

APAPO 2024

BALI INDONESIA

February 22-25, 2024

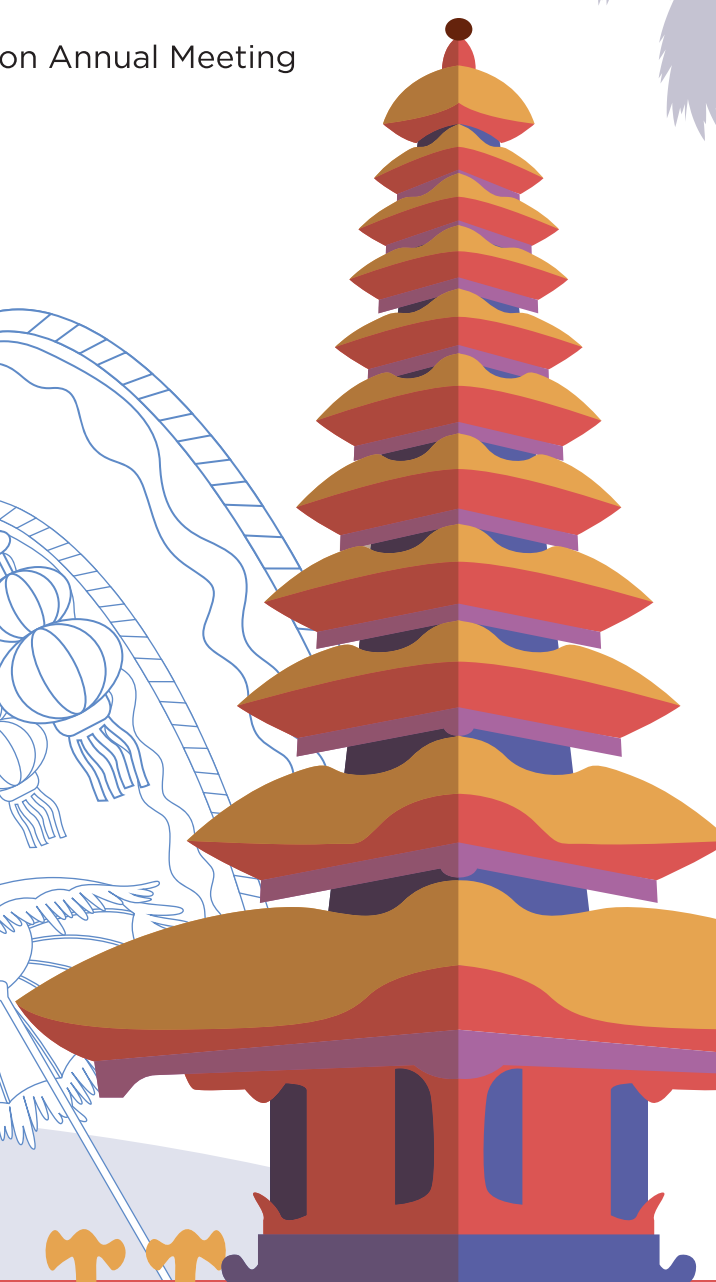
The 39th Asia-Pacific Academy of Ophthalmology Congress
in conjunction with
The 49th Indonesian Ophthalmologists Association Annual Meeting

Beyond All Limits

FINAL PROGRAM



APAO 2024 Website
<https://2024.apaophth.org>



Host



Co-host



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APAO 2024 MOST POPULAR POSTERS

The APAO Congress will present awards to the top 5 most popular posters as chosen by delegates. Use the stickers below to vote for your 5 favorite posters in the poster display area. Here's how!



Instructions

1. Remove a sticker from the sticker sheet available in your delegate bag.
2. Stick it next to the poster of your choice. Be careful not to cover the content of the poster.
3. Repeat steps 1 & 2 to use all 5 stickers!

The voting period for all posters at APAO 2024 is shown below. Be sure to use all your stickers before voting ends!

	Date	Time
Voting begins	February 22	09:00
Voting ends	February 24	11:00

APAO 2024 MOST POPULAR E-POSTERS & VIDEOS

The APAO Congress will also present awards to the top 5 e-posters and top 5 videos as chosen by delegates. Here's how to cast your vote!

1. Access the APAO 2024 e-posters and videos at <https://2024.apaophth.org/abstract/>.
2. Browse the submitted e-posters/videos by subspecialty or search for a specific e-poster/video by author name or title.
3. Select the e-poster/video of your choice. Click on the heart (❤️) to cast your vote. Change your mind? No worries! Just click the heart (❤️) again to withdraw your vote.
4. In order to record your vote, the online voting system will ask you to log in using your last name and registration barcode (printed on the APAO delegate badge).
5. Repeat steps 1-4 to use your remaining 4 votes in each category (e-poster/video).

Remember, the voting period for the APAO 2024 e-posters and videos ends at 11:00 am on Saturday, February 24, 2024. Be sure to vote before the deadline!



In Conjunction with
The 49th Indonesian
Ophthalmologists Association
Annual Meeting
"BEYOND ALL LIMITS"

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WELCOME MESSAGE

Congress President

APAO 2024 Bali Congress



Dear Friends and Colleagues,

It is our great pleasure to welcome you to the 39th Asia-Pacific Academy of Ophthalmology (APAO) Congress, held in conjunction with the 49th PERDAMI, or the Indonesian Ophthalmologists Association (IOA) Annual Meeting, at Bali Nusa Dua Convention Center, Indonesia, from February 22 to 25, 2024.

We are very honored that Bali has once again been chosen to host the prestigious APAO annual congress, which has now become the premier ophthalmic professional and scientific event. Our scientific program will be the best showcase for the theme of our APAO 2024 Congress – “Beyond All Limits” – with the clear objective of preparing today’s ophthalmic practitioners for the ever-evolving future of eye care. I hope you will find the APAO 2024 Congress to be one of the most exciting and enjoyable meetings ever as it broadens your scientific as well as travel horizons. The congress will surely increase your knowledge across the entire spectrum of ophthalmology.

Apart from stunning beaches and magical temples, Bali has virtually every kind of natural beauty which boasts a myriad of impressive volcanoes, world-class diving, diverse nightlife, and gorgeous waterfalls. Its panoramic range of tourist attractions caters for all types of visitors and interests.

By presenting the very latest scientific developments in ophthalmology accompanied by the best of Bali hospitality, we are committed to making the APAO 2024 a truly memorable experience for all.

With best regards,

A handwritten signature in black ink, consisting of a large, stylized 'D' followed by 'SIDIK' in a cursive script. The signature is underlined with a thick black line.

Dr. Mohamad SIDIK
President
APAO 2024 Congress

WELCOME MESSAGE

Scientific Program Committee Chair

APAO 2024 Bali Congress



Dear Friends and Colleagues,

On behalf of the Asia-Pacific Academy of Ophthalmology (APAO) and the Scientific Program Committee, it is my honor and pleasure to welcome you to the APAO 2024 Congress in Bali.

The congress covers various aspects of ophthalmology, from the basic, intermediate, and advanced skills to the prevailing hot topics. Under the theme of “Beyond All Limits,” the APAO 2024 Congress features over 700 internationally renowned speakers presenting the latest discoveries and ideas in various ophthalmic subspecialties, including visual sciences and clinical ophthalmology.

The APAO 2024 Congress provides an excellent showcase for world-renowned ophthalmic professionals to share their expertise and experience with clinicians, ophthalmic specialists, eye surgeons, and researchers from the Asia-Pacific region and globally. With a significant number of leading experts from across the globe speaking at this most important ophthalmology meeting in the Asia-Pacific region and beyond, participants are expected to gain insights into the latest scientific innovations, emerging trends of surgical techniques and treatments, as well as to meet like-minded peers and develop lifelong friendships.

I believe it would be great to take this opportunity to network and collaborate, and at the same time, to take advantage of all that Bali has to offer. I wish you all a wonderful stay in Bali and I look forward to seeing you in February 2024!

With best regards,

A handwritten signature in black ink, appearing to read 'Dennis Lam', written over a horizontal line.

Prof. Dennis LAM
Chair
APAO 2024 Scientific Program Committee

WELCOME MESSAGE

President

Asia-Pacific Academy of Ophthalmology



Dear Friends and Colleagues,

It is my immense honor and pleasure to welcome you to the 2024 Congress of the Asia-Pacific Academy of Ophthalmology (APAO) in Bali, Indonesia, from February 22 to 25, 2024.

Themed “Beyond All Limits,” the APAO 2024 Congress in Bali will bring together ophthalmologists from around the world, and it features over 700 internationally recognized speakers presenting their latest work and scientific innovations in the major ophthalmic subspecialties. An attendance figure of over 6,000 delegates is anticipated.

It is impossible to have a successful APAO Congress without the hard work of numerous individuals who selflessly devote many hours to its success. I would like to thank all for their prodigious efforts.

In addition to acquiring new knowledge and skills, the annual congress also provides delegates with an excellent opportunity to network and collaborate with peers and friends. Attendees can also enjoy beautiful and historic attractions, along with delicious cuisine and exciting nightlife in Bali.

I look forward to welcoming you to Bali where you will not only get the opportunity to learn more about the newest discoveries, techniques, and developments in ophthalmology, but also gain unforgettable memories of friendships made and renewed.

With best regards,

A handwritten signature in black ink, appearing to be 'Ava HOSSAIN'.

Prof. Ava HOSSAIN
President
Asia-Pacific Academy of Ophthalmology

WELCOME MESSAGE

Secretary-General and CEO

Asia-Pacific Academy of Ophthalmology



Dear Friends and Colleagues,

It is both my honor and pleasure to welcome you to the 2024 Congress of the Asia-Pacific Academy of Ophthalmology (APAO), held in conjunction with the 49th PERDAMI, or the Indonesian Ophthalmologists Association (IOA) Annual Meeting at Bali Nusa Dua Convention Center, Indonesia, from February 22 to 25, 2024.

This year, the APAO 2024 Congress is featuring over 700 internationally recognized speakers presenting their latest work and scientific innovations in all ophthalmic subspecialties. The congress will have an attendance of over 6,000 delegates.

On behalf of APAO and our Member Societies, I would like to express our deepest heartfelt thanks to Dr. Mohamad Sidik, APAO 2024 Congress President, and our colleagues at the IOA, for organizing this distinctive meeting. I would also like to convey our deepest gratitude to Prof. Dennis Lam, APAO 2024 Scientific Program Committee (SPC) Chair and the SPC members, for their dedication and hard work, without which we would not be able to put together such an exceptionally educational and enjoyable scientific program.

In addition, we are truly grateful for your participation that has made all the preparatory efforts for this congress worthwhile.

I look forward to welcoming you all in person to this exciting and wonderful scientific meeting in Bali.

With warmest regards,

A handwritten signature in blue ink, appearing to be 'C. Tham', written in a cursive style.

Prof. Clement C THAM
Secretary-General and CEO
Asia-Pacific Academy of Ophthalmology

WELCOME MESSAGE

President

Indonesian Ophthalmologists Association



Dear Friends and Colleagues,

On behalf of the Indonesian Ophthalmologists Association - PERDAMI, it is a great pleasure and honor to warmly welcome you to the 39th Asia-Pacific Academy of Ophthalmology (APAO) Congress, held at the Bali Nusa Dua Convention Center from February 22 to 25, 2024 in Bali.

The development of medical technology in the field of ophthalmology and eye health services continues to change. Continuing education and training in all forms of development is crucial and important, to update their competencies and to provide the service quality and developments that all our members and all participants thrive on. Therefore, PERDAMI always supports all efforts to organize the seminars, congresses, courses, and trainings, which are ultimately aimed at reducing the global threat of vision impairment and avoidable blindness.

Furthermore, these activities of the 39th APAO Congress are critical to sharing ideas about how we can best advocate for our patients and improve eye health in our communities. We are able to meet and discuss with the experts in ophthalmology around the world and representatives from the boards of APAO, AAO, ICO and NEI.

This is the second APAO scientific meeting which will be held offline after the Covid-19 pandemic. Certainly, this meeting is eagerly awaited by participants, to meet friends and colleagues from all over the world.

Finally, I would like to thank all the speakers and the participants for your contribution to the congress. I wish you all great enjoyment and a wonderful stay in Bali!

With best regards,

A handwritten signature in black ink, appearing to read 'Budu MANNYU', written in a cursive style.

Prof. Budu MANNYU

President

Indonesian Ophthalmologists Association - PERDAMI

WELCOME MESSAGE

Minister of Health

Republic of Indonesia



It is with immense honor and pleasure that I extend a warm welcome to all the esteemed delegates of the 39th Congress of the Asia-Pacific Academy of Ophthalmology (APAO). Indonesia takes great pride in hosting this distinguished event on the captivating island of Bali.

I appreciate the Indonesian Ophthalmologists Association (PERDAMI) for supporting the Indonesian Ministry of Health's initiative on "Transformation of Health Human Resources" by organizing scientific meetings aimed at enhancing the quality of our human resources.

The APAO Congress stands as an annual beacon, uniting ophthalmologists from across the Asia-Pacific region. Within the confines of this congress, researchers and specialists in the realm of ophthalmology convene to exchange ideas, share experiences, and offer profound insights. Since this event serves as a vital platform for disseminating the latest developments in ophthalmology, enriching our understanding of the science and art inherent in the prevention and treatment of eye problems is mandatory.

Contributions made during this congress are invaluable, propelling advancements in eye care and exerting a profound impact on the global management of health issues, particularly within the Asia-Pacific region.

I extend my best wishes to all the delegates. May the exchange of knowledge and experiences contribute to the improvement of eye care services on a global scale. I hope each delegate has a truly enjoyable and enriching time in Indonesia.

Best regards,

A handwritten signature in black ink, which reads "Budi G. Sadikin". The signature is written in a cursive, flowing style.

Mr. Budi G. SADIKIN
Minister of Health
Republic of Indonesia

WELCOME MESSAGE

President

Academia Ophthalmologica Internationalis



Dear Esteemed Colleagues and Distinguished Guests,

On behalf of the Academia Ophthalmologica Internationalis (AOI), it is my utmost pleasure and honor to extend a warm welcome to all of you attending the 39th Annual Congress of the Asia-Pacific Academy of Ophthalmology (APAO 2024 Congress) on the enchanting island of Bali, Indonesia.

As President of AOI and a passionate advocate for ophthalmology advancements, I am thrilled to gather with such an esteemed group of professionals, researchers, and practitioners from around the globe. The APAO Congress has always been a pinnacle event in our field, fostering collaboration, knowledge exchange, and innovation. This year, in Bali, we anticipate an extraordinary event that will leave an indelible mark on the future of ophthalmology.

The AOI is honored to be the co-sponsor of the Congress, which gives us an excellent opportunity to meet top experts and professionals from across the world. It is an incredible platform to reconnect with old friends, meet new ones and share expertise and best practices. I look forward to fruitful discussions and presentations over the next four days, which will drive advancements and innovations in ophthalmology in Asia-Pacific and globally.

In addition to the scientific program, we have curated an array of social and cultural events that will allow you to experience the richness of Balinese traditions, savor its culinary delights, and form lasting connections with colleagues from around the world. We believe that the APAO Congress is not only an opportunity for professional growth but also a chance to create lifelong memories.

As ophthalmologists, we need to keep an open mind to gather and share new ideas. Through cross-fertilization of knowledge, we will constantly upgrade our practices and benefit patients. I trust that we will all learn from each other and take invaluable insights home.

Thank you, and I hope you have a rewarding and enjoyable time in Bali!

Sincerely,

A handwritten signature in black ink that reads "Richard L. Abbott". The signature is written in a cursive, flowing style.

Prof. Richard L. ABBOTT

President

Academia Ophthalmologica Internationalis (AOI)

HOST



Asia-Pacific Academy of Ophthalmology (APAO)

The Asia-Pacific Academy of Ophthalmology (APAO) is a supranational organization that welcomes participation from national, territorial, and subspecialty-based ophthalmic societies in the Asia-Pacific region.

Being the major driving force of ophthalmic development in the Asia-Pacific region, the APAO seeks to promote the science and art of ophthalmology in the Asia-Pacific region, eliminate preventable blindness through teaching, research and service, foster cooperation between various ophthalmological societies in different countries, and encourage collaboration with other international and regional ophthalmological organizations.

Accordingly, the APAO organizes an annual congress, co-organizes scientific meetings and conferences, publishes the *Asia-Pacific Journal of Ophthalmology*, recognizes ophthalmologists' achievements in research, education and blindness prevention, runs a leadership development program and an international fellowship program, offers training and learning opportunities to young ophthalmologists, and provides an online platform on which ophthalmologists from different parts of the world can interact and consult with one another.

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Website: www.apaophth.org

LOCAL HOST



Indonesian Ophthalmologists Association (Perdami)

The Indonesian Ophthalmologists Association – Perkumpulan Dokter Spesialis Mata Indonesia (Perdami) is the professional organization of ophthalmologists in Indonesia, under the umbrella of the Indonesian Medical Association. Perdami was founded in Jakarta on July 5, 1964.

Its aim is to promote eye health and the development of ophthalmology in Indonesia. Perdami is responsible for improving the competence of Indonesian ophthalmologists, in line with advances in science and technology, and supporting the overall well-being of Perdami members.

Currently, there are 24 Perdami branches, consisting of 2610 members. The 2022 – 2025 Board of Council includes four bodies, namely the professional arm as Executive Body, chaired by President of Perdami, the academic arm known as the Indonesian College of Ophthalmology, the Honorary Board for Medical Ethics, and the Internal Auditor Board, which is held every three years.

Since 1996, Perdami has been conducting charity cataract surgeries nationwide, coordinated by the Cataract Blindness Prevention Section. Advocacy, fundraising activities and services for cataract and other eye health problems, including refractive disorders, glaucoma, diabetic retinopathy and childhood blindness are also among Perdami's activities.

Perdami also considers that it is important to provide data on blindness and visual impairment in Indonesia. With up-to-date and consistently renewed data, Perdami and the Indonesian government can map the problem of blindness and visual impairment properly and create timely strategies effectively and efficiently.

Contact Information:

The Indonesian Ophthalmologists Association

Head Office: Perdami Office, Gedung Baile, 1st Floor, No. 101 and 103

Phone: +62-21-3104516

Fax: +62-21-3927516

Email: penguruspusatperdami@yahoo.co.id / secretariat@perdami.or.id

Website: www.perdami.or.id

CO-SPONSOR



Academia Ophthalmologica Internationalis (AOI)

The Academia Ophthalmologica Internationalis (AOI) is a university-centered international organization committed to excellence in education, research, and culturally appropriate medical services to preserve and restore vision for people of the world. Its first meeting was held in Ghent, Belgium on April 10, 1976. Active membership is limited to 100 Chairs, each assigned a roman numeral from I to C. AOI Members are formally nominated and elected by the membership to fill a specific Chair once it becomes vacant. An ophthalmologist who has been engaged in the study, research, or practice of ophthalmology for at least 15 years and who has published not less than 100 scientific papers, reports, or books is eligible to be nominated for membership. Currently, our Active and Emeritus membership represents 35 countries around the world.

The current programs of AOI include the following:

1. A directory of international ophthalmology training programs on our website to serve as a resource to help support research capacity building in less developed countries.
2. Grants to support research and clinical fellowships offered through the Ophthalmology Foundation.
3. Organization and participation of clinical and research-oriented symposia by AOI members at educational meetings around the globe.

Throughout the world, 37 million people are blind and 295 million have moderate or severe visual impairment. Projections estimate that blindness and severe visual impairment will greatly increase in the years ahead. To address this problem, the Academia Ophthalmologica Internationalis (AOI), the International Council of Ophthalmology (ICO), and representatives of vision care organizations and industry formulated the International Ophthalmology Strategic Plan to Preserve and Restore Vision—Vision for the Future. This joint effort is supported by the Ophthalmology Foundation and closely related to and intertwined with The Global Initiative for the Elimination of Avoidable Blindness/Vision 2020—The Right to Sight, a multi-year program sponsored by the World Health Organization and the International Agency for the Prevention of Blindness.

Current Officers (2022-2026)

President: Professor Richard L. ABBOTT

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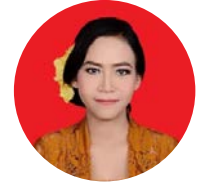
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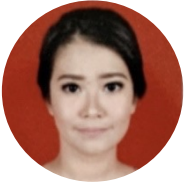


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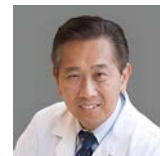
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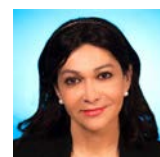
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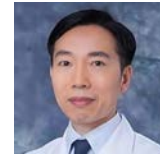
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Academy of Ophthalmology

Distinguished Professor

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Clinical Sciences Teaching Organisation
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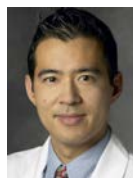
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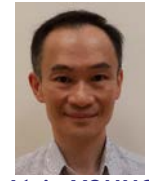
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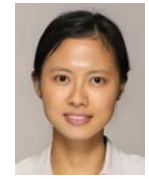
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Afghanistan Society of Ophthalmology



All India Ophthalmological Society



Brunei Ophthalmology Society (Associate Member)



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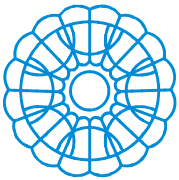
The Hong Kong Ophthalmological Society



The Royal Australian and New Zealand College of Ophthalmologists



The Royal College of Ophthalmologists of Thailand



Vietnam Ophthalmological Society



Iranian Society of Ophthalmology



Myanmar Ophthalmological Society



Lao Ophthalmological Society (Associate Member)



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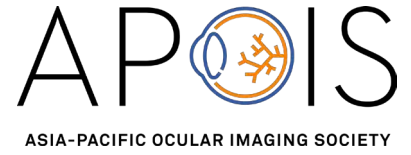
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Asia Cornea Society



Asia-Pacific Glaucoma Society



Asia-Pacific
Ocular Imaging Society



Asia-Pacific
Ophthalmic Trauma Society



Asia-Pacific Society of
Ocular Oncology and Pathology



Asia-Pacific Society of Ophthalmic
Plastic and Reconstructive Surgery



Asia-Pacific Strabismus and
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Asia-Pacific
Tele-Ophthalmology Society



Asia-Pacific Vitreo-retina Society



Asia Dry Eye Society
(Associate Member)



Asian Neuro-Ophthalmology Society
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PROGRAM OVERVIEW

	Feb 21 (Wed) Day 0	Feb 22 (Thu) Day 1	Feb 23 (Fri) Day 2	
06:30-07:00				
07:00-07:30				
07:30-08:00				
08:00-08:30			Breakfast Symposium (S)* (08:00-08:45)	
08:30-08:45				
08:45-09:00			Break	
09:00-09:30	APAO Standing Committee Meetings (09:00-11:45)	APAO Scientific Sessions (09:00-10:30)	APAO Scientific Sessions (09:00-10:30)	
09:30-10:00				
10:00-10:30		Break	Break	Wet Lab Sessions (S) (10:00 - 12:00)
10:30-11:00		APAO Scientific Sessions (11:00-12:30)	APAO Scientific Sessions (11:00-12:30)	
11:00-11:30				
11:30-12:00	APAO Council Luncheon (11:45-14:00)	Break	Break	
12:00-12:30				
12:30-13:00		Lunch Symposia (S) (13:00-14:00)	Lunch Symposia (S) (13:00-14:00)	
13:00-13:30			APAO WIO Luncheon (12:45 - 14:15)	
13:30-14:00				
14:00-14:30	APAO Council Meeting (14:00-16:30)	APAO Opening Ceremony (14:15-15:15)	Break	Wet Lab Sessions (S) (14:00 - 16:00)
14:30-15:00				
15:00-15:30		APAO Plenary Session I (15:15-16:45)	APAO Scientific Sessions (14:30-16:00)	
15:30-16:00				
16:00-16:30	Break		Break	Award Ceremony I (16:00-17:00)
16:30-17:00				
17:00-17:30	APAO General Assembly (17:00-18:00)	APAO Plenary Session II (16:45-18:15)	APAO Scientific Sessions (16:30-18:00)	
17:30-18:00				
18:00-18:30			APAO Plenary Session III (18:00-19:00)	Young Ophthalmologists' Night (18:00-22:00)
18:30-19:00				
19:00-19:30				
19:30-20:00				
20:00-20:30		Presidential Dinner (19:00-21:30)		
20:30-21:00				
21:00-21:30				
21:30-22:00				

*Breakfast Symposium: 45 minutes; S = Sponsored Program with no CME points

	Feb 24 (Sat) Day 3		Feb 25 (Sun) Day 4	
06:30-07:00				
07:00-07:30		Fundraising Run (06:30-08:00)		
07:30-08:00				
08:00-08:30				
08:30-08:45				
08:45-09:00				
09:00-09:30				
09:30-10:00		APAO Scientific Sessions (09:00-10:30)		Wet Lab Sessions (08:30 - 10:30)
10:00-10:30				
10:30-11:00		Break	Wet Lab Sessions (S) (10:00 - 12:00)	Break
11:00-11:30				
11:30-12:00		APAO Scientific Sessions (11:00-12:30)		Wet Lab Sessions (11:00 - 13:00)
12:00-12:30				
12:30-13:00		Break		
13:00-13:30		Lunch Symposia (S) (13:00-14:00)	APAO LDP Alumni Reception (13:00 - 14:00)	
13:30-14:00				
14:00-14:30		Break		
14:30-15:00				
15:00-15:30		APAO Scientific Sessions (14:30-16:00)	Wet Lab Sessions (S) (14:00 - 16:00)	
15:30-16:00				
16:00-16:30		Break		
16:30-17:00				
17:00-17:30		APAO Scientific Sessions (16:30-18:00)		
17:30-18:00				
18:00-18:30				
18:30-19:00				
19:00-19:30				
19:30-20:00				
20:00-20:30		Award Ceremony II & Cultural Party (18:15 - 22:00)		
20:30-21:00				
21:00-21:30				
21:30-22:00				

Registration

Exhibition

Registration

Exhibition

S = Sponsored Program with no CME points

SCIENTIFIC SESSIONS

*The program schedule may be subject to change as required.
Please visit <https://2024.apaophth.org/program-schedule/> for any update.

