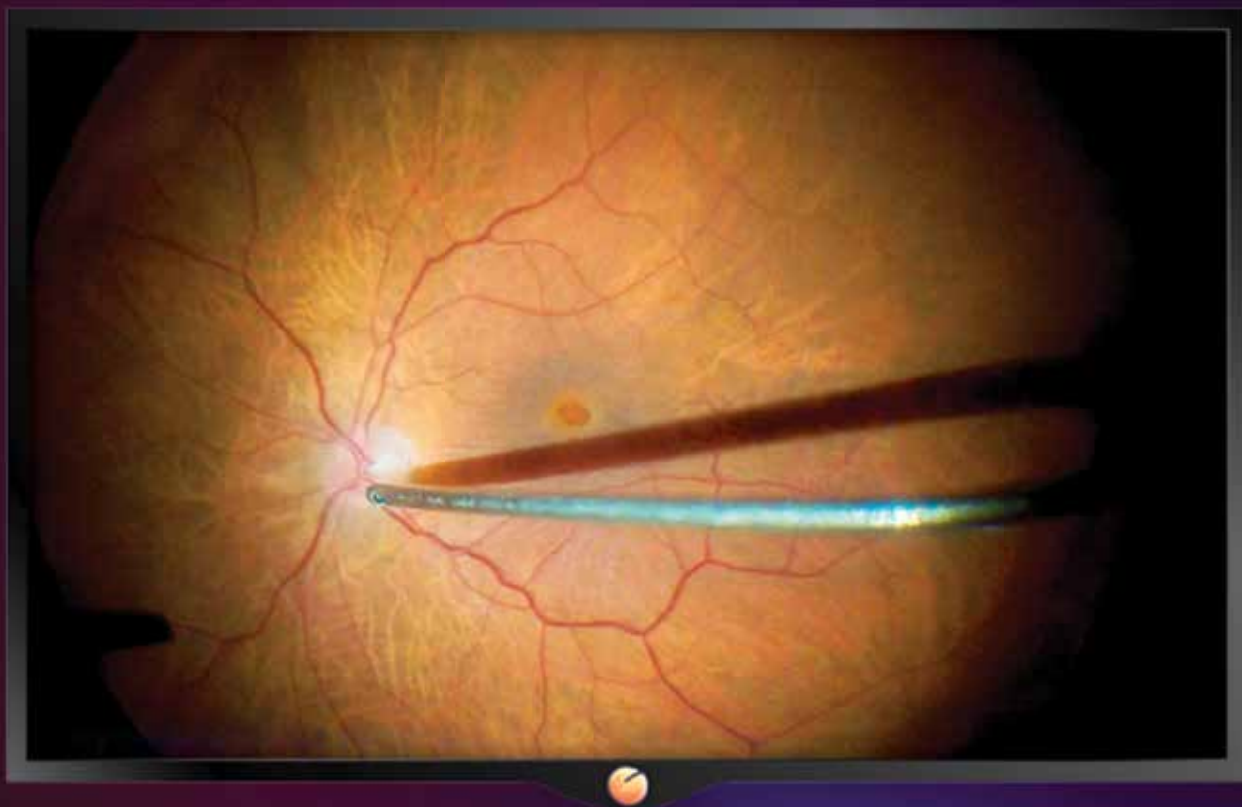
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## NOVARTIS LUNCH SYMPOSIUM

# CHANGING CLINICAL PARADIGM IN PCV MANAGEMENT

**Date** : Saturday, 9 December 2017

**Time** : 12:45 - 13:45

**Venue** : Conference Hall 3, Kuala Lumpur Convention Centre

## AGENDA

Time	Topics	Speakers
1245 - 1250	Welcome & Introduction	<b>Dr. Wong Jun Shyan</b> International Specialist Eye Centre (ISEC)
1250 - 1305	Scaling Newer Heights and Setting New Standard of Care in PCV : EVEREST II - 24 Months Results	<b>A/Prof. Adrian Koh</b> Eye & Retina Surgeons, Camden Medical Centre, Singapore
1305 - 1320	Anti-VEGF Monotherapy in PCV - Latest Evidence Update	<b>Prof. Timothy Lai</b> Hong Kong Eye Hospital, Hong Kong
1320 - 1335	Real World Evidence in PCV & Clinically Important Considerations	<b>Dr. Shigeru Honda</b> Kobe University, Japan
1335 - 1345	Q & A and Summary	<b>Dr. Wong Jun Shyan</b> International Specialist Eye Centre (ISEC)



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## NOVARTIS LUNCH SYMPOSIUM

# ADVANCES IN nAMD MANAGEMENT. IMPROVING OUTCOMES WITH EFFECTIVE INDIVIDUALIZATION

Date : Sunday, 10 December 2017

Time : 12:45 - 13:45

Venue : Conference Hall 3, Kuala Lumpur Convention Centre

## AGENDA

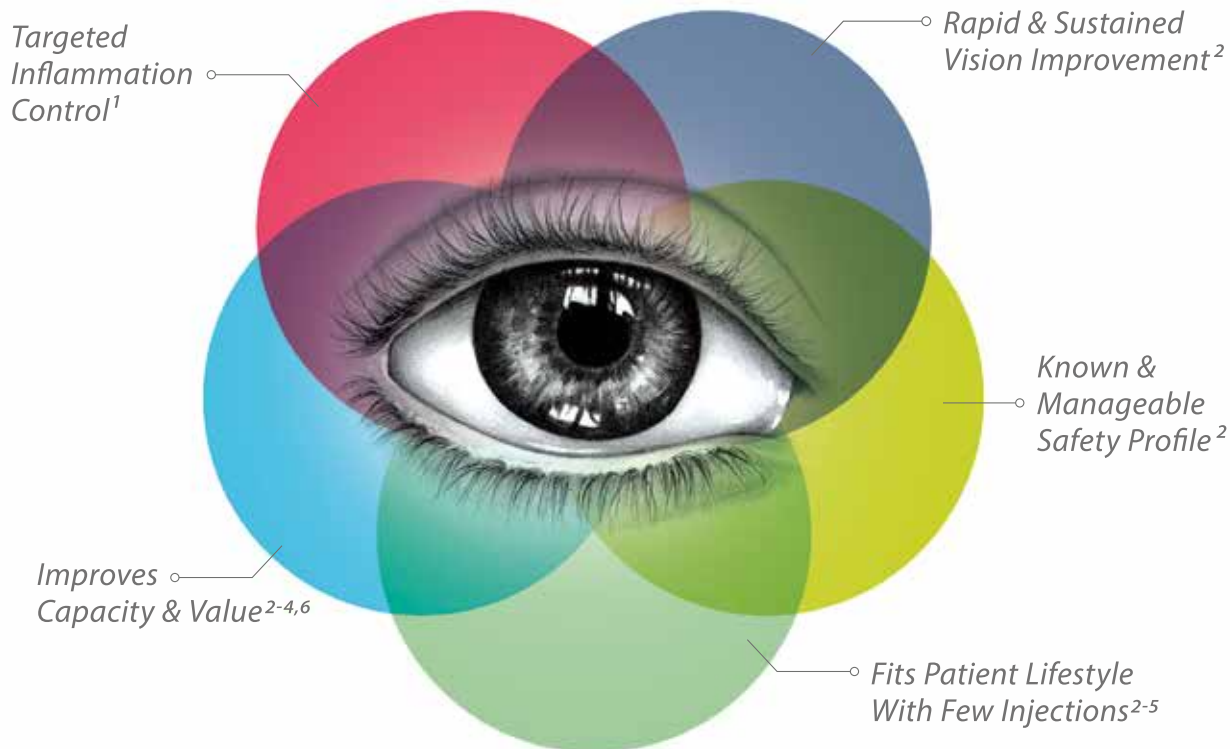
Time	Topics	Speakers
1245 - 1250	Welcome & Introduction	<b>Prof. Hiroko Terasaki</b> Nagoya University, Japan
1250 - 1305	Anti-VEGF's in nAMD :Evolution of Treatment Regimens and Emerging Important Clinical Considerations	<b>Prof. Wong Tien Yin</b> Singapore National Eye Centre, Singapore
1305 - 1320	Ranibizumab Raising the Bar in nAMD: Insights from RIVAL 12 Months Results	<b>Prof. Ian McAllister</b> Lions Eye Institute, Australia
1320 - 1335	Real World Experience with Anti-VEGF in nAMD Management	<b>Prof. Lim Tock Han</b> Tan Tock Seng Hospital, Singapore
1335 - 1345	Q & A and Summary	<b>Prof. Hiroko Terasaki</b> Nagoya University, Japan



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References: 1. Nehme A, Edelman J. Dexamethasone inhibits high glucose-, TNF-alpha-, and IL-1beta-induced secretion of inflammatory and angiogenic mediators from retinal microvascular pericytes. Invest Ophthalmol Vis Sci. 2008;49(5):2030-38. 2. Boyer DS et al. Three-Year, Randomized, Sham-Controlled Trial of Dexamethasone Intravitreal Implant in Patients with Diabetic Macular Edema. Ophthalmology. 2014; 121(10):1904-14. 3. Haller JA, Bandello F, Belfort R Jr, et al. Dexamethasone intravitreal implant in patients with macular edema related to branch or central retinal vein occlusion twelve-month study results. Ophthalmology. 2011; 118:2453-60. 4. Lowder C, Belfort R, Jr, Lightman S, et al. Dexamethasone intravitreal implant for noninfectious intermediate or posterior uveitis. Arch Ophthalmol. 2011; 129:545-53. 5. Kuppermann BD, Haller JA, Bandello F, et al. Efficacy of Dexamethasone Intravitreal Implant for Best Corrected Visual Acuity in Patients With Retinal Vein Occlusion After 7 Days. Invest Ophthalmol Vis Sci 2011;52:E-abstract 3966. Presented at ARVO 2011, May 1-5; Fort Lauderdale, USA. 6. National Institute for Health and Clinical Excellence. NICE technology appraisal guidance 229; July 2011. Available at [www.nice.org.uk](http://www.nice.org.uk) [accessed July 2013]. Approved indications may vary between countries.



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# START STRONG STAY STRONG<sup>1-5</sup>

wAMD | DME | RVO | mCNV



## REFERENCES

1. Ikuno Y, Ohno-Matsui K, Wong TY, et al. Intravitreal aflibercept injection in patients with myopic choroidal neovascularization: the MYRROR Study. *Ophthalmology*. 2015;122(6):1220-1227. doi:10.1016/j.ophtha.2015.01.025.  
2. Heier JS, Brown DM, Chong V, et al. Intravitreal aflibercept (VEGF Trap-Eye) in wet age-related macular degeneration. *Ophthalmology*. 2012;119(12):2537-2548. doi:10.1016/j.ophtha.2012.09.006. 3. Campochiaro PA, Clark WL, Boyer DS, et al. Intravitreal aflibercept for macular edema following branch retinal vein occlusion: the 24-week results of the VIBRANT study. *Ophthalmology*. 2015;122(3):538-544. doi:10.1016/j.ophtha.2014.08.031. 4. Korobelnik J-F, Holz FG, Roider J, et al. Intravitreal aflibercept injection for macular edema resulting from central retinal vein occlusion: one-year results of the phase 3 GALILEO study. *Ophthalmology*. 2014;121:202-208. doi:10.1016/j.ophtha.2013.08.012. 5. Korobelnik J-F, Do DV, Schmidt-Erfurth U, et al. Intravitreal aflibercept for diabetic macular edema. *Ophthalmology*. 2014;121(11):2247-2254. doi:10.1016/j.ophtha.2014.05.006. 6. EYLEA 40mg/L solution for injection Prescribing Information, Malaysia, 13 January 2017.

## ABBREVIATED PRESCRIBING INFORMATION

**Brand name of product:** EYLEA 40mg/ml solution for injection. **Approved name of the active ingredient:** Aflibercept. **Indication:** Treatment of neovascular (wet) age-related macular degeneration (wet AMD), visual impairment due to macular edema secondary to retinal vein occlusion (branch RVO or central RVO), visual impairment due to diabetic macular edema (DME) and visual impairment due to myopic choroidal neovascularization (myopic CNV). **Dosage and method of administration:** The recommended dose for Eylea is 2 mg aflibercept, equivalent to 0.05mL (50 µL). **Neovascular (wet) age-related macular degeneration (wet AMD):** Eylea treatment is initiated with one injection per month for three consecutive doses, followed by one injection every two months. After the first 12 months of treatment with Eylea, based on visual and/or anatomic outcomes, the treatment interval may be extended, such as with a treat-and-extend dosing regimen. **Visual impairment due to macular edema secondary to retinal vein occlusion (branch RVO or central RVO):** After the initial injection, treatment is given monthly. Monthly treatment continues until maximal visual acuity is achieved and/or there are no signs of disease activity. Three or more consecutive, monthly injections may be needed. Treatment may then be continued with a treat and extend regimen with gradually increased treatment intervals to maintain stable visual and/or anatomic outcomes, however there are insufficient data to conclude on the length of these intervals. **Diabetic macular edema (DME):** Eylea treatment is initiated with one injection per month for five consecutive doses, followed by one injection every two months. After the first 12 months of treatment with Eylea, and based on visual and/or anatomic outcomes, the treatment interval may be extended, such as with a treat-and-extend dosing regimen. **Myopic choroidal neovascularization (myopic CNV):** Single intravitreal injection is recommended. Additional doses may be administered if visual and/or anatomic outcomes indicate that the disease persists. Recurrences are treated like a new manifestation of the disease. The interval between two doses should not be shorter than one month. **Contraindications:** Eylea is contraindicated in patients: with ocular or periocular infection; with Active severe intraocular inflammation; with Known hypersensitivity to aflibercept or to any of the excipients. **Special warnings and special precautions for use:** Endophthalmitis: Proper aseptic injection technique must always be used when administering EYLEA. Patients should be instructed to report any symptoms suggestive of endophthalmitis without delay and should be managed appropriately. Increase in intraocular pressure: Increases in intraocular pressure have been seen within 60 minutes of an intravitreal injection, including with EYLEA. Special precaution is needed in patients with poorly controlled glaucoma. **Other:** The safety and efficacy of Eylea therapy administered to both eyes concurrently have not been systematically studied; In the event of a retinal break the dose should be withheld and treatment should not be resumed until the break is adequately repaired; The dose should be withheld based on the clinical judgement of the treating physician, in the event of a performed or planned intraocular surgery; EYLEA should not be used during pregnancy unless the potential benefit outweighs the potential risk to the fetus. EYLEA is not recommended during breast-feeding. **Undesirable effects:** The most frequently observed adverse reactions (in at least 5% of patients treated with EYLEA) were conjunctival hemorrhage, eye pain, cataract, intraocular pressure increased, vitreous detachment and vitreous floaters. **For further prescribing information, please contact:** Bayer Co. (M) Sdn Bhd, B-19- 1 & B-19- 2, The Ascent Paradigm, No. 1, Jalan SS 7/26A, Kelana Jaya, 47301 Petaling Jaya, Selangor. Subject to medical prescription. **Date of text revision:** 18.05.2017.

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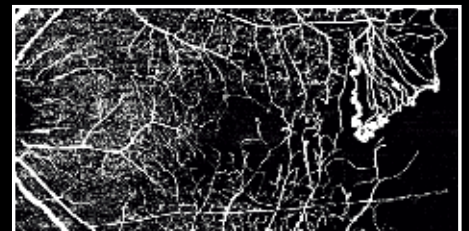
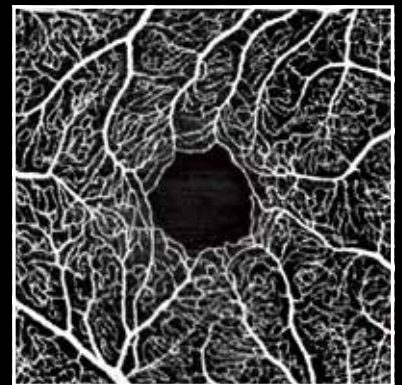
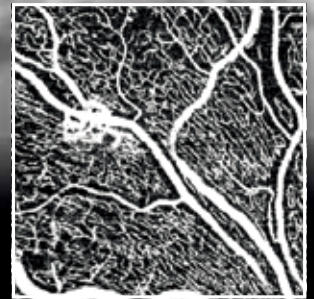
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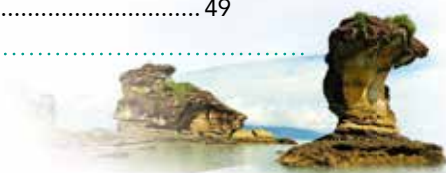
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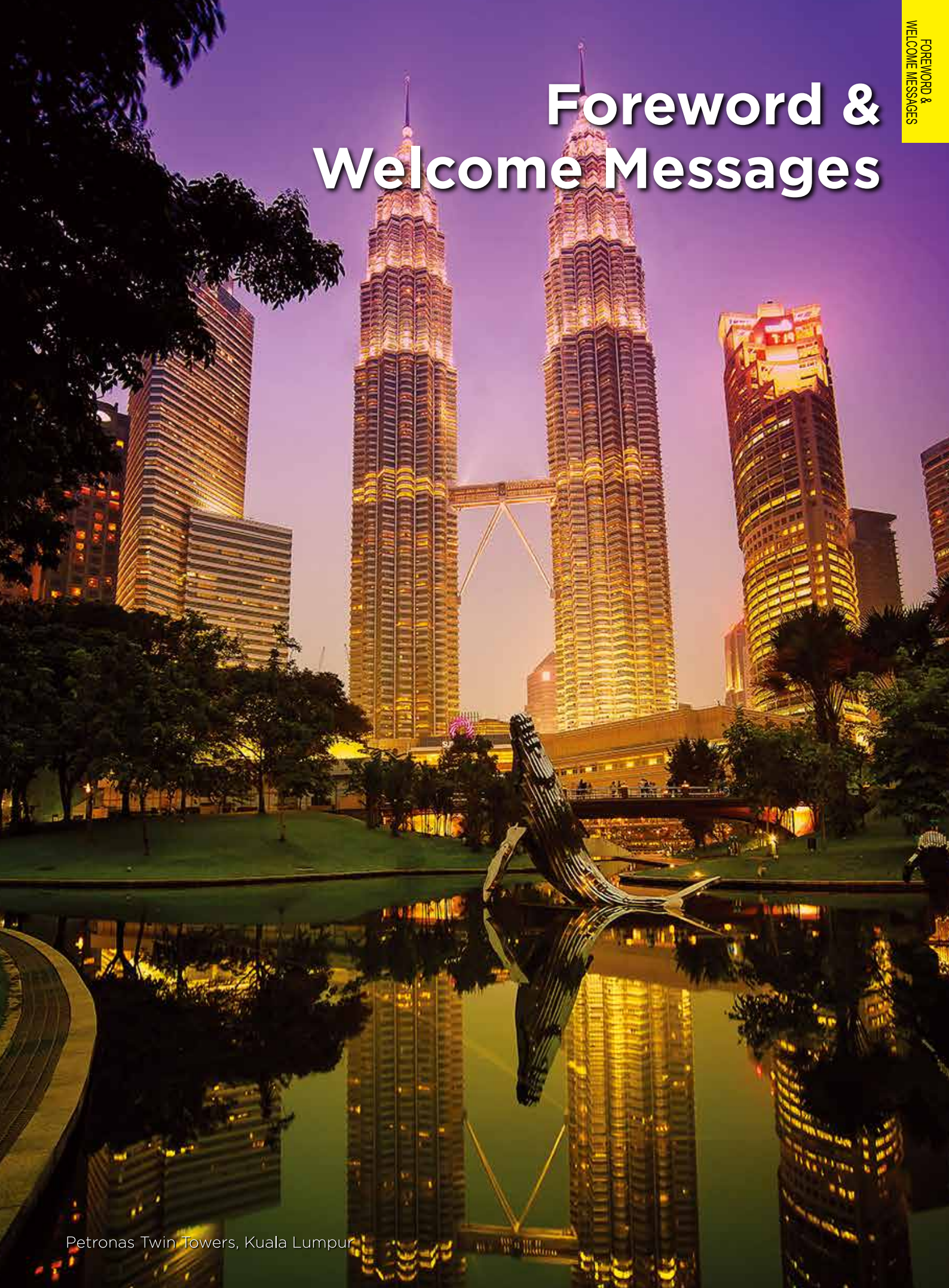


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# Foreword & Welcome Messages



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# FOREWORD

## From Congress President



**Dr Kenneth FONG**

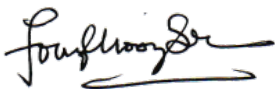
Selamat Datang!

The organizing committee has planned for this important meeting for the past 2 years and we hope that we will meet your expectations for a top-notch scientific conference in a world-class venue. The APVRS Congress is now regarded as a must-attend retina meeting not only in the Asia-Pacific region but worldwide. One of the additions to our meeting this year is the inclusion of 8 masterclasses aimed at trainees and retina fellows with instruction from our international experts. The Asia-Pacific region is the largest and fastest growing part of the world and ophthalmic education and training remains a key priority for the APVRS Council to improve the standard of retinal care for our patients.

Malaysia is hosting the APVRS Congress for the first time and the Malaysian Society of Ophthalmology (MSO) values this responsibility and opportunity. This conference will further raise the standards of the vitreo-retinal subspecialty in our country. We are grateful to all the international speakers who have made time in their busy schedules to come and share their knowledge in KL. This meeting has received an overwhelming number of abstract submissions (the most ever in the history of this congress). Our sponsors and booth exhibitors have also been extremely supportive and the MSO and APVRS are most grateful to them for their continued faith in this meeting.

In this age of social media and online CME, many wonder about the future of large medical conferences like this. I believe that such conferences still play an important role in not only sharing knowledge but also in maintaining the personal ties that we share. Many updates and ideas are often discussed outside lecture halls, during coffee breaks, or in the hotel lobby. We also have many important concurrent satellite meetings run by our industry partners that help improve and develop our field.