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Kintamani Rooms = BNDCC1-MF Tanjung Benoa Hall = BNDCC2-1F
Singaraja Halls = BNDCC1-1F

DAY 1 – February 22, 2024 (Thursday)

Time	Venue	Subspecialty	Type	Theme
09:00 10:30	Uluwatu 7	Pediatric Ophthalmology and Strabismus	IC	Practical Management of Thyroid Eye Disease (TED)
	Uluwatu 1	Academia, Research, Teaching and Education in Ophthalmology	SYM	A Global Vision: Opportunities and Challenges for Building Human Capacity to Sustain Quality Eye Care
	Pecatu Hall	Cataract	SYM	Presbyopia: News in Management
	Singaraja 2	Retina (Surgical)	SYM	Updates in Vitreoretinal Surgery Technology and Techniques
	Kintamani 5	AI, Digital Innovation and Virtual Health	IC	How to Set Up a Virtual Glaucoma Clinic – The Singapore Experience
	Kintamani 7	Pediatric Ophthalmology and Strabismus	SYM	Prescribing Glasses in Children
	Uluwatu 2	Translational Research in Ophthalmology	SYM	[IOA-INARVOS Joint Symposium] Optimization of Functional Vision
	Singaraja 1	Refractive Surgery	IC	Refractive Lens Exchange and New Intraocular Lenses
	Mengwi 6,7,8	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	SYM	[ACS Symposium] Advancements in Corneal Diagnosis and Treatment: A State-of-the-Art Overview
	Mengwi 3,5	Glaucoma	IC	The Quandary of a Failing Bleb: “Strike When the Bleb Is Hot”
	Uluwatu 6	Miscellaneous	WS	APAO Leadership Development Program (LDP) 2024-25 Orientation Class 1
	Uluwatu 4	Visual Sciences	SYM	The Confluence of Data Science and Visual Sciences
	Kintamani 1	Orbital and Oculoplastic Surgery	SYM	[APSOPRS Symposium] Clinical Features of Eyelid and Orbital Diseases in Asian Population: Bridging the Gap Between Asian and Western Patients

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Mengwi Rooms = BNDCC2-GF
Pecatu Halls = BNDCC2-GF
Tanjung Benoa Hall = BNDCC2-1F

DAY 1 – February 22, 2024 (Thursday)

Time	Venue	Subspecialty	Type	Theme
09:00	Kintamani 6	Ocular Imaging	SYM	Recent Updates on Ocular Imaging Approaches
10:30	Kintamani 2	Myopia	SYM	Pathologic Myopia and Its Consequences
	Mengwi 1,2	Glaucoma	SYM	[IOA-IGS Joint Symposium] Secondary Glaucoma
	Kintamani 3	Ocular Oncology and Pathology	IC	A to Z of Ocular Surface Tumours for General Ophthalmologists
10:30	Showcase Theater	Miscellaneous	PP	APAO Poster Discussion I
11:00	Singaraja 1	Retina (Surgical)	SYM	Macular Surgery
12:30	Uluwatu 7	Orbital and Oculoplastic Surgery	IC	Orbital Vascular Anomalies - Management Update
	Uluwatu 6	Miscellaneous	WS	APAO Leadership Development Program (LDP) 2024-25 Orientation Class 2
	Kintamani 1	Intraocular Inflammation, Uveitis and Scleritis	SYM	Detecting Pathogens and Evaluating Immune Response to Diagnose and Manage Uveitis: Current Approach and What Is Over the Horizon
	Uluwatu 2	AI, Digital Innovation and Virtual Health	FP	Rapid Fire AI, Digital Innovation and Virtual Health Update Session (1)
	Mengwi 6,7,8	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	SYM	Advances in Corneal/Ocular Surface Therapy
	Kintamani 2	Pediatric Ophthalmology and Strabismus	SYM	Pediatric Anterior Segment Disorders
	Kintamani 5	Translational Research in Ophthalmology	SYM	Translational Research in Diagnostics and Treatments for Eye Diseases
	Kintamani 6	AI, Digital Innovation and Virtual Health	SYM	Emerging Trends for AI and Robotics in Ophthalmology
11:00	Pecatu Hall	Cataract	SYM	Complex Cataracts
12:30	Mengwi 3,5	Glaucoma	FP	Rapid Fire Glaucoma Update Session (2)

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 Singaraja Halls = BNDCC1-1F

DAY 1 – February 22, 2024 (Thursday)

Time	Venue	Subspecialty	Type	Theme
	Mengwi 1,2	Retina (Medical)	FP	Rapid Fire Retina (Medical) Update Session (3)
	Kintamani 7	Neuro-Ophthalmology	SYM	Controversies in Neuro-Ophthalmology
	Kintamani 3	Ocular Oncology and Pathology	SYM	Retinoblastoma
	Singaraja 2	Glaucoma	SYM	Clinical Debates in Glaucoma
	Uluwatu 1	Ophthalmic Epidemiology and Prevention of Blindness	SYM	[IOA-INACOS Joint Symposium] 2030 in Sight: Where Are We Now?
	Uluwatu 4	Myopia	FP	Rapid Fire Myopia Update Session
15:15	Pecatu Hall	Miscellaneous	SYM	APAO Plenary Session I
16:45				
16:45	Pecatu Hall	Miscellaneous	SYM	APAO Plenary Session II
18:15				

DAY 2 – February 23, 2024 (Friday)

Time	Venue	Subspecialty	Type	Theme
09:00	Uluwatu 2	Academia, Research, Teaching and Education in Ophthalmology	FP	Rapid Fire Academia, Research, Teaching and Education in Ophthalmology & Visual Sciences Update Session
10:30				
	Kintamani 6	Ocular Imaging	SYM	Implementing Ocular Imaging Technologies Into Clinical Practice
	Singaraja 1	Refractive Surgery	SYM	An Update in Corneal Refractive Surgery: What Is Known and What Is Coming
	Mengwi 1,2	Pediatric Ophthalmology and Strabismus	SYM	[IOA-INAPOSS Joint Symposium] The Scoop of Handling POS Cases

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Mengwi Rooms = BNDCC2-GF
Pecatu Halls = BNDCC2-GF
Tanjung Benoa Hall = BNDCC2-1F

DAY 2 – February 23, 2024 (Friday)

Time	Venue	Subspecialty	Type	Theme
09:00	Kintamani 2	Myopia	SYM	[APMS Symposium] Myopia Control: New Treatment
10:30	Pecatu Hall 3, 5	Retina (Surgical)	SYM	Management of Vitreoretinal Surgery Complications
	Pecatu Hall 1, 2	Retina (Medical)	SYM	Diabetic Macular Edema (DME)
	Kintamani 7	Neuro-Ophthalmology	CC	Challenging Cases in Neuro-Ophthalmology
	Uluwatu 1	Ophthalmic Epidemiology and Prevention of Blindness	SYM	“Executive Summary”: Everything You Need to Know About Novel Approaches to Global Eye Health and Epidemiology in South-East Asia
	Mengwi 6,7,8	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	SYM	[Cornea Society Symposium] FECD: From Surgery to Medical Management
	Singaraja 2	Cataract	SYM	Indications and Techniques for IOL Exchange
	Kintamani 1	Ocular Trauma	SYM	[APOTS Ophthalmic Trauma Program] In a Blink: Understanding Ophthalmic Trauma
	Kintamani 3	Ocular Oncology and Pathology	IC	Retinoblastoma 2024 - They Live and See
	Mengwi 3,5	Glaucoma	CC	[IOA-IGS Joint Symposium] Difficult Cases of Secondary Glaucoma
	Uluwatu 7	Orbital and Oculoplastic Surgery	IC	Lower Eyelid Blepharoplasty- Techniques and Challenges
	Uluwatu 4	Visual Sciences	SYM	Global Collaboration in Eye Research and Participation in the Asia-Pacific Region
	Uluwatu 6	Miscellaneous	WS	APAO Leadership Development Program (LDP) 2024-25 Orientation Class 3
10:30	Showcase Theater	Miscellaneous	SYM	APAO Quiz
11:30				

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 Singaraja Halls = BNDCC1-1F

DAY 2 – February 23, 2024 (Friday)

Time	Venue	Subspecialty	Type	Theme
11:00	Uluwatu 7	Refractive Surgery	FP	Rapid Fire Refractive Surgery Update Session
12:30	Uluwatu 6	Miscellaneous	WS	APAO Leadership Development Program (LDP) 2024-25 Orientation Class 4
	Kintamani 6	AI, Digital Innovation and Virtual Health	SYM	AI in Ophthalmology: Crossing the Valley of Death
	Kintamani 3	Ocular Oncology and Pathology	IC	Ocular Surface Tumors: Comprehensive Insights and Management Strategies
	Kintamani 1	Orbital and Oculoplastic Surgery	IC	Tips and Tricks on Thyroid Eye Disease (TED)
	Uluwatu 4	Pediatric Ophthalmology and Strabismus	FP	Rapid Fire Pediatric Ophthalmology and Strabismus Update Session (2)
	Mengwi 6,7,8	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	SYM	Next Generation Eye Banking
	Uluwatu 2	Ocular Oncology and Pathology	FP	Rapid Fire Ocular Oncology and Pathology Update Session (2)
	Kintamani 7	Translational Research in Ophthalmology	SYM	[AOI Symposium] Areas Where Basic Science Has Given New Insight Into Pathobiology of Ocular Diseases
	Uluwatu 1	Cataract	SYM	[IOA-INASCRS Joint Symposium] Cataract Surgery From Simple to Advanced Settings
	Kintamani 2	Intraocular Inflammation, Uveitis and Scleritis	SYM	[APAO WIO Symposium] Ocular Infections: What We Can't Afford to Miss!
	Pecatu Hall 1, 2	Retina (Medical)	SYM	Proliferative Diabetic Retinopathy (PDR)
	Kintamani 5	Neuro-Ophthalmology	IC	A Patient with Diplopia: A Case-based Approach
	Mengwi 3,5	Ocular Trauma	IC	Expert Guided Approach to Ocular Trauma
	Pecatu Hall 3, 5	Glaucoma	SYM	New Drugs, New Devices, and New Products
	Singaraja 2	Retina (Surgical)	SYM	Pediatric Retinal Surgery

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Mengwi Rooms = BNDCC2-GF
Pecatu Halls = BNDCC2-GF
Tanjung Benoa Hall = BNDCC2-1F

DAY 2 – February 23, 2024 (Friday)

Time	Venue	Subspecialty	Type	Theme
11:00 12:30	Singaraja 1 Mengwi 1,2	Refractive Surgery Pediatric Ophthalmology and Strabismus	SYM SYM	Presbyopia Correction: What Is True, What Is Fake, and What Is Working [IOA-INAPOSS Joint Symposium] POS Cases: Dive Into Every Corner
12:00 12:30	Showcase Theater	Miscellaneous	PP	APAO Poster Discussion II
14:30 16:00	Mengwi 1,2 Mengwi 3,5 Pecatu Hall 3, 5 Kintamani 6 Kintamani 2 Uluwatu 1 Kintamani 7 Singaraja 2 Kintamani 3 Kintamani 5 Pecatu Hall 1, 2	Retina (Surgical) Miscellaneous Glaucoma AI, Digital Innovation and Virtual Health Pediatric Ophthalmology and Strabismus Academia, Research, Teaching and Education in Ophthalmology Cataract Cataract Ocular Oncology and Pathology Ophthalmic Epidemiology and Prevention of Blindness Retina (Medical)	SYM SYM SYM SYM SYM SYM SYM SYM SYM	[IOA-INAVRS Joint Symposium] Retinal Artery and Vein Occlusion: From Diagnosis to Treatment APAO Young Ophthalmologists (YO) Symposium Clinical Studies and Trials in Glaucoma Novel AI and Digital Technology for Ocular Adnexa and Anterior Segment Lessons Learnt in Strabismus How to Improve My Research Project Cataract Surgery in Previously Operated Complex Eyes: A Video-assisted Course Controversies in Cataract Surgery: Debate New Research Developments in Ocular Oncology [ICO Symposium] Meeting Global Eye Health Needs Polypoidal Choroidal Vasculopathy (PCV)

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 Singaraja Halls = BNDCC1-1F

DAY 2 – February 23, 2024 (Friday)

Time	Venue	Subspecialty	Type	Theme
14:30 16:00	Kintamani 1	Intraocular Inflammation, Uveitis and Scleritis	SYM	Multimodal Imaging (MMI) to Refine Differential Diagnosis and Monitor Response to Treatment in Infectious and Non-infectious Uveitis
	Singaraja 1	Refractive Surgery	CC	What I Did Wrong and How I Solved It
	Mengwi 6,7,8	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	SYM	Improving Outcome in Ocular Surface Diagnosis and Management
	Uluwatu 2	Translational Research in Ophthalmology	SYM	[IOA-INARVOS Joint Symposium] Panel Discussion
14:30 15:00	Showcase Theater	Miscellaneous	PP	APAO Poster Discussion III
14:30 16:00	Uluwatu 7	Orbital and Oculoplastic Surgery	IC	Oculofacial Aesthetics: Non-Surgical Periocular Rejuvenation
	Uluwatu 4	Visual Sciences	SYM	Illuminating Perspectives: Unraveling the Mechanisms of Light Therapy Strategies in Ophthalmology
16:30 18:00	Kintamani 5	Translational Research in Ophthalmology	SYM	Translational Research in Imaging, Digital Ophthalmology, and Artificial Intelligence
	Mengwi 6,7,8	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	SYM	[ADES Symposium] Recent Advances in Basic Science and Clinical Practice in Dry Eye in Asia
	Uluwatu 4	Intraocular Inflammation, Uveitis and Scleritis	FP	Rapid Fire Intraocular Inflammation, Uveitis and Scleritis Update Session
	Singaraja 1	Refractive Surgery	IC	Ocular Surface in Refractive and Premium IOL Surgery
	Uluwatu 1	Ophthalmic Epidemiology and Prevention of Blindness	SYM	“Executive Summary”: Everything You Need to Know About Novel Approaches to Global Eye Health and Epidemiology in Bangladesh, India, Nepal, Pakistan, and Sri Lanka

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Mengwi Rooms = BNDCC2-GF
Pecatu Halls = BNDCC2-GF
Tanjung Benoa Hall = BNDCC2-1F

DAY 2 – February 23, 2024 (Friday)

Time	Venue	Subspecialty	Type	Theme
16:30 18:00	Uluwatu 2	Ophthalmic Epidemiology and Prevention of Blindness	FP	Rapid Fire Ophthalmic Epidemiology and Prevention of Blindness Update Session
	Singaraja 2	Cataract	SYM	IOL Fixation
	Kintamani 7	Neuro-Ophthalmology	SYM	Emergency Neuro-Ophthalmology
	Pecatu Hall 3, 5	Glaucoma	SYM	MIGS Present and Future
	Mengwi 3,5	Glaucoma	FP	Rapid Fire Glaucoma Update Session (4)
	Kintamani 6	Academia, Research, Teaching and Education in Ophthalmology	SYM	[AOI Symposium] New Principles in Education
	Kintamani 3	Ocular Oncology and Pathology	IC	Surgical Resection of Large Choroidal Melanoma
	Kintamani 2	Pediatric Ophthalmology and Strabismus	SYM	Do's and Don'ts in Strabismus Surgery
	Pecatu Hall 1, 2	Retina (Medical)	SYM	Drug Toxicities in Retina
	Kintamani 1	Orbital and Oculoplastic Surgery	SYM	Orbit, Trauma, and Socket: Current Evolution and Future Challenges
	Uluwatu 6	Ocular Trauma	IC	The Trauma Series: Management of Eyelid, Orbit and Lacrimal Injuries
	Mengwi 1,2	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	FP	Rapid Fire Cornea, Dry Eyes, External Eye Diseases and Eye Banking Update Session (1)
	Uluwatu 7	Cataract	FP	Rapid Fire Cataract Update Session (1)
18:00 19:00	Tanjung Benoa Hall	Miscellaneous	SYM	APAO Plenary Session III

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DAY 3 – February 24, 2024 (Saturday)

Time	Venue	Subspecialty	Type	Theme
09:00 10:30	Pecatu Hall 1, 2	Retina (Medical)	SYM	Neovascular (Wet) Age-Related Macular Degeneration (AMD)
	Kintamani 2	Myopia	SYM	[IMI Symposium] Myopia Management Masterclass: Practical Solutions
	Singaraja 2	Cataract	SYM	How to Improve Your Cataract Outcomes
	Kintamani 5	Orbital and Oculoplastic Surgery	IC	Oops in Ophthalmic Plastic Surgery: Managing Complications of Common Surgeries in Ophthalmic Plastics
	Uluwatu 7	Retina (Surgical)	FP	Rapid Fire Retina (Surgical) Update Session
	Uluwatu 2	Translational Research in Ophthalmology	FP	Rapid Fire Translational Research in Ophthalmology Update Session
	Uluwatu 4	Visual Sciences	SYM	Ocular Organoids From Pluripotent Stem Cells
	Mengwi 6,7,8	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	IC	Video-based Surgical Pearls In Cornea -From Surface to Endothelium
	Kintamani 3	Orbital and Oculoplastic Surgery	SYM	[IOA-INASOPRS Joint Symposium] Reconstruction (Orbit, Eyelid and Lacrimal Problems)
	Uluwatu 1	Academia, Research, Teaching and Education in Ophthalmology	SYM	The Best Evidence in Medical Education – A 5-Year Review
	Pecatu Hall 3, 5	Glaucoma	SYM	Glaucoma in the Next 10 Years
	Kintamani 6	AI, Digital Innovation and Virtual Health	SYM	Artificial Intelligence and Digital Innovation for Global Health
	Mengwi 3,5	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	FP	Rapid Fire Cornea, Dry Eyes, External Eye Diseases and Eye Banking Update Session (2)
	Singaraja 1	Refractive Surgery	SYM	Phakic IOLs: Innovations and Updates on Their Best Indications

CC = Challenging Cases
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Showcase Theater = BNDCC1-GF
Uluwatu Rooms = BNDCC1-GF
Kintamani Rooms = BNDCC1-MF
Singaraja Halls = BNDCC1-1F

Mengwi Rooms = BNDCC2-GF
Pecatu Halls = BNDCC2-GF
Tanjung Benoa Hall = BNDCC2-1F

DAY 3 – February 24, 2024 (Saturday)

Time	Venue	Subspecialty	Type	Theme
09:00 10:30	Uluwatu 6 Mengwi 1,2 Kintamani 7 Kintamani 1	Miscellaneous Cornea, Dry Eyes, External Eye Diseases and Eye Banking Neuro-Ophthalmology Ocular Trauma	SYM SYM CC	APAO Leadership Development Program (LDP) 2023-24 Graduating Class 1 [IOA-INOIIS Joint Symposium] Infection and Inflammation on the Cornea and External Part of the Eye [NANOS Symposium] Paradigm Shifts in Neuro-Ophthalmology [APOTS Ophthalmic Trauma Program] Eye of the Storm: Ophthalmic Trauma Challenge
09:00 09:30	Showcase Theater	Miscellaneous	PP	APAO Poster Discussion IV
11:00 12:30	Pecatu Hall 1, 2 Kintamani 2 Singaraja 2 Kintamani 3 Kintamani 1 Uluwatu 4 Singaraja 1 Mengwi 6,7,8 Mengwi 1,2 Kintamani 6	Cornea, Dry Eyes, External Eye Diseases and Eye Banking Pediatric Ophthalmology and Strabismus Retina (Surgical) Ocular Oncology and Pathology Intraocular Inflammation, Uveitis and Scleritis Visual Sciences Refractive Surgery Retina (Medical) Ophthalmic Epidemiology and Prevention of Blindness Ocular Imaging	SYM SYM SYM SYM SYM SYM IC SYM IC SYM	Infections You Don't Want to Miss! Pediatric Non-strabismus Conditions You Should Not Miss Cataract and Vitreoretinal Surgery Meet! Uveal Melanoma Drug Delivery and Emerging Therapies in Management of Uveitis and Scleritis [APSEG Symposium] Glaucoma Genetics Corneal Topography and Aberrometry Geographic Atrophy A Focus on the Role of Sex and Gender in Eye Health [APOIS Symposium] Visualizing the Invisible: The Power of Ocular Imaging in Diagnosis and Treatment

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Pecatu Halls = BNDCC2-GF
Tanjung Benoa Hall = BNDCC2-1F

DAY 3 – February 24, 2024 (Saturday)

Time	Venue	Subspecialty	Type	Theme
11:00 12:30	Uluwatu 1	Ophthalmic Epidemiology and Prevention of Blindness	SYM	“Executive Summary”: Everything You Need to Know about Novel Approaches to Global Eye Health and Epidemiology in Hong Kong, Taipei, and Mainland China
	Mengwi 3,5	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	IC	Keratoprosthesis Surgery: The Routine and The Complex
	Kintamani 5	Translational Research in Ophthalmology	SYM	Translational Research in Cell and Gene Therapy in Ophthalmology
	Kintamani 7	Orbital and Oculoplastic Surgery	IC	Uncommon Solutions for Common Problems in Oculofacial Surgery
	Pecatu Hall 3, 5	Glaucoma	SYM	AI and Big Data in Glaucoma
	Uluwatu 2	AI, Digital Innovation and Virtual Health	FP	Rapid Fire AI, Digital Innovation and Virtual Health Update Session (2)
	Uluwatu 6	Miscellaneous	SYM	APAO Leadership Development Program (LDP) 2023-24 Graduating Class 2
	Uluwatu 7	Cataract	SYM	[IOA-INASCRS Joint Symposium] Complications in Cataract Surgery
14:30 16:00	Uluwatu 4	Visual Sciences	SYM	Asia Pacific Inherited Eye Disease (APIED) Symposium
	Mengwi 3,5	Glaucoma	FP	Rapid Fire Glaucoma Update Session (1)
	Mengwi 6,7,8	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	IC	How Do Current Perspectives Alter Management Strategies of Keratoconus
	Kintamani 5	Academia, Research, Teaching and Education in Ophthalmology	WS	[APAO Research Workshop] Can I Use AI ChatBots to Write a Scientific Paper?
	Kintamani 7	Retina (Medical)	IC	An Introduction to Inherited Retina Diseases, Genetic Testing and Current Gene-based Treatment Strategies

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Pecatu Halls = BNDCC2-GF
Tanjung Benoa Hall = BNDCC2-1F

DAY 3 – February 24, 2024 (Saturday)

Time	Venue	Subspecialty	Type	Theme
14:30 16:00	Uluwatu 6	Retina (Medical)	FP	Rapid Fire Retina (Medical) Update Session (1)
	Singaraja 2	Cataract	SYM	Pupil Reconstruction
	Uluwatu 1	Ophthalmic Epidemiology and Prevention of Blindness	SYM	Improving Access and Promoting Equity in Eye Health in Australia, New Zealand, and Pacific Islands: Use of New Tools and Approaches
	Kintamani 3	Neuro-Ophthalmology	SYM	[IOA-INANOS Joint Symposium] Optic Nerve Dilemma in Daily Practice
	Pecatu Hall 1, 2	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	SYM	[AOI Symposium] Improving Care of the Anterior Segment
	Kintamani 6	AI, Digital Innovation and Virtual Health	SYM	Safe and Responsible AI in Ophthalmology
	Kintamani 2	Pediatric Ophthalmology and Strabismus	SYM	Pediatric Retinal Disorders and Retinopathy of Prematurity (ROP)
	Pecatu Hall 3, 5	Glaucoma	SYM	Basic Science in Glaucoma
	Kintamani 1	Orbital and Oculoplastic Surgery	SYM	Updates in the Management of Eyelid Disorders
	Uluwatu 7	Cataract	FP	Rapid Fire Cataract Update Session (2)
	Uluwatu 2	Ocular Oncology and Pathology	FP	Rapid Fire Ocular Oncology and Pathology Update Session (1)
	Singaraja 1	Retina (Surgical)	SYM	[APVRS Symposium] Controversies in Vitreoretinal Surgery
	Mengwi 1,2	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	FP	Rapid Fire Cornea, Dry Eyes, External Eye Diseases and Eye Banking Update Session (4)

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Pecatu Halls = BNDCC2-GF
Tanjung Benoa Hall = BNDCC2-1F

DAY 3 – February 24, 2024 (Saturday)

Time	Venue	Subspecialty	Type	Theme
16:30	Pecatu Hall 1, 2	Retina (Medical)	SYM	Hot Topics in Retina
18:00	Kintamani 7	Neuro-Ophthalmology	SYM	[ASNOS Symposium] Neuro-Ophthalmology in Asia
	Kintamani 1	Ocular Trauma	IC	[APOTS Ophthalmic Trauma Program] Mastering Ophthalmic Trauma: A 90-Minute Masterclass
	Uluwatu 4	Neuro-Ophthalmology	FP	Rapid Fire Neuro-Ophthalmology Update Session
	Kintamani 3	Translational Research in Ophthalmology	SYM	[AOI Symposium] Genetics in Ophthalmology
	Mengwi 1,2	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	FP	Rapid Fire Cornea, Dry Eyes, External Eye Diseases and Eye Banking Update Session (3)
	Singaraja 1	Retina (Surgical)	VS	Sticky Surgical Situations – A Video Symposium
	Uluwatu 1	Ophthalmic Epidemiology and Prevention of Blindness	SYM	“Executive Summary”: Everything You Need to Know about Novel Approaches to Global Eye Health and Epidemiology in Japan, Mongolia, South Korea, and the Philippines
	Uluwatu 2	Ocular Imaging	FP	Rapid Fire Ocular Imaging Update Session
	Mengwi 6,7,8	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	SYM	Kpro Study Group
	Singaraja 2	Cataract	SYM	[APAO-ESCRS Joint Symposium] Biometry and IOL Calculation
	Mengwi 3,5	Retina (Medical)	FP	Rapid Fire Retina (Medical) Update Session (4)
	Uluwatu 7	Orbital and Oculoplastic Surgery	IC	Anomalies of the Anophthalmic Socket - A Logarithmic Approach to Management

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DAY 3 – February 24, 2024 (Saturday)

Time	Venue	Subspecialty	Type	Theme
16:30 18:00	Kintamani 2	Pediatric Ophthalmology and Strabismus	SYM	[APSPPOS symposium] Pediatric Neuro-Ophthalmological Conditions You Have to Know
	Pecatu Hall 3, 5	Glaucoma	SYM	[APGS-AACGC Joint Symposium] Angle Closure Glaucoma
	Kintamani 6	Cataract	IC	IOL Fixation Tehcniques
	Uluwatu 6	Orbital and Oculoplastic Surgery	FP	Rapid Fire Orbital and Oculoplastic Surgery Update Session (1)
	Kintamani 5	Intraocular Inflammation, Uveitis and Scleritis	SYM	[IOA-INOIIS Joint Symposium] Recalling and Immersing Uveitis Entities

DAY 4 – February 25, 2024 (Sunday)

Time	Venue	Subspecialty	Type	Theme
08:30 10:30	Uluwatu 3	Cataract	WLC	[ISMSICS Wet Lab Course] Hands-on Training in MSICS, the State of Art Cataract Surgery 1
09:00 10:30	Mengwi 1,2	Pediatric Ophthalmology and Strabismus	IC	Simplifying Strabismus: Managing Basic to Complex Cases
	Singaraja 2	Cataract	SYM	Capsule Complications
	Uluwatu 6	Pediatric Ophthalmology and Strabismus	FP	Rapid Fire Pediatric Ophthalmology and Strabismus Update Session (1)
	Kintamani 2	Myopia	SYM	Myopia Epidemiology and National Strategy
	Mengwi 6,7,8	Cataract	IC	Transitioning to Complex Anterior Segment Surgery for General Ophthalmologists
	Kintamani 3	Ocular Oncology and Pathology	SYM	Eyelid and Orbit
	Pecatu Hall 3, 5	Glaucoma	IC	Surgeries in Refractory Glaucoma
	Mengwi 3,5	Ocular Trauma	IC	Beyond the Eye: Navigating Orbito-Facial Trauma
	Kintamani 7	Refractive Surgery	IC	Path to Consistent Results in Phakic IOLs

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Mengwi Rooms = BNDCC2-GF
Pecatu Halls = BNDCC2-GF
Tanjung Benoa Hall = BNDCC2-1F

DAY 4 – February 25, 2024 (Sunday)

Time	Venue	Subspecialty	Type	Theme
09:00 10:30	Uluwatu 2	Ophthalmic Epidemiology and Prevention of Blindness	SYM	[IOA-INACOS Joint Symposium] 2030 in Sight: Challenges and How to Deal With Them
	Singaraja 1	Retina (Surgical)	SYM	Retinal Detachment Surgery
	Kintamani 5	Translational Research in Ophthalmology	SYM	Strategies and Lessons in Translational Research and Implementation in Ophthalmology: From Bench to Patients
	Pecatu Hall 1, 2	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	SYM	Corneal and Anterior Segment Imaging
	Uluwatu 1	Neuro-Ophthalmology	SYM	[IOA-INANOS Joint Symposium] Neuro-Ophthalmic Complications in Systemic Diseases: A Case-based Approach
	Uluwatu 7	Orbital and Oculoplastic Surgery	IC	Sculpting Elegance: An Ophthalmologist's Approach to Periocular Aesthetic Surgery
	Kintamani 1	Intraocular Inflammation, Uveitis and Scleritis	SYM	Uveitis in Children: Challenges in Diagnosis and Treatment
	Kintamani 6	AI, Digital Innovation and Virtual Health	SYM	Artificial Intelligence and Deep Learning in Ocular Imaging for Posterior Segment Imaging
	Uluwatu 4	Orbital and Oculoplastic Surgery	FP	Rapid Fire Orbital and Oculoplastic Surgery Update Session (2)
11:00 12:30	Kintamani 6	Ocular Imaging	SYM	Obtaining Insight Into Pathophysiology of Eye Diseases Using High-Resolution Imaging
	Kintamani 5	Academia, Research, Teaching and Education in Ophthalmology	SYM	The Next Step in Medical Education: Technology and AI
	Pecatu Hall 1, 2	Cornea, Dry Eyes, External Eye Diseases and Eye Banking	SYM	Cataract Surgery in the Presence of...
	Mengwi 6,7,8	Retina (Medical)	SYM	Inherited Retinal Degeneration
	Uluwatu 2	Ocular Oncology and Pathology	SYM	[IOA-INASOPRS Joint Symposium] Oncology

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Pecatu Halls = BNDCC2-GF
Tanjung Benoa Hall = BNDCC2-1F

DAY 4 – February 25, 2024 (Sunday)

Time	Venue	Subspecialty	Type	Theme
11:00 12:30	Singaraja 2	Cataract	SYM	IOL Options in Eyes With Co-existing Pathology
	Mengwi 3,5	Retina (Medical)	FP	Rapid Fire Retina (Medical) Update Session (2)
	Kintamani 3	Retina (Surgical)	CC	[IOA-INAVRS Joint Symposium] Challenging Cases in Vitreoretinal Surgery
	Uluwatu 4	Visual Sciences	SYM	[GEGC-InaSGED Joint Symposium] Beyond GWAS: Uncovering Functional and Clinical Contexts of Genetic Variants for Eye Diseases
	Kintamani 2	Cataract	IC	Brown Black and White Cataract
	Uluwatu 1	Ophthalmic Epidemiology and Prevention of Blindness	SYM	[IAPB Symposium] 2030 in Sight-Integrated People-Centred Eye Care
	Pecatu Hall 3, 5	Glaucoma	IC	Imaging in Glaucoma
	Uluwatu 6	Ocular Trauma	FP	Rapid Fire Orbital and Oculoplastic Surgery & Ocular Trauma Update Session
	Singaraja 1	Refractive Surgery	SYM	[ISRS Symposium] Multifocal IOLs: How to Manage Them and How to Solve Their Complications
	Mengwi 1,2	Glaucoma	FP	Rapid Fire Glaucoma Update Session (3)
	Kintamani 7	Pediatric Ophthalmology and Strabismus	IC	Strabismus Problems: Lessons Learned From Difficult Cases
	Kintamani 1	Orbital and Oculoplastic Surgery	SYM	Towards Perfection in Lacrimal Surgery
	Uluwatu 7	Cataract	FP	Rapid Fire Cataract Update Session (3)
11:00 13:00	Uluwatu 3	Cataract	WLC	[ISMSICS Wet Lab Course] Hands-on Training in MSICS, the State of Art Cataract Surgery 2

CONGRESS INFORMATION

The following information is to facilitate your participation in the 39th APAO Congress in Bali, Indonesia. If you have any queries during the Congress or require assistance, please visit our Registration Counter.

Event Name

The 39th Asia-Pacific Academy of Ophthalmology Congress in conjunction with the 49th Indonesian Ophthalmologists Association Annual Meeting.

Congress Venue

Bali Nusa Dua Convention Center (BNDCC)
Kawasan Terpadu ITDC NW/1 Nusa Dua – Bali 80363, Indonesia

Registration Counter

The APAO 2024 Congress Registration Counter is located in Nusa Dua Hall Lobby, Ground Floor, BNDCC1 with the following opening hours:

Date	Time
February 21	10:00 – 17:00 (Exhibitors & Groups only)
	14:00 – 19:00 (Delegates)
February 22 – 24	07:30 – 18:00 (Open to all)
February 25	07:30 – 12:00 (Open to all)

On-Site Payments

On-site payments can be made in cash or by credit card at the Registration Counter during its opening hours. Cash and credit card payments are accepted in the local currency (Indonesian Rupiah) only.

Cheques are not accepted.

Name Badges

A week before the start of the Congress, all registered delegates will receive an enrollment letter by email. In the email, please find a QR code, which will allow you to access the scientific session rooms before name badges are printed on-site.

When you arrive at the Registration Counter, each delegate will receive a name badge, which serves as the official pass to enter:

- all Scientific Sessions;
- the Exhibition Hall; and
- the Opening Ceremony of APAO 2024

Delegates should wear their badges at all times during the Congress.

All badges are nontransferable. Reissuing of name badges for delegates and accompanying persons is available at the Registration Counter. An administrative fee of US\$20 may be incurred for reissuing a delegate badge.

Accompanying persons and exhibitors may enter only the Exhibition Hall and the Opening Ceremony.

Delegate Bag Collection

Delegate bags are available at the Registration area. You can collect your delegate bag once your name badge is issued.

Ribbon Collection

Ribbons are available for pickup at the Registration area.

Dress Code

Please wear business attire or your national costume at the Opening Ceremony.

Business casual is appropriate at Congress sessions and social functions.

Tourism Board Counter

A Tourism Board Counter will be available at Booth J023 in Jimbaran Lobby, BNDCC1 to assist you with information about Bali and booking trips in and around Bali during your stay.

APAO Congress App

The APAO Congress App is a user-friendly, interactive tool to enhance your Congress experience. The app features all the scientific sessions and instruction courses, posters, e-posters, video abstracts, general information, a floor plan, and a city map. It also allows you to interact with session speakers or panelists in real-time by posting questions in the 'Q&A' session of each symposium.

The app can be downloaded by scanning one of these QR codes:



ANDROID



IOS

You are recommended to update the app regularly. If you need assistance downloading it or navigating its functions, please visit the Registration Counter.

Final Books (Scientific Program/ Abstract Book/ Exhibition Directory)

The PDF copies of the Final Books (Scientific Program/ Abstract Book/ Exhibition Directory) are available online. Please visit <https://2024.apaophth.org/publications/>, or scan the QR code below:



As part of our green policy, there will be no hard copies of the Abstract Book and the Exhibition Directory. A printed excerpt of the Scientific Program will be distributed, while the full book is available online.

Speaker Ready Room

Speakers are required to check in and upload their PowerPoint presentations at the respective Speaker Ready Room 24 hours before their scheduled presentations.

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 or formatting issues.

The PowerPoint and video files you have uploaded onto the computer in the Speaker Ready Room will be automatically transmitted to the laptop computer at the podium before your session begins.

The Speaker Ready Room is located at Uluwatu 5, Ground Floor, BNDCC1, with the following opening hours:

Date	Time
February 21	14:00 – 19:00
February 22 – 24	07:30 – 18:00
February 25	07:30 – 12:00

Scientific Posters

Paper Posters

Paper posters are exhibited in the following areas of the Congress venue:

- PO-001—PO-080: Nusa Dua Hall, BNDCC1-GF
- PO-081—PO-200: Jimbaran Hall Lobby, BNDCC1-GF
- PO-201—PO-490: Singaraja Hall Lobby, BNDCC1-1F
- PO-491—PO-650: Kintamani Hall Lobby, BNDCC1-MF

Poster discussion sessions will be conducted at the Showcase Theater in Nusa Dua Hall, Ground Floor, BNDCC1, at the following times:

Date	Time
February 22	10:30 – 11:00
February 23	12:00 – 12:30; 14:30 – 15:00
February 24	09:00 – 09:30

Delegates can use the image scanner to scan the posters. They will be directed to an audio recording made by the author where applicable.

E-Posters & Videos

Delegates may visit the E-Poster and Video Stations located in Nusa Dua Hall and Singaraja Hall Lobby. They can also view e-posters via the Congress App. Viewers will be directed to an audio recording made by the author where applicable.

Voting for the Most Popular Posters/ e-Posters/ Videos

Delegates can vote for 5 of their favorite posters using the stickers provided in the delegate bag, and vote for 5 of their favorite e-posters and videos via the platform in the Exhibition Hall and/or the Congress App. Voting begins on February 22 at 09:00 and ends on February 24 at 11:00.

APAO-APOIS Imaging Competition

Images from the APAO-APOIS Imaging Competition will be displayed at the E-Poster Station located in the Exhibition Hall in BNDCC1. The award presentation will take place at Award Ceremony (I) on February 23 from 16:00-17:00.

Exhibition Time

Exhibitions are open during the following times:

Date	Time
February 22 – 24	09:00 – 18:00
February 25	09:00 – 12:30

Exhibition Fun Game

A fun game is open for participation during the Congress period. Take home a Congress souvenir by collecting an e-stamp from every exhibitor! Download our Congress App and click the game button on the home page, then scan the QR code at each exhibitor booth to get the e-stamps.

You may win one of the prizes below:

- 40 booths – APAO 2025 souvenirs (first come, first served)
- 80 booths – Bali souvenirs (first come, first served)
- 120 booths – Lucky draw tickets (5 top prizes: Apple Watch)

Prize collection points:

- APAO 2025 souvenirs – APAO2025 (Booth P014)
- Bali souvenirs – Tourism Board Counter (Booth J023)
- Lucky draw tickets – Delegate Bag and Ribbon Counter

Charging Station

Delegates can use the charging facilities located in the Exhibition Hall in BNDCC1.

Sponsored by



Morning and Afternoon Tea

Light refreshments will be served at the following times and locations:

Date	Time	Coffee Station locations
February 22 – 24	Morning tea break: 10:30 – 11:00	Exhibition Hall, BNDCC1-GF
	Afternoon tea break: 16:00 – 16:30	South Lobby, BNDCC1-GF Pecatu Lobby, BNDCC2-GF
February 25	Morning tea break: 10:30 – 11:00	

YO Lounge

The YO Lounge is located at the VIP Lounge on Ground Floor, BNDCC2. Delegates with YO ribbons are welcome to access it for free.



Certificates of Attendance

Certificates of Attendance can be downloaded through the APAO Congress system (<http://congress.apaophth.org/>) after the Congress. Please log in with the same email address that you used to register for the Congress.

European Accreditation Council for Continuing Medical Education (EACCME®) CME Points

The 39th Asia-Pacific Academy of Ophthalmology Congress, Bali, Indonesia, February 22-25, 2024, has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 18.0 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

The EACCME® awards ECMEC®s on the following basis: 0.5 ECMEC® for 30 minutes of CME with a maximum of 8 ECMEC®s per day.

Breakdown of ECMEC®s per day for APAO 2024 Congress:

- February 22 – 3.00
- February 23 – 6.00
- February 24 – 6.00
- February 25 – 3.00

Each participant can only receive the number of credits he/she is entitled to according to his/her actual participation in the event once he/she has completed the feedback form.

Congress Photography

Some of the sessions will be filmed and audio recorded. A photographer will be present over the course of the Congress to take photos for APAO's record and use on its website, publications, social media platforms and other communication channels.

If you have any concern with your photograph being taken or session recorded, please contact the APAO office.

Policies

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

Mobile Phones – Please respect presenters and your fellow delegates by ensuring that your mobile devices are in silent mode during sessions.

Photography/ Videography in the Exhibition Hall – Attendees wishing to take photos or videos of an exhibit must obtain permission from the relevant company beforehand.

Photography/ Videography of Scientific Sessions – Photography and video recording of scientific sessions are strictly prohibited, except for media representatives who have obtained prior permission from APAO.

Congress on Demand

Please note that all sessions will be recorded for Congress on-demand (<https://video.apaophth.org>) so that all registered delegates can have FREE access 24/7 and catch up with the sessions they have missed.

The recordings of both invited and submitted sessions will be available after the Congress, starting from March 1. Free access will end on April 30. After this, delegates may keep their access by purchasing credits.

Congress Directory

Place	Location
APAO Office	Jimbaran Lobby 1, BNDCC1-GF
Registration Counter	Nusa Dua Hall Lobby, BNDCC1-GF
Information Counter	Nusa Dua Hall Lobby, BNDCC1-GF
Speaker Ready Room	Uluwatu 5, BNDCC1-GF
E-Poster & Video Stations	Exhibition Hall, BNDCC1-GF Singaraja Hall Lobby, BNDCC1-1F
Showcase Theater	Exhibition Hall, BNDCC1-GF
Wet Lab Course	Uluwatu 3, BNDCC1-GF
Exhibition	Exhibition Hall, BNDCC1-GF Jimbaran Lobby, BNDCC1-GF Pecatu Lobby, BNDCC2-GF
Charging Station	Exhibition Hall, BNDCC1-GF
YO Lounge	VIP Lounge, BNDCC2-GF
Opening Ceremony	Pecatu Hall, BNDCC2-GF
Award Ceremony (I)	Tanjung Benoa Hall, BNDCC2-1F
Award Ceremony (II) & Cultural Party	Taman Bhagawan

GENERAL INFORMATION

Venue Information

Bali Nusa Dua Convention Center (BNDCC)

Kawasan Terpadu ITDC NW/1 Nusa Dua – Bali 80363, Indonesia

General Venue Enquiries: +62-361-773000

Located within the Nusa Dua ITDC complex, the Bali Nusa Dua Convention Center (BNDCC) offers over 4,000 rooms in 4 and 5-star international chain hotels. With fully equipped meeting rooms and offices, BNDCC ensures seamless hosting of world-class events, including break-out sessions, luncheons, dinners, workshops, and press conferences.

Site Map



Getting to Bali Nusa Dua Convention Center (BNDCC)

BNDCC, the venue for APAO 2024, is located approximately 12km or 20 minutes from I Gusti Ngurah Rai Airport (DPS) through the toll road.

For more information about the airport (DPS) please visit <https://www.baliairport.com/>

The most convenient transportation modes you can use to go to BNDCC from the airport are:

Taxi

All taxis use a meter with a minimum payment of Rp120,000 and a fare of Rp6,500/km.

Ride-hailing Apps

Two online transportation applications, Grab and Gojek, are affordable alternatives to taking a cab. You may download one or both of these apps via AppStore, Play Store, or AppGallery.

Visiting Indonesia



Time zone

Bali is in the Central Indonesian Time (WITA) time zone: + 08:00 hour GMT/UTC.



Weather

Bali is located just a few degrees south of the equator, in the tropical climate zone. The weather is mostly sunny, hot, and humid throughout the year. As the Congress falls within the typical rainy season (between November and March), you are recommended to bring along an umbrella or a raincoat. It usually rains for a couple of hours, with sunshine for the rest of the daytime.

The daily temperature can reach 30°C (86°F) from October to March, with a daily average temperature of around 27 °C (81°F). In the rainy season, there is muggy heat due to high humidity.



Transportation

It is easy to get around in Bali. You can rent bicycles, motorbikes, or cars. Alternatively, you can take a conventional taxi (Blue Bird) or hire a car with a driver-guide. Tell the driver your desired route and negotiate a fee.

An important virtue on the road in Bali is patience, as traffic can be congested at peak hours. Ceremonial processions often take up the entire road so if you are caught behind a procession, enjoy the colorful experience!