Finally, I would like to apologize in advance for any shortcomings that you may encounter during the conference. Please do give us your feedback (good or bad!). I also hope that you will have time to explore the many tourist attractions that Malaysia has to offer.

A handwritten signature in black ink, appearing to read 'Fong Kenneth' with a stylized flourish at the end.

**Dr Kenneth FONG**

President, 11<sup>th</sup> APVRS Congress  
President, Malaysian Society of Ophthalmology







## FOREWORD

### From Scientific Program Committee Chair



**A/Prof Andrew CHANG**

Dear colleagues,

We welcome you to the 11<sup>th</sup> APVRS Congress hosted by the Malaysian Society of Ophthalmology in vibrant Kuala Lumpur.

The Scientific Program Committee comprising Asia-Pacific, international, and local Malaysian coordinators for each of the 29 symposia have created a stimulating educational program. These invited symposia will encompass the breadth of medical and surgical retinal themes. The new format of masterclasses will offer the latest and practical tips and traps in the subject of focus. The scientific content will be an enlightening adventure for both general and retinal ophthalmologists.

Additionally, the number of submitted abstracts continues to grow, with over 445 abstracts received for the free paper and poster sessions this year.

This year we are most pleased that named Tano, Keshmahinder Singh, and Malaysian Society of Ophthalmology Travel Grants have been awarded to support promising young retinal specialists who attend this prestigious meeting.

Furthermore, this year's inaugural International Award Lecture will be given by Neil Bressler. This joins the Tano, Constable, and the Keshmahinder Singh named lectures in the scientific program.

The APVRS acknowledges our sponsors and industry partners who continue to support ophthalmologists. We encourage you to visit the industry-sponsored educational symposia and the exhibits.

We look forward to sharing our knowledge, experience, and perspectives in a collegiate atmosphere during the next few days.

**A/Prof Andrew CHANG**

Chair, Scientific Program Committee  
11<sup>th</sup> APVRS Congress





## WELCOME MESSAGE

### From President, Asia-Pacific Vitreo-retina Society



**Dr Taraprasad DAS**

Dear friends and colleagues,

It is time to meet you again, this year in Kuala Lumpur for the 11<sup>th</sup> annual Asia-Pacific Vitreo-retina Society (APVRS) Congress. Hosted by the Malaysian Society of Ophthalmology this year, the APVRS annual meeting is the largest and very carefully designed scientific congress on diseases of the retina and vitreous in the Asia-Pacific region. It is rich in scientific content and social events.

Malaysia is the “Heart of Asia” where cultures meet and diversities flourish. Malaysia is a multiethnic, multicultural, and multilingual society. Rich in art and cuisine, you will find something that appeals to all tastes. Kuala Lumpur is a vibrant city and the financial center of Malaysia. The meeting venue, KL Convention Centre, is rightly located next to the famous Petronas Twin Towers and is surrounded by many hotels, restaurants, a world-class aquarium, and shopping arcades: the perfect combination for leisure and pleasure outside of Congress hours. Kuala Lumpur enjoys a tropical rainforest climate (temperature between 24°C and 27°C in December) and we could be welcoming occasional showers during the Congress.

Come and join us for science as we celebrate the 11<sup>th</sup> APVRS Congress in Kuala Lumpur.

**Dr Taraprasad DAS**

President, Asia-Pacific Vitreo-retina Society





## WELCOME MESSAGE

From Secretary-General, Asia-Pacific Vitreo-retina Society



**Prof Dennis S C LAM**

Dear friends and colleagues,

It is with immense pleasure that I welcome you to the 11<sup>th</sup> APVRS Congress, held in the beautiful city of Kuala Lumpur this year.

The APVRS Congress has certainly grown in stature and in scientific content as one of the most important ophthalmology conferences in the Asia-Pacific region, gathering leading vitreoretinal specialists from around the globe to share their experience and expertise. With so many leading experts speaking at the Congress, the Congress will provide you with great opportunities to gain insight into the latest discoveries and innovations in the vitreoretinal field. On the other hand, the Congress will also provide you with a platform to network and establish collaborations and friendships.

I must extend my heartfelt thanks to Dr Kenneth Fong, the Congress President, and his team for their dedicated and tireless effort in organizing such an outstanding meeting. At the same time, Kuala Lumpur is a vibrant city known as "A City of Contrast and Diversity." Do take some time and enjoy yourself here!

I look forward to seeing you all in Kuala Lumpur!

**Prof Dennis S C LAM**

Secretary-General, Asia-Pacific Vitreo-retina Society





# WELCOME MESSAGE

## From Guest of Honor, 11<sup>th</sup> APVRS Congress



**Datuk Dr Noor Hisham ABDULLAH**

Dear delegates,

It gives me great pleasure to extend to all participants of the 11<sup>th</sup> Asia-Pacific Vitreo-retina Society (APVRS) Congress a very warm welcome on behalf of the Ministry of Health and the Organizing Committee of this meeting.

I am aware that the APVRS plays a key role in the development of the vitreo-retinal subspecialty in the Asia-Pacific region by providing a platform for sharing knowledge among ophthalmologists in this subspecialty. This year's annual Congress of the APVRS, being the largest meeting of its kind in the region, is hosted for the first time in Malaysia since its inception in 2006. It is a great honor for us to serve as host this year and we thank the Society for their support and trust in us.

I am confident that with more than a hundred experts presenting their wide and challenging experiences, it will be an exciting and stimulating meeting. I am certain it will be of tremendous benefit for those just entering the subspecialty as well as those who have already been in it for many years. I would like to encourage everyone to take this opportunity to challenge established norms and break barriers in retinal disease and management because it is only by exploring and experimenting that we can become true scientists and innovators.

This is also an opportune time for all delegates to renew contacts and strengthen existing relationships, as well as make new friends. The importance of networking and building platforms to share ideas and collaborate in research cannot be over emphasized because the sharing of research is a key factor in moving forward any area of medicine.

It is gratifying to note that the agenda of the Congress covers a wide range of very interesting topics related to the retina. Prepare yourself to be challenged, excited, and inspired by the program. I am well aware and acknowledge, as I hope you will, the tremendous efforts of the Organizing Committee in putting together the scientific program specifically and the Congress as a whole to ensure that this meeting is successful.

I wish all participants a successful meeting and a very pleasant and memorable stay in Malaysia.



**Datuk Dr Noor Hisham ABDULLAH**

Director-General, Ministry of Health, Malaysia



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# APAO 2018 Hong Kong Feb 8-11-2018

The 33rd Asia-Pacific Academy of Ophthalmology Congress  
in conjunction with  
The 29th Hong Kong Ophthalmological Symposium

Host:



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<http://2018.apaophth.org>





# Councils & Committees





## COUNCILS AND COMMITTEES

### Hosts



### Asia-Pacific Vitreo-retina Society

The Asia-Pacific Vitreo-retina Society (APVRS) was founded in 2006 with the mission to assist in the development of the vitreoretinal subspecialty in the Asia-Pacific region, to provide a platform for good integration of skills and knowledge of vitreoretinal specialists, and to promote and disseminate eye care information about vitreoretinal diseases and related issues to the general public.

### Asia-Pacific Vitreo-retina Society Council

#### President

Taraprasad DAS (India)

#### Immediate Past President

Xiaoxin LI (China)

#### Secretary-General

Dennis LAM (Hong Kong)

#### Vice-President

Oh Woong KWON (South Korea)

Chi-Chun LAI (Chinese Taipei)

#### Scientific Secretary

Andrew CHANG (Australia)

#### Treasurer

Tatsuro ISHIBASHI (Japan)

#### Assistant Treasurer

Shibo TANG (China)

#### Members

Rajvardhan AZAD (India)

Kenneth FONG (Malaysia)

Tzyy-Chang HO (Chinese Taipei)

Adrian KOH (Singapore)

Timothy LAI (Hong Kong)

Zhizhong MA (China)

Masahito OHJI (Japan)

Paisan RUAMVIBOONSUK (Thailand)

Hiroko TERASAKI (Japan)

Tien-Yin WONG (Singapore)

Peiquan ZHAO (China)



### Malaysian Society of Ophthalmology

The Malaysian Society of Ophthalmology (MSO) was first known as the Malaysian Medical Association Ophthalmological Society, which was formed in 1964. It was registered as the MSO in 2008 and became an independent society from the Malaysian Medical Association. The MSO represents ophthalmologists in Malaysia and has more than 700 members. The MSO has great experience in organizing international ophthalmology meetings and past notable meetings include the Asia-Pacific Academy of Ophthalmology (APAO) Congress in 2005, Asia-Pacific Association of Cataract and Refractive Surgeons in 2015, and the biannual Malaysia-Singapore Joint Conference. MSO also runs a free diabetic eye screening service and carries out various charity eye projects in Malaysia. It is an active member of the International Council of Ophthalmology, APAO, and ASEAN Ophthalmology Society.

### Malaysian Society of Ophthalmology Council

#### President

Kenneth FONG

#### Vice President

Muiz MAHYUDIN

#### Hon. Secretary

Manoharan SHUNMUGAM

#### Asst. Hon. Secretary

Amir Bin SAMSUDIN

#### Treasurer

Ming Yueh LEE

#### Committee Members

Seng Kheong FANG

Mohd Johari bin Hj MOHAMAD

Shelina binti Oli MOHAMED

John MATHEN

#### Secretariat

Siew Wah WATT

Li Li WEE







## SCIENTIFIC PROGRAM COMMITTEE

### Chair



Andrew CHANG  
(Australia)

### Co-Chair



Nor Fariza NGAH  
(Malaysia)

Symposium	International Coordinator		Asia-Pacific Coordinator		Host Coordinator	
Cutting Edge in Retina		Gregg KOKAME (US)		Taraprasad DAS (India)		Kenneth FONG
Pathological Myopia: Dealing with the Epidemic		Yasushi IKUNO (Japan)		Chi-Chun LAI (Chinese Taipei)		Barkeh Hanim JUMAAT
Controversies in Retina		Neil BRESSLER (US)		Taiji SAKAMOTO (Japan)		Nor Fariza NGAH
Recent Advances in AMD		Andreas LAUER (US)		Timothy LAI (Hong Kong)		Hazlita MOHD ISA





Symposium	International Coordinator	Asia-Pacific Coordinator	Host Coordinator
<b>Retinal Imaging in the 21<sup>st</sup> Century</b>	 Pearse KEANE (UK)	 Seung Young YU (South Korea)	 Mae Lynn BASTION
<b>Advances in Vitreoretinal Surgery and Imaging</b>	 I-Van HO (Australia)	 Hiroko TERASAKI (Japan)	 Selvaraja VENGADASALM
<b>Controversies, Challenges &amp; Evidence on Management of Diabetic Retinopathy Including DME</b>	 Neil BRESSLER (US)	 Tien-Yin WONG (Singapore)	 Nor Fariza NGAH
<b>Advances in PCV Management</b>	 Shibo TANG (China)	 Adrian KOH (Singapore)	 Jun Shyan WONG
<b>When Front and Back Collide: Managing Anterior Segment Surgery Complications</b>	 Andrew CHANG (Australia)	 Dennis LAM (Hong Kong)	 Kian Seng LIM
<b>Video Adventures in the Operating Room</b>	 Suber HUANG (US)	 Masahito OHJI (Japan)	 Tengku Ain KAMALDEN
<b>The Vitreo-Macular Interface</b>	 Tom WILLIAMSON (UK)	 Sherman VALERO (Philippines)	 Naren MUTHUKRISHNAN
<b>Other Maculopathies</b>	 Mark GILLIES (Australia)	 Soon Hyun KIM (South Korea)	 Hon Seng WONG
<b>Retinal Vein Occlusion</b>	 Ian MCALLISTER (Australia)	 Xinyuan ZHANG (China)	 Kenneth FONG





Symposium	International Coordinator		Asia-Pacific Coordinator		Host Coordinator
Posterior Segment Issues in Cataract Surgery		Manish NAGPAL (India)		Iwan SOVANI (Indonesia)	 Mun Wai LEE
Advances in Retinal Detachment Management		Heinrich HEIMANN (UK)		Xiaoxin LI (China)	 Haslina MOHD ALI
Advances in Ocular Oncology		Mandeep SAGOO (UK)		Duangnarte ROJANAPORN (Thailand)	 Roslin Azni Abdul AZIZ
Diagnostic Dilemmas in Acute Uveitis: A Case-Based Approach		Lyndell LIM (Australia)		Shwu-Jiuan SHEU (Chinese Taipei)	 Shelina Oli MOHAMED
Comprehensive Updates in Posterior and Panuveitis Management		Narsing RAO (US)		Somsiri SUKAVATCHARIN (Thailand)	 Shelina Oli MOHAMED
Pediatric Retina		R.V. Paul CHAN (US)		Xiaoyan DING (China)	 Mano SHUNMUGAM
Mystery Retina		William MIELER (US)		Paisan RUAMVIBOONSUK (Thailand)	 Tara GEORGE
Masterclass in Surgical Management of Proliferative Diabetic Retinopathy		Yashin RAMKISSOON (UK)		Ari DJATIKUSUMO (Indonesia)	 Alan ANG
Masterclass in Managing Ocular Trauma		Ferenc KUHN (US)		Lawrence LEE (Australia)	 Danny WONG







Symposium	International Coordinator		Asia-Pacific Coordinator		Host Coordinator	
Masterclass in Retinal Detachment Repair		Tom WILLIAMSON (UK)		Doric WONG (Singapore)		Zabri KAMARUDDIN
Masterclass in ROP		R.V. Paul CHAN (US)		Rajvardhan AZAD (India)		Mano SHUNMUGAM
Masterclass in Ocular Oncology		Heinrich HEIMANN (UK)		Duangnarte ROJANAPORN (Thailand)		Roslin Azni Abdul AZIZ
Masterclass in Electrophysiology		Graham HOLDER (UK)		Ranjana MATHUR (Singapore)		Tara GEORGE
Masterclass in Retinal Imaging		Srinivas SADDA (US)		Colin TAN (Singapore)		Mae Lynn BASTION
Masterclass in PCV		Tomohiro IIDA (Japan)		Won Ki LEE (South Korea)		Nor Fariza NGAH
X-treme VR Surgery for Complex Situations		Cyrus SHROFF (India)		Giridhar ANANTHARAMAN (India)		Kenneth FONG





## SUBMITTED PROGRAM COMMITTEE

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 Suber HUANG (US)	 Jay CHHABLANI (India)	 Mushawiahti MUSTAPHA
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	 Yasushi IKUNO (Japan)	

Thank you to all the chairs of the rapid fire sessions.





## ABSTRACT REVIEWING COMMITTEE

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Bill WONG





# Congress Information







## CONGRESS INFORMATION

The following information is provided to make your attendance at the 11<sup>th</sup> APVRS Congress in Kuala Lumpur as enjoyable as possible. If you require assistance throughout the Congress, please visit the Registration Desk and we will do everything we can to help you.

### EVENT NAME

The 11<sup>th</sup> Asia-Pacific Vitreo-retina Society Congress (APVRS) held in conjunction with the Malaysian Society of Ophthalmology

### CONGRESS VENUE

Kuala Lumpur Convention Centre  
Stall 7, Jalan Pinang, Kuala Lumpur City Centre, 50088  
Kuala Lumpur, Malaysia

### REGISTRATION AND INFORMATION DESK

The APVRS 2017 Congress Registration and Information Desk is located at the centre core on the 3<sup>rd</sup> floor of Kuala Lumpur Convention Centre and will operate during the times listed below:

12.7.2017 (Thu)	15:00 – 18:00
12.8.2017 (Fri)	07:00 – 17:30
12.9.2017 (Sat)	07:00 – 17:30
12.10.2017 (Sun)	07:00 – 14:30

### ON-SITE PAYMENT

On-site payment with cash and credit card can be made at the Registration Desk during opening hours. Cheques are not accepted.

### NAME BADGES

Each delegate registered for the Congress will receive a name badge at the Registration Desk.

Accompanying Persons (if any) are entitled to enter only the Exhibition Hall and Opening Ceremony of APVRS 2017.

This badge will be your official pass and must be worn during the Congress for identification.

Reissuing of delegate/accompanying person badges will be available at the Registration Desk. Badges are nontransferable. An administrative fee of USD20 may be incurred for re-issuing a delegate badge.

### DELEGATE BAG AND RIBBON COLLECTION

Delegate bags and ribbons are available for pickup at the at the "Congress Bag Redemption" Counter near Conference Hall 1 on the 3<sup>rd</sup> floor of Kuala Lumpur Convention Centre. Delegates can collect their own delegate bag upon presentation of their name badge.

Extra delegate bags and souvenir T-shirts are also available for sale at the Registration Desk.

For APVRS 2017, the delegate bags were designed by MSO Administrator Ms Li Li Wee.

### DRESS CODE

Neat casual attire is acceptable for attendance at Congress sessions and social functions.

### APVRS SMARTPHONE APP

The APVRS 2017 mobile app provides easy-to-use interactive capabilities to enhance your Congress experience. The app features all the scientific sessions and instruction courses, posters, e-posters, video abstracts, general information, floor plan, and a city map.

The app can be downloaded by scanning the QR code on the program book cover or that shown below.



ANDROID APP



IOS APP

Updating the app regularly is recommended. For help on downloading the app and navigating its functions, please ask for assistance at the Registration Desk.

### ABSTRACT BOOK

A PDF copy of the abstract book is available online at <http://2017.apvrs.org/publications>. No hard copy will be distributed. Please scan the QR code below to access the abstract book:





## SPEAKER READY ROOM

All speakers are required to check in and upload their PowerPoint at the respective Speaker Ready Room 24 hours before their scheduled presentation. The computers in the Speaker Ready Room will have the exact same configuration as those in the session rooms. It is imperative that you review your presentation in the Speaker Ready Room where our technicians will help resolve any compatibility and/or formatting issues.

The Speaker Ready Room will be open during the following times in Room 306:

12.7.2017 (Thu)	15:00 – 19:00
12.8.2017 (Fri)	07:30 – 18:30
12.9.2017 (Sat)	07:30 – 18:30
12.10.2017 (Sun)	07:30 – 14:30

## SCIENTIFIC POSTERS

Paper posters can be found in the foyer of Conference Hall 1 and Conference Hall 2. Delegates can use the image scanner to scan the poster. They will then be directed to a recording made by the author where applicable.

## E-POSTER & VIDEO PLATFORM

Delegates can view e-posters via the APVRS 2017 Congress app for smartphones. They can also visit the E-poster and Video Platform located in the Exhibition Hall.

## MORNING AND AFTERNOON TEA

Morning and afternoon tea will be held in the Exhibition Hall.

## SPONSORED SYMPOSIA

Venues where sponsored sessions will be held are listed below.

	Time	Sponsored Symposium	Room*
12.8.2017 (Fri)	12:45 – 13:45	Bayer	Banquet Hall
	12:45 – 13:45	Alcon	Conference Hall 3
	12:45 – 13:45	Quantel Medical	Room 304 & 305
12.9.2017 (Sat)	12:45 – 13:45	Nidek	Room 302 & 303
	12:45 – 13:45	Bayer	Banquet Hall
	12:45 – 13:45	Novartis	Conference Hall 3
12.9.2017 (Sat)	12:45 – 13:45	Allergan	Ballroom 1
	12:45 – 13:45	Heidelberg	Room 304 & 305
	12:45 – 13:45	Topcon	Room 302 & 303
12.10.2017 (Sun)	17:45 – 18:45	Alcon	Conference Hall 3
	12:45 – 13:45	Novartis	Conference Hall 3
	12:45 – 13:45	Santen	Room 304 & 305

\*Please refer to the floor plan for the exact location of the session rooms.

## POLICIES

**No Smoking** – Smoking is strictly prohibited in all session rooms, meeting and exhibition areas. Your cooperation is appreciated.

**Mobile Phones** – Please respect the presenter and other delegates by ensuring that your mobile phone is in silent mode while you are in sessions.

**Photography in the Exhibition Hall** – Attendees wishing to photograph or videotape an exhibit must obtain permission from the relevant company beforehand.

**Photographing or Videotaping Scientific Sessions** – Photographing and/or videotaping the scientific sessions are strictly prohibited. (Permission must be obtained in advance by media representatives.)

## CERTIFICATES OF ATTENDANCE

Certificates of Attendance can be downloaded through the APVRS Congress system (<http://congress.apvrs.org/>) after the Congress.







## SOCIAL EVENTS

### OPENING CEREMONY

Date: 12.8.2017 (Fri)  
Time: 10:00 – 10:40  
Location: Banquet Hall  
Kuala Lumpur Convention Centre  
Remarks: Open to All Delegates

### PRESIDENTIAL DINNER

Date: 12.8.2017 (Fri)  
Time: 19:30 – 21:30  
Location: Grand Salon, Grand Hyatt Kuala Lumpur  
(By Invitation Only)

### CONGRESS PARTY

Date: 12.9.2017 (Sat)  
Time: 19:30 – 21:30  
Venue: Ballroom 1, Kuala Lumpur Convention Centre  
Cost: US\$75/person, including food and entertainment.

The Congress Party at APVRS 2017 will allow delegates to experience all the highlights of Malaysian culture and cuisine in one beautiful location. The Grand Ballroom of the Kuala Lumpur Convention Center, with majestic views of the Petronas Twin Towers, will be transformed into a spectacle of hawker style food stands offering tasty treats and interactive handicraft stations showcasing traditions of Malaysia.

Attendees can feast on Malaysian delicacies such as roti canai and Hainanese chicken rice, or try their hand at pewter smithing, basket weaving, batik (fabric) painting and more. Additional entertainment will be provided by Malaysia's National Dance Troupe, who will perform music and dance representing various ethnic groups in Malaysia

Please Note: The Congress Party is not included in the registration fee. Delegates are encouraged to bring their partners and families.



You are cordially invited to the lunch symposium hosted by Santen Pharmaceutical Asia, at the 11<sup>th</sup> Asia-Pacific Vitreo-retina Society Congress (APVRS) 2017. This symposium, featuring a panel of regional experts, will explore the current management and delve into the exciting future of non-infectious uveitis of the posterior segment (NIU-PS) via an hour of expert insights, regional case studies and new data on NIU-PS.