Languages

Locals communicate with each other in Indonesian and Balinese, while English is the most widely spoken foreign language.



Electrical Appliances

The standard voltage throughout Indonesia is 230 V with a standard frequency of 50 Hz. Socket types C and F are used.



Internet and Connectivity

Data SIM cards are available from local merchants almost everywhere. Wi-fi connection is usually available at hotels, restaurants, and large shopping centers.



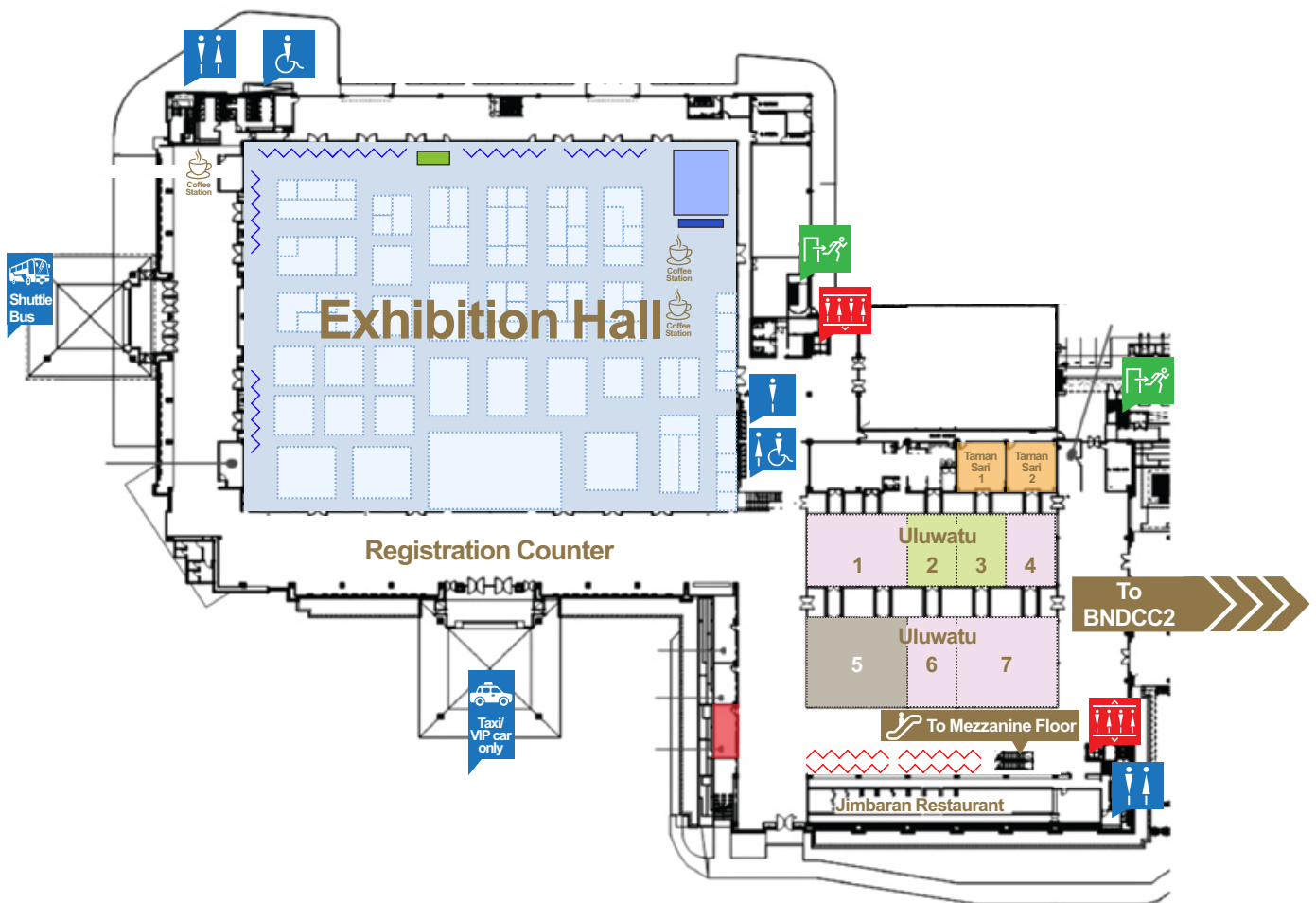
Tipping

Although tipping is not mandatory for every service, it is always appreciated. Depending on the level of service provided, tips range from about 5% to 10% of the bill.

FLOOR PLAN

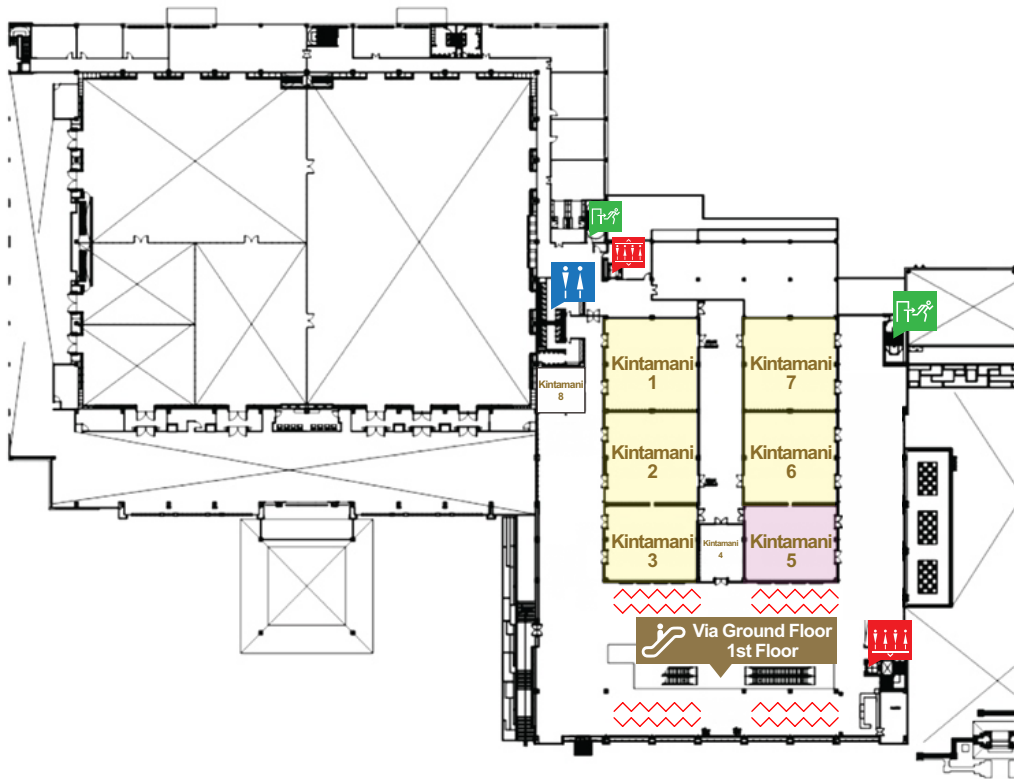
BNDCC1 Ground Floor

- Scientific Session only
- Wetlab
- Speaker Ready Room
- Showcase Theater
- Poster Panel
- Meeting Room
- APAO Secretariat Room
- Charging Station
- E-Poster/ Video Station



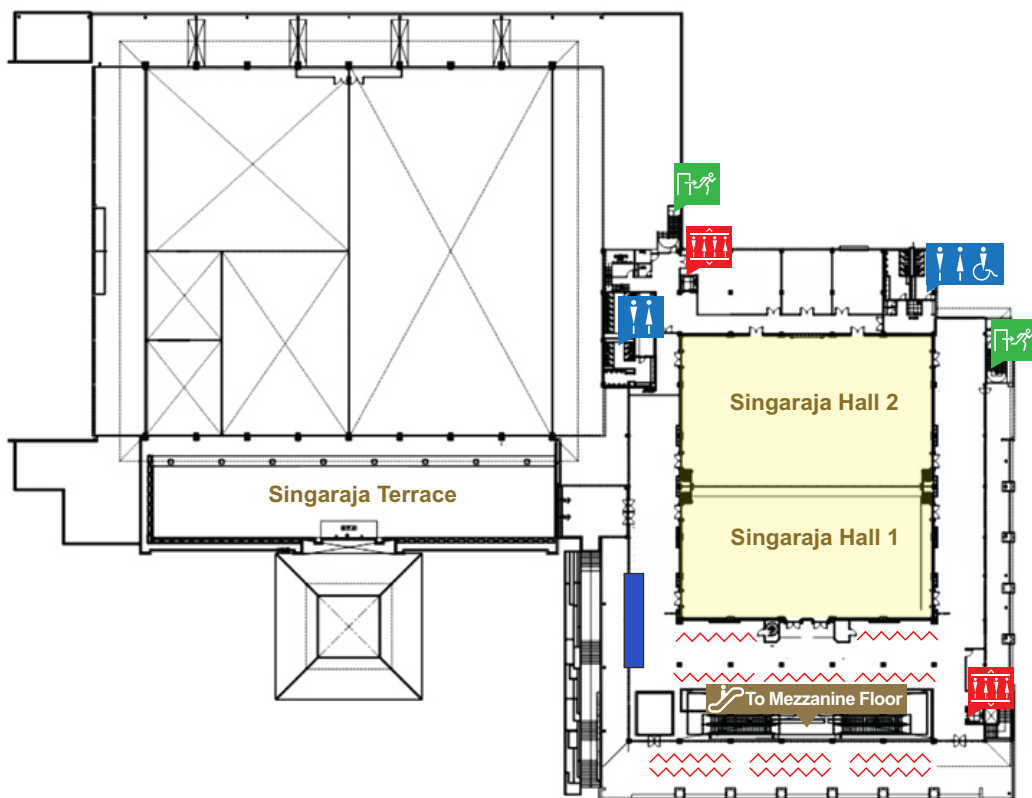
BNDCC1 Mezzanine Floor

- Scientific Session/ Sponsored Symposium
- Scientific Session only
- Poster Panel



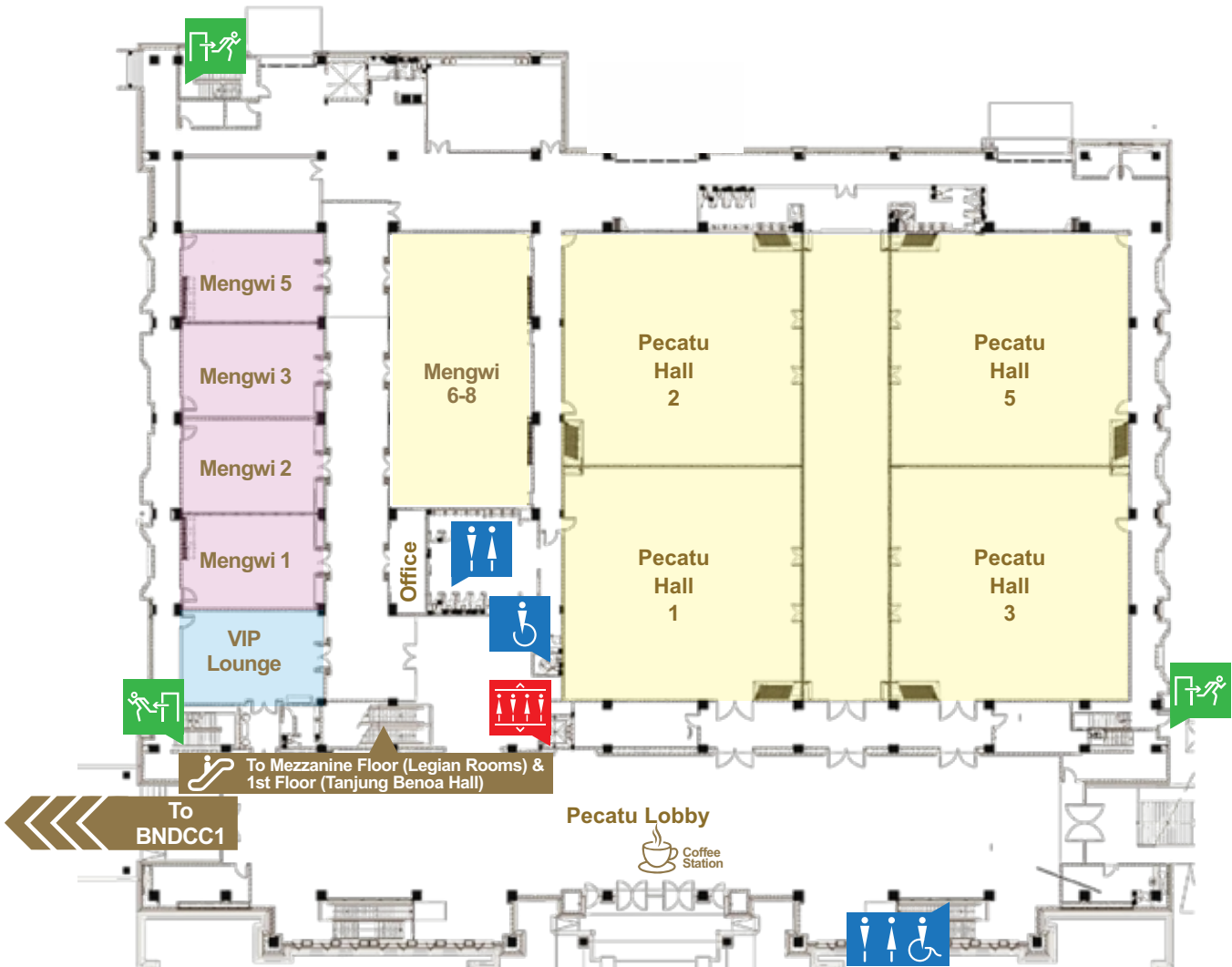
BNDCC1 1st Floor

- Scientific Session/ Sponsored Symposium
- Poster Panel
- E-Poster/ Video Station



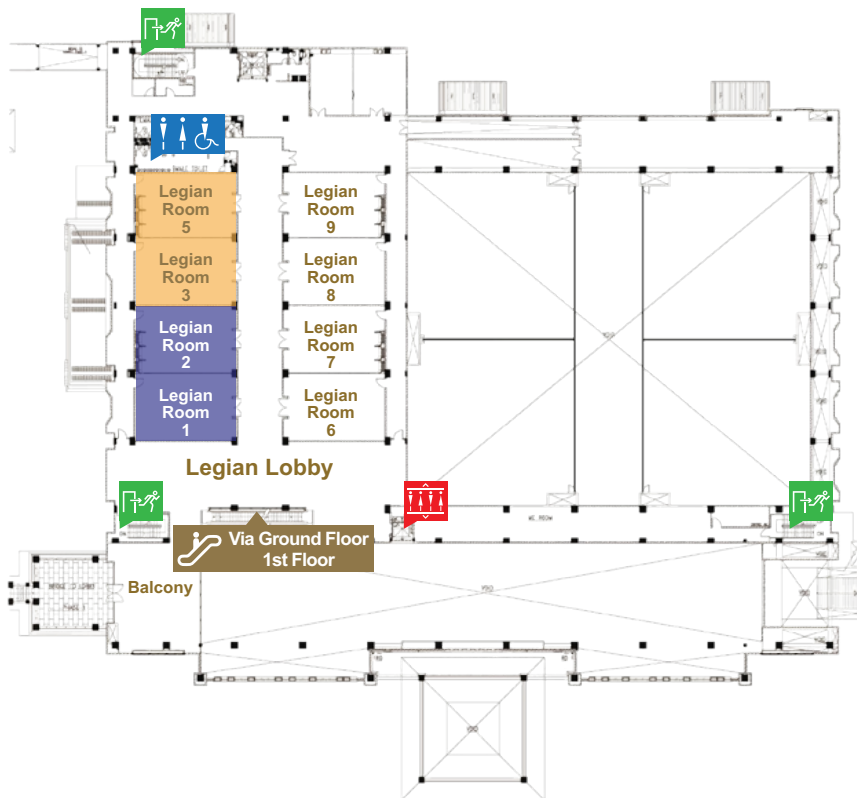
BNDCC2 Ground Floor

- Scientific Session/ Sponsored Symposium
- Scientific Session only
- YO Lounge



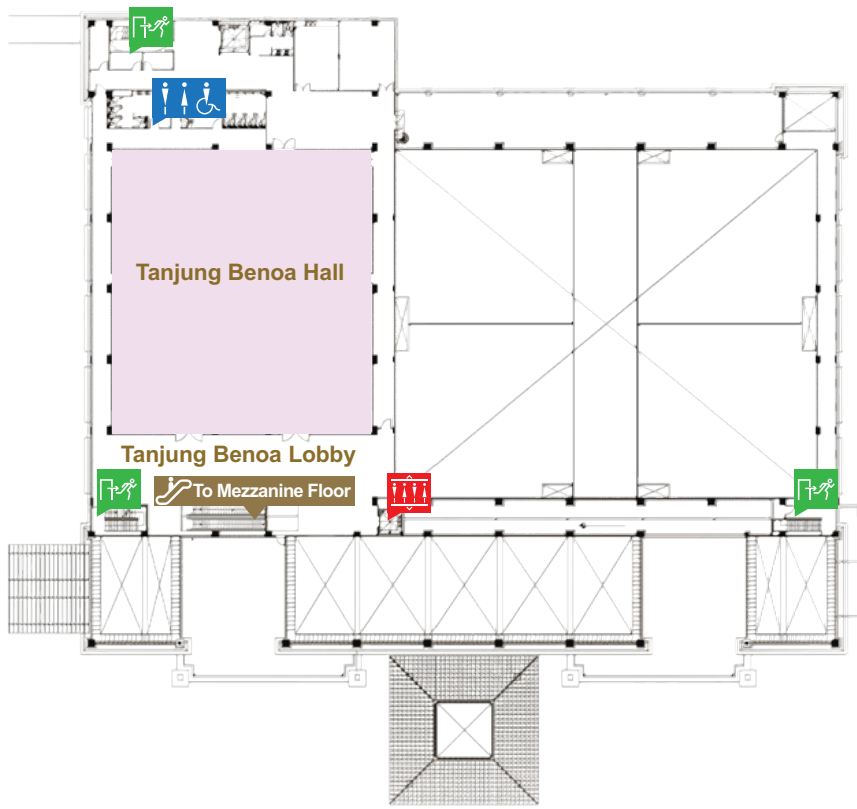
BNDCC2 Mezzanine Floor

- WIO Luncheon/ LDP Reception
- AOI Meeting Room



BNDCC2 1st Floor

- Scientific Session only



SOCIAL PROGRAMS

Opening Ceremony

Date: February 22, 2024 (Thursday)

Time: 14:15-15:15

Venue: Pecatu Hall, BNDCC2-GF

Open to all delegates

Presidential Dinner

Date: February 22, 2024 (Thursday)

Time: 19:00 – 21:30

Venue: Grand Gamelan Ballroom, Sofitel Bali Nusa Dua

Transportation: Shuttle buses will run from BNDCC to the venue between 17:30 and 19:30.

By invitation only

Women in Ophthalmology (WIO) Luncheon

Date: February 23, 2024 (Friday)

Time: 12:45 – 14:15

Venue: Legian Rooms 1 & 2, BNDCC2-MF

By invitation only

Award Ceremony (I)

Date: February 23, 2024 (Friday)

Time: 16:00 – 17:00

Venue: Tanjung Benoa Hall, BNDCC2-1F

Open to all delegates

Program:

Presentation of:

- Senior Achievement Awards
 - Achievement Awards
 - APAO Fellowships
 - APAO – APOIS Imaging Competition awards
 - Travel Grants
-

Young Ophthalmologists' Night

Date: February 23, 2024 (Friday)

Time: 18:30-20:30

Venue: Manarai Beach House, Sofitel Bali Nusa Dua

By invitation only

Fundraising Run

Date: February 24, 2024 (Saturday)

Time: 06:30 – 08:15

Route: From BNDCC Main Entrance to Peninsula Water Blow and back to BNDCC Main Entrance

Open to all delegates

Leadership Development Program Alumni Reception

Date: February 24, 2024 (Saturday)

Time: 13:00-14:00

Venue: Legian Rooms 1 & 2, BNDCC2-MF

For APAO LDP alumni

APAO Cultural Party and Award Ceremony (II)

Date: February 24, 2024 (Saturday)

Time: 18:15-22:00

Venue: Taman Bhagawan

Fee: US\$150

Transportation: Shuttle buses will run from BNDCC to the venue between 17:30 and 20:00.

Open to all delegates

*APAO Cultural Party tickets required***

Program:

Cultural Party

Presentation of:

- Distinguished Service Awards
- Outstanding Service in Prevention of Blindness Awards
- Abstract Awards
- Charity Run Donation Cheque



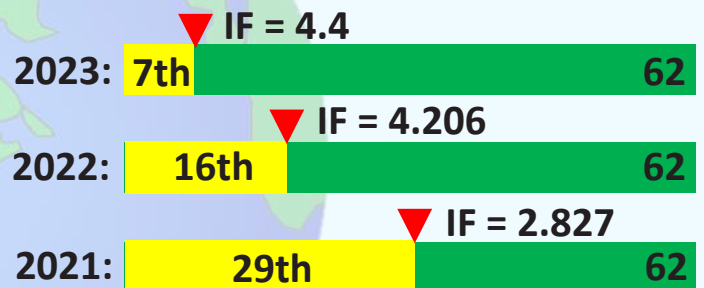
Asia-Pacific Journal of Ophthalmology

The Official Journal of APAO & AAPPO

Rapid Jump in World Ranking (#7 out of 62)

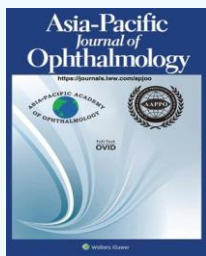
Rank	Journal	Impact Factor
1	Progress in Retinal and Eye Research	17.8
2	Ophthalmology	13.7
3	JAMA Ophthalmology	8.1
4	Ocular Surface	6.4
5	Annual Review of Vision Science	6.0
6	Survey of Ophthalmology	5.1
7	Asia-Pacific Journal of Ophthalmology	4.4
8	Eye and Vision	4.2
8	American Journal of Ophthalmology	4.2
8	Canadian Journal of Ophthalmology	4.2
11	British Journal of Ophthalmology	4.1
12	Clinical and Experimental Ophthalmology	4.0
13	Eye	3.9
14	Current Opinion in Ophthalmology	3.7
15	Experimental Eye Research	3.4
15	Acta Ophthalmologica	3.4

World Ranking of APJO



■ Ranking of APJO
■ Total number of International Journals in Ophthalmology: 62

Features



- ✓ Purely online; bimonthly
- ✓ Open access (NO article download fee)

Contact Information

Editorial Office

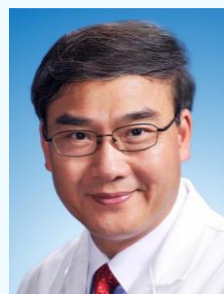
Email: apjo-mail@apaophth.org

To submit manuscripts to the APJO, please visit:



<https://www.sciencedirect.com/journal/asia-pacific-journal-of-ophthalmology>

Editors-in-Chief



Dennis S.C. Lam, MD



Jost B. Jonas, MD

APAO NAMED AWARDS & LECTURES

JOSE RIZAL INTERNATIONAL MEDAL

The Jose Rizal International Medal recognizes outstanding personalities from outside the Asia-Pacific region whose contributions have been exceptionally valuable to ophthalmological developments in the Asia-Pacific region.



Martine JAGER
MD, PhD
The Netherlands

Prof. Martine Jager is Professor Emeritus of Ophthalmology at Leiden University, The Netherlands.

After attending medical school and obtaining a PhD in immunology from Leiden University, she trained in Ophthalmology at the University of Amsterdam. Subsequently, she did a research and clinical fellowship at the Bascom Palmer Eye Institute in Miami. She then returned to Leiden, where she set up an anterior segment clinic and a laboratory to study the role of the immune system in corneal rejection, and the potential to use the immune system to reject ocular tumors. With her work, she demonstrates how knowledge of basic immune mechanisms in corneal disease and ocular oncology helps to develop new therapies. One of her major contributions is finding a link between tumor genetics and inflammation in uveal melanoma and identifying the influence of eye color on prognostication. Her work shows that research performed on one population may not be representative of another population, and that genetic differences between people may greatly influence the outcome of diseases.

In 1998, she later became a visiting professor at the Schepens Eye Research Institute, Harvard Medical School, Boston, and in 2012 at Peking University, Beijing, where she has been teaching “How to set up a research program” for many years.

She has continuously held grants for over 35 years and supervised over 200 students, connecting people and stimulating enthusiasm for research in students and colleagues alike. She has published over 300 original papers. In addition, she has helped in many organizations and highlights of her service career were the different positions in the Association for Research in Vision and Ophthalmology (ARVO), including its presidency, where she helped develop ARVO Chapters in Europe, India, and China, and her position as Secretary General of the Academia Ophthalmologica Internationalis, where she has been stimulating global participation. She has been a major force in the organization of international conferences, including the oncology program at the World Congress of Ophthalmology and each meeting of the Asia-Pacific Academy of Ophthalmology since 2010. She is recognized as a role model for improving equality and diversity in every organization that she has been part of. This includes having good representation of the Asia-Pacific region on international committees.

Progress in eye care through collaboration is the hallmark of the contributions of Prof. Jager to ophthalmology, both in the fields of clinical care, research and mentorship. She

is known for connecting people from different continents and many people in the Asia-Pacific region have become personal friends. She developed a close association with the University of Sydney with a decade-long collaboration with Dr. Michele MADIGAN, which helped many Dutch students to experience Australian culture.

Furthermore, a series of international students have worked in Prof. Jager's lab in Leiden (some getting PhD) and subsequently returned to their home country to set up their own laboratory. She has mentored many Asian students, also becoming a member of the Asian Leadership Course for Young Ophthalmologists.

Overall, Prof. Jager has been a major force in stimulating the development and international position of ophthalmology in the Asia-Pacific region.

Jose Rizal International Medal Lecture: Different People, Different Diseases

APAO Plenary Session I

Date: February 22, 2024

Time: 15:15-15:35

Venue: Pecatu Hall (BNDCC2-GF)

On the occasion of receiving the Jose Rizal International Medal: Global diversity

It is a very great honour to receive the prestigious APAO Jose Rizal International Medal during the Congress of the Asia-Pacific Academy of Ophthalmology. It is named for the ophthalmologist and writer, who planted the seeds of independence in the minds of the people of the Philippines and was executed for his ideas. Independence from Spain: how intriguing that Leiden University will in 2025 celebrate that it was founded because the citizens of Leiden fought bravely for their independence from Spain. I have had the pleasure of visiting many countries in the Asia-Pacific region and seeing the rise in education and science. It is fantastic to see how this has led to improved care for patients with eye diseases, and it has been a great experience for me to see the changes with my own eyes.

One of the specialties of ophthalmology is ocular oncology: learning about the behaviour of tumors around and in the eye, their diagnosis and their treatment. Uveal melanoma is considered the most common intraocular malignant tumor in adults, with about 50% of patients developing metastases. Risk factors to develop this tumor include blue/green eyes, having fair skin and a tendency to sunburn. The most important risk factors associated with the development of metastases are loss of chromosome 3/BAP1 gene expression and having extra copies of chromosome 8q in the tumour.

This information is typical for papers about uveal melanoma and is obtained from studies performed in Northern Europe and North America, where many people have light eyes. While in that part of the world, 4-12 people/million may develop uveal melanoma each year, numbers are very different elsewhere: in Africa 0.3, and in Asia 0.4 people/million per year (Hu D-N, AJO 2005). However, even between Caucasians, numbers vary depending on ancestry: the numbers are 1.7 for Hispanics and 6 for non-Hispanic whites.

What differs between populations is pigmentation, and we decided to look at Caucasian individuals who have developed a uveal melanoma and study the relation between eye colour and prognosis. We did not see a difference in the development of metastases. However, eye colour influenced known prognostic parameters: the loss of one chromosome 3/BAP1 had a much greater influence on the development of metastases in individuals with blue and green eyes than those with brown eyes, while extra copies of chromosome 8q were only relevant in the light-eyed persons and not the brown-eyed Caucasians (Wierenga APA Ophthalmology 2022). The same difference was seen in light versus dark tumor pigmentation (Gelmi MC Ophthalmol Sci 2023). We do not know whether this finding extends to other populations with brown eyes.

These data indicate that different populations may have different risk factors, and that the studies performed in one population may not predict what will happen in another population. Each country should therefore perform its own outcome studies and use its own data to predict what will happen to its own patients. It is time to look at global diversity in ophthalmology.

DE OCAMPO LECTURE

The De Ocampo Lecture is the highest award for excellent academic achievements in clinical and/or basic eye research. Speakers are ophthalmologists from the Asia-Pacific region. The De Ocampo Lecture is named after Geminiano de Ocampo, the founding president of the APAO.



Jason YAM
MD (CUHK), FCOphth HK
Hong Kong, China

Dr. Jason Yam is Associate Professor at the Chinese University of Hong Kong (CUHK), Dean of General Education at Chung Chi College at CUHK, Head of Paediatric Ophthalmology and Strabismus Services at the Hong Kong Eye Hospital, and Head of Ophthalmology Department at the Hong Kong Children's Hospital. He is also Director of CUHK Jockey Club Myopia Prevention Programme.

Internationally, Dr. Yam serves as the Secretary-General of Asia-Pacific Strabismus and Paediatric Ophthalmology Society (APSPPOS), Chair of Training and Education Committee, and Chair of Myopia Committee of International Paediatric Ophthalmology and Strabismus Council (IPOSC), Council Member of Asia Pacific Academy of Ophthalmology (APAO), Council Member of Asia-Pacific Myopia Society (APMS), and many other international academic positions. Locally, he serves as Vice President of Hong Kong Ophthalmological Society (HKOS), and Editor-in-Chief of the College of Ophthalmologists of Hong Kong (COHK). He served as the Congress President of the Inaugural APSPPOS Congress 2017. In 2021, he worked with other colleagues to initiate the IPOSC Joint Webinar Programme, which organized a monthly joint webinar with more than 15 countries including China, United States, Egypt, Lebanon, Israel, Turkey, Russia, United Kingdom, Italy, Mexico, Brazil, Argentina, India, Philippines, Japan, and South Korea, etc.

Dr. Jason Yam is a dedicated researcher on myopia and children's eye disease. He is the Principal Investigator of the Low-concentration Atropine for Myopia Progression Study (LAMP-1), Low-concentration Atropine for Myopia Prevention (LAMP-2), and the Hong Kong Children Eye Study (HKCES), with research funding over 15 million USD, and more than 150 publications. LAMP-1 study is the first randomized placebo-controlled trial of low-concentration atropine eye drops to control myopia progression. Dr. Yam's team found that 0.05% atropine eye drops are the optimal treatment for myopia control in reducing the progression by 67% without adverse effects. The works have been published in a series of 5 articles in *Ophthalmology*, and have contributed to the clinical guideline in myopia control using low-concentration atropine. LAMP-2 study is the first randomized placebo-controlled trial of low-concentration atropine eye drops to prevent myopia. Dr. Yam's team revealed that 0.05% atropine can prevent myopia onset in children by 47% without adverse effects over two years. The results have been published in *JAMA* in 2023. Hong Kong Children Eye Study (HKCES) is an ongoing territory-wide population-based cohort, comprising over 40,000 children aged 6-8 years and both of their parents. The HKCES has identified the epidemiological profiles and risk factors of different eye disorders, including refractive errors, amblyopia, strabismus, and eye allergy. Results have been published in more than 40 publications, including 1 article in *Lancet Global Health*, and 4 in *JAMA Network Open*.

Dr. Yam has been bestowed more than 30 international awards, including APAO Distinguished Service Award 2016, APSPOS Young Investigator Award 2017, APAO Outstanding Service for Prevention of Blindness Award 2019, APAO Nakajima Award 2019, APAO Senior Achievement Award 2021, Hong Kong Humanity Award 2021, International Myopia Conference Josh Wallman Memorial Lecture 2022, Silver Medal of Geneva Inventions Salon International 2022, and American Academy of Ophthalmology Secretariat Award 2023. He was named one of the Ten Outstanding Young Persons in Hong Kong 2019, and was listed among World's Top 2% Scientists in Ophthalmology since 2022, and among the Top 100 Ophthalmologists in the Asia-Pacific Region in 2023. Protection of children's vision allows them to see the world clearly, lead a healthy lifestyle, and develop a bright future.

De Ocampo Lecture: Children Eye Care and Myopia Control: A Rightful Bright Future for Our New Generations

APAO Plenary Session I
Date: February 22, 2024
Time: 15:35-15:55
Venue: Pecatu Hall (BNDCC2-GF)

Myopia is a global health threat. High myopia is associated with sight-threatening complications. A comprehensive approach to studying its prevalence, risk factors, and clinical interventions is important for effective myopia control. In this lecture, the author will present his works on myopia, including the Low-concentration Atropine for Myopia Progression & Prevention (LAMP 1 & 2) Studies, and the Hong Kong Children Eye Study (HKCES).

The LAMP-1 study is the first randomized placebo-controlled trial of 438 children to establish the treatment efficacy and safety of low-concentration atropine from 0.05% to 0.01%. It has contributed to the treatment protocol of using low-concentration atropine drops for myopia control. (1) Concentration-dependent effect: The higher the concentration, the better the treatment efficacy, with tolerable side effects from 0.05% to 0.01% atropine. (2) Age-dependent effect: Younger age is associated with less treatment response to low-concentration atropine 0.05% to 0.01%. (3) Atropine effect on biometric parameters: Low-concentration atropine has no clinical effect on corneal or lens power and asserts main anti-myopic effects by reducing AL elongation. (4) Choroidal thickening effect: Low concentration atropine induced choroidal thickening in concentration-dependent response throughout the treatment period. (5) Longer-term treatment efficacy and rebound phenomenon: Stopping treatment at an older age and lower concentration are associated with a smaller rebound, suggesting a tapering strategy for treatment cessation in older-age children.

The LAMP-2 study is the first randomized placebo-controlled trial of 474 children using low-concentration atropine eye drops to prevent myopia. 0.05% atropine can prevent myopia onset in children by 47% without adverse effects over two years. In addition, 0.01% atropine is not sufficient to effectively prevent myopia compared with placebo.

The HKCES is an epidemiological cohort of more than 40,000 children and 80,000 parents for detailed phenotypic and genotypic characterization. The author has determined the surging effect of COVID on children's myopia, the strong independent dose-effect of parental myopia based on family trios' analysis, the association of SNPs with myopia development and progression in children, as well as many other environmental factors on children ocular health.

Protection of children's vision allows them to see the world clearly, lead a healthy lifestyle, and develop a bright future!

SUSRUTA LECTURE

The Susruta Lecture recognizes extraordinary contributions to the cataract subspecialty. Priority is given to ophthalmologists who contribute substantially to the control and elimination of mass cataract blindness, which is a perennial problem in the Asia-Pacific region. The Susruta Lecture is named after Susruta, an ancient Indian physician.



Deepshikha AGRAWAL
MS
India

Dr. Deepshikha Agrawal is the Director and Corneal Anterior Segment Consultant of MGM Eye Institute, Raipur, Chhattisgarh. As a commitment to the cause of eradication of blindness in Central India, which is beset with poverty and under-development, she has been undertaking intensive social work in the field of eye care for about 32 years. She has been instrumental in the conceptualization of a comprehensive Eye Care Institute to make high-quality eye care available to all, irrespective of financial status.

She is a founding member and trustee of Miki Memorial Trust, through which MGM Eye Institute started in Raipur in 2004 as a tertiary eye care center of international standards with the vision to provide accessible, acceptable, affordable, appropriate, comprehensive quality eye care services to all, and the mission to provide the most advanced eye care to all segments of the society, especially the underprivileged.

Over the past two decades, Dr. Agrawal has been leading the Institute in a progressive direction. Since its establishment, the Institute has examined more than 800,000 patients and performed more than 100,000 surgeries. More recently, it has organized nearly 2,100 screening camps and screened more than 200,000 school children in the past six years. It has also established the Retinopathy of Prematurity (ROP) programs in the state of Chhattisgarh and performed ROP screening for nearly 8,000 babies. To date, it has provided treatment worth a total of more than 360 million rupees to economically underprivileged patients free of charge.

Under her leadership, the Institute has been recognized for its Diplomate National Board (DNB) Course by the National Board of Examination, New Delhi, and B. Optometry course in Association with Shri Rawatpura Sarkar University, Raipur, Chhattisgarh. Moreover, it is recognized as a training center for government states' medical colleges and union territories ophthalmologists. A two-year fellowship in various ophthalmology disciplines and a one-year training internship have also been introduced.

It is remarkable that, recognized by the International Ophthalmological Fellowship Foundation (IOFF) and International Council of Ophthalmology (IOC) for the training of international ophthalmologists, the Institute has trained 13 DNB Trainees since 2011; 11 fellows in various subspecialties in ophthalmology, 15 international candidates for short-term training and 2 for long-term training during the last five years; and 116 national candidates for surgical hands-on training in the last seven years.

MGM also undertakes an internship training program that has trained 141 optometry interns since 2016. It has launched the Community Outreach Programme (MGM Anjor Mela), a program run by a dedicated Community Outreach team, and a variety of outreach

activities such as eye check-up screening camps and school children screening programs.

Dr. Agrawal completed her cornea segment fellowship from LV Prasad Eye Institute (LVPEI), Hyderabad, a short-term fellowship from Aravind Eye Institute, Madurai, and underwent Phaco Training at Laxmi Eye Institute, Panvel (Mumbai). She actively engages in research and education in ophthalmology, having represented the Institute at various state, national, and international forums. She has co-authored more than 95 publications and presentations, chaired, co-chaired, and moderated numerous academic sessions, organized various Continuing Medical Education (CME) courses in the Institute and guided and co-guided 13 DNB students for their thesis.

For her outstanding contributions to the profession, she has been honored with the Distinguished Service Award by the Asia-Pacific Academy of Ophthalmology and Streeshakti Samman Award by the Chhattisgarh Urban Bank Federation, Raipur in 2016, and received the PBMA H.V. Desai Hospital Golden Eye ACOIN Award in 2014, among other accolades.

Susruta Lecture: Impact of Comprehensive Eye Examination in Identifying the Ocular Comorbidities in Patients Screened for Cataract Surgery Through Outreach Activities

APAO Plenary Session I
Date: February 22, 2024
Time: 15:55-16:15
Venue: Pecatu Hall (BNDCC2-GF)

To evaluate the impact of comprehensive eye examination in identifying the ocular comorbidities in patients presenting for cataract surgery through the community screening program. This is a hospital-based retrospective cross-sectional descriptive study in a tertiary eye care Institute (MGM Eye Institute, Raipur, Chhattisgarh, India).

We have performed comprehensive eye examinations for all patients screened for cataract surgery through outreach activities. Patients suspected of having any ocular co-morbidity were reevaluated by the specialty ophthalmologist. Management of these patients was decided as per his/her advice. The demographic details of patients, subspecialty consultation, final diagnosis, and the type of treatment received by these patients were recorded.

During the study period, 4022 patients were referred to the base hospital for cataract surgery, of whom 922(22.9%) needed specialist opinion. Glaucoma (238) and retinal disorders (232) constituted half (50.9%) of them. There were 313 (33.9%) patients having comorbidities due to corneal, oculoplastic, and neuro-ophthalmic conditions. After specialist review, 397 (43.1%) patients underwent only cataract surgery, 55 patients (5.9%) underwent combined surgeries, and 168 (18.2%) patients underwent other procedures. Cataract surgery was not performed in 470 (50.9%) patients, of which 302 were prescribed glasses or managed medically.

We have concluded that all patients screened for cataract surgery through outreach programs require a comprehensive eye examination to identify ocular diseases other than cataracts. Provisions must be made for providing alternative or additional treatment in those with various ocular co-morbidities.

ARTHUR LIM AWARD

The Arthur Lim Award recognizes ophthalmologists who have demonstrated exemplary leadership in the field of ophthalmology and subsequently made substantial improvements in ophthalmic teaching and training in their countries and beyond. It is named after Arthur Lim, former President and Secretary-General of the APAO.



Syed Modasser Ali
MBBS, FRCOphth
Bangladesh

Prof. Syed Modasser Ali was born on 1st February 1946. His glorious career started with academic distinctions in ophthalmology after obtaining FRCS from the Royal College of Surgeons in Ireland in 1980. He was also awarded FRCOphth from the Royal College of Surgeons in London, UK.

He has 46 years of teaching experience in both undergraduate and postgraduate institutions. At present, most of the eminent ophthalmologists in Bangladesh are his students or mentees. His dedication and passion for education and research are widely respected by ophthalmologists in the Asia-Pacific region and beyond. He was visiting faculty of the Institute of Eye Health, London, the University of Tromso, and the University of Oslo in Norway. Besides his outstanding academic background, he played an impactful role in improving ophthalmic education through his leadership qualities in his academic, administrative, and political career.

During his active service life, he had a diverse portfolio that included Director cum Professor, National Institute of Ophthalmology; Director General of Health Services, Ministry of Health and Family Welfare; and Dean, Faculty of Postgraduate Medical Education and Research, Dhaka University. Other than these professional responsibilities, he was engaged as an Executive Committee member of WHO-HQ in Geneva. He was also the Vice-President of the WHO Framework Convention on Tobacco Control (FCTC), representing the WHO South-East Asia Region from 2010 to 2012.

He was president of the Ophthalmological Society of Bangladesh (OSB) in 2007-2008. As a philanthropic approach to serving mankind, he was District Governor of Lions Clubs International, District 325-A2 in 1997-1998.

Prof. Ali was the Health and Family Welfare and Social Welfare Adviser to the Honorable Prime Minister from 2009 to 2013, with the full rank and status of a Senior Cabinet Minister. He was also a member of the executive committee of the National Economic Council chaired by the Honorable Prime Minister of Bangladesh, and was instrumental in increasing the National Eye Care budget of the Government for strengthening the eye health system in Bangladesh.

He is the mastermind of the National Council for Prevention of Blindness and was the team leader during the first National Blindness Survey. His contribution to the field of promoting eye health by engaging communities is well recognized. While working with the community he wrote a book titled *Community Ophthalmology*, published in 1985, which is considered to be the first textbook on public eye health by the *British Journal of Ophthalmology*. Recognizing his contribution, the Government of Bangladesh gave him

the responsibility to standardize primary health care as President of the Community Clinic Health Support Trusty Board. He is also the Chairman of the Bangladesh Medical Research Council (BMRC).

He is the founder of Mojibunnessa Eye Hospital, the first registered private Eye Hospital in Bangladesh, and founding editor-in-chief of the *Bangladesh Ophthalmic Journal*, the first peer-reviewed ophthalmic journal in Bangladesh. He has around 150 publications in international and national indexed journals and is the author of the book *Basic Ophthalmology*. He has also authored books that reflect on the social and political crisis of the country.

In 2013, Prof. Ali was named one of the 20 most innovative surgeons alive by the healthcare education website Healthcare-Administration-Degree.net. He is also a recipient of the Bangladesh National Personality Research Centre's Freedom Fighter Award for his services during the Bangladesh Liberation War.

He received the Alim Memorial Gold Medal in 2010 and the Lifetime Achievement Award of OSB in 2008 for his contributions to the advancement of the science of ophthalmology.

Arthur Lim Award Lecture: Eye Care of Marginalized Population at Community Level and Its Relation to Community Clinics in Bangladesh

APAO Plenary Session I
Date: February 22, 2024
Time: 16:15-16:35
Venue: Pecatu Hall (BNDCC2-GF)

Bangladesh is a developing country in South Asia with a population of 160 million. Despite rapid urbanization and gains in socio demographic indicators, there are significant challenges affecting poor and marginalized groups in basic eye health care. Visual impairment and avoidable blindness are considered to be one of the major public health problems. With the increasing trend of ageing population, the demands for eye health services are increasing. According to the national blindness survey 2020, the age- standardized prevalence of blindness is 1.53%, and around 750,000 cataract backlogs are avoidable through timely intervention.

The Government of Bangladesh, with the leadership of our visionary Honorable Prime Minister Sheikh Hasina, has developed the National Eye Care (NEC) program to ensure universal eye health care for the people of Bangladesh. One of the priority interventions of the NEC is to provide high-quality, low-cost cataract surgery to eliminate the backlog.

Primary health care in Bangladesh gets momentum with the development of Community Clinics (CC) for every six thousand population. Integration of eye health screening and referral within the community clinic services creates opportunities to strengthen eye health services in Bangladesh. To link up with the CCs for every 200,00 population, an Eye Center has been developed, which brings a new dimension in the NEC program for ensuring affordable and accessible eye care services for the disadvantaged group of population in Bangladesh.

The Eye Center is a permanent eye care facility linked with a base hospital for referral and acts as the first point of interface of the population with comprehensive eye care provided by trained eye care workers.

ISAK SALIM PERDAMI AWARD

The Isak Salim PERDAMI Award is the highest award given to PERDAMI members/non-members who have contributed to helping the PERDAMI program in the management of blindness disorders.



Mohamad SIDIK
MD
Indonesia

Dr. Mohamad Sidik is an active member of PERDAMI and he was appointed as the President of PERDAMI for the period 2016 - 2022. He was also active in APAO as a council member and currently, he is President of the 39th APAO Congress.

He has given great attention to raising awareness about blindness and vision impairment programs in Indonesia. He has initiated a major effort to encourage the blindness prevention program and has shown great service and assistance in efforts.

His commitment was shown in national plans to achieve the elimination of avoidable blindness. Some of his notable work includes:

- He has encouraged PERDAMI members to be Resource Persons in Training of Trainers in the Early Detection and Prevention of Visual Impairments;
- Under his leadership, PERDAMI supported a social service program to detect early eye examination and provided glasses to elementary school children in the provinces around Indonesia, and supported other charitable services including cataract surgery;
- He has supported the creation of the Clinical Guidelines for Cataracts, Diabetics Retinopathy, Glaucoma and Refractive Errors;
- He also has supported the implementation of a Rapid Assessment of Avoidable Blindness (RAAB) Survey in 15 provinces in Indonesia with related agencies (the Indonesian Ministry of Health, the National Eye Committee, PERDAMI, NGOs, and professional organizations) to increase the quality of eye health data available for advocacy and planning purposes.

For his outstanding achievements mentioned above, Dr. Sidik is highly deserving of the Isak Salim PERDAMI Award.

RATNA KENCANA TAMIN RADJAMIN PERDAMI AWARD

The Ratna Kencana Tamin Radjamin PERDAMI Award is given to a PERDAMI Member who has contributed to this organization, including the Indonesian College of Ophthalmology and other boards of PERDAMI.



Iwan SOVANI
MD, PhD
Indonesia

Dr. Iwan Sovani PhD is a senior vitreoretinal consultant in Indonesia. He was a consultant at the National Eye Center Cicendo Eye Hospital, Padjadjaran University Bandung (1997-2021). He graduated from his residency in ophthalmology, magister of Health, magister of Management, and Doctoral in Ophthalmology at Padjadjaran University.