## The Future of NIU Management: A Regional Perspective

### Agenda and Faculty:



#### Shaping a better future for uveitis management

**Dr Fariza Ngah,**  
National Head of Ophthalmology Services,  
Ministry of Health Malaysia



#### Seeing is believing: new imaging methods for diagnosing and managing uveitis

**Dr Harvey Uy,**  
Clinical Associate Professor, University of the Philippines;  
St. Luke's Medical Centre, the Philippines



#### The evolving landscape of uveitis treatment

**Dr Adrian Koh,**  
Camden Medical Centre, Singapore;  
Executive Director, ESASO Asia Campus

**Date:** Sunday, 10 December 2017  
**Time:** 12:45–13:45  
**Venue:** Room 304-305,  
Kuala Lumpur Convention Centre

We sincerely look forward to welcoming you to our symposium.  
For more information, contact Dr Femmy Bahroen,  
Santen Pharmaceutical Asia Pte. Ltd. at  
[femmy.bahroen@santen.com](mailto:femmy.bahroen@santen.com).

# From Diagnostics to Treatment and Follow-up: The Comprehensive Posterior Solution from Nidek



*Moderator*

**Ong Sze Guan, MBBS(S'pore),  
FRCS(Edin), FRCOphth, FAMS**

Founding Partner and Senior Consultant, Eye & Retina Surgeons,  
Visiting Consultant, Singapore National Eye Centre, Singapore



*Speaker*

**Yusuke Oshima, MD, PhD**

Founder and Director  
Vitreoretina & Cataract Surgery Center, Oshima Eye Clinic  
Managing Partner and Surgeon-in-Chief  
Cataract & Refractive Surgery Center, Kawasaki Eye Clinic, Japan

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**Manish Nagpal, MS, DO, FRCS(UK)**

Retina Foundation & Eye Research Center, India

*Speaker*

**Going Deeper and Wider with  
RS-3000 Advance OCT-Angiography**



**Anna Tan, MBBS, MMed(Ophth)**

Consultant, Singapore National Eye Centre, Singapore

*Speaker*

**Clinical Applications of Microperimeter MP-3  
in Various Retinal and Choroidal Conditions**



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**THE ART OF EYE CARE**

Lunch Symposium

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## Advances in Retina Laser Therapy

Moderator: Dr Kenneth Fong (Kuala Lumpur – Malaysia)

APVRS 2017, Kuala Lumpur - Malaysia

Friday 8<sup>th</sup> December 2017 – 12:45 pm to 1:45 pm

Room 304 - 305

### PROGRAM:

1. How to laser better in 2017?
2. SubLiminal™ laser therapy.
3. PDT laser therapy.

### SPEAKERS:



**Kenneth Fong**  
Kuala Lumpur - Malaysia



**Colin Tan**  
Singapore



**Liu Xiaoling**  
Wenzhou - China



**PRE-REGISTRATION**

Or via [info@quantel-medical.fr](mailto:info@quantel-medical.fr)



**SAVE THE DATE**  
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# Program at a Glance

PROGRAM AT A GLANCE



Street Art, Penang





# PROGRAM OVERVIEW

	Dec 8 (Day 1 Friday)	Dec 9 (Day 2 Saturday)	Dec 10 (Day 3 Sunday)
08:00-08:30			
08:30-09:00			
09:00-09:30	Scientific Sessions (8:30 - 10:00)	Scientific Sessions (8:30 - 10:00)	Scientific Sessions (8:30 - 10:00)
09:30-10:00			
10:00-10:30	Opening Ceremony & Tano Lecture (10:00-10:40)	Keshmahinder Singh Lecture International Award Lecture (10:00-10:40)	Constable Lecture APVRS Practice Trends Survey Report (10:00-10:40)
10:30-11:00	Break	Break	Break
11:00-11:30			
11:30-12:00	Scientific Sessions (11:00 - 12:30)	Scientific Sessions (11:00 - 12:30)	Scientific Sessions (11:00 - 12:30)
12:00-12:30	Registration	Registration	Registration
12:30-12:45	Break	Break	Break
12:45-13:45	Lunch Symposiums (S)* (12:45-13:45)	Lunch Symposiums (S)* (12:45-13:45)	Lunch Symposiums (S)* (12:45-13:45)
13:45-14:00	Break	Break	Break
14:00-15:30	Scientific Sessions (14:00 - 15:30)	Scientific Sessions (14:00 - 15:30)	Scientific Sessions (14:00 - 15:30)
15:30-16:00	Break	Break	
16:00-17:30	Scientific Sessions (16:00 - 17:30)	Scientific Sessions (16:00 - 17:30)	
17:30-18:00			
18:00-19:30			
19:30-21:30	Presidential Dinner (19:30 - 21:30)	Congress Party / Abstract Awards Presentation / Handover Ceremony (19:30 - 21:30)	



#### DAY 1 - DEC 8, 2017 (FRIDAY)

Time	Venue	Type	Theme
08:30 - 10:00	Banquet Hall	SYM	Cutting Edge in Retina
	Hall 3	SYM	Masterclass in Surgical Management of Proliferative Diabetic Retinopathy
	Room 304 & 305	FP	Rapid Fire Medical Retina Session 1
10:00 - 10:40	Banquet Hall	Opening	Opening Ceremony and APVRS Tano Lecture
11:00 - 12:30	Banquet Hall	SYM	Pathological Myopia: Dealing With the Epidemic
	Hall 3	SYM	Masterclass in Managing Ocular Trauma
	Room 304 & 305	FP	Rapid Fire Surgical Retina Session 1
14:00 - 15:30	Banquet Hall	SYM	Controversies in Retina
	Hall 3	SYM	Retinal Imaging in the 21 <sup>st</sup> Century
	Room 304 & 305	FP	Rapid Fire Medical Retina Session 2
16:00 - 17:30	Banquet Hall	SYM	Recent Advances in AMD
	Hall 3	SYM	Advances in Vitreo-Retinal Surgery and Imaging
	Room 304 & 305	FP	Rapid Fire Surgical Retina Session 2

#### DAY 2 - DEC 9, 2017 (SATURDAY)

Time	Venue	Type	Theme
08:30 - 10:00	Banquet Hall	SYM	Controversies, Challenges, and Evidence on Management of Diabetic Retinopathy Including DME
	Hall 3	SYM	Masterclass in Retinal Detachment Repair
	Room 304 & 305	FP	Rapid Fire Medical Retina Session 3
	Room 302 & 303	SYM	X-treme VR Surgery for Complex Situations
10:00 - 10:40	Banquet Hall	SYM	Keshmahinder Singh Lecture and APVRS International Award Lecture
11:00 - 12:30	Banquet Hall	SYM	Advances in PCV Management
	Hall 3	SYM	The Vitreo-Macular Interface
	Room 304 & 305	SYM	Masterclass in Retinopathy of Prematurity
	Room 302 & 303	FP	Rapid Fire Medical Retina and Uveitis Session
14:00 - 15:30	Banquet Hall	SYM	When Front and Back Collide: Managing Anterior Segment Surgery Complications
	Hall 3	SYM	Other Maculopathies
	Room 304 & 305	SYM	Masterclass in Ocular Oncology
16:00 - 17:30	Banquet Hall	VS	Video Adventures in the Operating Room
	Hall 3	SYM	Retinal Vein Occlusion
	Room 304 & 305	SYM	Masterclass in Electrophysiology

SYM = Symposium    FP = Free Paper    VS = Video Symposium



DAY 3 - DEC 10, 2017 (SUNDAY)

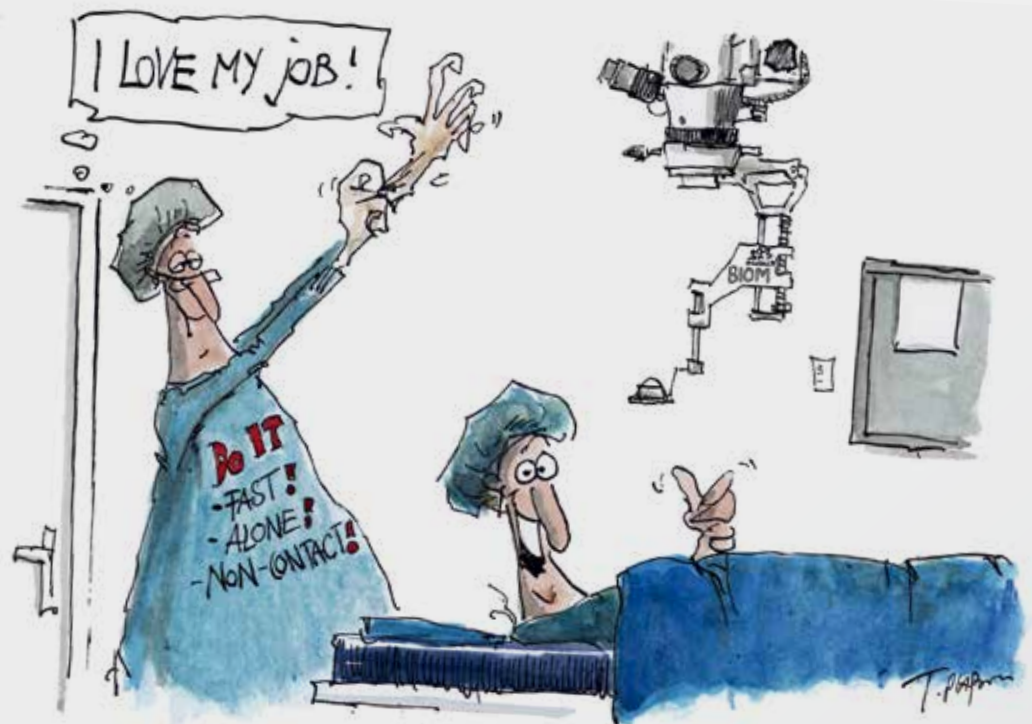
Time	Venue	Type	Theme
08:30 - 10:00	Banquet Hall	SYM	Posterior Segment Issues in Cataract Surgery
	Hall 3	SYM	Diagnostic Dilemmas in Acute Uveitis: A Case-Based Approach
	Room 304 & 305	SYM	Advances in Ocular Oncology
10:00 - 10:40	Banquet Hall	SYM	APVRS Constable Lecture and APVRS Practice Trends Survey Report
11:00 - 12:30	Banquet Hall	SYM	Advances in the Management of Retinal Detachment
	Hall 3	SYM	Comprehensive Updates on Posterior and Panuveitis Management
	Room 304 & 305	SYM	Masterclass in Retinal Imaging
14:00 - 16:00	Banquet Hall	SYM	Mystery Retina Cases
14:00 - 15:30	Hall 3	SYM	Pediatric Retina
	Room 304 & 305	SYM	Masterclass in PCV

SYM = Symposium    FP = Free Paper    VS = Video Symposium

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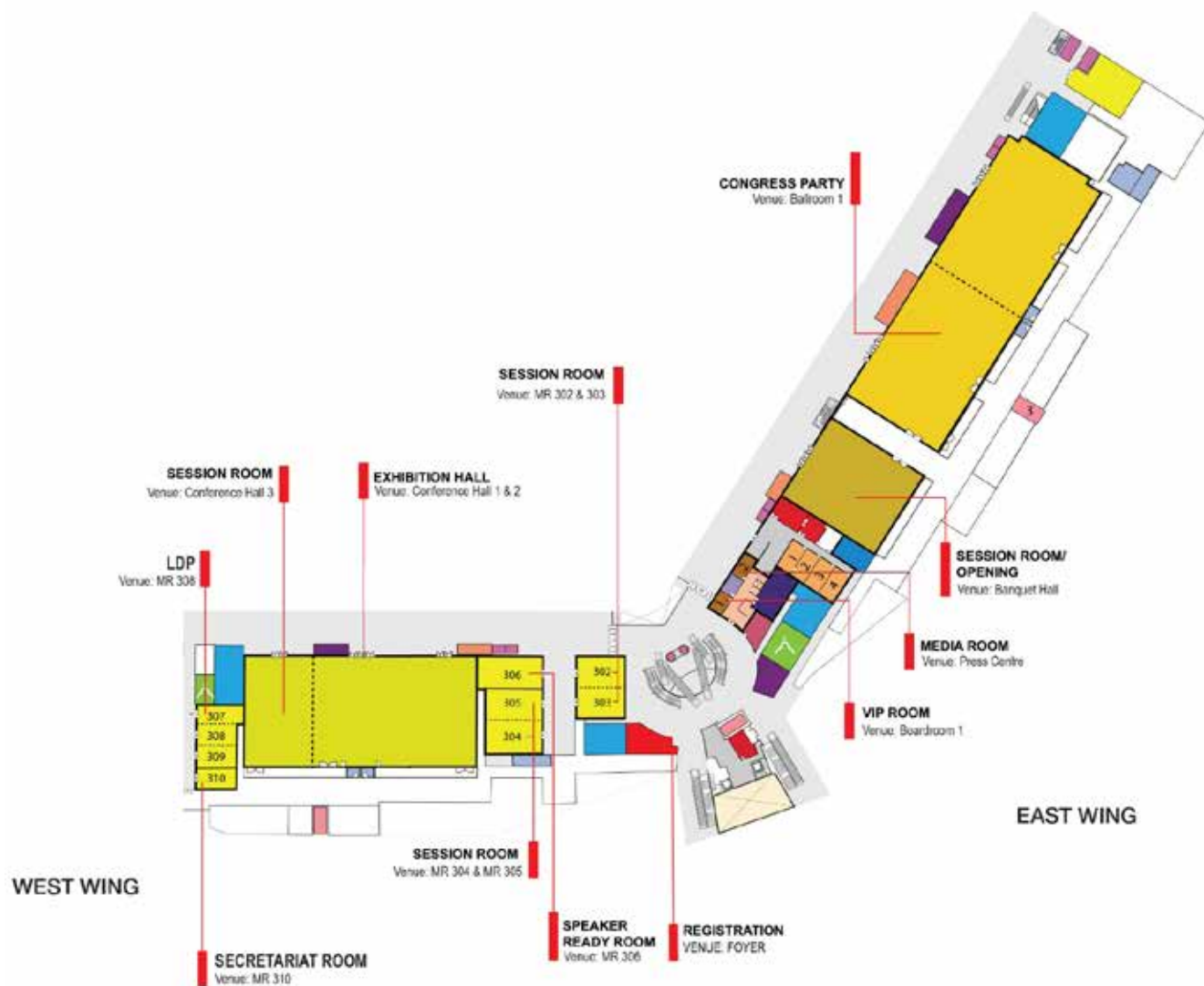
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## FLOOR PLAN





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## SPECIAL LECTURES

### APVRS TANO LECTURE

The APVRS Tano Lecture was established in 2009 in memory of Prof Yasuo Tano, the founding president of APVRS. Every year, the APVRS honors an individual of over 40 years of age for exemplary leadership and significant contributions in advancing the understanding, diagnosis, and treatment of vitreoretinal diseases with the APVRS Tano Lecture.



**Dr Taraprasad DAS (India)**

Dr Taraprasad Das is currently vice chairman of the L V Prasad Eye Institute. He is a professor of ophthalmology at Sun Yat-Sen University, Guangzhou, China; adjunct professor of ophthalmology at the University of Rochester Medical School, Rochester, NY; and fellow of the National Academy of Medical Sciences, India.

Trained in medical and surgical management of vitreo-retinal diseases, he has received 18 research grants and has led or is currently leading a number of research programs in diabetic retinopathy and public health. He also has active clinical and research interests in infective endophthalmitis. He has published 214 papers, 40 book chapters, and has authored or edited 8 books.

The current leadership positions held by Dr Das include the following: regional chair, International Agency for Prevention of Blindness (IAPB) Southeast Asia; president, Asia-Pacific Vitreo-retina Society (APVRS); Research Committee member, Asia-Pacific Academy of Ophthalmology (APAO); associate editor, *Asia-Pacific Journal of Ophthalmology*; Editorial Board member, *Ophthalmic Research*; member, International Council of Ophthalmology Specialty (Vitreoretina) Training; Ethics Committee chair, Indian Institute of Public Health; and president, VISION 2020 India.

He is also former president of the All India Ophthalmological Society and Vitreo Retina Society of India. The *Indian Journal of Ophthalmology* celebrated its golden jubilee while he was editor-in-chief of the journal.

Dr Das has delivered 15 named lectures and received 26 awards from state and national societies (1993-2015) in India, from the APAO (2006, 2013, 2017), and the American Academy of Ophthalmology (2003 and 2015). He was awarded a Doctorate of Science (Honoris Causa) by Ravenshaw University in the year 2011.

The government of India conferred its high civilian honor, the Padma Shri, upon Dr Das in the year 2013.





## Decoding Evidence-Based Best Practices in Post-Cataract Surgery Endophthalmitis Prevention and Treatment

Dec 8, 2017 10:00 – 10:40 Banquet Hall

Endophthalmitis is a devastating and potentially vision-threatening complication. Prevention and treatment strategies of post-cataract surgery endophthalmitis have evolved over the years. The current standards of care mostly rest on the Endophthalmitis Vitrectomy Study (EVS; 1995) and the European Society of Cataract and Refractive Surgeons (2007) Endophthalmitis Prevention Study. In the decades that have followed, we have accumulated evidence that calls for adoption of new strategies. The evidence includes the different spectrum of infecting microorganisms, antibiotic sensitivity and emerging resistance, technological upgrades in vitreous surgery, and the cost of care.

We have shown that microbiology varies and in up to a quarter of instances, the infection could be due to gram-negative bacteria and fungi. Often, the gram-negative bacteria are not sensitive to ceftazidime, the recommended antibiotic in the EVS. While we have also documented that intracameral antibiotics during cataract surgery may be reserved for high-risk patients, our interim results suggest that when intracameral antibiotic is used, routine use of postoperative topical antibiotics be eliminated in uncomplicated cases. Our work in endophthalmitis in diabetic small animals suggests a need for a more aggressive approach such as immediate vitrectomy over intravitreal antibiotics alone in diabetic patients, irrespective of the presenting visual acuity.

Endophthalmitis, though rare, requires a radical new strategy for prevention and treatment, essentially because of its potential to cause blindness. Strategy should be aimed at strengthening prevention and predictable cure of this serious adverse event.





## APVRS CONSTABLE LECTURE

The APVRS Constable Lecture was established in 2016 in honor of Prof Ian Constable, a past president of APVRS. The Constable Lecture awards individuals under 45 years of age for outstanding contributions in advancing the understanding, diagnosis, and treatment of vitreoretinal diseases.



**Dr Timothy YY LAI (Hong Kong)**

Dr Timothy YY Lai is an honorary clinical associate professor in the Department of Ophthalmology & Visual Sciences, The Chinese University of Hong Kong and director of the 2010 Retina and Macula Centre, Hong Kong. His clinical and research interests lie in the medical and surgical management of retinal diseases, particularly polypoidal choroidal vasculopathy, choroidal neovascularization, central serous chorioretinopathy, myopic maculopathy, visual electrophysiology, and genetics of retinal diseases and uveitis. He has extensive experience in performing clinical trials and has served as a principal investigator in over 15 multicenter clinical trials.

As one of the leading experts in vitreoretinal diseases in the Asia-Pacific region, Dr Lai has published over 210 papers in international peer-reviewed journals and has delivered over 200 invited lectures and instruction courses worldwide. His academic achievements are well-recognized internationally and he has received many international awards including the Asia-Pacific Academy of Ophthalmology (APAO) Nakajima Award (2008), American Academy of Ophthalmology (AAO) Achievement Award (2010), APAO Achievement Award (2011), Victor Yong Lecture from NHG Eye Institute in Singapore (2013), and AAO Senior Achievement Award (2017).

Dr Lai serves on the editorial boards of many leading international ophthalmic journals including *Retina*, *Eye*, *Clinical and Experimental Ophthalmology*, *Ophthalmologica*, and *Asia-Pacific Journal of Ophthalmology* and was formerly editor-in-chief of the *Hong Kong Journal of Ophthalmology*. His other leadership roles include Council Member of the Asia-Pacific Vitreo-retina Society and Section Chair of the International Ocular Inflammation Society. He has been elected as a member in various ophthalmic societies including the Macula Society, Retina Society, and American Ophthalmological Society.





## Management of Choroidal Neovascularization Due to Uncommon Causes—What We Know and What We Don't Know

**Dec 10, 2017 10:00 – 10:40 Banquet Hall**

Choroidal neovascularization (CNV) may arise in association with a number of conditions other than neovascular age-related macular degeneration (AMD) and pathologic myopia. These include various forms of uveitis, central serous chorioretinopathy, angioid streaks, choroidal osteoma, and hereditary chorioretinal diseases. In some cases, no specific cause can be identified and these are known as idiopathic CNV. The initial stimulus leading to the development of CNV is complex and varies according to the underlying disease etiology. Regardless of the inciting stimulus involved in the development of CNV, it is now well established that vascular endothelial growth factor (VEGF) plays a major role in its pathogenesis. Anti-VEGF agents are now commonly used in the treatment of CNV caused by diseases other than neovascular AMD and pathologic myopia. This lecture will discuss and review the current management of CNV due to uncommon causes.





## APVRS INTERNATIONAL AWARD LECTURE

The APVRS International Award Lecture was established in 2017. The International Award Lecture recognizes individuals from outside the Asia-Pacific region for outstanding contributions in advancing the understanding, diagnosis, and treatment of vitreoretinal diseases. There is no age restriction for APVRS International Award Lecture recipients.



**Dr Neil M BRESSLER (United States)**

Dr Neil M Bressler graduated from the Johns Hopkins University School of Medicine in 1982 and completed an ophthalmology residency at Harvard Medical School's Massachusetts Eye and Ear Infirmary in 1986. He joined the Wilmer Eye Institute (Department of Ophthalmology) faculty at Johns Hopkins in 1988 and currently is chief of the Retina Division with 19 full-time clinical faculty in retina. He has an endowed chair as the inaugural James P Gills Professor of Ophthalmology and has authored over 375 peer-reviewed publications.

Dr Bressler continues to work on the National Institutes of Health - sponsored Diabetic Retinopathy Clinical Research Network that he chaired for 7 years and currently chairs the National Eye Institute's Data and Safety Monitoring Committee for intramural clinical trials. He has also served as chair of the US Food and Drug Administration Ophthalmic Devices Panel and president of the Macula Society. He currently serves as editor-in-chief of *JAMA Ophthalmology* and has been on *The JAMA Network* Editorial Board of *JAMA* since 2013.

Apart from medicine, Dr Bressler has served as vice chair of the Board of Trustees for the Interlochen Center for the Arts in Michigan, where he shared responsibility for engaging and inspiring people through excellence in educational, artistic, and cultural programs in the arts. Recently, he became only the 12<sup>th</sup> Life Trustee for the Interlochen Center for the Arts in 90 years.

### Revolution in Diabetic Retinopathy Management—A Race Against Time

**Dec 9, 2017 10:00 – 10:40 Banquet Hall**

Population-based surveys have shown that blindness is often ranked as the worst thing that could happen to someone. Given the growing epidemic of obesity that in turn results in more diabetes and its most common complication, vision loss from diabetic retinopathy, efforts to improve the management of diabetic retinopathy are needed now more than ever. The 2017 (inaugural) APVRS International Award Lecture will highlight the revolution that has occurred in the past decade regarding the management of diabetic retinopathy by academia, foundations, and industry around the world. Clinically relevant findings from the Diabetic Retinopathy Clinical Research Network (DRCR.net) will be reviewed as examples of how such efforts have rapidly changed the management of diabetic retinopathy and helped to reduce the magnitude of vision loss from this epidemic. Preventative efforts under evaluation could lead to even greater improvements in management, though proof of more efficient and cost-effective approaches will be needed to allow this revolutionary management to be available throughout the Asia-Pacific region and the rest of the world.





## KESHMAHINDER SINGH LECTURE

Dato Dr Keshmahinder Singh was a founding member of the Malaysian Medical Association Ophthalmological Society (MMAOS) in 1964. He was president of the Asia-Pacific Academy of Ophthalmology (APAO) Congress in 1987 and received the Jose Rizal Medal in 1989. He was instrumental in the development of the Conjoint Ophthalmology Training Program in Malaysia. He passed away on May 23, 2007, and this named lecture serves to commemorate this great person. Recipients of this award are local or international ophthalmologists that have contributed greatly to the specialty in Malaysia.



**A/Prof Andrew CHANG (Australia)**

A/Prof Andrew Chang is a vitreoretinal ophthalmologist. He graduated from the University of Sydney Medical School with honors and then underwent registrar training at Sydney Eye Hospital and fellowship training at the Royal Victorian Eye and Ear Hospital and in the United States. He was awarded a PhD for research into retinal and choroidal angiography performed at the Universities of California and Sydney.

He holds an academic appointment of clinical associate professor at the University of Sydney. At Sydney Eye Hospital, he is a consultant vitreoretinal surgeon and the head of the Retinal Unit. He is the medical director of Sydney Retina Clinic. Dr Chang's commitment to international ophthalmology includes serving as Scientific Secretary and Committee Member of the Asia-Pacific Vitreo-retinal Society. He is chair of the New South Wales Royal Australian and New Zealand College of Ophthalmologists (RANZCO) Committee and serves on the Federal RANZCO Council. He is a clinician advisor to the Department of Health Australia. Professional awards include the Achievement Award and the Distinguished Service Award of the Asia-Pacific Academy of Ophthalmology and the RANZCO Excellence in Teaching Award.

Dr Chang is enthusiastically involved in basic science and clinical trials research receiving research grant funding in Australia and the United States. This research has been published extensively in peer-reviewed scientific literature. He serves on the editorial board of peer-reviewed journals and is a section editor of *Clinical and Experimental Ophthalmology*. In wider healthcare activities, Dr Chang supports new medical drugs and devices by engaging in clinical trials development. He is driving strategies aimed at better engagement with the healthcare professional and patient using the latest in cloud, internet of things, and artificial intelligence technology.







## **Vitreoretinal Surgery—An Unexpected Adventure**

**Dec 9, 2017 10:00 – 10:40 Banquet Hall**

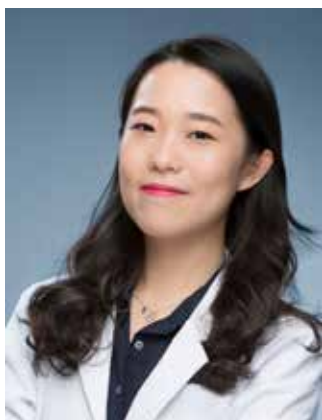
Vitreoretinal surgery has progressed rapidly with the enhanced understanding of the pathophysiology of retinal disease. Innovation is made possible through the perseverance and courage of intrepid surgeons advancing the frontiers of ophthalmic surgery using the latest technology often without the guidance of trial data. Subsequent trial data provide guidelines in clarifying patient care. The challenge for trials is to ask the correct questions of complex and varied clinical settings in the context of rapidly evolving technology.





## APVRS TANO TRAVEL GRANTS

The APVRS Tano Travel Grants were established in memory of the founding president of the Asia-Pacific Vitreo-retina Society (APVRS), Prof Yasuo Tano, with the aim to provide partial travel support to young ophthalmologists in the vitreo-retina field in the Asia-Pacific region to attend the APVRS Congress. This is an integral part of APVRS's effort to further the training and education of young ophthalmologists in the Asia-Pacific region.



**Jing FENG**  
(China)



**Umesh BHAMMARKAR**  
(India)



**Vishal GOVINDAHARI**  
(India)



**Nivean MADHIVANAN**  
(India)



**Divya K MISRA**  
(India)





## MSO TRAVEL GRANTS

The MSO Travel Grants are provided by the Malaysian Convention and Exhibition Bureau (MyCEB) to encourage presentation of original research by all grades of ophthalmologists at this conference.



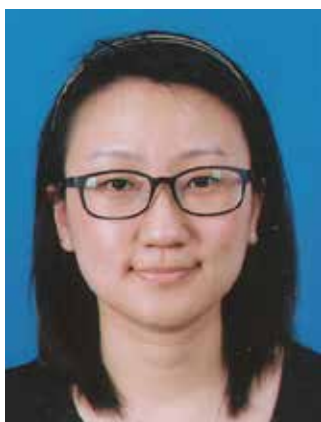
**Teck Boon TEW**  
(Chinese Taipei)



**Shun KUMASHIRO**  
(Japan)



**Jee Yao LOKE**  
(Malaysia)



**Sor Earn TAN**  
(Malaysia)



**Ronald Y TIU**  
(Philippines)







## KESHMAHINDER SINGH TRAVEL GRANTS

The Keshmahinder Singh Oration Fund was established by the Malaysian Society of Ophthalmology from funds donated by the late Dato' Dr Keshmahinder Singh (1921-2007). For APVRS 2017, the Keshmahinder Singh Oration Fund was graciously declined by the recipient, Dr Andrew Chang, to be used instead for additional travel grants to the Congress.



**Pritam M BAWANKAR**  
(India)



**Mariam H DOCTOR**  
(India)



**Prateek KAKKAR**  
(India)



**Mohd Anash PATHAN**  
(India)



**Meher Tej RAVULA**  
(India)



**Aditya A SUDHALKAR**  
(India)



**Wen Yee LEE**  
(Malaysia)



**Fatin N ZAMAWI**  
(Malaysia)



**Rajya L GURUNG**  
(Nepal)



**Roshija K RIJAL**  
(Nepal)





A full-page background image showing a scuba diver in a yellow and black wetsuit swimming horizontally over a diverse coral reef. The reef is covered in various types of coral, including large, branching pink corals and smaller, more colorful patches of orange, green, and purple. The water is a deep, clear blue, and the diver is positioned on the left side of the frame, looking towards the camera.

# Scientific Program Schedule

SCIENTIFIC PROGRAM  
SCHEDULE





## INVITED SYMPOSIUMS

Dec 08, 2017 (Fri)

### Medical and Surgical Retina

#### Cutting Edge in Retina

Have your patients asked you about gene or stem cell therapy for their eye problems? This opening symposium of the 11<sup>th</sup> APVRS Congress promises to be an exciting overview of the latest developments in retina. Topics like artificial retina, gene therapy, stem cell therapy, and the future of retinal imaging will be covered. This will be an excellent symposium for all ophthalmologists with updates to help answer any questions that patients may have after reading about their conditions online.

08:30 - 10:00 **Venue: Banquet Hall**

*Chair(s): Taraprasad **DAS**, Kenneth **FONG**, Gregg **KOKAME***

08:30 Long-Term Results of Argus 2 Retinal Prosthesis

*Gregg **KOKAME***

08:40 Gene Therapy for AMD

*Ian **CONSTABLE***

08:50 Gene Therapy for Inherited Retinal Diseases

*Andreas **LAUER***

09:00 Ocular Stem Cell Therapy: Will It Be a Reality?

*Mandeep **SINGH***

09:10 Development of Stem Cell Treatment for AMD

*Masayo **TAKAHASHI***

09:20 Role of miRNA in Diabetic Retinopathy

*Tengku Ain **KAMALDEN***

09:30 What Is the Future of the OCT Investigation?

*Pearse **KEANE***

09:40 Autologous Retinal Transplant for Large Macular Hole

*Kazuaki **KADONOSONO***

09:50 Panel Discussion and Questions

#### Pathological Myopia: Dealing With the Epidemic

Myopia is a huge problem in the Asia-Pacific region and most of the ocular complications occur in the vitreoretinal area. This symposium will summarize the latest evidence in myopia prevention strategies, medical management of myopic choroidal neovascularization, and surgical management of myopic macular hole. It is an essential symposium for all ophthalmologists.

11:00 - 12:30 **Venue: Banquet Hall**

*Chair(s): Yasushi **IKUNO**, Barkeh Hanim **JUMAAT**, Chi-Chun **LAI***

11:00 Epidemiology and Low-Dose Atropine for Myopia Control

*Gemmy **CHEUNG***

11:10 Natural Light Exposure for Myopia Control

*Pei-Chang **WU***

11:20 Imaging in Pathological Myopia

*Hideharu **OHSUGI***

11:30 Management of Myopic Choroidal Neovascularization

*Barkeh Hanim **JUMAAT***

11:40 What Is the Relevance of Dome-Shaped Macula?

*Salomon **COHEN***

11:50 Myopic Foveoschisis

*Yasushi **IKUNO***

12:00 Management of Myopic Macular Hole

*Chi-Chun **LAI***

12:10 Macular Buckle in Myopic Maculopathy

*Pradeep **SUSVAR***







### Controversies in Retina

This symposium will see key opinion leaders debate the different management options for proliferative diabetic retinopathy, persistent diabetic macula edema, and postoperative endophthalmitis. You will hear compelling arguments from each side accompanied by expert commentary from the moderators of this exciting session. Come and learn the different ways to manage these important conditions.

14:00 - 15:30 **Venue: Banquet Hall**

*Chair(s): Neil **BRESSLER**, Nor Fariza **NGAH**, Taiji **SAKAMOTO***

- 14:00 What Is the Optimal Treatment for PDR? Anti-VEGF  
*Neil **BRESSLER***
- 14:15 What Is the Optimal Treatment for PDR? Laser  
*Taraprasad **DAS***
- 14:30 What Should You Do for Persistent DME? Switch to Steroids  
*Usha **CHAKRAVARTHY***
- 14:45 What Should You Do for Persistent DME? Continue With Anti-VEGF  
*Timothy **LAI***
- 15:00 What Is the Optimal Management of Postoperative Endophthalmitis? Immediate Vitrectomy  
*Ferenc **KUHN***
- 15:15 What Is the Optimal Management of Postoperative Endophthalmitis? Tap and Inject and Delayed Vitrectomy  
*William **MIELER***

### Others

### Opening Ceremony and APVRS Tano Lecture

10:00 - 10:40 **Venue: Banquet Hall**

- 10:00 Opening Ceremony
- 10:20 APVRS Tano Lecture: Decoding Evidence-Based Best Practices in Post-Cataract

Surgery Endophthalmitis Prevention and Treatment

*Taraprasad **DAS***

### Retina (Medical)

### Retinal Imaging in the 21<sup>st</sup> Century

Retinal imaging in the 21<sup>st</sup> century has progressed by leaps and bounds and is entering an exciting era. Current imaging techniques are providing views of the eye that were previously invisible on clinical examination and are changing how we understand and treat retinal pathologies. This symposium brings us to the forefront of available imaging technology and offers a glimpse into future possibilities. This session is for everyone who uses retinal imaging in the management of patients.

14:00 - 15:30 **Venue: Hall 3**

*Chair(s): Mae Lynn **BASTION**, Pearse **KEANE**, Seung Young **YU***

- 14:00 Wide-Field Imaging  
*Paolo Antonio **SILVA***
- 14:10 Update on Autofluorescence Imaging  
*Seung Young **YU***
- 14:20 Use of Artificial Intelligence in OCT Analysis  
*Pearse **KEANE***
- 14:30 Using OCTA as a Predictor of Treatment Outcomes  
*Marten **BRELEN***
- 14:40 Can OCTA Replace ICGA in Detecting Polyps?  
*Colin **TAN***
- 14:50 Is OCTA Here to Stay?  
*Srinivas **SADDA***
- 15:00 A Wireless Smartphone Videography System  
*Jan Bond **CHAN***
- 15:10 Low Cost Smartphone Retinal Imaging  
*Ashish **SHARMA***
- 15:20 Questions and Answers





### Recent Advances in AMD

Attend this session to discover the recent updates in age macular degeneration (AMD), from the latest in epidemiological and genetic studies to the current advances in investigational and monitoring tools. In addition we will also be exploring the exciting developments of new pharmaceuticals and therapeutic targets as well as gene and stem cell therapy for the treatment of AMD.

16:00 - 17:30 **Venue: Banquet Hall**

*Chair(s): Timothy LAI, Andreas LAUER, Hazlita MOHD ISA*

- |       |   |
|-------|---|
| 16:00 | Updates in the Epidemiology of AMD<br><i>Hazlita MOHD ISA</i>                     |
| 16:10 | Updates in the Genetics of AMD<br><i>Danny NG</i>                                 |
| 16:20 | Advances in OCT and OCTA Imaging in AMD<br><i>Gemmy CHEUNG</i>                    |
| 16:30 | Potential Treatment for Dry AMD<br><i>Jayakrishna AMBATI</i>                      |
| 16:40 | Gene Therapy for Neovascular AMD<br><i>Andreas LAUER</i>                          |
| 16:50 | New Drugs and Therapeutic Targets for nAMD<br><i>Clement CHAN</i>                 |
| 17:00 | Stem Cell Therapy for Dry AMD<br><i>Joo Yong LEE</i>                              |
| 17:10 | Stem Cell Therapy for Neovascular AMD<br><i>Masayo TAKAHASHI</i>                  |
| 17:20 | Home Monitoring for Earlier Detection of Neovascular AMD<br><i>Susan BRESSLER</i> |

### Retina (Surgical)

#### Masterclass in Surgical Management of Proliferative Diabetic Retinopathy

Managing advanced complications of proliferative diabetic retinopathy represents

one of the most difficult challenges in the world of vitreo-retinal surgery. In this masterclass, expert vitreo-retinal surgeons will share their experiences, including how to assess patients preoperatively and the tips and techniques needed for a successful approach to this complex problem.

08:30 - 10:00 **Venue: Hall 3**

*Chair(s): Alan ANG, Ari DJATIKUSUMO, Yashin RAMKISSOON*

- |       |   |
|-------|---|
| 08:30 | To Operate or Not to Operate?<br><i>Ari DJATIKUSUMO</i>                               |
| 08:40 | What Are the Aims and Principles of Surgery?<br><i>Yashin RAMKISSOON</i>              |
| 08:50 | Advanced Techniques That May Help<br><i>Arthur FU</i>                                 |
| 09:00 | Surgical Management of Macular Pathologies in Diabetic Retinopathy<br><i>Alan ANG</i> |
| 09:10 | Intraoperative Situations in Diabetic Vitrectomy<br><i>Manish NAGPAL</i>              |
| 09:20 | Case Presentation and Questions   |

#### Masterclass in Managing Ocular Trauma

Serious ocular trauma can be a frightening experience for patients, who often suffer significant loss of visual function. This masterclass provides an opportunity for ophthalmologists at all levels of experience to sharpen their skills and contribute to the discussion on the optimal strategy for such cases. An international panel of speakers has been assembled to share their expertise on a wide range of related topics.

11:00 - 12:30 **Venue: Hall 3**

*Chair(s): Ferenc KUHN, Lawrence LEE, Yew WONG*

- |       |   |
|-------|---|
| 11:00 | Timing of Reconstructing the Severely Injured Eye<br><i>Ferenc KUHN</i> |
|-------|---|





- 11:20    Posterior Segment Trauma Management Guidelines  
*Lawrence LEE*
- 11:35    Posterior Segment Complications of Contusions  
*Yew WONG*
- 11:45    Intraocular Foreign Bodies  
*Atul KUMAR*
- 11:55    Acrobatic Techniques in Management of Ocular Trauma  
*Zhizhong MA*
- 12:05    Addressing RRD (Traumatic RD With Retinal Dialysis)  
*Manoj KHATRI*
- 12:15    Panel Discussion

### Advances in Vitreo-Retinal Surgery and Imaging

Many would assume that the technology in retinal surgery is nearing its peak. However, recent advances in technology, research, and “out of the box” approaches have reached a new zenith in the field of surgical retina. Thus, leading the pack in this new era of possibilities are our distinguished panel of speakers in this symposium on advances in vitreo-retinal surgery.

16:00 - 17:30 **Venue: Hall 3**  
*Chair(s): I-Van HO, Selvaraja VENGADASALAM, Hiroko TERASAKI*

- 16:00    Epiretinal Implant (Argus 2)  
*Yih-Shiou HWANG*
- 16:10    Initial Experience With Argus 2 Retinal Prosthesis  
*Young Hee YOON*
- 16:20    Subretinal Implant (Alpha IMS)  
*Caroline CHEE*
- 16:30    Suprachoroidal Implants  
*Penelope ALLEN*
- 16:40    Hypersonic Vitrectomy  
*Amar AGARWAL*

- 16:50    NGenuity 3D Visualization  
*I-Van HO*
- 17:00    Fiberoptic OCT  
*Hiroko TERASAKI*
- 17:10    Robotic Assisted VR Surgery  
*Peter STALMANS*
- 17:20    27+g Vitrectomy  
*Manish NAGPAL*

**Dec 09, 2017 (Sat)**

### Medical and Surgical Retina

#### Masterclass in Retinopathy of Prematurity

Technological advances have allowed new and better ways of detecting retinopathy of prematurity (ROP) and improving outcomes, which has evolved the ways in which we approach ROP. Learn directly from the masters in the field, who will be presenting tips and tricks in the management and treatment of this challenging condition.

11:00 - 12:30 **Venue: Room 304 & 305**  
*Chair(s): Rajvardhan AZAD, R.V. Paul CHAN, Mano SHUNMUGAM*

- 11:00    How We Aim to Prevent ROP  
*Uma SOTHINATHAN*
- 11:12    How You Should Screen and Refer ROP Babies  
*Atchara AMPHONPHRUET*
- 11:24    How to Approach Laser for ROP  
*Mano SHUNMUGAM*
- 11:36    Anti-VEGF in ROP: Hamlet's Dilemma? Controversies and Recommendations  
*Rajvardhan AZAD*
- 11:48    Surgical Intervention in ROP: Indications and Outcomes  
*Shunji KUSAKA*
- 12:00    How New Trials and Research Will Change the Course of ROP Management  
*Wei-Chi WU*





12:12 Imaging ROP Beyond Fundus Photography  
Anand **VINEKAR**

### When Front and Back Collide: Managing Anterior Segment Surgery Complications

Come listen to key opinion leaders from around the world who will enlighten us on different situations that can occur when anterior and posterior segments collide. Their expertise and experience in managing anterior segment surgery complications will help make us better surgeons.

14:00 - 15:30 **Venue: Banquet Hall**

Chair(s): Andrew **CHANG**, Ferenc **KUHN**, Kian Seng **LIM**

14:00 VR Complications of Glaucoma Surgeries  
Lawrence **LEE**

14:10 Management of Glaucoma Caused by Retinal Detachment Surgery  
Vijaya **LINGAM**

14:20 Choroidal Effusion  
Kian Seng **LIM**

14:30 Suprachoroidal Hemorrhage  
Ferenc **KUHN**

14:40 Management of PC Rupture During Phaco Surgery  
Dennis **LAM**

14:50 Management of Dislocated IOL  
Andrew **CHANG**

15:00 Aphakia Correction in the Setting of IOL Dislocation  
Min **KIM**

15:10 Posterior Segment Surgery in the Presence of Corneal Pathology  
Shamala **RETNASABAPATHY**

15:20 Questions and Answers

### Masterclass in Ocular Oncology

Prompt and accurate diagnosis is of the utmost important in managing cases of intraocular tumors. This masterclass session will showcase a series of lectures encompassing common

retinal and choroidal tumors as well as imaging techniques and treatment of complications often presenting to general ophthalmologists. It will be a session not to be missed!