Dr. Sovani has held various important positions in the field of ophthalmology. He served as a commissioner of the Bandung Eye Center Group and as the Chairman of the Medical Committee at Bandung Eye Center Eye Hospital. He also served as the Vice President of the Indonesian Ophthalmologist Association from 2005 to 2016, and the president of the Vitreoretinal Society within the Indonesian Ophthalmologist Association from 2007 to 2016. In 2015, He received an APAO distinguished service award. Furthermore, he was a Council Member of the ASEAN Ophthalmology Society from 2016 to 2022, among other notable roles.

Dr. Iwan Sovani PhD was the Chairman of the Indonesian College of Ophthalmology (KIKMI) from 2016 to 2022. As the chairman, He played a significant part in advancing ophthalmology education and standards in Indonesia. One of his main accomplishments was the transition from a structural-based education approach to a competency-based one. He led teams in developing standard guidelines to enhance the quality of ophthalmologists and enable them to compete at a global level. He has also been a speaker at numerous scientific meetings as a vitreoretinal expert and a speaker in advancing ophthalmology standards.

APAO AWARDS

DISTINGUISHED SERVICE AWARDS

The Distinguished Service Awards are presented to ophthalmologists of APAO's member organizations for their distinguished service to improving ophthalmology in their countries or tariff territories.



Mia JAN
Afghanistan



Iftekhar Md. MUNIR
Bangladesh



Ton HENG
Cambodia



Juan YE
China



Jiann-Torng CHEN
Chinese Taipei



Emmy LI
Hong Kong, China



Harbansh LAL
India



**Feti KARFIATI
MEMED**
Indonesia



**Hidetoshi
YAMASHITA**
Japan



Seung Young YU
Korea, Republic of



Kenneth FONG
Malaysia



Enkhzul DAMDIN
Mongolia



Tin WIN
Myanmar



Anu MANANDHAR
Nepal



Nadeem QURESHI
Pakistan



Jambi GARAP
Papua New Guinea



Efren LAXAMANA
Philippines



Victor KOH
Singapore



**Lalitha
SENARATH**
Sri Lanka



**Niphon
CHIRAPAPAISAN**
Thailand



Quang Binh HOANG
Viet Nam

OUTSTANDING SERVICE IN PREVENTION OF BLINDNESS AWARDS

The Outstanding Service in Prevention of Blindness Awards are given to individuals or organizations whose contributions are instrumental in prevention of blindness in the Asia-Pacific region.



**Sayed Shahpoor
SADAT**
Afghanistan



**Dr. Narayan Chandra
BARAI**
Bangladesh



Sarou EK
Cambodia



Wen XU
China



Chang-Hao YANG
Chinese Taipei



**Kelvin Kam-Lung
CHONG**
Hong Kong, China



Tapas Ranjan PADHI
India



Sriana WULANSARI
Indonesia



Takeshi YOSHITOMI
Japan



**Joon Young
HYON**
Korea, Republic of



Seng Kheong FANG
Malaysia



Kuliza ALDANYSH
Mongolia



Aung San WIN
Myanmar



**Bharat Bahadur
CHAND**
Nepal



**Ashok KUMAR
NARSANI**
Pakistan



Dante EUGENIO
Philippines



Donald T.H. TAN
Singapore



John SZETU
Solomon Islands



**Pradeepa
SIRIWARDENA**
Sri Lanka



**Tanapat
RATANAPAKORN**
Thailand



Triet Thanh NGUYEN
Viet Nam

ACHIEVEMENT AWARDS

The APAO Achievement Award Program was established in 2008 to recognize individuals for their time and contribution to the scientific programs of the APAO Annual Congress.

SENIOR ACHIEVEMENT AWARDS



Ava HOSSAIN
Bangladesh



Wai-Ching LAM
Canada



Xiaoxin LI
China



Wei-Chi WU
Chinese Taipei



Carmen CHAN
Hong Kong, China



Taraprasad DAS
India



Sri GANESH
India



Shigeru KINOSHITA
Japan



Muhammad MOIN
Pakistan



Ching-Yu CHENG
Singapore



**Gemmy CHEUNG
CHUI MING**
Singapore



Colin TAN
Singapore



**Paisan
RUAMVIBOONSUK**
Thailand



Nathan CONGDON
United Kingdom



Kevin CHAN
United States

ACHIEVEMENT AWARDS



Clare FRASER
Australia



John GRIGG
Australia



Stephanie WATSON
Australia



Anton HOMMER
Austria



**AH M Enayet
HUSSAIN**
Bangladesh



Fei LI
China



Wei LI
China



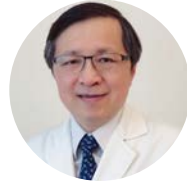
Yan WANG
China



Huifang ZHOU
China



Hui-Chen CHENG
Chinese Taipei



Chong-Bin TSAI
Chinese Taipei



Birgit LORENZ
Germany



Kelvin WAN
Hong Kong, China



Soumyava BASU
India



**Lional Raj DANIEL
RAJ PONNIAH**
India



Saurabh DESHMUKH
India



Mathew FRANCIS
India



Viney GUPTA
India



Swati PHULJHELE
India



Mudit TYAGI
India



**Narendran
VENKATAPATHY**
India



Pradeep VENKATESH
India



Lalit VERMA
India



Gitalisa ADRIONO
Indonesia



Ari DJATIKUSUMO
Indonesia



Lukman EDWAR
Indonesia



Habibah MUHIDDIN
Indonesia



Sjakon TAHIJA
Indonesia



Chie SOTOZONO
Japan



Se Hyun BAEK
Korea, Republic of



Kiyong KIM
Korea, Republic of



Sang Woo PARK
Korea, Republic of



Se Joon WOO
Korea, Republic of



Mae Lynn BASTION
Malaysia



Tengku KAMALDEN
Malaysia



Vanessa MANSURALI
Malaysia



Norlina RAMLI
Malaysia



Mohamad Aziz SALOWI
Malaysia



Wan Hazabbah WAN HITAM
Malaysia



Meenu CHAUDHARY
Nepal



Helen DANESH-MEYER
New Zealand



Akilesh GOKUL
New Zealand



Jie ZHANG
New Zealand



Raoul Paolo HENSON
Philippines



Anshu ARUNDHATI
Singapore



Yih-Chung THAM
Singapore



Tina WONG
Singapore



Voraporn CHAIKITMONGKOL
Thailand



Thanapong SOMKIJRUNGROJ
Thailand



Don KIKKAWA
United States

BEST SCIENTIFIC PAPER AWARDS

The Best Scientific Paper Awards are presented to outstanding free paper abstract(s) in each of the clinical subspecialties in the submitted program.

Academia, Research,
Teaching and
Education in
Ophthalmology

AI, Digital Innovation
and Virtual Health



Zhengyang TAO
China



Kavya CHANDRAN
India

Cataract



Kaiyun ZHANG
China



Taraprasad DAS
India



Naren SHETTY
India

Cornea, Dry Eyes, External Eye Diseases and Eye Banking



Yueh-Ling CHEN
Chinese Taipei



Kenneth Ka Hei LAI
Hong Kong, China



Jiyoung Emily LEE
Korea, Republic of

Glaucoma



De-Fu CHEN
China



Fei LI
China



Jian WU
China



Yu ZHANG
China

**Intraocular
Inflammation,
Uveitis and Scleritis**



Fuxiao LUAN
China

Myopia



Xiangjia ZHU
China

**Neuro-
Ophthalmology**



Abhishek GUPTA
India

Ocular Imaging



Edo Bagus PRASTIKA
Singapore

Ocular Oncology and Pathology



Xiang GU
China



Masato AKIYAMA
Japan

Ocular Trauma



**Prithvi
CHANDRAKANTH**
India

**Ophthalmic
Epidemiology
and Prevention of
Blindness**



Hannah Wai Yin NG
New Zealand

**Orbital and
Oculoplastic Surgery**



Abhishek KUMAR
India

Pediatric Ophthalmology and Strabismus



Qingyu MENG
China



Alicia LIU
Hong Kong, China

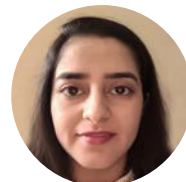
Refractive Surgery



Lourens VAN ZYL
Australia



I-Hung LIN
Chinese Taipei



Deeksha RANI
India

Retina (Medical)



De-Kuang HWANG
Chinese Taipei



Min SAGONG
Korea, Republic of



Gavin TAN
Singapore



Voraporn CHAIKITMONGKOL
Thailand

Translational Research in Ophthalmology



Chan ZHAO
China

Visual Sciences



Jingwen DING
China

TRAVEL GRANTS

APAO PROF. YASUO TANO TRAVEL GRANTS

The APAO Prof. Yasuo Tano Travel Grants were established in 2010 in memory of the late APAO President Professor Yasuo Tano to offer financial support for young ophthalmologists to attend the APAO Annual Congress.



**Md Iftekher
IQBAL**
Bangladesh



**Channdarith
KITH**
Cambodia



Yunhe SONG
China



**Madhavi
RAMANATHA PILLAI**
India



**Herdina
RAMADHANI**
Indonesia



**Hamizah
MUHAMMAD**
Malaysia



Sushant ADIGA
Nepal



**Khushbakht
PETERS**
Pakistan



Carlo ARTIAGA
Philippines



Son BUI
Viet Nam

APAO YOUNG OPHTHALMOLOGISTS TRAVEL GRANTS

The APAO Young Ophthalmologists (YO) Travel Grants support up to 5 residents in training or fellows in the Asia-Pacific region. Application is open to young ophthalmologists including residents, trainees, and fellow ophthalmologists from developing countries whose abstracts (Free Paper, Poster, e-Poster, Video, or Instruction Course) have been accepted by the APAO 2024 Scientific Program Committee.



Shagun KORLA
India



**Felicia
WIDYAPUTRI**
Indonesia



**Mohamad
SHAHIDATUL ADHA**
Malaysia



**Hom Bahadur
GURUNG**
Nepal



**Ronald Steven II
MEDALLE**
Philippines

PLENARY SESSIONS

FEB
22,
2024
(THU)

FEB
23,
2024
(FRI)

APAO Plenary Session I

15:15 - 16:45 **Venue: Pecatu Hall (BNDCC2-GF)**

- 15:15 **Jose Rizal International Medal**
Different People, Different Diseases
Martine JAGER
- 15:35 **De Ocampo Lecture**
Children Eye Care and Myopia Control:
A Rightful Bright Future for Our New
Generations
Jason YAM
- 15:55 **Susruta Lecture**
Impact of Comprehensive Eye Examination
in Identifying the Ocular Comorbidities
in Patients Screened for Cataract Surgery
Through the Outreach Activities
Deepshikha AGRAWAL
- 16:15 **Arthur Lim Award**
Eye Care of Marginalized Population at
Community Level and Its Relation to
Community Clinics in Bangladesh
Syed Modasser ALI

APAO Plenary Session II

16:45 - 18:15 **Venue: Pecatu Hall (BNDCC2-GF)**

APJO Symposium and World EyeCon21 Award
Ceremony

APAO Plenary Session III

18:00 - 19:00 **Venue: Tanjung Benoa Hall
(BNDCC2-1F)**

Scientific Highlights of the Bali Congress

INVITED PROGRAM

FEB
22,
2024
(THU)

AI, Digital Innovation and Virtual Health

Emerging Trends for AI and Robotics in Ophthalmology

This groundbreaking session showcases the role of AI and robotics in ophthalmology. Delving into their unprecedented application in cataract surgeries, experts highlight the collaborative potential with AI and robotics. The synthesis of large language models and innovative AI in ophthalmology emerges as a catalyst for precision, efficiency, and data-driven advancements, shaping the future of eye care.

11:00 - 12:30 **Venue: Kintamani 6 (BNDCC1-MF)**
Chair(s): Stephen MCLEOD, Daniel TING, Prasadhyastagiri YUSUF

- 11:00 Large Language Models in Ophthalmology
Ting Fang TAN
- 11:10 AI and Robotics for Cataract Surgeries
Stephen MCLEOD
- 11:20 AutoMachine Learning in Ophthalmology
Kabilan ELANGOVAN
- 11:30 Large Language Models in Electronic Health Records
Sally BAXTER
- 11:40 Synthetic AI in Ophthalmology
Gilbert LIM

Academia, Research, Teaching and Education in Ophthalmology

A Global Vision: Opportunities and Challenges for Building Human Capacity to Sustain Quality Eye Care

The worldwide eye care workforce shortage requires building the number of healthcare providers and strengthening the competencies of the eye care team — healthcare providers, managers, and support personnel. A diverse panel of international speakers will share a global vision to overcome the eye care workforce shortages with the intervention

of educational strategies, practical applications, and models to build human capacity and the competencies that are essential for an efficient and valuable eye care team.

09:00 - 10:30 **Venue: Uluwatu 1 (BNDCC1-GF)**
Chair(s): Ahmad AMALIUS, Ava HOSSAIN, Michael STEWART

- 09:00 Introduction: Workforce Capacity – A Global Outlook on the Current and Future Eye Care Team Human Resources
Ivo KOCUR
- 09:12 A Strategy Workforce Development: The Eye Care Competencies Framework
Prashant GARG
- 09:24 Advocacy to Action – Role of IAPB HR Working Group
Rohit KHANNA
- 09:36 Sustainable Workforce Development Through Education, Training, and Certification of the Eye Care Team
Michael STEWART
- 09:48 Pioneering Bespoke Competency-Based Training Aiming to Elevate Eye Care in Vietnam and Indonesia
Jayabaskar THIYAGARAJAN
- 10:00 Value of Training the Trainers to Launch a Blended Training Program Using Adult Learning Pedagogies
Richard ALLEN
- 10:12 Innovative and Sustainable Eye Care Training Model in China
Helen YAN

Cataract

Presbyopia: News in Management

“Presbyopia: News in Management” explores cutting-edge approaches to addressing presbyopia. The session covers pharmacological strategies, accommodating intraocular lenses, and the efficacy of monovision using mono/multi-focal IOLs. It delves into corneal ablation techniques, the concept of “Mix and Match,” and the advancements in multi-focal and extended depth of focus intraocular lenses. Attendees will gain insights into diverse methods shaping the contemporary landscape of presbyopia management.

09:00 - 10:30 **Venue: Pecatu Hall (BNDCC2-GF)**
Chair(s): Jorge ALIO, Andrzej GRZYBOWSKI, Ricky ROOROH

- 09:00 Pharmacology in Presbyopia Management
Andrzej GRZYBOWSKI
- 09:12 Accommodating Intraocular Lenses
Jorge ALIO
- 09:24 Monovision With Mono/Multi Focal IOLs
Kazutaka KAMIYA
- 09:36 Corneal Ablation Techniques
Marcus ANG
- 09:48 Mix and Match
Hungwon TCHAH
- 10:00 Multifocal and Extended Depth of Focus Intraocular Lenses
Cyres MEHTA

Complex Cataracts

This intellectually stimulating session on Complex Cataracts will invite pioneering cataract surgeons to share and discuss cutting-edge topics and clinical insights. The session features key topics on FLACS for corneal transplantation and low endothelial cell count cases, treatment of cataract with corneal opacities and persistent pupillary membrane, and management of Morgagnian cataract and rock-hard cataract. Join us to gain insights from leading experts and explore innovative approaches and advancements in complex cataract surgery.

11:00 - 12:30 **Venue: Pecatu Hall (BNDCC2-GF)**

Chair(s): Johan A. HUTAURUK, Pannet PANGPUTHIPONG, Ke YAO

- 11:00 FLACS for Corneal Transplantation Cases
Ke YAO
- 11:12 Management of Morgagnian Cataract
Pannet PANGPUTHIPONG
- 11:24 Cataract Management in Low Endothelial Cell Count: Synergy of FLACS and Hard Shell Procedure
Johan A. HUTAURUK
- 11:36 Management of Cataract in Patients With Corneal Opacities
Hungwon TCHAH
- 11:48 Phaco for Rock Hard Cataracts
Sri GANESH
- 12:00 Treatment of Persistent Pupillary Membrane and Associated Cataract
Hong YAN

Cornea, Dry Eyes, External Eye Diseases and Eye Banking

[ACS Symposium] Advancements in Corneal Diagnosis and Treatment: A State-of-the-Art Overview

The Asia Cornea Society is hosting a symposium titled 'Advancements in Corneal Diagnosis and Treatment: A State-of-the-Art Overview.' This event primarily focuses on innovative approaches to treating severe corneal and ocular surface diseases. The symposium features six renowned clinician-scientists from various Asian countries and Europe. Attendees will gain valuable insights into the treatment of corneal infections, corneal endothelial diseases, and ocular surface disorders. Additionally, the symposium provides an excellent opportunity for engaging in productive discussions.

09:00 - 10:30 **Venue: Mengwi 6,7,8 (BNDCC2-GF)**

Chair(s): Johan A. HUTAURUK, Shigeru KINOSHITA, Theofilos TOURTAS

- 09:00 Contact Lens Associated Bacterial Keratitis
Fung-rong HU
- 09:14 Advances in Diagnosis of Fungal Keratitis
Venkatesh PRAJNA
- 09:28 The Updated Technique of DMEK Surgery for Difficult Cases of Bullous Keratopathy
Theofilos TOURTAS
- 09:42 Seeds and Soil in Corneal Transplantation
Shigeru KINOSHITA
- 09:56 Management of Stevens-Johnson Syndrome
Vilavun PUANGSRICHARERN
- 10:10 Pterygium and Ocular Surface Management
Ka Wai KAM

Advances in Corneal/Ocular Surface Therapy

Severe ocular surface and corneal diseases are common causes of blindness. New therapy will improve their outcomes. Seven speakers from diverse regions will focus on ocular surface reconstruction, lacrimal gland transplantation, corneal bioengineering, and negotiation. You do not want to miss it!

11:00 - 12:30 **Venue: Mengwi 6,7,8 (BNDCC2-GF)**

Chair(s): Yulia AZIZA, Koji KITAZAWA, Jodhbir MEHTA

- 11:00 Characterization of Cultivated Nasal Mucosal Epithelial Cell Sheet Transplantation for Ocular Surface Reconstruction
David MA
- 11:10 Lacrimal Gland Transplantation
Swati SINGH

- 11:20 Commercial Comet
Tsutomu INATOMI
- 11:30 CSSC Therapy
Sayan BASU
- 11:40 Corneal Bioengineering
Gerard SUTTON
- 11:50 Sequential Autograft Limba Transplantation for Severe LSCD
Wei LI
- 12:00 Minimally Invasive Corneal Neurotization for Neurotrophic Keratopathy
Jyh Haur WOO

Glaucoma

[IOA-IGS Joint Symposium] Secondary Glaucoma

This session covers all common causes of secondary glaucoma in daily practice including neovascular glaucoma, secondary glaucoma after retina procedure, lens-induced glaucoma, inflammatory glaucoma, and secondary glaucoma in children. Participants will have an updated understanding of the diagnosis and management of secondary glaucoma.

09:00 - 10:30 **Venue: Mengwi 1,2 (BNDCC2-GF)**
Chair(s): Prima SARI, Novanita SATOLOM, Tatang TALKA GANI

- 09:00 Neovascular Glaucoma
Fitratul ILAHI
- 09:08 Post – Vitrectomy / Silicon Oil Induced Glaucoma
Ardiella YUNARD
- 09:16 Pseudoexfoliation Glaucoma
R.Maula RIFADA
- 09:24 Phacomorphic Glaucoma
Maharani CAHYONO
- 09:32 Aphakic Glaucoma in Pediatric
Yulia PRIMITASARI
- 09:40 Possner-Schlossman Syndrome
Ririn SAMINTO
- 09:48 Pigmentary Glaucoma
Franky KASIH
- 09:56 Glaucoma Related to Aniridia
I Gusti Ayu Ratna SURYANINGRUM
- 10:04 Glaucoma Due to Subluxated Lens
Maya SUWANDONO
- 10:12 Post Keratoplasty Glaucoma
Emma RUSMAYANI

Clinical Debates in Glaucoma

This session is centered around pivotal and controversial aspects of glaucoma management. It includes in- depth discussions on the role and necessity of “Laser Peripheral Iridotomy (LPI)” in cases of “Bilateral PACS,” presenting diverse viewpoints and clinical recommendations. Furthermore, the session examines the increasing significance of “Minimally Invasive Glaucoma Surgery (MIGS)” and the importance of “Intraocular Pressure (IOP) Lowering” techniques, particularly in the treatment of “Angle Closure Glaucoma” and in patients with “High Myopia.” These discussions are aimed at shedding light on the evolving methodologies and practices in the treatment of glaucoma, offering a comprehensive understanding of current trends and future directions in glaucoma therapy.

11:00 - 12:30 **Venue: Singaraja 2 (BNDCC1-1F)**
Chair(s): Evelyn KOMARATIH, Shan LIN, Ki Ho PARK

- 11:00 Bilateral PACS Needs No LPI
Clement C THAM
- 11:06 LPI Is Still Recommended for Bilateral PACS in Clinical Practice
Theodoros FILIPPOPOULOS
- 11:12 MIGS Can Be the First Option in Angle Closure Glaucoma
Xiulan ZHANG
- 11:18 MIGS May Be Inappropriate for Angle Closure Glaucoma As First Line Treatment
Kaweh MANSOURI
- 11:24 The Best Surgery for JOAG Is GATT
Ningli WANG
- 11:30 The Best Surgery for JOAG Is Tube Surgery
Ching-lin HO
- 11:36 Tube Is Bad for Corneal Endothelium
Ying HAN
- 11:42 Tube Is Tolerable for Corneal Endothelium
Keith BARTON
- 11:48 Micropulse or UCP Can Be the First Option for Primary Glaucoma
Seng Kheong FANG
- 11:54 Micropulse or UCP Is Reserved for Refractory Glaucoma
Sang Woo PARK
- 12:00 Lowering IOP Might Help Control HM Progression
Fengbin LIN
- 12:06 Lowering IOP Might Not Help Control HM Progression
Rachel CHONG

Intraocular Inflammation, Uveitis and Scleritis

Detecting Pathogens and Evaluating Immune Response to Diagnose and Manage Uveitis: Current Approach and What Is Over the Horizon

Differentiating infectious uveitis from non-infectious uveitis is crucial in successful uveitis management. In this session, experts worldwide will present the latest developments and practical tips on directly detecting pathogens in infectious uveitis cases. On the other hand, in certain infectious uveitis cases, indirect detection of pathogens through immune response from intraocular fluid and peripheral blood is controversial and will be addressed. Lastly, the immune response that distinguishes non-infectious uveitis will be discussed to complete the session.

11:00 - 12:30 **Venue: Kintamani 1 (BNDCC1-MF)**
Chair(s): Soumyava **BASU**, Rina La **NORA**, Shelina **OLI MOHAMED**

- 11:00 Metagenomic Deep Sequencing in the Detection of Infectious Agents
Thuy DOAN
- 11:15 Pathogen Detection in Infectious Uveitis: Best Practice Now and Future Direction
Lyndell LIM
- 11:30 The Immune Response in Tubercular Uveitis: From Bench to Bedside
Rina La NORA
- 11:45 Intraocular vs. Peripheral Blood Immune Response: Which One Is Better?
Soumyava BASU
- 12:00 Immune Response in Ocular Sarcoidosis
Kenichi NAMBA
- 12:15 Panel Discussion

Miscellaneous

APAO Leadership Development Program (LDP) 2024-25 Orientation Class 1

Open to APAO LDP Class 2024-25 participants only.