14:00 - 15:30 **Venue: Room 304 & 305**

Chair(s): Roslin Azni Abdul **AZIZ**, Heinrich **HEIMANN**, Duangnarte **ROJANAPORN**

14:00 Common Benign Lesions in Ocular Oncology Practice  
Heinrich **HEIMANN**

14:10 Retinal Vascular Tumors  
Duangnarte **ROJANAPORN**

14:20 Imaging in Ocular Tumors  
Lingam **GOPAL**

14:30 Nodular Posterior Scleritis Mimicking Intraocular Tumors: Clinical Characteristics and Diagnostic Criteria  
Mandeep **SAGOO**

14:40 Treatment and Prevention of Radiation Maculopathy Following Treatment of Uveal Melanoma  
William **MIELER**

14:50 Common Choroidal Tumors: Benign and Malignant  
Vikas **KHETAN**

15:00 Lesions that Can Simulate Retinoblastoma  
Rong **LU**

15:10 Paraneoplastic Syndrome  
Tharikarn **SUJIRAKUL**

### Others

### Keshmahinder Singh Lecture and APVRS International Award Lecture

10:00 - 10:40 **Venue: Banquet Hall**

Chair(s): Ian **CONSTABLE**, Taraprasad **DAS**, Kenneth **FONG**

10:00 Keshmahinder Singh Lecture: Vitreoretinal Surgery—An Unexpected Adventure  
Andrew **CHANG**







- 10:20 APVRS International Award Lecture:  
Revolution in Diabetic Retinopathy  
Management—A Race Against Time  
*Neil BRESSLER*

### Retina (Medical)

#### Controversies, Challenges, and Evidence on Management of Diabetic Retinopathy Including DME

Diabetes remains the biggest health issue facing ophthalmologists in the Asia-Pacific, so this is an essential symposium for all ophthalmologists. It will cover screening strategies for diabetic retinopathy, current and emerging treatments for diabetic macula edema, and the latest updates from the DRCR Network trials in the United States.

08:30 - 10:00 **Venue: Banquet Hall**

*Chair(s): Neil BRESSLER, Nor Fariza NGAH, Tien-Yin WONG*

- 08:30 Factors Associated With Worsening PDR Following PRP or Anti-VEGF  
*Susan BRESSLER*
- 08:40 Challenges in Diabetic Retinopathy Screening at a National Level  
*Nor Fariza NGAH*
- 08:50 Can Artificial Intelligence Technology Be Used for DR Screening?  
*Tien-Yin WONG*
- 09:00 Is There Still a Role for Laser in DME?  
*Xiaoling LIU*
- 09:10 Role of Inflammation in DME  
*Jayakrishna AMBATI*
- 09:20 How to Treat Anti-VEGF Non-Responders in DME  
*Jay CHHABLANI*
- 09:30 Modified Triamcinolone for DME  
*Susan MALINOWSKI*
- 09:40 Updates from the DRCR Network Trials Relevant to DME  
*Neil BRESSLER*

#### Advances in PCV Management

The importance of polypoidal choroidal vasculopathy (PCV) as a distinct subset of age-related macular degeneration among Asians is now established. This symposium will discuss the latest in pathophysiology, additional diagnostic modalities, and various treatment options available in the optimal management of patients with PCV. The 2-year results of both the EVEREST 2 and PLANET trials will also be announced at this meeting. This session will provide the best summary of the state-of-art in PCV.

11:00 - 12:30 **Venue: Banquet Hall**

*Chair(s): Adrian KOH, Shibo TANG, Jun Shyan WONG*

- 11:00 Pachychoroidopathy: An Overview  
*Seung Young YU*
- 11:10 PCV: Prevalence and Diagnosis  
*Tock Han LIM*
- 11:20 Use of OCTA in PCV  
*Oh Woong KWON*
- 11:30 EVEREST 2 Trial: 2-Year Results  
*Adrian KOH*
- 11:40 PLANET Trial: 2-Year Results  
*Yuichiro OGURA*
- 11:50 Other Recent PCV Trials  
*Shibo TANG*
- 12:00 Panel Discussion: How to Incorporate Recent Trial Results into Real Life
- 12:10 Case 1  
*Jun Shyan WONG*
- 12:20 Case 2  
*Won Ki LEE*

#### Other Maculopathies

During this symposium, retinal experts from Asia-Pacific countries will present on various types of maculopathies, with a focus on non-age-related macular degenerations, central serous chorioretinopathy, Mactel, and so on. It will include exciting reviews and updates





for all. The latest approaches and strategies in managing different types of maculopathies will be discussed.

14:00 - 15:30 **Venue: Hall 3**

Chair(s): Mark **GILLIES**, Soon Hyun **KIM**, Hon Seng **WONG**

14:00 Pachychoroid Spectrum Diseases  
Paisan **RUAMVIBOONSUK**

14:11 Subthreshold Laser for CSCR  
Lihteh **WU**

14:22 SRT with R:GEN for CSCR  
Soon Hyun **KIM**

14:33 Mactel  
Mark **GILLIES**

14:54 Vitelliform Maculopathy  
Ranjana **MATHUR**

15:05 Practical Tips for Detecting Macular Dystrophies Early  
Hon Seng **WONG**

15:16 Drug-Induced Maculopathies  
Giridhar **ANANTHARAMAN**

### Retinal Vein Occlusion

Retinal vein occlusion is the second most common retinal vascular disease and is growing in incidence. This symposium will cover the different treatment options including anti-VEGF, steroids, long-acting devices, laser anastomoses, and robotic eye surgery. It is an essential update session for all ophthalmologists.

16:00 - 17:30 **Venue: Hall 3**

Chair(s): Kenneth **FONG**, Ian **MCALLISTER**, Xinyuan **ZHANG**

16:00 Ranibizumab and Aflibercept for RVO. What Is the Ideal Regimen?  
Susan **BRESSLER**

16:10 Conbercept for RVO  
Xinyuan **ZHANG**

16:20 Avastin and Zaltrap for RVO  
Raja **NARAYANAN**

16:30 Steroids for RVO  
Mark **GILLIES**

16:40 Switching Therapy in RVO  
Hyung Chan **KIM**

16:50 Long-Acting Drug Delivery Systems  
Jennifer **KANG-MIELER**

17:00 Robot-Assisted Retinal Vein Cannulation for RVO  
Peter **STALMANS**

17:10 Laser-Induced Chorioretinal Anastomosis  
Ian **MCALLISTER**

### Masterclass in Electrophysiology

Do you know how your patients can benefit from visual electrophysiology tests? Come to this masterclass aimed at fellows, trainees, and general ophthalmologists and run by experts in the field. It will cover the basics as well as clinical applications of visual electrophysiology, which will be useful in providing the right clinical input for the care of your patient.

16:00 - 17:30 **Venue: Room 304 & 305**

Chair(s): Tara **GEORGE**, Graham **HOLDER**, Ranjana **MATHUR**

16:00 Introduction to Visual Electrophysiology  
Tara **GEORGE**

16:10 Introduction to PERG and VEP  
Graham **HOLDER**

16:25 Introduction to Full-Field and Multifocal ERG  
Ranjana **MATHUR**

16:40 Introduction to the EOG  
Audrey **CHIA**

16:50 ERG in the Pediatric Age Group  
Audrey **CHIA**

17:05 Clinical Application of ERG  
Graham **HOLDER**





## Retina (Surgical)

### Masterclass in Retinal Detachment Repair

Retinal detachment is one of the most challenging conditions facing retinal specialists. This masterclass aimed at fellows and trainees will be run by world-renowned experts and cover the management of various types of retinal detachment cases in a practical and informative manner. There will be ample time for questions and discussion. Don't miss this!

08:30 - 10:00 **Venue: Hall 3**

Chair(s): Zabri **KAMARUDDIN**, Tom **WILLIAMSON**,  
Doric **WONG**

- 08:30 U-Tear Retinal Detachment  
Zabri **KAMARUDDIN**
- 08:45 Round Hole Retinal Detachment in a  
Young Patient  
Ian **MCALLISTER**
- 09:00 Giant Retinal Tear  
Lik Thai **LIM**
- 09:15 Trauma-Related Retinal Detachment  
Doric **WONG**
- 09:30 Macular Hole-Related Retinal Detachment  
Masahito **OHJI**
- 09:45 PVR and Redetachments  
Tom **WILLIAMSON**

### X-treme VR Surgery for Complex Situations

This exciting session will cover advanced vitreoretinal surgery techniques in managing complex ocular situations like submacular hemorrhage, trauma, diabetic retinal detachment, and recurrent retinal detachment. The panel of experts will have videos and practical tips to share for all vitreoretinal surgeons.

08:30 - 10:00 **Venue: Room 302 & 303**

Chair(s): Giridhar **ANANTHARAMAN**, Kenneth  
**FONG**, Cyrus **SHROFF**

- 08:30 Managing Submacular Hemorrhage  
Jay **CHHABLANI**

- 08:43 Retinectomies in Complex Situations  
Manish **NAGPAL**
- 08:56 Complex Situations in Macula Surgery  
Chawla **SHOBHIT**
- 09:09 Vitreoschisis: How Not to Miss It  
Cyrus **SHROFF**
- 09:22 Pellet Ocular Trauma  
Sundaram **NATARAJAN**
- 09:35 Suprachoroidal Hemorrhage Drainage  
Techniques  
Subhendu **BORAL**
- 09:48 Bimanual Techniques in Complex Diabetic  
Tractional Retinal Detachments  
Giridhar **ANANTHARAMAN**

### The Vitreo-Macular Interface

The various pathologies affecting the macula have always been a treatment challenge for retinal surgeons around the world. In this symposium, our panel of esteemed speakers will discuss the various innovative and cutting-edge treatments to address these pathologies and help to improve visual outcomes for our patients.

11:00 - 12:30 **Venue: Hall 3**

Chair(s): Narendran **MUTHUKRISHNAN**, Sherman  
**VALERO**, Tom **WILLIAMSON**

- 11:00 Allogenic Lens Capsule Transplant for  
Macular Hole  
Peiquan **ZHAO**
- 11:10 The Versatile ILM  
Chawla **SHOBHIT**
- 11:20 Foveolar Architecture Reconstruction ILM  
Surgery of Traction Maculopathy  
Tzyy-Chang **HO**
- 11:30 Atypical Epiretinal Tissue and Macular  
Hole  
Se Woong **KANG**
- 11:40 What Is the Ideal Management of Optic  
Disc Pit Related Maculopathy?  
Mustafa **IQBAL**





- 11:50 Nonsurgical Treatment Options for Vitreomacular Traction  
*Peter* **STALMANS**
- 12:00 Is ILM Peeling Necessary in Epiretinal Membrane Surgery?  
*Tom* **WILLIAMSON**
- 12:10 Stem and Cell-Based Therapy for Macular Disease  
*Suber* **HUANG**

### Video Adventures in the Operating Room

As surgeons, we all have shared experiences at some point during our surgical career: adventures or misadventures in the operating room, from beginners to the very experienced, from the newly skilled to those with excellent dexterity. Nonetheless, every experience leaves us with valuable lessons learnt, which in most instances are not described in books. Don't miss this opportunity to learn from the experts: this exciting and interactive session will include valuable surgical pointers and helpful tips shared by our esteemed panel based on their own experiences.

16:00 - 17:30 **Venue: Banquet Hall**  
*Chair(s): Suber* **HUANG**, *Tengku Ain* **KAMALDEN**,  
*Masahito* **OHJI**

- 16:00 Conquering the Maze of PVR  
*Guruprasad* **AYACHIT**
- 16:07 Innovative Techniques in IOFB Removal  
*Subhendu* **BORAL**
- 16:14 Oil in the Orbit  
*Haslina* **ALI**
- 16:21 The Oil Pit  
*Gavin* **TAN**
- 16:28 Never Give It Up ... (Operating on a Phthisic Eye With LP Vision)  
*Ferenc* **KUHN**
- 16:35 Terson Syndrome With Diffuse Sub-ILM Hemorrhage and Circumferential Retinal Fold  
*Lu Chun* **WANG**

- 16:42 Management of the Inner Limiting Membrane in Macular Surgery  
*Sjakon* **TAHIJA**
- 16:49 Vitrectomy for Lamellar Holes  
*Suk H* **BYEON**
- 16:56 Vitrectomy for an Unusual Case of Pediatric Macular Hole  
*Wu* **LIU**
- 17:03 Acute ROP Retinal Detachment/ Vitrectomy in an Osteo-Odonto-Keratoprosthesis (OOKP) Eye  
*Sui Chien* **WONG**
- 17:10 Tips for 25-Gauge Vitrectomy for Giant Retinal Tear Associated Retinal Detachment  
*Yusuke* **OSHIMA**
- 17:17 Management of Late Onset Intrusion of a Swollen Hydrogel Buckle  
*Gregg* **KOKAME**
- 17:24 Tips, Tricks, & The Unpredictable ...  
*Nuttawut* **RODANANT**

**Dec 10, 2017 (Sun)**

### Medical and Surgical Retina

#### Posterior Segment Issues in Cataract Surgery

The posterior segment is often a "no fly zone" for the anterior segment surgeon but on occasion, co-existing diseases or complications during (or after) cataract surgery will be encountered as well. This symposium brings together a stellar panel of speakers who will provide valuable insights and management pearls for when such scenarios arise.

08:30 - 10:00 **Venue: Banquet Hall**  
*Chair(s): Mun Wai* **LEE**, *Manish* **NAGPAL**, *Iwan* **SOVANI**

- 08:30 Secrets to Performing Anterior Vitrectomy  
*Somdutt* **PRASAD**
- 08:40 Management of the Dropping Nucleus  
*Sherman* **VALERO**







- 08:50 Prevention and Management of Endophthalmitis  
*Narendran MUTHUKRISHNAN*
- 09:00 Retinal Detachment and Cataract Surgery  
*Shu Yen LEE*
- 09:10 Diabetic Retinopathy/Maculopathy and Cataract Surgery  
*Mun Wai LEE*
- 09:20 Anti-VEGF vs Triamcinolone for DME in Cataract Surgery  
*Salmaan AL-QURESHI*
- 09:30 Age-Related Macular Degeneration and Cataract Surgery  
*Iwan SOVANI*
- 09:40 Cataract Surgery Considerations After Retinal Surgery  
*Warapat WONGSAWAD*
- 09:50 Combined Cataract Surgery With Pars Plana Vitrectomy  
*Yun LI*

### Advances in Ocular Oncology

Ocular oncology is a relatively new, highly specialized field of ophthalmology in Malaysia. Intraocular tumors are often referred and managed by retinal specialists. This symposium will provide a wide coverage of topics from diagnostic and treatment dilemmas to treatment and investigative updates of various intraocular tumors by world-renowned speakers.

08:30 - 10:00 **Venue: Room 304 & 305**

*Chair(s): Roslin Azni Abdul AZIZ, Duangnarte ROJANAPORN, Mandeep SAGOO*

- 08:30 Indications and Techniques for Choroidal Biopsy of Intraocular Tumors  
*William MIELER*
- 08:40 Resection of Choroidal Melanoma  
*Heinrich HEIMANN*

- 08:50 Plaque Brachytherapy in Developing Countries  
*Lingam GOPAL*
- 09:00 Diagnosis and Management of Intraocular Lymphoma  
*Hiroshi GOTO*
- 09:10 Masquerade Syndromes in Adults: How to Differentiate Granulomas From Melanomas  
*Roslin Azni Abdul AZIZ*
- 09:20 Role of Genetic Testing in Retinoblastoma  
*Vikas KHETAN*
- 09:30 Group D Retinoblastoma: What Treatment to Choose?  
*Mandeep SAGOO*
- 09:40 Masquerade Syndrome in Children: Practical Points for Retinal Specialists  
*Duangnarte ROJANAPORN*

### Pediatric Retina

This session will focus on retinal disorders found primarily in the pediatric population with an emphasis on diagnosis, investigation, and management. There will be internationally acclaimed speakers broaching these challenging and rare conditions. Many novel concepts and results will be presented in the field of pediatric retina, which is not often covered at other conferences.

14:00 - 15:30 **Venue: Hall 3**

*Chair(s): R.V. Paul CHAN, Xiaoyan DING, Mano SHUNMUGAM*

- 14:00 PFV: A New Classification Based on Doppler Imaging  
*Xiaoyan DING*
- 14:10 Management of Retinal Detachment in Disc Anomalies  
*Wai Ching LAM*
- 14:20 Retinoschisis-Related Retinal Detachments  
*Lingam GOPAL*





- 14:30 Utility and Safety of Fluorescein Angiography in Pediatric Patients  
*R.V. Paul CHAN*
- 14:40 FEVR and Other Exudative Vitreoretinopathies  
*Gavin TAN*
- 14:50 Management of Retinal Detachment in Coats Disease  
*Hai LU*
- 15:00 Acute ROP Retinal Detachment: UK National Outcomes of Endoscopic Vitrectomy in 51 Consecutive Eyes  
*Sui Chien WONG*
- 15:10 A Few Tips to Avoid Pediatric Retina Surgery Disasters  
*Andreas LAUER*
- 15:20 Questions and Answers

#### Others

#### APVRS Constable Lecture and APVRS Practice Trends Survey Report

- 10:00 - 10:40 **Venue: Banquet Hall**  
*Chair(s): Andrew CHANG, Xiaoxin LI, Nor Fariza NGAH*
- 10:00 APVRS Constable Lecture: Management of Choroidal Neovascularization Due to Uncommon Causes—What We Know and What We Don't Know  
*Timothy LAI*
- 10:20 APVRS Trends Survey Results  
*Jay CHHABLANI*
- 10:30 APVRS Retinal Detachment Audit Project Proposal  
*Taiji SAKAMOTO*

#### Retina (Medical)

#### Diagnostic Dilemmas in Acute Uveitis: A Case-Based Approach

The work-up of a patient with acute uveitis can often be challenging for ophthalmologists. This

symposium will take a systematic approach to solving the complexities behind various scenarios of acute uveitis. Don't miss this stimulating session with experts from around the world who will share their expertise and experience in unraveling the diagnoses of common yet challenging cases.

#### 08:30 - 10:00 **Venue: Hall 3**

*Chair(s): Lyndell LIM, Shelina Oli MOHAMED, Shwu-Jiuan SHEU*

- 08:30 Recurrent Anterior Uveitis  
*Peter MCCLUSKEY*
- 08:45 Acute, Dense Vitritis in Posterior/Panuveitis  
*Harvey UY*
- 09:00 Posterior/Panuveitis in the Immunocompromised Patient  
*Lyndell LIM*
- 09:15 Multifocal Choroiditis and Retinal Vasculitis  
*Tajunisah IQBAL*
- 09:30 The Masquerader  
*Shwu-Jiuan SHEU*
- 09:45 The Child With Panuveitis  
*John GONZALES*

#### Comprehensive Updates on Posterior and Panuveitis Management

There is a unique geographical variation in the pattern of posterior and panuveitis entities in the Asia-Pacific region. This symposium will bring together the diverse manifestation of posterior and panuveitis in the region, highlighting emerging entities while providing comprehensive and exciting updates on imaging, diagnosis, and management of already established entities.

#### 11:00 - 12:30 **Venue: Hall 3**

*Chair(s): Shelina Oli MOHAMED, Narsing RAO, Somsiri SUKAVATCHARIN*

- 11:00 Emerging Posterior Infectious Uveitis Entities in the Asia-Pacific Region  
*Kalpna Babu MURTHY*





- 11:10 Imaging for Diagnosis of Posterior and Panuveitis  
*Hyeong Gon YU*
- 11:20 Challenges in the Diagnosis of Tuberculous Posterior Uveitis  
*Shelina Oli MOHAMED*
- 11:30 Current Management of Acute and Chronic Vogt-Koyanagi-Harada Disease  
*Somsiri SUKAVATCHARIN*
- 11:40 Controversies in Management of Viral Retinitis  
*Ian WONG*
- 11:50 Demystifying Diagnosis and Treatment of Retinal Vasculitis  
*Narsing RAO*
- 12:00 Behcet Disease: Stepladder Approach to Management  
*Hiroshi GOTO*
- 12:10 Improving Outcomes in Endogenous Endophthalmitis  
*Dean ELIOTT*

### Masterclass in Retinal Imaging

Noninvasive imaging is the latest buzzword in the field of retinal imaging. This masterclass will bring participants face to face with the latest in optical coherence tomography (OCT), OCT angiography (OCTA), digital photography, and angiography by covering the basics of imaging modalities, abilities, how they work together, and what is more recently available. Through a series of lectures and case studies, participants will develop confidence in the mastery of retinal imaging.

11:00 - 12:30 **Venue: Room 304 & 305**

*Chair(s): Mae Lynn BASTION, Srinivas SADDA, Colin TAN*

- 11:00 Basics of OCT Technology  
*Zunaina EMBONG*
- 11:15 Common Errors in OCT Interpretation  
*Gemmy CHEUNG*

- 11:30 Pearls and Pitfalls for Interpreting Fundus Autofluorescence and Widefield Imaging  
*Srinivas SADDA*
- 11:45 Overview of Dye-Based Angiography (FA + ICG): Finetuning Your Interpretation  
*Colin TAN*
- 12:00 Case Presentation and Panel Discussion  
*Mae Lynn BASTION*  
*Choi Mun CHAN*  
*Srinivas SADDA*  
*Colin TAN*

### Mystery Retina Cases

This session will involve interactive discussion of interesting retinal cases from around the world. See how the experts come to a diagnosis and discuss these challenging and rare conditions.

14:00 - 16:00 **Venue: Banquet Hall**

*Chair(s): Tara GEORGE, William MIELER, Paisan RUAMVIBOONSUK*

- 14:00 Mystery Retina Case 1  
*Yuichiro OGURA*
- 14:07 Mystery Retina Case 2  
*Tara GEORGE*
- 14:14 Mystery Retina Case 3  
*Shih Jen CHEN*
- 14:21 Mystery Retina Case 4  
*Prut HANUTSAHA*
- 14:28 Mystery Retina Case 5  
*Rajeev PAPPURU*
- 14:33 Mystery Retina Case 6  
*Kyu-Hyung PARK*
- 14:40 Mystery Retina Case 7  
*Fang LU*
- 14:47 Mystery Retina Case 8  
*Paisan RUAMVIBOONSUK*
- 14:54 Mystery Retina Case 9  
*Anna TAN*
- 15:01 Mystery Retina Case 10  
*Salmaan AL-QURESHI*





15:08 Mystery Retina Case 11  
*Pearse KEANE*

15:22 Mystery Retina Case 12  
*Srinivas SADDA*

15:36 Mystery Retina Case 13  
*William MIELER*

### Masterclass in PCV

Polypoidal choroidal vasculopathy (PCV) is a uniquely Asian retinal problem. This masterclass run by world-renowned experts in this area is suitable for all ophthalmologists who want an overview of the diagnosis and treatment of PCV.

14:00 - 15:30 **Venue: Room 304 & 305**  
*Chair(s): Tomohiro IIDA, Won Ki LEE, Nor Fariza NGAH*

14:00 What Is PCV?  
*Won Ki LEE*

14:15 How to Diagnose PCV  
*Tock Han LIM*

14:30 Treatment of PCV  
*Timothy LAI*

14:45 What's New?  
*Colin TAN*

15:00 Case Presentations and Panel Discussion  
*Tomohiro IIDA*  
*Min KIM*  
*Nor Fariza NGAH*  
*Yoko OZAWA*

### Retina (Surgical)

### Advances in the Management of Retinal Detachment

This session is diverse. From conventional scleral buckle, but with a twist, it will also touch on the apparently simple removal of oil but with

a concrete basis. Management of complicated but common surgeries will be addressed and the latest method of endoscopic surgery discussed. Prominent speakers will also cover disease pathophysiology and issues related to drug toxicity. There will be an intriguing discussion at the end.

11:00 - 12:30 **Venue: Banquet Hall**  
*Chair(s): Haslina ALI, Heinrich HEIMANN, Xiaoxin LI*

11:00 Scleral Buckling With Chandelier Illumination  
*Haslina ALI*

11:10 The Suitable Method to Remove Silicone Oil Based Upon a Scientific Approach  
*Taiji SAKAMOTO*

11:20 The Mechanism of Photoreceptor Degeneration in Detached Macula From Rhegmatogenous Retinal Detachment  
*Young Hee YOON*

11:30 Overview of Heavy Liquids and Issues With Toxicity  
*Heinrich HEIMANN*

11:40 Management of Retinal Detachment for Paravascular Abnormality-Related Retinal Breaks in High Myopia  
*Chung-May YANG*

11:50 Endoscopic Retinal Detachment Surgery in Vietnam National Institute of Ophthalmology: Advantages and Disadvantages  
*Dang Tran DAT*

12:00 Scleral Buckle in the Vitrectomy Era  
*Arief KARTASASMITA*

12:10 Analysis of Failed Retinal Detachments  
*Philip POLKINGHORNE*









# Submitted Program

SUBMITTED PROGRAM







## FREE PAPERS

Dec 08, 2017 (Fri)

Retina (Medical)

### Rapid Fire Medical Retina Session 1

08:30 - 10:00 **Venue: Room 304 & 305**

Chair(s): Jay **CHHABLANI**, Hanizasurana **HASHIM**

08:30 Evaluation of Polyp Status and Predictors of Complete Polyp Regression Over 12 Months in the EVEREST II Study  
*Colin TAN*

08:37 Comparison of Ranibizumab and Aflibercept in Patients With Neovascular Age-Related Macular Degeneration Treated Following a "Treat and Extend" Protocol: Efficacy Variables From the Prespecified 12-Month Interim Analysis of the RIVAL Study  
*Ian MCALLISTER*

08:44 1-Year Outcomes of Ranibizumab 0.5 mg in Treatment-Naïve Asian Patients With Polypoidal Choroidal Vasculopathy: Results From the Real-World LUMINOUS Study  
*Adrian KOH*

08:51 RG7716: A Novel Bispecific Anti-VEGF/ Anti-Angiopoietin-2 Monoclonal Antibody for Neovascular Age-Related Macular Degeneration and Diabetic Macular Edema  
*Timothy LAI*

08:58 Ranibizumab With or Without Verteporfin Photodynamic Therapy for Polypoidal Choroidal Vasculopathy: Anatomical Outcomes Over 12 Months in the EVEREST II Study  
*Timothy LAI*

09:05 Ranibizumab With or Without Verteporfin Photodynamic Therapy for Polypoidal Choroidal Vasculopathy: Predictors of Visual Acuity Gains in the EVEREST II Study  
*Gemmy CHEUNG*

09:12 Analysis of HtrA1/ARMS2 and CFH Gene Polymorphisms With Susceptibility to Neovascular Age-Related Macular Degeneration in Yogyakarta Indonesia: Preliminary Data  
*Supanji SUPANJI*

09:19 Choroidal Vascularity Under Pigment Epithelial Detachment in Polypoidal Choroidal Vasculopathy and Age-Related Macular Degeneration  
*Danny NG*

09:26 5-Year Outcomes of Polypoidal Choroidal Vasculopathy in Unaffected Fellow Eyes  
*Eung Suk KIM*

09:33 Incidence and Risk Factors of Massive Subretinal Hemorrhage in Retinal Angiomatous Proliferation  
*Jae Hyung LEE*

09:40 Changes of Choroidal Thickness in PCV Patients After Combination Therapy of Intravitreal Ranibizumab and PDT  
*Bojun ZHAO*

09:47 Randomized, Open-Label Study to Evaluate 2 Intravitreal Aflibercept Treat-and-Extend Dosing Regimens in Wet Age-Related Macular Degeneration: 52-Week Outcomes From ALTAIR  
*Masahito OHJI*

09:54 Polypoidal Choroidal Vasculopathy Subtypes and the Angiographic Factors Affecting Long-Term Visual Outcomes  
*Colin TAN*







## Rapid Fire Medical Retina Session 2

14:00 - 15:30 **Venue: Room 304 & 305**

*Chair(s): Suber HUANG, Mushawiahti MUSTAPHA*

- 14:00 Gender Variations in Central Serous Chorioretinopathy  
*Sankeert GANGAKHEDKAR*
- 14:06 Efficacy of Primary Intravitreal Ranibizumab for Treatment of Retinopathy of Prematurity in China  
*Jing FENG*
- 14:12 Serum Aldosterone Levels in Central Serous Chorioretinopathy Patients  
*Yuying JI*
- 14:18 Relationship Between Microvascular Abnormalities on Optical Coherence Tomography Angiography and Microstructure in Eyes With Branch Retinal Vein Occlusion  
*Takeshi IWASE*
- 14:24 Characteristics of Optical Coherence Tomography in Central Serous Chorioretinopathy  
*Dipak NAG*
- 14:30 Retinopathy of Prematurity: Incidence, Risk Factors, and Evaluation of Screening Criteria in a Northeast China Population  
*Ma XIANG*
- 14:36 Disorganization of Retinal Inner Layers and Ellipsoid Zone Disruption Predict Vision Outcomes in Central Retinal Vein Occlusion Macular Edema  
*Errol CHAN*
- 14:42 Outcomes of Telescreening for Retinopathy of Prematurity in Rural South India  
*Narendran VENKATAPATHY*
- 14:48 A Potential Treatment Modality in Central Serous Chorioretinopathy: Transpupillary Thermotherapy  
*Durgesh KUMAR*

- 14:54 Outcomes After Intravitreal Bevacizumab Versus Laser Photocoagulation for Retinopathy of Prematurity: A 5-Year Retrospective Analysis  
*Tariq ALI*
- 15:00 Clinical Outcomes of Reduced-Fluence Photodynamic Therapy for Symptomatic Subfoveal Retinal Pigment Epithelial Detachment in Central Serous Chorioretinopathy  
*Jun Won JANG*
- 15:07 Multifocal Electroretinography Assisted Evaluation of Conservative Management Versus Subthreshold Laser in Acute Central Serous Chorioretinopathy  
*Aanchal MEHTA*
- 15:13 Rupture of Choriocapillario-Bruch Membrane-Retinal Pigment Epithelium Complex Originating in Lacquer Crack Leads to Simple Subretinal Bleeding in High Myopia  
*Lan MI*

## Retina (Surgical)

## Rapid Fire Surgical Retina Session 1

11:00 - 12:30 **Venue: Room 304 & 305**

*Chair(s): Kian Seng LIM, Peiquan ZHAO*

- 11:00 Endoscopy-Guided Vitrectomy in Eyes With Corneal Opacification  
*Mudit TYAGI*
- 11:06 ILM Peel and Filling the Optic Disc Pit With Homologous Whole Blood for Treatment of Serous Macular Detachment Secondary to Optic Disc Pit  
*Hussain KHAQAN*
- 11:12 Clinical Experience With Tenecteplase in Various Ophthalmic Pathologies  
*Wen Yee LEE*





- 11:18 Surgical Outcomes Following Inverted Internal Limiting Membrane Flap Versus Conventional Peeling for Very Large Macular Holes  
*Raja **NARAYANAN***
- 11:24 Small Gauge Vitrectomy for Advanced Diabetic Eye Disease: Outcome and Predictive Factors for Postoperative Poor Vision  
*Ainal **NAFFI***
- 11:30 Sustained-Release Dexamethasone (Ozurdex) Intravitreal Implant for Persistent Macular Edema After Epiretinal Membrane Peeling Surgery  
*Wen-Chuan **WU***
- 11:36 Effect of Macular Displacement on Structural and Functional Outcomes After Epiretinal Membrane Surgery  
*Aylin **KARALEZLI***
- 11:42 Modification of Segmental Scleral Buckling Surgery With Minimal In Situ Conjunctival Incision and Translimbal Traction Suture  
*Lei **GAO***
- 11:48 En-Face Spectral-Domain Optical Coherence Tomography Characteristics of the Inner Retinal Surface After Internal Limiting Membrane Peeling for Macular Hole  
*Neha **GOEL***
- 11:54 3D MRI-Guided Macular Buckle for Myopic Macular Retinoschisis  
*Xuemin **JIN***
- 12:00 Sutureless Intrasccleral Posterior Chamber Intraocular Lens Fixation Under 27-Gauge Pars Plana Vitrectomy  
*Jiannan **LIU***
- 12:06 Conbercept-Assisted Vitrectomy for Severe Proliferative Diabetic Retinopathy  
*Junjie **YE***
- 12:12 Gli1 Expression in Human Epiretinal Membranes  
*Sohee **JEON***

## Rapid Fire Surgical Retina Session 2

16:00 - 17:30 **Venue: Room 304 & 305**

*Chair(s): Se Woong **KANG**, Angela **LOO***

- 16:00 Outcomes, Predictive Factors for Redetachment at 6 Months, and Comparison of EuroQol Quality of Life Index at Baseline and 6 Months Following Removal of Silicone Oil in Complex Retinal Detachment Repairs  
*Thushara **KALUARACHCHIGE***
- 16:07 Intraoperative OCT-Assisted Vitreoretinal Surgery With Fovea-Sparing Internal Limiting Membrane Peeling for Myopic Traction Maculopathy: Our Experience  
*Raghav **RAVANI***
- 16:14 Multilayered Inverted Internal Limiting Membrane Flap in the Surgical Repair of Large Macular Holes  
*Shrinivas **JOSHI***
- 16:21 Outcomes After Cataract Surgery in Patients With Neovascular Age-Related Macular Degeneration  
*Mark **GILLIES***
- 16:28 Strategy for the Treatment of Uncomplicated Retinal Detachment: Japan Retina Vitreous Society Registry System  
*Koichi **NISHITSUKA***
- 16:35 Breaking the Rules in Macular Hole Surgery  
*Aneesha **LOBO***
- 16:42 Spectral Domain OCT Imaging of the Fellow Eye of Idiopathic Full Thickness Macular Holes  
*Unnikrishnan **NAIR***
- 16:49 Japan Retina Vitreous Society Registry System of Retinal Detachment  
*Masahito **OHJI***
- 16:56 Comparative Study of the Efficiency of Intravitreal Injection of Conbercept With Macular Photocoagulation for Macular Edema Secondary to Branch Retinal Vein Occlusion  
*Guangfeng **LIU***





- 17:03 The Efficacy of 0.75% Levobupivacaine Versus 0.75% Ropivacaine With Fentanyl for Peribulbar Anesthesia in Vitreoretinal Surgery  
*Sushil PATIL*
- 17:10 Lamellar Macular Hole Surgery Using Different Techniques: A Comparative Study  
*Kshitiz KUMAR*
- 17:17 Buckle With No Buckle in Retinal Detachment: A New Minimally Invasive 360-Degree Scleral Encircling Sans Segmental Buckling  
*Mariam DOCTOR*

**Dec 09, 2017 (Sat)**

**Intraocular Inflammation, Uveitis & Scleritis**

**Rapid Fire Medical Retina and Uveitis Session**

11:00 - 12:30 **Venue: Room 302 & 303**

*Chair(s): Tajunisah IQBAL, Peter MCCLUSKEY*

- 11:00 Comparison of Oxidative Stress Marker Levels Among Patients With Type 2 Diabetes Mellitus and Correlation With HbA1c  
*Kiu HAN*
- 11:06 A Study of Macular Ganglion Cell Complex Thickness in Type 2 Diabetes in a South Indian Population  
*Sangeetha SEKARAN*
- 11:12 NLRP3 Inflammasome Is Activated in Peripheral Mononuclear Blood Cells of Patients With Diabetic Retinopathy  
*Hui CHEN*
- 11:18 Corticosteroid Tapering Success With Every-Other-Month Intravitreal Sirolimus for Noninfectious Uveitis of the Posterior Segment: Results of the SAKURA Program  
*Kalpana Babu MURTHY*

- 11:24 Blood 25-Hydroxyvitamin D Levels and Diabetic Retinopathy in Koreans  
*Donghyun JEE*
- 11:30 Sympathetic Ophthalmia in the Pediatric Population  
*Mohit DOGRA*
- 11:36 Study of Diverse Spectrum of Isolated Ocular Tuberculosis From Urban Population of Same Area  
*Shamik MOKADAM*
- 11:42 Changing Trends in the Etiology of Exogenous Endophthalmitis: Is This a Paradigm Shift?  
*Jane FOO*
- 11:48 Correlation of Panoramic Optical Coherence Tomography Angiography Characteristics of Active and Healing Serpiginous-Like Choroiditis With Indocyanine Green Angiography  
*Rakesh JUNEJA*
- 11:54 Endogenous Endophthalmitis Complicated by Pyogenic Liver Abscess: A Review of 9 Years' Experience  
*Lei GAO*
- 12:00 Clinical Characteristics and Risk Factors of Retinopathy, Macular Edema, and Retinal Neurodegeneration in Type 2 Diabetes Mellitus  
*Kunho BAE*
- 12:06 Macular Changes in Diabetic Patients After Phacoemulsification Treated With Monotherapy Sodium Diclofenac 0.1%  
*Sindy SEMBIRING*
- 12:12 Associations Between Visual Acuity and Retinal Microvascular Parameters Measured With Optical Coherence Tomography Angiography in Patients With Diabetic Macular Edema  
*Yi-Ting HSIEH*





12:18 Prevalence of Dengue-Related Fundus and Macular Optical Coherence Tomography Findings Among Inpatients at a Regional Referral Hospital  
*Mee Ai LOH*

**Retina (Medical)**

**Rapid Fire Medical Retina Session 3**

08:30 - 10:00 **Venue: Room 304 & 305**  
*Chair(s): Zunaina EMBONG, Chi-Chun LAI*

08:30 Morphometric Analysis of Multimodal Imaging Features After Intravitreal Ziv-Aflibercept in Chorioretinal Disorders  
*Jay SHETH*

08:36 Optical Coherence Tomography Protocols for Screening of Hydroxychloroquine Retinopathy in Asian Patients  
*Seong Joon AHN*

08:42 Novel Autofluorescence Patterns in Stargardt Macular Dystrophy Using Ultra-Widefield Imaging  
*Vinod KUMAR*

08:48 Low Doses of Hydroxychloroquine Are Safe to the Retina  
*Dan SONG*

08:54 The Effect on Macular Pigment Optical Density in Breast Cancer Patients on Tamoxifen  
*I-Liang LIM*

09:00 Prognostic Factor Analysis of Intraocular Pressure in Neovascular Glaucoma With Different Diseases  
*Ma XIANG*

09:06 Evaluation of the Progression Rate of Atrophy Lesions in Punctate Inner Choroidopathy Based on Autofluorescence Analysis  
*Rui HUA*

09:13 Early Effects of External Beam Radiotherapy on Retina and Other Ocular Structures  
*Michael CHENG*

09:19 Long-Term Outcome of 36G EBRT in Advanced Retinoblastoma  
*Nidhee JAIN*

09:25 Dark Signals in the Choroidal Vasculature on Optical Coherence Tomography Angiography: An Artefact or Not?  
*Rui HUA*

09:31 Intravitreal Dexamethasone Implant Position In Situ and Ocular Hypertension  
*Aditya SUDHALKAR*

09:37 Comparative Study of the Efficiency of Subthreshold Micropulse Photocoagulation Combined With Intravitreal Injection of Conbercept for Macular Edema Secondary to Branch Retinal Vein Occlusion  
*Guangfeng LIU*

09:43 Relationship Between Mean Platelet Volume and Central Retinal Vein Occlusion in Hypertensive Patients  
*Diva MISRA*

09:49 Ultra-Widefield Imaging of Retinal Capillary Hemangioblastomas  
*Pradeep KUMAR*







## POSTERS

### Intraocular Inflammation, Uveitis & Scleritis

#### Poster No.: EX1-001

##### **Klebsiella Endogenous Endophthalmitis: A Review of Cases**

First Author: Jane **FOO**

Co-Author(s): Jay **CHANDRA**, Adrian T **FUNG**

#### Poster No.: EX1-002

##### **A Case of Ampiginous Choroiditis**

First Author: Seunghye **LEE**

Co-Author(s): Hyungu **KANG**

#### Poster No.: EX1-003

##### **Akurit 4 Related Toxic Neuropathy**

First Author: Nur Aliah **HASSAN**

#### Poster No.: EX1-004

##### **Disc Neovascularization in Vogt-Koyanagi-Harada Disease: A Case Report**

First Author: Jennifer Joy **SANTOS-RAYOS**

#### Poster No.: EX1-005

##### **Ocular Meliodosis: The Diagnostic Dilemma**

First Author: Nur Nadia **AHMAD TARMIZI**

Co-Author(s): Rosiah **MUDA**, Nor Anita **CHE OMAR**, Zuraidah **MUSTARI**

#### Poster No.: EX1-006

##### **Prognostic Factors for Successful Treatment in Patients With Ocular Tuberculosis**

First Author: Puttiya **KAEWKORN**

Co-Author(s): Somsiri **SUKAVATCHARIN**

#### Poster No.: EX1-007

##### **The Prognostic Factors of Infectious Endophthalmitis Over the Past Decade**

First Author: Eunyoung **CHOI**

Co-Author(s): Min **KIM**

#### Poster No.: EX1-069

##### **A Case of Primary Central Nervous System Lymphoma With Ciliary Body Involvement**

First Author: Mengda **LI**

#### Poster No.: EX1-070

##### **Multimodal Correlation With Adaptive Optics Imaging in Choroiditis**

First Author: Rajeev **PAPPURU**

Co-Author(s): Ruchi **CHOUDHARY**, Utkarsha **DASAMANTARAO**, Sanjay **KUMAR**, Mudit **TYAGI**, Kiran **VUPPARABOINA**

#### Poster No.: EX1-073

##### **Successfully Treated Concomitant Worm and Bartonella spp Infection of the Eye: A Case Report**

First Author: Siti Khadijah **ABDUL RAHMAN**

Co-Author(s): Nor Azita **AHMAD TARMIDZI**, Norwazilah **MOHD ANSUL**, Azhany **YAAKUB**

#### Poster No.: EX1-074

##### **Serology-Negative Toxoplasma Granuloma: Are They Really Rare Today?**

First Author: Mayuresh **NAIK**

Co-Author(s): Brahmprakash **GULIANI**, Sandeep **KUMAR**, Anurag **NARULA**

#### Poster No.: EX1-076

##### **Tuberous Sclerosis and the Ophthalmological Work-Up: Can a Peripapillary Astrocytoma Masquerade as Myelinated Nerve Fibers?**

First Author: Sandeep **KUMAR**

Co-Author(s): Brahmprakash **GULIANI**, Mayuresh **NAIK**, Anurag **NARULA**

#### Poster No.: EX1-077

##### **A Case Report on Reactivation of Ocular Tuberculosis**

First Author: Nurul Shima **ISMAIL**

Co-Author(s): Kiet Phang **LING**, Haslina **MOHD ALI**, Nik Nurfarhana **NIK MOHD NOOR**, Wee Min **TEH**

#### Poster No.: EX1-078

##### **Case Report: Two Patients With Multiple Evanescent White Dot Syndrome**

First Author: Arya **PRADIPTA**

Co-Author(s): Angela Nurini **AGNI**, Muhammad Bayu **SASONGKO**, Nisita **SURYANTO**, Tri Wahyu **WIDAYANTI**





**Poster No.: EX1-079**

**Intraocular Lymphoma**

First Author: Mohd Anash **PATHAN**

Co-Author(s): Roshan **COLACO**, Sundaram  
**NATARAJAN**, Chaitali **BHAVSAR**, Gauri **KHARE**

**Poster No.: EX1-080**

**Ocular Syphilis: Resurgence of an Old Disease  
in Modern Malaysian Society**

First Author: Zakaria **ABDOLLAH**

Co-Author(s): Amin **AHEM**, Mae Lynn **BASTION**,  
Hazlita **MOHD ISA**, Mushawiahti **MUSTAPHA**

**Poster No.: EX1-081**

**Rapid Resolution of Occlusio Pupillae Using  
Intracameral Tenecteplase in a Patient With  
Severe Anterior Uveitis: A Case Report**

First Author: Wen Yee **LEE**

Co-Author(s): Kiet Phang **LING**, Haslina **MOHD ALI**,  
Norlina **MOHD RAMLI**, Wee Min **TEH**