- 09:00 - 10:30 **Venue: Uluwatu 6 (BNDCC1-GF)**
- 09:00 Welcome to the APAO Leadership Development Program: Introduction of the APAO LDP
Shaheeda MOHAMED
- 09:10 Welcome by AOI Secretary General
Martine JAGER
- 09:20 Welcome by APAO Secretary-General
Clement C THAM

- 09:30 Welcome by APAO 2024 Congress President
Mohamad SIDIK
- 09:35 Welcome by AAO Vice-President
Gail E SCHMIDT
- 09:40 APAO LDP Program Learning Objectives and Requirements
Muhammad MOIN
- 09:55 Participants Introduction and Group Activity
Vivek DAVE

APAO Leadership Development Program (LDP) 2024-25 Orientation Class 2

Open to APAO LDP Class 2024-25 participants only.

11:00 - 12:30 **Venue: Uluwatu 6 (BNDCC1-GF)**

- 11:00 Your LDP Project
Shaheeda MOHAMED
- 11:10 Project Perspectives from an LDP Alumnus
Meenu CHAUDHARY
- 11:20 Project Planning
Muhammad MOIN
- 11:30 What Makes a Great LDP Project?
Madhuwanthi DISSANAYAKE
- 11:40 SWOT Analysis in Project Planning
Sherman VALERO
- 11:50 Fish Bone Analysis
Vivek DAVE
- 12:00 Group Discussion on LDP Project Proposal

Myopia

Pathologic Myopia and Its Consequences

This symposium session offers an in-depth exploration of the severe impacts and complications linked to pathologic myopia. Specialists will share the most recent discoveries, treatment approaches, and strategies for managing the significant long-term complications of high myopia.

- 09:00 - 10:30 **Venue: Kintamani 2 (BNDCC1-MF)**
Chair(s): Nanda **ANANDITA**, Jost **JONAS**, Kyoko **OHNO-MATSUI**
- 09:00 Axial Length Elongation in Mice: Study of Selective Muscarinic Antagonist
Nanda ANANDITA
- 09:12 Staphyloma Posterior
Kyoko OHNO-MATSUI
- 09:24 Myopic CNV
Timothy LAI

- 09:36 Myopic Traction Maculopathy
Tomonari TAKAHASHI
- 09:48 Pathological Myopia: Vitreoretinal Point of View
Afrisa KURNIAWAN
- 10:00 Myopia Mechanism/ Consequences
Xiangtian ZHOU

Neuro-Ophthalmology

Controversies in Neuro-Ophthalmology

The management of certain neuro-ophthalmic conditions can be contentious in light of emerging scientific evidence. The aim of this session is to address and resolve these debates, particularly in relation to investigations for anisocoria and isolated ocular motor cranial nerve palsy; as well as treatment approaches for conditions like NAION, idiopathic intracranial hypertension, and homonymous hemianopia.

11:00 - 12:30 **Venue: Kintamani 7 (BNDCC1-MF)**
Chair(s): Carmen CHAN, Mitchell LAWLOR, Rusti Hanindya SARI

- 11:00 NAION- Should We Observe or Treat?
Celia CHEN
- 11:12 Should We Treat Idiopathic Intracranial Hypertension With Optic Nerve Sheath Fenestration or VP Shunt?
Rebika DHIMAN
- 11:24 Is There a Role for OCT in Neuro-Ophthalmology?
Mitchell LAWLOR
- 11:36 Should We Perform Neuro-Imaging for Isolated Ocular Motor Cranial Nerve Palsy?
Clement TAN
- 11:48 Is Visual Rehabilitation Effective for Homonymous Hemianopia?
Prem SUBRAMANIAN
- 12:00 Should I Do Pharmacologic Testing for Anisocoria?
Hui-chen CHENG

Ocular Imaging

Recent Updates on Ocular Imaging Approaches

In this session, a total of seven experts will expound on current issues surrounding the utilization of large language models in ocular imaging, the evaluation of diabetic retinopathy progression, the identification of diabetic macular edema, the progress made in the field of polypoidal choroidal vasculopathy (PCV), and various other intriguing topics.

09:00 - 10:30 **Venue: Kintamani 6 (BNDCC1-MF)**
Chair(s): Carol CHEUNG, Ferdiriva HAMZAH, Bin SHENG

- 09:00 Large Language Models and Ocular Imaging: What Are the Potential?
Bin SHENG
- 09:10 Assessment of Parafoveal Diabetic Macular Ischemia on Optical Coherence Tomography Angiography Images to Predict Diabetic Retinal Disease Progression and Visual Acuity Deterioration
Gabriel YANG
- 09:20 Exploring High Myopia Imaging: Quantification and Insights
Yaxing WANG
- 09:30 Quantitative Ocular Imaging with Optical Coherence Tomography/Elastography
Kirill LARIN
- 09:40 Federated Learning for Diabetic Macular Edema Detection in Low-Middle-Income Countries
Truong NGUYEN
- 09:50 Unlocking New Horizons for AI in Ophthalmology – Australian National Data Linkage Project
Lisa ZHU
- 10:00 Recent Advances in Imaging Polypoidal Choroidal Vasculopathy
Kelvin Yi Chong TEO

Ocular Oncology and Pathology

Retinoblastoma

Retinoblastoma is one of the most devastating diseases in young children, as it affects not only their vision but also their lives. Experts will discuss the challenges in the management of retinoblastoma and the newest developments in treatment.

11:00 - 12:30 **Venue: Kintamani 3 (BNDCC1-MF)**
Chair(s): Wai Kit CHU, Rita S SITORUS, Geeta K VEMUGANTI

- 11:00 GHRH-MEK-ERK Axis in Retinoblastoma
Wai Kit CHU
- 11:08 Evaluation of the Role of Tumor Pathology Review in Preventing Tumor Recurrence and Metastasis in Retinoblastoma: Indonesian Experience
Rita S SITORUS
- 11:16 Intra-arterial Chemotherapy for Retinoblastoma
Duangnate ROJANAPORN

- 11:24 Immune Checkpoint Blockade: A Potential Therapy in Ocular Oncology (Meningioma and Retinoblastoma)
Datu RESPATIKA
- 11:32 Retinoblastoma-Net Multidisciplinary Meeting: A Changing Paradigm Experience From Eastern Indonesia
Andi PRATIWI
- 11:40 Retinoblastoma 2024
Bhavna CHAWLA
- 11:48 Developing Models for Retinoblastoma
Geeta K VEMUGANTI
- 11:56 New Research Development in Retinoblastoma
Xianqun FAN
- 12:04 Current Trends in Retinoblastoma Management
Hayyam KIRATLI

Ophthalmic Epidemiology and Prevention of Blindness

[IOA-INACOS Joint Symposium] 2030 in Sight: Where Are We Now?

This session will outline the Indonesian strategic plan for the prevention of blindness and visual impairment program in line with 2030 In Sight. The development of eye care registry, community-based program in refractive error, cataract charity and retinopathy diabetic program in Indonesia will also be presented in this symposium, showing that government and private sector are working together to prioritize eye care for everyone.

11:00 - 12:30 **Venue: Uluwatu 1 (BNDCC1-GF)**
Chair(s): Andika GUNADHARMA, Nila MOELOEK

- 11:00 Prevention of Visual Impairment and Blindness Program in Indonesia Towards Global Eye Target 2030
Eva SUSANTI
- 11:12 Development of Eye Care Registry
Parluhutan Butar BUTAR
- 11:24 Community-Based Refractive Error Program in Bali
Ni Made Ari SURYATHI
- 11:36 National Cataract Charity Program: 5 Years Cohort
Ahmad AMALIUS
- 11:48 Prevalence of Diabetic Retinopathy in Three Provinces in Indonesia
Yeni LESTARI

Orbital and Oculoplastic Surgery

[APSOPRS Symposium] Clinical Features of Eyelid and Orbital Diseases in Asian Population: Bridging the Gap Between Asian and Western Patients

This session aims to provide a comprehensive overview of various oculoplastic conditions, shedding light on distinctive clinical features and treatment strategies in the Asian population. It also aims to bridge the gap in understanding these differences between Asian and Western patients.

09:00 - 10:30 **Venue: Kintamani 1 (BNDCC1-MF)**
Chair(s): Kasturi BHATTACHARJEE, Yunia IRAWATI, Kyung In WOO

- 09:00 Epiblepharon, Entropion, and Ectropion
Yunia IRAWATI
- 09:10 Congenital Ptosis
Reynaldo JAVATE
- 09:20 Malignant Eyelid Tumors
Dongmei LI
- 09:30 Periocular Aesthetic Treatments
Kasturi BHATTACHARJEE
- 09:40 Orbital Inflammatory Disease
Mary Rose YAN
- 09:50 Orbital Lymphoma
Ho-seok SA
- 10:00 Thyroid Eye Disease
Kelvin Kam-lung CHONG
- 10:10 Lacrimal Drainage Disorders
Kyung In WOO

Pediatric Ophthalmology and Strabismus

Prescribing Glasses in Children

The decision to prescribe glasses for a child is always made after careful consideration, taking into account the child's unique situation and needs. Without appropriate refractive correction, many children are unable to achieve optimal vision. Developmentally delayed children can present particular challenges. Myopia progression can now be slowed with specially designed lenses. The speakers will share their expertise in this frequently overlooked area of ophthalmology.

09:00 - 10:30 **Venue: Kintamani 7 (BNDCC1-MF)**
Chair(s): Liana EKOWATI, Frank MARTIN, Feti Karfiati MEMED

- 09:00 Hyperopia Correction in Patients With Esotropia
*Satenik **AGAGULIAN***
- 09:12 Can Prescribing Special Glasses Prevent Myopia Progression in Children?
*Li Lian **FOO***
- 09:24 Prescribing Glasses Post Congenital Cataract Surgery
*Feti Karfiati **MEMED***
- 09:36 Prescribing Glasses in Developmentally Delayed Children
*Galton **VASCONCELOS***
- 09:48 Glasses Alternatives, Special Frames and Affordable Glasses
*Faruk **ORGE***
- 10:00 Why Children Refuse to Wear Their Glasses
*Frank **MARTIN***
- 10:12 Do's and Don'ts in Prescribing Glasses for Children
*Chong-bin **TSAI***

Pediatric Anterior Segment Disorders

The pediatric anterior segment disorder symposium will cover topical diseases that affect the front of the eye in children. The international speakers from 7 countries across 3 continents will discuss pediatric cataract, cornea, and ocular surface disease in an interactive manner. Additionally, there will be 3 video panoramas showing techniques or ocular signs to engage audience participation. This symposium will stimulate discussion both amongst the panelists and the audience.

11:00 - 12:30 **Venue: Kintamani 2 (BNDCC1-MF)**
*Chair(s): Kianti **DARUSMAN**, Kanwal 'ken' **NISCHAL**, M.Edward **WILSON***

- 11:00 Strategies for Pediatric Cataract Management
*Yee Fong **CHOONG***
- 11:10 Blepharokeratoconjunctivitis (BKC) in Children
*Seo Wei **LEO***
- 11:20 Rubella Cataract Management
*Ramesh **KEKUNNAYA***
- 11:30 Vernal keratoconjunctivitis (VKC) in Children
*Florence **MANURUNG***
- 11:40 Traumatic Cataract in Children
*Irawati **IRFANI***
- 11:50 Managing Keratoconus in Children
*Elizabeth **CONNER***
- 12:00 Video Panorama
*Kanwal 'ken' **NISCHAL***

- 12:03 Video Panorama
*M.Edward **WILSON***
- 12:06 Video Panorama
*Kianti **DARUSMAN***
- 12:09 Q&A

Refractive Surgery

Refractive Lens Exchange and New Intraocular Lenses

Refractive lens exchange is one of the options for intraocular refractive surgery. It is becoming more and more frequently practiced, and in this session, you will find the most recent progress in its outcomes, indications, ethical issues concerning indications and how to use modern intraocular lenses, especially new EDOF IOLs.

09:00 - 10:30 **Venue: Singaraja 1 (BNDCC1-1F)**
*Chair(s): Andrew **KNOCH**, Tetsuro **OSHIKA**, Xingtao **ZHOU***

- 09:00 Non Diffractive Segmental MF Lenses – The Way Ahead
*Sri **GANESH***
- 09:15 'Patients' Selection for Refractive Lens Exchange
*Minoru **TOMITA***
- 09:30 Lens Selection for Refractive Lens Exchange: A Comparison Trifocal vs EDOF
*John **CHANG***
- 09:45 Refractive Lens Exchange in Very High Hyperopia/Nanophthalmos
*Gaurav **LUTHRA***
- 10:00 Refractive Lens Exchange: EDOF Options
*Robert **ANG***

Retina (Surgical)

Updates in Vitreoretinal Surgery Technology and Techniques

Dive into the forefront of ophthalmic innovation at our symposium, 'Updates in Vitreoretinal Surgery Technology and Techniques.' Renowned international ophthalmologists will illuminate the latest advancements, sharing expertise on cutting-edge surgical technologies and techniques. Join this dynamic gathering to explore the future of vitreoretinal surgery, where knowledge converges to redefine standards and elevate patient care.

09:00 - 10:30 **Venue: Singaraja 2 (BNDCC1-1F)**
*Chair(s): Mark **HUMAYUN**, Sjakon **TAHIJA**, Young Hee **YOON***

- 09:00 Advanced Retinal Implants
Mark HUMAYUN
- 09:10 Management of Refractory Macular Holes
Joo Yong LEE
- 09:20 New Surgical Approaches for Difficult Myopic Macular Schisis, Holes and Detachment
Edmund WONG
- 09:30 3D Surgery
Sjakon TAHIJA
- 09:40 3D Heads-up Endoillumination Assisted Scleral Buckling
Shaheeda MOHAMED
- 09:50 Innovations in Ophthalmic Drug Delivery
Jennifer KANG-MIELER
- 10:00 UWF-SS-OCT-Based Surgical Plan for Minimally Invasive Surgery of Complicated Tractional Retinal Detachment
Sohee JEON

Macular Surgery

This symposium will explore sophisticated topics in macular surgery. It will delve into innovative techniques such as the Rotational ILM flap for foveal regeneration and personalized approaches like sub-macular rTPA injection. It will also engage with challenges in managing refractory macular holes and failed surgeries, while staying updated on cutting-edge strategies for conditions like myopic tractional maculopathy and submacular hemorrhage in leukemia. It will elevate your expertise in the dynamic realm of macular surgery.

11:00 - 12:30 **Venue: Singaraja 1 (BNDCC1-1F)**
Chair(s): Hussain KHAQAN, Eko KARIM, Chi-chun LAI

- 11:00 Rotational Internal Limiting Membrane Flap Technique to Promote Foveal Regeneration in Macular Hole Repair
Peiquan ZHAO
- 11:08 Management of Refractory Macular Hole; Does AMT Has an Effect?
Soefiandi SOEDARMAN
- 11:16 Failed Macular Hole Surgeries
Hussain KHAQAN
- 11:24 Current Management of Myopic Tractional Maculopathy
Yasushi IKUNO
- 11:32 ILM Peeling in High Myopia Macular Hole
Tomoko CONSOLVO
- 11:40 Autologous Retinal Transplant for Myopic Macula Hole Detachment – Reviewing the Indication and Investigations
Mae Lynn BASTION

- 11:48 Macular Buckle for Myopic Maculopathy
Pei-chang WU
- 11:56 Customized Techniques of Sub-macular rTPA Injection to Achieve the Better Outcome
Thanapong SOMKIJRUNGROJ
- 12:04 Submacular Hemorrhage Management in Leukemia
Abdullah ALQAHTANI
- 12:12 Q&A

Translational Research in Ophthalmology

[IOA-INARVOS Joint Symposium] Optimization of Functional Vision

Optimizing visual function is very important for the quality of life, especially in children and patients who have visual impairment after surgery. In this symposium, the attendees will gain information and knowledge about how to perform accurate refraction and measurement of visual function, management of amblyopia and myopia control in children, as well as ectasia after refractive surgery with contact lenses.

09:00 - 10:30 **Venue: Uluwatu 2 (BNDCC1-GF)**
Chair(s): Christina ARITONANG, Sagung INDRAWATI, Cokorda Istri Dewiyani PEMAYUN, SP.M (K)

- 09:00 Visual Functional Parameters to Measure Quality of Life
Adelina POLI
- 09:12 Recent Management of Refractive Amblyopia
Fatimah NUSASTUTI
- 09:24 Ensuring an Accurate Refraction in Children
Ine Renata MUSA
- 09:36 A New Look at the Myopia Control Efficacy of Orthokeratology
Jacinto SANTODOMINGO-RUBIDO
- 09:48 The Safety of Orthokeratology Contact Lens Wear in Slowing the Axial Elongation of the Eye in Children
Jacinto SANTODOMINGO-RUBIDO
- 10:00 Troubleshooting of Visual Problems: Ectasia After Lasik Complication
Damara ANDALIA

Translational Research in Diagnostics and Treatments for Eye Diseases

The complex landscape of ophthalmology is being shaped by diverse subjects. Topics include the intricacies of glaucoma in high myopia, the application of rTPA-assisted treatment for macular subretinal hemorrhage in China, and advancements in clinical

practices facilitated by robot-assisted injection techniques. The current concepts surrounding pachychoroid disease are elucidated, while optical coherence tomography (OCT) offers valuable insights into peripheral retinal disease and biomarkers for macular hole repair. Emerging retinal imaging modalities hold promise for the diagnosis and management of retinal diseases, while ocular surface-related matters are under continuous investigation and development.

11:00 - 12:30 **Venue: Kintamani 5 (BNDCC1-MF)**
*Chair(s): Gemmy **CHEUNG CHUI MING**, Lukman **EDWAR**, Yaxing **WANG***

- 11:00 Glaucoma in High Myopia
*Yaxing **WANG***
- 11:08 rtPA-Assisted Treatment of Macular Subretinal Haemorrhage in China: Clinical Practice and Advancement of Robot-Assisted Injection
*Weihong **YU***
- 11:16 Pachychoroid Disease: Current Concepts
*Gemmy **CHEUNG CHUI MING***
- 11:24 OCT for Peripheral Retinal Diseases
*Daniela **BACHERINI***
- 11:32 OCT Biomarkers for Repair of Macular Hole
*Chung-may **YANG***
- 11:40 New Retinal Imaging Modalities for Retinal Diseases
*Sobha **SIVAPRASAD***
- 11:48 Ocular Surface
*Bi Ning **ZHANG***
- 11:56 Current Concepts in OCTA in Retina Disease Diagnosis
*Kelvin Yi Chong **TEO***

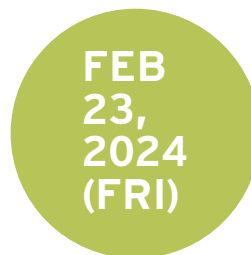
Visual Sciences

The Confluence of Data Science and Visual Sciences

In this symposium, we will discuss the symbiosis of data science and visual science domains, delving into challenges, advancements, and transformative applications. Discover the intricate role of big data analytics in reshaping our understanding of visual sciences. Join us for a captivating journey into the synergy between data science and visual sciences, uncovering new dimensions and innovations in the realm of healthcare and research.

09:00 - 10:30 **Venue: Uluwatu 4 (BNDCC1-GF)**
*Chair(s): Ching-yu **CHENG**, Pirro **HYSI**, Indra **MAHAYANA***

- 09:00 Challenges and Advancements in Omics Research Through Big Data Analytics
*Pirro **HYSI***
- 09:13 Big Data-Driven Multi-Omics Analysis and Mobile Health for Dry Eye Management
*Takenori **INOMATA***
- 09:26 Use of Electronic Health Records to Predict Glaucoma Progression
*Sophia **WANG***
- 09:39 Big Data Analytics Using EMR in Korea to Improve Clinical Outcome
*Hyun Goo **KANG***
- 09:52 Predicting Post-treatment Visual Outcomes: Bridging Patient Queries With Data Sciences and EMR Insights
*Tsai-chu **YEH***
- 10:05 Use of Electronic Health Record to Facilitate Ophthalmology and Visual Science Research: Opportunities and Challenges
*Sally **BAXTER***



AI, Digital Innovation and Virtual Health

AI in Ophthalmology: Crossing the Valley of Death

This session addresses the entire spectrum of AI adoption in ophthalmology. From transforming clinical trials with AI insights to translating digital technology seamlessly into real-world eye practice. The session also explores the practical integration of large language models, ensuring their operationalization in routine clinical ophthalmology, heralding a new era of data-driven, patient-centric practices.

11:00 - 12:30 **Venue: Kintamani 6 (BNDCC1-MF)**
*Chair(s): Yeni **LESTARI**, Daniel **TING**, Sally **BAXTER***

- 11:00 Global Trend of AI in Ophthalmology
*Daniel **TING***
- 11:10 AI in Clinical Trials
*Stela **VUJOSEVIC***
- 11:20 Bringing AI Valley of Death in Ophthalmology
*Gavin **TAN***

- 11:30 Data in the Hands of the Patient
Stephanie CAMPBELL
- 11:40 Translating AI Algorithms Into Refractive Practices
Jodhbir MEHTA
- 11:50 Operationalizing Large Language Models Into the Routine Clinical Ophthalmology Practice
Sally BAXTER

Novel AI and Digital Technology for Ocular Adnexa and Anterior Segment

Novel AI and digital technology propel eye care into a new era. By seamlessly integrating advanced algorithms and digital tools, these innovations optimize the assessment of eye conditions, offering swift and accurate diagnoses. This session will unveil the use of AI and digital technology in ocular adnexa and anterior segment issues.

14:30 - 16:00 **Venue: Kintamani 6 (BNDCC1-MF)**
Chair(s): Robert CHANG, Haotian LIN, Muhammad SASONGKO

- 14:30 AI for Pediatric Cataract
Xiaohang WU
- 14:40 AI in Oculoplastics
Dongmei LI
- 14:50 Automated Detection of Pterygium Using Anterior Eye Photos
Yih-chung THAM
- 15:00 AI for Anterior Segment Diseases
Darren Shu Jeng TING
- 15:10 How Foundational Model Finetuning May Change the Approach to AI for Glaucoma Imaging
Robert CHANG
- 15:20 AI for Ptosis
Gilbert LIM

Academia, Research, Teaching and Education in Ophthalmology

How to Improve My Research Project

Research is a continuous process in the quest to learn new ideas and modalities of disease understanding and management. Conducting research is central to forwarding ophthalmic knowledge and treatment. This symposium will provide crucial knowledge on understanding gaps in knowledge by reviewing literature and implementing a meta-analysis of results and discussion.

14:30 - 16:00 **Venue: Uluwatu 1 (BNDCC1-GF)**
Chair(s): Rajvardhan AZAD, Arief KARTASASMITA, Anguor WANG

- 14:30 How to Start My Research Project?
Cynthia YU-WAI-MAN
- 14:40 Easy Guide for a Retrospective Research Project
Tai-chi LIN
- 14:50 Key Points in Conducting Systematic Review and Meta-analysis
Rina La NORA
- 15:00 How Do We Apply AI in the Research Project?
Yu-chieh KO
- 15:10 What Is a Research Gap?
Rajvardhan AZAD
- 15:20 How to Choose a Right Statistical Analysis
Ching-yu CHENG
- 15:30 What Is a Translational Research?
Nawazish SHAIKH
- 15:40 Key Points in Designing a Clinical Trial
Namrata SHARMA
- 15:50 Q&A

[AOI Symposium] New Principles in Education

The Academia Ophthalmologica Internationalis connects ophthalmologists who are leaders in their fields of clinical care and science, who are heavily involved in educating the next generation of ophthalmologists. Many new technologies are available in education, and world experts will discuss the most modern approaches to teaching cataract surgery and testing a person's knowledge. The use of AI in everyday practice will be discussed.