**Poster No.: EX1-133**

**A Rare Case of Iatrogenic Broken Intralenticular  
Ozurdex Implant**

First Author: Yong Zheng **WAI**

Co-Author(s): Jun Fai **YAP**, Lik Thai **LIM**, Qi Xiong **NG**

**Retina (Medical)**

**Poster No.: EX1-008**

**Adaptive Optics Imaging in Central Serous  
Chorioretinopathy: A Multimodal Analysis**

First Author: Jay **CHHABLANI**

Co-Author(s): Hitesh **AGRAWAL**, Vivek **DAVE**, Sanjay  
**KUMAR**, Raja **NARAYANAN**, Ashutosh **RICHARIYA**

**Poster No.: EX1-009**

**An Unusual Presentation of Retinal Sheen:  
Muller Cell Sheen Dystrophy**

First Author: Dr **HAEMOGLOBIN**

Co-Author(s): Naresh **BABU**, Sr **RATHINAM**

**Poster No.: EX1-010**

**Analysis of Correlative Factors of Visual Acuity  
With Intravitreal Conbercept Injection in  
Macular Edema Associated With Branch Retinal  
Vein Occlusion**

First Author: Wenjuan **LUO**

**Poster No.: EX1-011**

**Analysis of Foveal Avascular Zone and  
Macular Vasculature Using Optical Coherence  
Tomography Angiography in Type 2 Diabetic  
Eyes Without Diabetic Retinopathy**

First Author: Eunyong **CHOI**

Co-Author(s): Hyun Seung **KANG**, Min **KIM**

**Poster No.: EX1-012**

**Biosimilar Intravitreal Ranibizumab (Razumab)  
in Macular Pathology**

First Author: Umesh **BHAMMARKAR**

Co-Author(s): A **NISAR**, Deepti **MEHTA**, V Sahiti  
**PRIYA**, S **ARUNA**, V **SWETHA**

**Poster No.: EX1-013**

**Characteristic Appearances of Fundus  
Autofluorescence in Treatment-Naive and  
Active Polypoidal Choroidal Vasculopathy: A  
Retrospective Study of 170 Patients**

First Author: Xinyu **ZHAO**

Co-Author(s): Youxin **CHEN**

**Poster No.: EX1-014**

**Choroidal Neovascularization Complicated  
With Adult-Onset Vitelliform Macular  
Dystrophy**

First Author: Young Joon **JO**

**Poster No.: EX1-015**

**Choroidal Thicknesses Measurements in  
Diseased and Normal Eyes Using Swept Source  
and Spectral Domain Optical Coherence  
Tomography**

First Author: Colin **TAN**

Co-Author(s): Louis **LIM**, Wei Kiong **NGO**

**Poster No.: EX1-016**

**Curious Case of IOL Opacification After Avastin  
Injection**

First Author: Anuj **SONI**

**Poster No.: EX1-017**

**Demographic Characteristics of AMD Among  
Malay Patients in Hospital Universiti Sains  
Malaysia From 2016 to 2017**

First Author: Azhan **AZMAN**

Co-Author(s): Mohamad Darwish **ABDUL AZIZ**, Liza  
Sharmini **AHMAD TAJUDIN**, Zunaina **EMBONG**, Koh  
**NI**





**Poster No.: EX1-018**

**Does Functional Assessment Predict Everyday Visual Functioning? Visual Function and Vision-Related Quality of Life in Age-Related Macular Degeneration**

*First Author: Geoffrey **BROADHEAD***

*Co-Author(s): Andrew **CHANG**, Thomas **HONG**, Tim **SCHLUB***

**Poster No.: EX1-019**

**Effect of Honey on Retinal Thickness in Postmenopausal Women**

*First Author: Premala Devi **SIVAGURUNATHAN***

*Co-Author(s): Noorlaila **BAHARUDDIN**, Zunaina **EMBONG**, Raja Norliza **RAJA OMAR***

**Poster No.: EX1-020**

**Effect of Indocyanine Green on Tight Junction Structural Proteins in Human Retinal Pigment Epithelium ARPE-19 Cells**

*First Author: Yo-Chen **CHANG***

*Co-Author(s): Ying-Hsien **KAO**, Wen-Chuan **WU***

**Poster No.: EX1-021**

**Evaluation of Macula Disturbance After Posterior Continuous Capsulorrhexis**

*First Author: Gokhan **KAYA***

**Poster No.: EX1-022**

**Evaluation of Optic Nerve Head Microcirculation After Living Renal Transplantation**

*First Author: Tetsushi **ARIMURA***

*Co-Author(s): Yuichi **HORI**, Shun **KUMASHIRO**, Hironori **OSAMURA**, Tomoaki **SHIBA***

**Poster No.: EX1-023**

**Factors Related to Effectiveness of Intravitreal Bevacizumab Injections in Macular Edema Secondary to Branch Retinal Vein Occlusion**

*First Author: Jae Yong **JANG***

*Co-Author(s): Yong-Sok **JI***

**Poster No.: EX1-024**

**Intravitreal Injections: A Patient's Perspective**

*First Author: Aneasha **LOBO***

*Co-Author(s): Arun **BHARGAV***

**Poster No.: EX1-025**

**Macular Pigment Optical Density in Filipinos With Age-Related Macular Degeneration After Lutein and Zeaxanthin Supplementation: A Nonrandomized Comparative Study**

*First Author: Jennifer Joy **SANTOS-RAYOS***

**Poster No.: EX1-026**

**Morphology of Type 1 Choroidal Neovascularization in Age-Related Macular Degeneration Detected by Optical Coherence Tomography Angiography**

*First Author: Teck Boon **TEW***

*Co-Author(s): Tzyy-Chang **HO**, Yi-Ting **HSIEH**, Tso-Ting **LAI**, Chang-Hao **YANG**, Chung-May **YANG***

**Poster No.: EX1-027**

**Multiple Sub-Internal Limiting Membrane Hemorrhages With Double-Ring Sign in Eyes With Valsalva Retinopathy**

*First Author: Kensuke **GOTO***

*Co-Author(s): Yasuki **ITO**, Takeshi **IWASE**, Eimei **RA**, Hiroko **TERASAKI***

**Poster No.: EX1-028**

**Optical Coherence Tomography Angiography Patterns of Choroidal Neovascular Membrane in Central Serous Chorioretinopathy**

*First Author: Vishal **GOVINDHARI***

*Co-Author(s): Jay **CHHABLANI**, Abhilash **GOUD***

**Poster No.: EX1-029**

**Outcomes of Central Serous Chorioretinopathy With Cystoid Degeneration**

*First Author: Sankeert **GANGAKHEDKAR***

*Co-Author(s): Jay **CHHABLANI***

**Poster No.: EX1-030**

**Permeability and Anti-VEGF Effects of Bevacizumab, Ranibizumab, and Aflibercept in Polarized Retinal Pigment Epithelial Cells**

*First Author: Hiroto **TERASAKI***

*Co-Author(s): Taiji **SAKAMOTO**, Shozo **SONODA**, Naoya **YOSHIHARA***

**Poster No.: EX1-031**

**Prevalence and Risk Factors for Neovascularization in Eyes With Neurosensory Detachments**

*First Author: Yu Qiang **SOH***

*Co-Author(s): Chui Ming Gemmy **CHEUNG**, Val **PHUA**, Kelvin Yi Chong **TEO***





**Poster No.: EX1-032**

**Pro Re Nata Treatment After a Single Intravitreal Anti-Vascular Endothelial Growth Factor Drug Injection for Macular Edema With Branch Retinal Vein Occlusion**

*First Author: Hironori* **OSAMURA**

*Co-Author(s): Yuichi* **HORI**, *Tadashi* **MATSUMOTO**, *Tomoaki* **SHIBA**, *Arimura* **TETSUSHI**, *Shun* **KUMASHIRO**

**Poster No.: EX1-033**

**RPE Rip After Intravitreal Eylea Injection in PCV**

*First Author: Nallamasa* **ROHIT**

*Co-Author(s): Raja* **NARAYANAN**

**Poster No.: EX1-034**

**Randomized Clinical Trial Evaluating Reflux, IOP, and Pain Following Intravitreal Anti-Vascular Endothelial Growth Factor Injections Using 30G and 32G Needles**

*First Author: Saeed* **ALSHAHRANI**

*Co-Author(s): Tom* **GONDER**, *Vasudha* **GUPTA**, *Ahmed* **MOUSA**, *Uriel* **RUBIN**, *Sanjay* **SHARMA**

**Poster No.: EX1-035**

**Real-Life Clinical Experience With Intravitreal Razumab (Biosimilar Ranibizumab) in Indian Patients: Retrospective Observational Data From a Single Tertiary Ophthalmology Center in North India**

*First Author: Sangita* **JAIN**

**Poster No.: EX1-036**

**Refining Anti-Vascular Endothelial Growth Factor Practices in Neovascular Age-Related Macular Degeneration: Review**

*First Author: Jennifer Joy* **SANTOS-RAYOS**

**Poster No.: EX1-037**

**Risk Factors for Rapid Progression to Proliferative Diabetic Retinopathy in Type 2 Diabetic Patients**

*First Author: Jeong Hun* **BAE**

*Co-Author(s): Ko Un* **SHIN**

**Poster No.: EX1-038**

**Successfully Treated Submacular Hemorrhage and Macular Edema Secondary to Hemiretinal Vein Occlusion With Intravitreal Bevacizumab**

*First Author: Maftuhim* **ADDENAN**

*Co-Author(s): Mariam* **JAMALUDDIN**, *Tengku Ain* **KAMALDEEN**

**Poster No.: EX1-039**

**The Bilaterality of Polypoidal Choroidal Vasculopathy: Multimodality Imaging**

*First Author: Rui* **HUA**

**Poster No.: EX1-040**

**The Change of Axial Length in Highly Myopic Adults Using Partial Coherence Interferometry**

*First Author: Jae Jung* **LEE**

*Co-Author(s): Ik Soo* **BYON**, *So Hee* **KIM**, *Jieun* **LEE**, *Kang Yeun* **PAK**, *Sung Who* **PARK**

**Poster No.: EX1-041**

**The I and the Eye**

*First Author: YC Venu Gopal* **REDDY**

*Co-Author(s): Syed* **MOHIDEEN**, *Anuj* **SHARMA**, *Adheesh* **SHETTY**

**Poster No.: EX1-042**

**Therapeutic Effect of Sleep Apnea on Atherosclerosis Depended on Ocular Microcirculation Shown by Laser Speckle Flowgraphy**

*First Author: Mao* **TAKAHASHI**

*Co-Author(s): Yuuiti* **HORI**, *Mahito* **NORO**, *Tomoaki* **SHIBA**, *Kazuhiro* **SHIMIZU**, *Kohji* **SHIRAI**

**Poster No.: EX1-082**

**Retinal Vascular Calibers and Obesity in Children**

*First Author: Evelyn* **TAI**

*Co-Author(s): Shatriah* **ISMAIL**, *Yee Cheng* **KUEH**, *Wan Hazabbah* **WAN HITAM**, *Tien-Yin* **WONG**

**Poster No.: EX1-083**

**Intraocular Pressure in Patients With Retinal Vein Occlusion Treated With Dexamethasone Intravitreal Implant: 3 Years of Follow-Up**

*First Author: Dong Hyun* **WANG**

*Co-Author(s): Juno* **KIM**, *Sung Jin* **LEE**

**Poster No.: EX1-084**

**Follow-Up Trend for Eye Check-Up in Emigrant Population of Kerala, India: A Hospital Study**

*First Author: Anuj* **SONI**

**Poster No.: EX1-085**

**1-Year Outcomes of Conbercept Therapy for Diabetic Macular Edema**

*First Author: Tong* **QIAN**







**Poster No.: EX1-086**

**A Rare Case of Optic Nerve Head Drusen**

*First Author: Lokesh JAIN*

**Poster No.: EX1-087**

**A Study of Choroidal Thickness in Type 2 Diabetes Mellitus Patients With Spectral Domain Optical Coherence Tomography**

*First Author: Yen Harn YEW*

*Co-Author(s): Angela LOO, Visvaraja SUBRAYAN*

**Poster No.: EX1-088**

**Assessment of Fluorescein Angiographic Pattern and Its Prognostic Value in Idiopathic Epiretinal Membrane**

*First Author: Hanjo KWON*

*Co-Author(s): Ik Soo BYON, Ji Eun LEE, Sung Who PARK*

**Poster No.: EX1-089**

**Atypical Pathological Changes Detected on Multimodal Imaging in Patients on Long-Term Hydroxychloroquine Therapy**

*First Author: Carlo LADORES*

*Co-Author(s): Chui Ming Gemmy CHEUNG, Cheng Sim Anna TAN, Tien-Yin WONG, Yew San Ian YEO*

**Poster No.: EX1-090**

**Bilateral Acute Retinal Pigment Epitheliitis: A Case Report With Microperimetry, Autofluorescence, Retinal Angiography, and Spectral-Domain Optical Coherence Tomography Findings**

*First Author: Yen YEW*

*Co-Author(s): Nicholas ANDREW, Alexander NEWMAN, Niladri SAHA*

**Poster No.: EX1-091**

**Clinical Features of Macular Serous Detachment According to Age Groups in Koreans**

*First Author: Kunho BAE*

*Co-Author(s): Eung Suk KIM, Seung Young YU*

**Poster No.: EX1-092**

**Clinical Profile of Retinal Vein Occlusion in Hospital Universiti Sains Malaysia: 7-Year Review**

*First Author: Abdul Hadi ROSLI*

*Co-Author(s): Zunaina EMBONG, Khairul Anwar IBRAHIM*

**Poster No.: EX1-093**

**Comparison Among Four Different Optical Coherence Tomography Angiography Systems for Retinal Vascular Imaging**

*First Author: Jingyuan YANG*

*Co-Author(s): Youxin CHEN, Guoru LAN, Song XIA, Chenxi ZHANG, Xiao ZHANG*

**Poster No.: EX1-094**

**Correlation of Optical Coherence Tomography Angiography Features of Idiopathic Polypoidal Choroidal Vasculopathy With Indocyanine Green Angiography**

*First Author: Rakesh JUNEJA*

*Co-Author(s): Navneet MEHROTRA, Manish NAGPAL*

**Poster No.: EX1-095**

**Etiology and Prognostic Significance of Hyperreflective Outer Retinal Track Lines on SD-OCT in Central Retinal Vein Occlusion Macular Edema**

*First Author: Mohab ELDEEB*

*Co-Author(s): Errol CHAN, John CHEN, Vincent SUN*

**Poster No.: EX1-096**

**Granular Cell Tumor With Intraocular Involvement**

*First Author: Jingyuan YANG*

*Co-Author(s): Youxin CHEN*

**Poster No.: EX1-097**

**ICGA-Based Classification of Wet AMD in Korean Patients**

*First Author: Kunho BAE*

*Co-Author(s): Eung Suk KIM, Seung Young YU*

**Poster No.: EX1-098**

**Irregular Pigment Epithelial Detachment in Chronic Central Serous Chorioretinopathy: SD-OCT and OCTA Findings**

*First Author: Seul Ki BANG*

*Co-Author(s): Eung Suk KIM, Seung Young YU*

**Poster No.: EX1-099**

**OCT Angiography Compared to Dye Angiography for Distinguishing Vascularized Pigment Epithelial Detachment**

*First Author: Danny NG*

*Co-Author(s): Malini BAKTHAVATSALAM, Marten BRELEN, Timothy LAI, Chi Wai TSANG*





**Poster No.: EX1-100**

**Optical Coherence Tomography Angiography Findings in Retinal Vein Occlusion Treated With Anti-Vascular Endothelial Growth Factor**

First Author: Eung Suk **KIM**

Co-Author(s): Kunho **BAE**, Seul Ki **BANG**, Seung Young **YU**

**Poster No.: EX1-101**

**Outcome of Pneumatic Displacement in Submacular Hemorrhage Without Using Tissue Plasminogen Activator**

First Author: Roshija **RIJAL**

Co-Author(s): Deepesh **MOURYA**

**Poster No.: EX1-102**

**Ozurdex Induced Fulminant Toxoplasma Retinochoroiditis in a Patient Treated for Neuroretinitis**

First Author: Arif Hayat **KHAN PATHAN**

Co-Author(s): Mohammad Ibn **ABDUL MALEK**, Tanvir **AHMED**, Brooke **NESMITH**, Mostafizur **RAHMAN**, Nazmun **NAHAR**

**Poster No.: EX1-103**

**Perspective on the Role of Corticosteroid Treatment for Bilateral Diabetic Macular Edema in Pregnancy: A Case Report**

First Author: Ing Hong **LIM**

Co-Author(s): Nor Azita **AHMAD TARMIDZI**, Hamisah **ISHAK**, Amir **SAMSUDIN**

**Poster No.: EX1-104**

**Polypoidal Choroidal Vasculopathy: A Composite Assessment of Sociodemographic, Behavioral, and Systemic Associations**

First Author: Raghav **RAVANI**

Co-Author(s): Prateek **KAKKAR**, Atul **KUMAR**, Vineet **MUTHA**, Dheepak **SUNDAR**

**Poster No.: EX1-105**

**ROP Diaries of a Retinal Surgeon in an Indian Scenario**

First Author: Aditya Vikram **SHARMA**

Co-Author(s): Maniprabha **BHATNAGAR**, Sunil **JANGED**, Aditi **SHARMA**

**Poster No.: EX1-106**

**Retinal Fractal Dimension and Curvature Tortuosity in Obese Children**

First Author: Evelyn **TAI**

Co-Author(s): Shatriah **ISMAIL**, Yee Cheng **KUEH**, Wan Hazabbah **WAN HITAM**, Tien-Yin **WONG**

**Poster No.: EX1-107**

**Short-Term Treatment Response of Large Pigment Epithelial Detachment Due to Age-Related Macular Degeneration to Anti-VEGF Therapy**

First Author: Yu **ZHANG**

Co-Author(s): Chui Ming Gemmy **CHEUNG**, Kelvin Yi Chong **TEO**, Yasuo **YANAGI**

**Poster No.: EX1-108**

**Spectral-Domain Optical Coherence Tomography Evaluation Including En-Face Imaging of the Fluorescein Angiographic Leak in Acute Central Serous Chorioretinopathy**

First Author: Neha **GOEL**

Co-Author(s): Aanchal **MEHTA**

**Poster No.: EX1-109**

**Spironolactone in the Treatment of Nonresolving Central Serous Chorioretinopathy: A Comparative Analysis**

First Author: Jin Young **KIM**

Co-Author(s): Mirinae **JANG**

**Poster No.: EX1-110**

**Structure-Function Correlation in Choroidal Neovascular Membrane Secondary to Wet Age-Related Macular Degeneration Using Novel Overlay Feature of Optical Coherence Tomography Angiography and Microperimetry-3**

First Author: Rakesh **JUNEJA**

Co-Author(s): Jayesh **KHANDELWAL**, Navneet **MEHROTRA**, Manish **NAGPAL**

**Poster No.: EX1-111**

**The Role of Apelin/APJ in the Animal Model of Retinopathy of Prematurity**

First Author: Li **CHEN**

Co-Author(s): Yanrong **JIANG**

**Poster No.: EX1-112**

**Unheeded Focal Choroidal Excavations in Recurrent Central Serous Chorioretinopathy**

First Author: V V **SAMEERA**

Co-Author(s): Apoorva **AYACHIT**, Guruprasad **AYACHIT**, Shrinivas **JOSHI**





**Poster No.: EX1-113**

**Vascular Endothelial Growth Factor Level in Vitreous Humor of Proliferative Diabetic Retinopathy After Intravitreal Injection of Conbercept**

*First Author: Bing LI*

*Co-Author(s): Zhe CHEN, Junjie YE*

**Poster No.: EX1-134**

**A Rare Case of Choroidal Infiltration Secondary to Diffuse Large B-Cell Lymphoma in the Only Seeing Eye**

*First Author: Nik Nurfarhana NIK MOHD NOOR*

*Co-Author(s): Kiet Phang LING, Haslina MOHAMAD ALI*

**Poster No.: EX1-135**

**Mutation of CRX and RHO Genes in Retinitis Pigmentosa**

*First Author: Ma XIANG*

**Retina (Surgical)**

**Poster No.: EX1-043**

**The Internal Limiting Membrane in Diabetic Macular Edema: To Peel or Not to Peel? A Retrospective Review of Anatomical and Visual Outcomes**

*First Author: Chin Feng Wendy Ong*

*Co-Author(s): Kiat Phang LING, Haslina MOHD ALI, Wan Hazabbah WAN HITAM, Wee Min TEH*

**Poster No.: EX1-044**

**A Rare Presentation of Delayed Hypersensitivity to Retrobulbar Lignocaine 2%: A Case Report**

*First Author: Jia Hui LEON*

*Co-Author(s): Nor Ismarudi ISMAIL, Selvaraja VENGADASALAM*

**Poster No.: EX1-045**

**Achondroplasia With Exudative Retinal Detachment**

*First Author: Suganeswari GANESAN*

*Co-Author(s): Muna BHENDE, Sudha GANESH, Lingam GOPAL*

**Poster No.: EX1-046**

**Clinical Features and Prognostic Factors Predicting Surgical Outcome in Combined Rhegmatogenous and Tractional Retinal Detachment in Proliferative Diabetic Retinopathy**

*First Author: Jee Yao LOKE*

*Co-Author(s): Haslina ALI, Kiet Phang LING, Wee Min TEH*

**Poster No.: EX1-047**

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*First Author: Jongho PARK*

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*First Author:* Hyunwoong **KIM**

*Co-Author(s):* In Young **CHUNG**, Dong Geun **KIM**, Kun Hyung **KIM**, Jieun **LEE**

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*First Author:* Gokhan **KAYA**

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*First Author:* Xinyu **ZHAO**

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*First Author:* Prateek **KAKKAR**

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**Long-Term Visual Outcomes of Treatment of Massive Submacular Hemorrhage Secondary to Polypoidal Choroidal Vasculopathy**

*First Author:* Min **KIM**

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*First Author:* Seungwoo **LEE**







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*First Author:* Yan **SHI**

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*First Author:* Jung Min **PARK**

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*First Author:* Maftuhim **ADDENAN**

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**Poster No.: EX1-116**

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**Review of Silicone Oil Removal Cases Done in the Year 2016 at a Tertiary Hospital Center**

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**Poster No.: EX1-118**

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*First Author:* Chang **LIBIN**

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*First Author:* V V **SAMEERA**

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First Author: Rajya **GURUNG**

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First Author: Ohisa **HARLEY**

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First Author: Mariam **AHMAD**

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#### **A Rare Case of Choroidal Neovascular Membrane Following Endogenous Fungal Endophthalmitis**

First Author: Krishnendu **NANDI**

#### **Absence of Posterior Vitreous Detachment is a Risk Factor for Severe Bleb-Related Endophthalmitis**

First Author: Kazuhiko **UMAZUME**

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First Author: Justin **YEAK**

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#### **Clinical Presentation and Outcomes of Endogenous Endophthalmitis in an Indian Population at a Tertiary Care Hospital: Role of Newer Intravitreal Antibiotics in Management of Resistant Cases**

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First Author: Pritam **BAWANKAR**

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#### **Recombinant Tissue Plasminogen Activator in Recalcitrant Anterior Uveitis: Case Series**

First Author: Sylves **PATRICK**

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#### **Unexpected Course of Events in a Patient Treated With Dexamethasone Implant**

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### A Case of Cystoid Macular Edema Caused by Nanoparticle Albumin-Bound Paclitaxel

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### Atypical Presentation of Idiopathic Intracranial Hypertension: Severe Peripapillary Exudation With Macular Edema

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### Better Prognosis for Eyes With Preserved Foveal Depression After Anti-Vascular Endothelial Growth Factor Therapy for Macular Edema Secondary to Branch Retinal Vein Occlusion

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### Bilateral CMV Retinitis With Underlying Acute Lymphoblastic Leukemia: A Treatment Conundrum

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### Bilateral Central Retinal Vein Occlusion in Hyperhomocysteinemia: A Case Report

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### Change of Retinal Pigment Epithelial Atrophy After Anti-Vascular Endothelial Growth Factor Treatment in Exudative Age-Related Macular Degeneration

First Author: Seung-Jun **LEE**

### Choroidal Melanoma: Experience From a Tertiary Referral Center in Malaysia

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### Clinical and Spectral Domain Optical Coherence Tomography Features of Idiopathic Juxtafoveal Retinal Telangeiectasia

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### Comparison of Central Retinal Thickness Measurements Between Two Commercial Spectral Domain Optical Coherence Tomography Machines

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### Correlation Between Visual Field Index and Structural Characteristics of the Retina and Choroid in Advanced Retinitis Pigmentosa

First Author: Gisung **SON**  
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### Cost-Effectiveness of Intravitreal Medications for Retinal Disease

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### Demographic Features, Risk Factors, Clinical Patterns, and Angiographic Features in Newly Diagnosed Polypoidal Choroidal Vasculopathy in a Malaysian Tertiary Hospital

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### Exudate Quantification in Color Retinal Images for Diabetic Retinopathy

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### First Experience With Fight Retinal Blindness System for Real-World Outcomes of Exudative Age-Related Macular Degeneration in a Predominately Asian Population

First Author: Kelvin **TEO**  
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### Foveal Avascular Zone Dimensions and Reliability in Healthy Korean Eyes Using OCTA

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**Identification of Eyes at Risk for Severe Retinopathy of Prematurity by Third Year Ophthalmology Residents in a Tertiary Hospital**

*First Author: Eleonore IGUBAN*

**Intravitreal Injection of Conbercept for Aggressive Posterior Retinopathy of Prematurity**

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**Is Antithymocyte Globulin Therapy Responsible for Central Serous Retinopathy in Aplastic Anemia?**

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**Kuala Lumpur General Hospital Experience on Management of Aggressive Posterior Retinopathy of Prematurity**

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**Modified Approach for Public Education in Diabetic Retinopathy**

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**Multimodal Imaging in Macular Telangiectasia Type 2**

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**Multimodal Imaging of Choroideremia and Its Carrier State With Autofluorescence and OCT Angiography**

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**Natural Course and Nonsurgical Management of Idiopathic Macular Hemorrhage**

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**Nonarteritic Anterior Ischemic Optic Neuropathy: An Ocular Manifestation of Systemic Lupus Erythematosus**

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**Nuances in Pathology of Retinal Pigment Epithelium Atrophic Changes**

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**Optical Coherence Tomography Angiography Findings of an Optic Disc Melanocytoma in a Glaucomatous Eye**

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**Peripapillary Circumscribed Choroidal Hemangioma in a Child With PHACE(S) Syndrome**

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**Predictors of Visual Outcome in Treated Polypoidal Choroidal Vasculopathy Among a Multiracial Population in a Malaysian Tertiary Center**

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**Prognostic Factors for Visual Outcome at 12 Months After Intravitreal Anti-VEGF Injection for Eyes With Naive Myopic Choroidal Neovascularization**

*First Author: Rei NEMOTO*

**Real-World Effectiveness and Safety Outcomes With Ranibizumab 0.5 mg Treatment in Taiwanese Patients With Polypoidal Choroidal Vasculopathy: Subgroup Analysis of the REAL Study**

*First Author: Shwu-Jiuan SHEU*

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**Repeated Intravitreal Bevacizumab Injections Versus Single Combined Intravitreal Bevacizumab and Posterior Subtenon Triamcinolone Injections for Treatment of Diabetic Macular Edema**

*First Author: Sameh MANDOUR*

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### Retinal Vein Occlusion as the Surrogate Marker for Premature Brain Aging in Young Patients

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### Reversal of Impending CRVO Secondary to Hyperleukocytosis in CML by Leukapheresis: A Life and Vision Saving Procedure

First Author: Logesvaran **MURUGAN**

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### Subretinal Neovascularization Secondary to Choroidal Nevus: A Diagnostic Dilemma

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### Ultra-Widefield Imaging Findings of an Infant With Retinopathy of Prematurity Treated With Intravitreal Bevacizumab

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### Ultra-Widefield Imaging of Choroidal Dystrophies

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### Validation of the WINROP Screening Algorithm of Preterm Infants in East Malaysia

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### Values of Standard Full-Field Electroretinography in Indonesian Diabetic Retinopathy Patients

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## Retina (Surgical)

### A Rare Case of Vitrectomy-Induced Sympathetic Ophthalmia in a Young Boy

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### Acute Angle Closure Glaucoma Secondary to Polypoidal Choroidal Vasculopathy

First Author: Chuan Chun **LIM**

### An Interesting Case of Blunt Trauma Injury With a Cricket Ball in a 12-Year-Old Child

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### Anatomical and Functional Outcomes of Vitrectomy Surgery in Myopic Macular Holes

First Author: Renu **PUTHENVILAYIL RAJAN**

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### Clinical Characteristics and Functional Outcomes of Vitrectomy and Internal Limiting Membrane Peeling on Macular Hole Surgery

First Author: Chalid **KURNIAWAN**

### Clinical Characteristics in Children Who Underwent Vitrectomy Due to Vitreous Hemorrhage

First Author: Yu **XU**

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### Comparison of OCT Angiographic Changes After Anti-VEGF Monotherapy Alone or in Combination With Photodynamic Therapy in Polypoidal Choroidal Vasculopathy

First Author: Kelvin **TEO**

Co-Author(s): Gemmy **CHEUNG**, Shu Yen **LEE**, Yasuo **YANAGI**

### Effective Treatment of Epithelial Downgrowth in a Patient With Persistent Wound Leak Following Removal of Silicone Oil for Retinal Detachment

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### Globe Salvage in a Thrashing Stone Injury

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### Incidence of Retinal Detachment After Laser Photocoagulation in Patients With Familial Exudative Vitreoretinopathy

First Author: Karthik **KUMAR**

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### Laser Photocoagulation Without Angiography Guidance for Chronic Central Serous Chorioretinopathy

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### Malignant Glaucoma: Management by Vitrectomy

First Author: Umesh **BHAMMARKAR**

### Management of Foveal Detachment Secondary to Intrachoroidal Cavitation With Vitrectomy and Capsular Membrane Transplantation

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### Management of Retained Intraocular Foreign Body by Pars Plana Vitrectomy

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### On-Table Macular Hole Closure Precludes Unnecessary Expansile Gas Tamponade and Head Positioning

First Author: Dipak **NAG**

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### Outcome of Pars Plana Vitrectomy for Intraocular Foreign Body: Hospital-Based Study

First Author: Rajya **GURUNG**

### Pneumoretinopexy With Subretinal Fluid Drainage in Treatment of Bullous Rhegmatogenous Retinal Detachment

First Author: Diva **MISRA**

Co-Author(s): Pritam **BAWANKAR**, Ronel **SOIBAM**

### Postoperative Refractive Errors After Posterior Capsulectomy During Combined Vitrectomy and Cataract Surgery

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### Significant Reduction of Both Peripapillary and Subfoveal Choroidal Thickness After Panretinal Photocoagulation in Patients With Type 2 Diabetes

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Co-Author(s): Hyoung Jun **KOH**, Na Eun **LEE**, Sung Chul **LEE**

### The Feasibility and Efficacy of Intraoperative Laserpexy in Scleral Buckling Surgery

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Co-Author(s): Deepesh **MOURYA**

### Three Cases With Primary Scleral Buckling Following Open Globe Injuries

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### Utility of Microscope-Integrated Optical Coherence Tomography in the Treatment of Myopic Macular Hole Retinal Detachment

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Co-Author(s): Atul **KUMAR**, Pradeep **KUMAR**, R **KARTHIKEYA**, Raghav **RAVANI**





Visualization of the Posterior Vitreous Fluid  
Space Using Indocyanine Green During  
Vitreous Surgery in Proliferative Diabetic  
Retinopathy

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### Intraocular Inflammation, Uveitis & Scleritis

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### Retina (Surgical)

#### 3-Dimensional Guided Vitreoretinal Surgery

First Author: Sankeert **GANGAKHEDKAR**

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#### A Novel Surgical Technique to Overcome Pitfalls

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#### Ahmed Glaucoma Valve Surgery in Vitrectomized Eyes: This Is Not the End!

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#### Auro Keratoprosthesis and Pars Plana Vitrectomy: Combined Single-Stage Approach in Treatment of Severe Chemical Injury and Dislocated Nucleus With Retinal Breaks

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Co-Author(s): Anant **BHOSALE**, Venkatapathy **NARENDRAN**, VR **SARAVANAN**

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Co-Author(s): Aditya **KELKAR**, Hetal **MEHTA**

#### Autologous Serum-Assisted Retinal Free Flap for Refractory Macular Holes

First Author: Mudit **TYAGI**

Co-Author(s): Jay **CHHABLANI**, Raja **NARAYANAN**, Rajeev R **PAPPURU**, Vishal **RAVAL**

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Co-Author(s): Sridhar **BARATAN**, Siva Mohan **HALAHARVI**, Pratheeba Devi **NIVEAN**, Abhiyan Kumar **PATNAYAK**





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Co-Author(s): Pradeep **KUMAR**

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Co-Author(s): Vinod **KUMAR**

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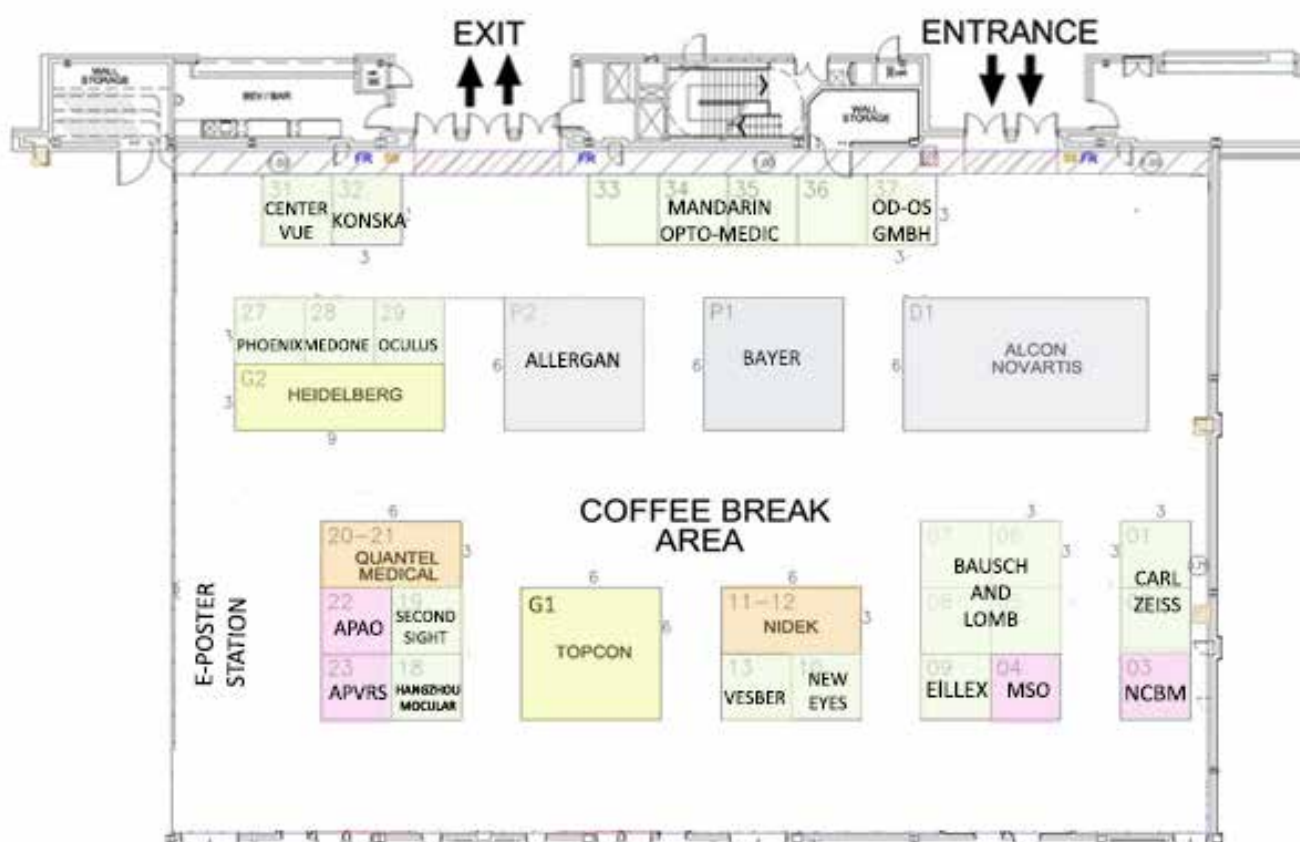
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## SPONSORED SYMPOSIUMS

**Dec 08, 2017 (Fri)**

### Retina (Medical)

#### Bayer Sponsored Symposium: Advances in DME Treatment

12:45 - 13:45 **Venue: Banquet Hall**

*Chair(s): Gemmy CHEUNG*

- 12:45 Welcome and Introductions—The Importance of Vision Gains: A Patient's Perspective  
*Gemmy CHEUNG*
- 13:00 Updates in the Management of DR/DME  
*Tara GEORGE*
- 13:15 Improving Vision for Patients: Insights from the DRCR.net  
*Neil BRESSLER*
- 13:30 Summary and Questions  
*Gemmy CHEUNG*

#### Nidek Sponsored Symposium: From Diagnostics to Treatment and Follow-Up—The Comprehensive Posterior Solution From Nidek

12:45 - 13:45 **Venue: Room 302 & 303**

*Chair(s): Sze Guan ONG*

- 12:45 Going Deeper and Wider With RS-3000 Advance OCT-Angiography  
*Manish NAGPAL*
- 13:05 Fantastic Performance of CV-30000—The Double Blade Cutter and Twin Pumps Improve Your Surgical Procedure and OR Efficiency  
*Yusuke OSHIMA*

- 13:25 Clinical Applications of Microperimeter MP-3 in Various Retinal and Choroidal Conditions  
*Anna TAN*

#### Quantel Medical Sponsored Symposium: Advances in Retina Laser Therapy

12:45 - 13:45 **Venue: Room 304 & 305**

- 12:45 How to Laser Better in 2017  
*Kenneth FONG*
- 12:55 SubLiminal Laser Therapy: Concept and Treatment Guidelines  
*Xiaoling LIU*
- 13:00 SubLiminal Laser Therapy for CSCR  
*Xiaoling LIU*
- 13:10 SubLiminal Laser Therapy for DME  
*Kenneth FONG*
- 13:20 PDT Laser Therapy  
*Colin TAN*

### Retina (Surgical)

#### Alcon Sponsored Symposium: Advanced Vitrectomy—Optimizing Outcomes

12:45 - 13:45 **Venue: Hall 3**

*Chair(s): Ian YEO*

- 12:45 Internal Limiting Membrane Peeling in Macular Hole Surgery: How to Optimize Macular Hole Closure  
*Gavin TAN*
- 13:00 Combined Cataract and Vitreoretinal Surgery: Variables to Be Taken Into Consideration for a Successful Surgery  
*I-van HO*  
*Mun Wai LEE*





13:15 The Role of Smaller Gauge Instruments and Higher Cutting Rates in Complex Cases to Minimize Intra- and Postoperative Complications  
*Unnikrishnan NAIR*  
*Ian WONG*

Dec 09, 2017 (Sat)

Retina (Medical)

Bayer Sponsored Symposium: EYLEA—Extending Horizons in the Management of nAMD and PCV

12:45 - 13:45 **Venue: Banquet Hall**  
*Chair(s): Tien-Yin WONG*

12:45 Welcome and Introductions  
*Tien-Yin WONG*

12:50 Management of PCV: A Clinician's Perspective  
*Won Ki LEE*

13:05 EYLEA in PCV: The PLANET Study  
*Tien-Yin WONG*

13:20 A Treat-and-Extend Approach: The ALTAIR Study  
*Masahito OHJI*

13:35 Summary  
*Tien-Yin WONG*

Allergan Sponsored Symposium: New Perspectives in ME Management

12:45 - 13:45 **Venue: Ballroom 1**  
*Chair(s): Kenneth FONG*

12:45 Inflammation in ME: Real or Not Real  
*Jayakrishna AMBATI*

13:00 OCT/OCTA: Role in ME  
*Pearse KEANE*

13:15 OCT Biomarkers: Can We Identify Responders vs Nonresponders?  
*Young Hee YOON*

13:30 Latest Learnings and Insights of Dexamethasone Intravitreal Implant  
*Jay CHHABLANI*

Novartis Sponsored Symposium: Changing Clinical Paradigm in PCV Management

12:45 - 13:45 **Venue: Hall 3**  
*Chair(s): Jun Shyan WONG*

12:45 Welcome and Introduction  
*Jun Shyan WONG*

12:50 Scaling Newer Heights and Setting New Standard of Care in PCV: EVEREST II 24-Months Results  
*Adrian KOH*

13:05 Anti-VEGF Monotherapy in PCV: Latest Evidence Update  
*Timothy LAI*

13:20 Real-World Evidence in PCV and Clinically Important Considerations  
*Shigeru HONDA*

13:35 Questions and Answers, Summary  
*Jun Shyan WONG*

Topcon Sponsored Symposium: Advances in Retinal Imaging With Swept Source OCT

12:45 - 13:45 **Venue: Room 302 & 303**

12:45 Multimodal Imaging in the Management of Retinal Diseases—Initial Experience With the Topcon DRI OCT Triton  
*Mun Wai LEE*

13:05 Swept Source OCT in High Myopia  
*Shu Yen LEE*

13:25 Swept Source OCT Angiography in Polypoidal Choroidal Vasculopathy  
*Gemmy CHEUNG*

Heidelberg Sponsored Symposium: Advances in Multimodal Imaging

12:45 - 13:45 **Venue: Room 304 & 305**  
*Chair(s): Yoon Kee LAI*





- 12:45 Unravelling the Layers of Macular Circulation with OCT Angiography  
*Srinivas SADDA*
- 13:05 Can ICGA Be Replaced?  
*Nor Fariza NGAH*
- 13:25 Multimodal Imaging for PCV Diagnosis and Management—Results From the EVEREST II Study  
*Tock Han LIM*

### Retina (Surgical)

#### Alcon Sponsored Symposium: Advancing Vitreoretinal Surgery—3D Visualization and Beyond

17:45 - 18:45 **Venue: Hall 3**

*Chair(s): Manish NAGPAL*

- 17:45 Enhanced Depth of Field  
*Kyu-Hyung PARK*
- 18:00 Peripheral Acuity  
*Nuttawut RODANANT*
- 18:15 High Magnification Performance  
*I-Van HO*
- 18:30 Color Channel and HDR Camera  
*Hai LU*

**Dec 10, 2017 (Sun)**

### Retina (Medical)

#### Novartis Sponsored Symposium: Advances in nAMD Management—Improving Outcomes With Effective Individualization

12:45 - 13:45 **Venue: Hall 3**

*Chair(s): Hiroko TERASAKI*

- 12:45 Welcome and Introduction  
*Hiroko TERASAKI*

- 12:50 Anti-VEGF's in nAMD: Evolution of Treatment Regimens and Emerging Important Clinical Considerations  
*Tien-Yin WONG*
- 13:05 Ranibizumab Raising the Bar in nAMD: Insights From RIVAL 12-Months Results  
*Ian MCALLISTER*
- 13:20 Real-World Experience With Anti-VEGF in nAMD Management  
*Tock Han LIM*
- 13:35 Questions and Answers, Summary  
*Hiroko TERASAKI*

#### Santen Sponsored Symposium: The Future of Noninfectious Uveitis Management : A Regional Perspective

12:45 - 13:45 **Venue: Room 304 & 305**

- 12:45 Shaping a Better Future for Uveitis Management  
*Nor Fariza NGAH*
- 13:05 Seeing Is Believing: New Imaging Methods for Diagnosing and Managing Uveitis  
*Harvey UY*
- 13:25 The Evolving Landscape of Uveitis Treatment  
*Adrian KOH*





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