16:30 - 18:00 **Venue: Kintamani 6 (BNDCC1-MF)**
Chair(s): Karl GOLNIK, Charles MCGHEE, Syntia NUSANTI

- 16:30 Introduction on the Academia Ophthalmologica Internationalis (AOI)
Richard ABBOTT
- 16:34 Simulators in Training of Ophthalmologists and Allied Ophthalmic Personnel
Prashant GARG
- 16:44 Education and Training in Cataract Surgery
Charles MCGHEE
- 16:54 Integrating AI Into Everyday Ophthalmology Practice
Tetsuro OSHIKA
- 17:04 Using Technology for Generating Interactivity During Lectures: Why, How and With What
Eduardo MAYORGA

- 17:14 A New Paradigm in Residency Training; Entrustable Professional Activities
Ana PALIS
- 17:24 Development of Regional Exams in Africa
Wanjiku MATHENGE
- 17:34 The Ophthalmology Foundation's Educational Activities
Karl GOLNIK

Cataract

Indications and Techniques for IOL Exchange

The aim of this course is to discuss the pathologies justifying IOL exchange, discuss the different surgical techniques to explant IOLs, and define the parameters about which IOL design fits best to replace the primary. (a) Capsule peeling aiming at freeing the IOL from the proliferative tissue present in the capsule bag. (b) Cutting, lassoing, or folding the IOL for easy explanation. (c) Secondary IOL implantation using scleral fixation, iris fixation, capsular support, different suturing techniques. (d) Instruments used by the panel.

09:00 - 10:30 **Venue: Singaraja 2 (BNDCC1-1F)**
Chair(s): Burkhard DICK, Andrew KNOCH, Marie-jose TASSIGNON

- 09:00 IOL Exchange of One MIOL to Another MIOL
Jorge ALIO
- 09:12 Classification of IOL Opacification
George BEIKO
- 09:24 Feasibility of Late IOL Exchange
Yu-chih HOU
- 09:36 Decentration, UGH Syndrome and Opacification
Soon-phaik CHEE
- 09:48 Capsule Peeling to Improve IOL Exchange
Marie-jose TASSIGNON
- 10:00 A Few Cases of Special Trifocal IOL Exchange
Yi LU

[IOA-INASCRS Joint Symposium] Cataract Surgery From Simple to Advanced Settings

This session will describe all settings for cataract surgery, including special preparation on challenging cases. Some surgical techniques that could be applied in difficult situations will also be illustrated by the speakers to give the participants confidence in handling surgical complexity. This session also provides tips for organizing a mass cataract surgery that is safe and can give a good quality of life for the patient.

11:00 - 12:30 **Venue: Uluwatu 1 (BNDCC1-GF)**
Chair(s): Hadi PRAKOSO

- 11:00 From Vision Correction to Enhanced Quality of Life: Unveiling the Benefits of IOL Technology
Rinanto PRABOWO
- 11:12 Organizing of Safe Mass Cataract Surgery
Darmawan SOPHIAN
- 11:24 Mass Cataract Surgery
Ahmad AMALIUS
- 11:36 Nucleus Cracking in Various Cataract Densities
Muhammad EDRIAL
- 11:48 Fishing Technique: IOL Implantation in Difficult Situations
Ricky ROOROH
- 12:00 Special Preparation on Various Challenging Cases
Shail VASAVADA

Controversies in Cataract Surgery: Debate

This debate-style session will tackle controversial topics in cataract surgery. The first pair explores the pros and cons of intracameral antibiotics, highlighting reduced infection risks and potential reasons against their use. The second pair analyzes the benefits of hydrophobic intraocular lenses (IOLs), emphasizing durability and positive patient outcomes. The third pair delves into the advantages of Femtosecond Laser-Assisted Cataract Surgery (FLACS), addressing precision and improved outcomes, along with opposing viewpoints on why some practitioners might choose alternatives due to concerns or limitations.

14:30 - 16:00 **Venue: Singaraja 2 (BNDCC1-1F)**
Chair(s): Tjahjono GONDHOWIARDJO, Andrzej GRZYBOWSKI, Ben LAHOOD

- 14:30 Cataract Surgery With IC Antibiotic: Yes
Burkhard DICK
- 14:42 Cataract Surgery With IC Antibiotic: No
Tat Keong CHAN
- 14:54 We Should Prefer Hydrophobic IOLs: Yes
Andrzej GRZYBOWSKI
- 15:06 We Should Prefer Hydrophobic IOLs: No
Ben LAHOOD
- 15:18 FLACS Is Preferable: Yes
Yibo YU
- 15:30 FLACS Is Preferable: No
Pichit NARIPTHAPHAN

IOL Fixation

There are many ways of managing a subluxated IOL. The preferred technique depends upon the remnant capsular support, the IOL design, whether the IOL is within or without the capsular bag, and ultimately, the surgeon's expertise. Experts in this video-based

session demonstrate various techniques for fixing a dislocated IOL.

16:30 - 18:00 **Venue: Singaraja 2 (BNDCC1-1F)**
Chair(s): Soon-phaik CHEE, Nashrul IHSAN, Mohan RAJAN

- 16:30 IOL Posterior Optic Capture in the Case of Subluxation IOL
Kimiya SHIMIZU
- 16:42 Foldable Scleral Fixation IOL
Nivean MADHIVANAN
- 16:54 Dislocated Single Piece IOL in Bag
Soon-phaik CHEE
- 17:06 Dislocated Single Piece IOL Without Bag
Nashrul IHSAN
- 17:18 Dislocated 3 Piece IOL Without Bag
Shin YAMANE
- 17:30 Dislocated 3 Piece IOL in Bag
Mohan RAJAN

Cornea, Dry Eyes, External Eye Diseases and Eye Banking

[Cornea Society Symposium] FECD: From Surgery to Medical Management

In the last quarter century, the management of Fuchs endothelial corneal dystrophy (FECD) has evolved into more and more sophisticated keratoplasty techniques. With an improved understanding of the pathophysiology and genetics of FECD, management of this condition in the future may be moving from surgical to medical treatments. In this Cornea Society-sponsored symposium, leaders in the field will discuss the newest surgical management of Fuchs, as well as imaging techniques and the future of cell and genetic therapy for FECD.

09:00 - 10:30 **Venue: Mengwi 6,7,8 (BNDCC2-GF)**
Chair(s): Jodhbir MEHTA, Namrata SHARMA, Jessica ZARWAN

- 09:00 Cell Death in FECD
Shigeto SHIMMURA
- 09:12 Genetic Basis of FECD
Jodhbir MEHTA
- 09:24 Cell Therapy in FECD
Shigeru KINOSHITA
- 09:36 Widefield Specular for FECD
Marcus ANG
- 09:48 iOCT for DMEK
Namrata SHARMA

10:00 Predicative Models for EK Outcomes
Pravin VADDAVALLI

Next Generation Eye Banking

As globalization makes strides in medicine, the importance of research and development, logistics, and business followed shortly after. Eye banking and corneal transplantation facilities are continuously evolving and modernizing themselves with updated knowledge and technological advances that are supported by systematic evidence-based approaches to provide quality services. Be inspired for the future as you listen to the APAO ophthalmologists present about the next generation of eye banking!

11:00 - 12:30 **Venue: Mengwi 6,7,8 (BNDCC2-GF)**
Chair(s): Samar BASAK, Tjahjono GONDHOWIARDJO, Ma.Dominga PADILLA

- 11:00 Eye Banking in India Today
Samar BASAK
- 11:10 Increasing Donor Retrieval
Lalida PARIYAKANOK
- 11:20 Establishing a Pre-stripped DMEK Service
Howard CAJUCOM UY
- 11:30 The Eye Bank's Role in Reducing Avoidable Blindness Through the Development of Tissue for Research Donation Programs
Heather MACHIN
- 11:40 Eye Banking in Mainland China
Weiyun SHI
- 11:50 Donor Assessment for Cell Therapy
Koji KITAZAWA
- 12:00 Increasing Donor Retrieval in Post-COVID Multiverse: The Philippine Experience
Ma.Dominga PADILLA

Improving Outcome in Ocular Surface Diagnosis and Management

The diagnosis and treatment of ocular surface disease are always challenging for ophthalmologists. This session will invite 6 experts from diverse regions to present their insights, covering chemical burn, tear biomarkers, corneal pain, LMK, stem cell reconstruction, and ocular surface microbiome. You will learn the most progression in this area.

14:30 - 16:00 **Venue: Mengwi 6,7,8 (BNDCC2-GF)**
Chair(s): Elfa Ali IDRUS, Zuguo LIU, Jodhbir MEHTA

- 14:30 E-Pix Chemical Injury
Geetha IYER
- 14:42 Tear Based Biomarkers Test for Clinical Diagnosis of OSD
Zuguo LIU
- 14:54 Neuropathic Corneal Pain
Yu-chi LIU

- 15:06 LMK
Swapna SHANBHAG
- 15:18 Stem Cell Recon in SJS
Chie SOTOZONO
- 15:30 Ocular Surface Microbiome
Vilavun PUANGSRICHARERN

[ADES Symposium] Recent Advances in Basic Science and Clinical Practice in Dry Eye in Asia

Dry eye is a very common ocular surface disease worldwide, and research on dry eye is constantly ongoing in many Asian countries. In this in-depth session, Board Members of the Asia Dry Eye Society will present and discuss current cutting-edge topics on dry-eye-related basic science and clinical research, as well as the latest diagnostic methods and treatment strategies applied, in order to help build a broader understanding of the disease.

16:30 - 18:00 **Venue: Mengwi 6,7,8 (BNDCC2-GF)**
Chair(s): Yulia AZIZA, Zuguo LIU, Hungwon TCHAH

- 16:30 Limbal Stem Cell Dysfunction Induced by Severe Dry Eye
Wei LI
- 16:42 Understanding the Different Staining Pattern Between Cornea and Conjunctiva in Patients With Dry Eye
Jong Suk SONG
- 16:54 AI-Assisted Tear Film Oriented Diagnosis
Norihiko YOKOI
- 17:06 Dry Eye IPL Treatment Using the Various Light Filters
Hungwon TCHAH
- 17:18 Symptom Assessment in a Routine Dry Eye Clinic
Louis TONG
- 17:30 Ocular Surface Temperature: New Biomarker for Ocular Surface Disease
Yuichi HORI

Glaucoma

[IOA-IGS Joint Symposium] Difficult Cases of Secondary Glaucoma

This symposium covers short case presentations of different types of secondary glaucoma from the Indonesian Glaucoma Society member in their practice, such as secondary glaucoma in subluxated lenses, pigment dispersion glaucoma, and silicone oil-induced glaucoma. The panel in this symposium will share their expertise in managing some of the challenges.

09:00 - 10:30 **Venue: Mengwi 3,5 (BNDCC2-GF)**
Chair(s): Andrini ARIESTI, Yulia Puspita SARI, Martin SONDAK

- 09:00 Case Presentation 1
Yulinda LAKSMITA
- 09:12 Case Presentation 2
Rika AGUSTANTI
- 09:24 Case Presentation 3
Krisna JATI
- 09:36 Case Presentation 4
Arya PRADIPTA
- 09:48 Case Presentation 5
Rini SULASTIWATY
- 10:00 Panel Discussion
Nurwasis, Iwan SOEBIJANTORO

New Drugs, New Devices, and New Products

New advances in technology are changing the way we diagnose and treat glaucoma. In this session, we will explore some of these recent advances, including new IOP sensors, nanotechnology, new surgical approaches, and even lifestyle factors that can affect the onset and progression of glaucoma.

11:00 - 12:30 **Venue: Pecatu Hall 3, 5 (BNDCC2-GF)**
Chair(s): Makoto AIHARA, Elsa GUSTIANTY, Tina WONG

- 11:00 Nanomedicines and New Drug Delivery Systems for Glaucoma
Tina WONG
- 11:08 Prostanoid EP2 Receptor Agonists: Where Are We Now?
Toru NAKAZAWA
- 11:16 Wireless Theranostic Smart Contact Lens for Monitoring of IOP
Sei Kwang HAHN
- 11:24 O_Oley: A Non-invasive and Wearable Device for Glaucoma Prevention
David LAM
- 11:32 Lifestyle and Glaucoma
Katharina BELL
- 11:40 Wenzhou Stent Assisted Internal Trabecular Surgery
Yuanbo LIANG
- 11:48 The OCULUS GONIO Ready, Free Your Hand for MIGS Surgery
Paul HARASYMOWYCZ

Clinical Studies and Trials in Glaucoma

In the last few years, many randomized clinical trials have been conducted in glaucoma. These trials range from medical, laser to surgical interventions and

encompass various subtypes of glaucoma. In this symposium, a selection of clinical trials in glaucoma will be featured with an emphasis on glaucoma in Asia.

14:30 - 16:00 **Venue: Pecatu Hall 3, 5 (BNDCC2-GF)**
Chair(s): Zeiras **DJAMAL**, Ching-lin **HO**, Norshamsiah **MD DIN**

- 14:30 Asia TVT Study
Natalia **PORPORATO**
- 14:38 ZAP and ANALIS Trials for PACS
Monisha **NONGPIUR**
- 14:46 Phaco-GSL vs Phaco Alone
Rahat **HUSAIN**
- 14:54 PVP: Phacogoniotomy vs Phacotrabeculectomy in Advanced PACG With Cataract
Yunhe **SONG**
- 15:02 What We Have Learned From NTG Trials?
Anton **HOMMER**
- 15:10 Surgical Interventions for Primary Congenital Glaucoma in Children
Ahnul **HA**
- 15:18 Trials on Pseudoexfoliation Glaucoma and Cataract
Mineo **OZAKI**
- 15:26 Preseflo- XEN Trial, What Do We Know After 4 Years?
Joseph **PANARELLI**

MIGS Present and Future

Minimally invasive glaucoma surgery (MIGS) has emerged as a safe and effective treatment for early to moderate glaucoma. This symposium will give an overview of the current trends in MIGS covering different types of canal-based procedures including cutting and stenting. It will also provide insights into the utility of suprachoroidal stents and new implants as a potential replacement for trabeculectomy. The potential of Aqueous angiography-guided MIGS will also be covered, giving the attendees up-to-date knowledge about current and future MIGS techniques.

16:30 - 18:00 **Venue: Pecatu Hall 3, 5 (BNDCC2-GF)**
Chair(s): Tanuj **DADA**, Paul **HEALEY**, I Made Agus **KUSUMADAJA**

- 16:30 Critical Analysis of Canal-Based MIGS Efficacy
Leon **AU**
- 16:38 Trabecular Bypass Devices – What Can Go Wrong and Rescue Operations
Shamira **PERERA**

- 16:46 Microhook Trabeculectomy
Masaki **TANITO**
- 16:54 All About Goniotomy and Cataract
Chor Kai **HUANG**
- 17:02 Suprachoroidal Implants
Kaweh **MANSOURI**
- 17:10 Low-Cost Cutting (GATT/BANG) vs High-Cost Stenting (I Stent/Hydrus)
Paul **HEALEY**
- 17:18 Mastering PRESERFLO MicroShunt and Its Complications
Chelvin **SNG**
- 17:26 Aqueous Angiography Guided MIGS
Tanuj **DADA**

Intraocular Inflammation, Uveitis and Scleritis

[APAO WIO Symposium] Ocular Infections: What We Can't Afford to Miss!

Ocular infections can lead to irreversible visual loss if not promptly recognized and treated appropriately. The APAO Women in Ophthalmology (WIO) Standing Committee, in collaboration with WIO U.S., proudly presents six accomplished women ophthalmologists from diverse regions across the Asia-Pacific and the United States. They will explore a comprehensive spectrum of ocular infections, covering topics such as keratitis, infectious uveitis, endophthalmitis, and orbital cellulitis. It is definitely a symposium you don't want to miss!

11:00 - 12:30 **Venue: Kintamani 2 (BNDCC1-MF)**
Chair(s): Carmen **CHAN**, Ava **HOSSAIN**, Ikke **SUMANTRI**

- 11:00 Atypical Corneal Ulcers
Fasika **WORETA**
- 11:12 Evaluation of Infectious Uveitis
Rokhsanda **REHNUMA**
- 11:24 Hyperacute Seasonal Panuveitis
Anu **MANANDHAR**
- 11:36 Endogenous Endophthalmitis Experience in Hong Kong
Shaheeda **MOHAMED**
- 11:48 Endophthalmitis and Interventions
Huma **SAIGOL**
- 12:00 Orbital Cellulitis: A Low Prevalence but High-Risk Disease
Dongmei **LI**

Multimodal Imaging (MMI) to Refine Differential Diagnosis and Monitor Response to Treatment in Infectious and Non-infectious Uveitis

In this session, experts from around the world will present the latest developments in the application of multimodal imaging in the evaluation of both infectious and non-infectious uveitis. Talks will cover all major imaging modalities, including fundus autofluorescence, fluorescein angiography, indocyanine green angiography, optical coherence tomography, and optical coherence tomography angiography.

14:30 - 16:00 **Venue: Kintamani 1 (BNDCC1-MF)**
Chair(s): Timothy LAI, Rifna LUTFIAMIDA, Peter MCCLUSKEY

- 14:30 Why Should I Use Ultra-wide Field FAF, FFA & ICGA
Peter MCCLUSKEY
- 14:45 Using OCT to Differentiate Causes of Infectious and Non-infectious Uveitis
Elisa CORNISH
- 15:00 When Should I Use OCTA?
Kelvin Yi Chong TEO
- 15:15 Using MMI to Diagnose and Monitor Treatment Response in Ocular Lymphoma
Kenichi NAMBA
- 15:30 Using MMI to Diagnose and Monitor Treatment Response in Syphilitic Uveitis
Shelina OLI MOHAMED
- 15:45 Using MMI to Diagnose and Monitor Treatment Response in Tubercular Uveitis
Vishali GUPTA

Miscellaneous

APAO Leadership Development Program (LDP) 2024-25 Orientation Class 3

Open to APAO LDP Class 2024-25 participants only.

09:00 - 10:30 **Venue: Uluwatu 6 (BNDCC1-GF)**

09:00 Insights Discovery I
Muhammad MOIN

APAO Quiz

All registered delegates are invited to test their wits by attempting to answer a set of multiple-choice ophthalmology-related questions in the APAO Quiz. Attractive prizes are assured for winners!

10:30 - 11:30 **Venue: Showcase Theater (Nusa Dua Hall, BNDCC1-GF)**

Chair(s): Quresh MASKATI, Syntia NUSANTI, Namrata SHARMA

10:30 APAO Quiz

APAO Leadership Development Program (LDP) 2024-25 Orientation Class 4

Open to APAO LDP Class 2024-25 participants only.

11:00 - 12:30 **Venue: Uluwatu 6 (BNDCC1-GF)**

11:00 Insights Discovery II
Muhammad MOIN

APAO Young Ophthalmologists (YO) Symposium

The YO symposium will feature our top APAO YO speakers' free paper presentations and recognize our talented YO through our awards presentation section.

14:30 - 16:00 **Venue: Mengwi 3,5 (BNDCC2-GF)**
Chair(s): Marcus ANG, Seng Kheong FANG, Simon FUNG

- 14:30 Opening and Welcome Address
Seng Kheong FANG
- 14:35 Updates on APAO YO and Activities
Marcus ANG
- 14:40 Comparing Bulbar Conjunctival Microvascular Features Between Sjogren and Non-sjogren Dry Eye Patients, Using Deep Learning-Based Stabilization Algorithm
Jiyoung LEE
- 14:46 Predicting Outcomes for Patients Undergoing Corneal Transplants using AI Machine Learning-based Methods
Kavya CHANDRAN
- 14:52 Ocular Manifestations and Outcomes in Children with Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis
Yueh-ling CHEN
- 14:58 Histone Lactylation-Boosted ALKBH3 Potentiates Tumor Progression and Diminished Promyelocytic Leukemia Protein Nuclear Condensates by N1-Methyladenosine Demethylation of SP100
Xiang GU
- 15:04 COVID-19 and the Eye – An Update
Hannah NG
- 15:10 YO Awards Presentation
- 15:20 YO Travel Grants Presentation
- 15:30 YO Rising Star Program Acknowledgment

Myopia

[APMS Symposium] Myopia Control: New Treatment

This session gathers leading experts to present their perspectives on the innovative methods and strategies being devised and applied to address the increasing challenge of myopia. It highlights the evolving landscape of research and clinical practice in the field.

09:00 - 10:30 **Venue: Kintamani 2 (BNDCC1-MF)**
Chair(s): *Mingguang HE, Tri RAHAYU, Pei-chang WU*

- 09:00 ICL to Correct Myopia – Indication and Evidences
Xingtao ZHOU
- 09:12 Scleral Cross-Linking: Does It Work?
Quan HOANG
- 09:24 Choroidal Blood Perfusion: A Target for Myopia Treatment?
Xiangtian ZHOU
- 09:36 Atropine Myopia Control: New Evidences on Multi-Ethnics
Xiu Juan ZHANG
- 09:48 Combined Therapy in Myopia Control
Pei-chang WU
- 10:00 Ortho K in Myopia Control in Indonesia
Tri RAHAYU
- 10:12 Myopia Control With Combination Therapy: Atropine Eye Drops and Defocus-Incorporated Multiple Segment Ophthalmic (DIMS) Lenses
Noemi GUEMES-VILLAHOZ

Neuro-Ophthalmology

Challenging Cases in Neuro-Ophthalmology

We will delve into the captivating world of neuro-ophthalmology, where cases exhibit significant variations, posing intricate challenges in diagnosis. The complexity of these cases extends far beyond the ordinary intricacies of vision, as some instances can present threats to both sight and life. Throughout this session, we aim to showcase compelling cases that not only demand our attention but also invite participants to engage in lively discussions. The diverse scenarios presented will serve as a catalyst for a collective exploration of diagnostic strategies and treatment modalities.

09:00 - 10:30 **Venue: Kintamani 7 (BNDCC1-MF)**
Chair(s): *Helen DANESH-MEYER, Satoshi KASHII, Yunita MANSYUR*

- 09:00 Challenges of Optic Neuritis Management in Children
Wan Hazabbah WAN HITAM
- 09:12 The Typically Atypical: Tracking Down the Culprit of Infectious Optic Neuritis
Syntia NUSANTI
- 09:24 Emergency Cases in Neuro-Ophthalmology
Clement TAN
- 09:36 Troublesome Tales: Tackling Tricky Optic Neuropathy
Karen REYES
- 09:48 The One With Frozen Eye
Alia ARIANTI
- 10:00 Needling Into the Channels
Shaoying TAN

Emergency Neuro-Ophthalmology

Neuro-ophthalmological emergencies constitute vision or life-threatening conditions if diagnosis and treatment are not promptly undertaken. A patient may present with diplopia, visual loss and pain. However, sometimes a patient may be asymptomatic with incidental detection of optic disc(s) swelling. In this symposium, a systematic approach to evaluate dangerous diplopia, disc swelling, eye pain and vascular diseases will be presented. The symposium will provide a practical framework to help approach patients with neuro-ophthalmic emergencies.

- 16:30 - 18:00 **Venue: Kintamani 7 (BNDCC1-MF)**
Chair(s): *Celia CHEN, Seskoati PRAYITNANINGSIH, Anguor WANG*
- 16:30 How Do I Determine If the Diplopia Is Dangerous?
Rashmin GANDHI
- 16:42 When Is Optic Disc Swelling Dangerous?
Helen DANESH-MEYER
- 16:54 Central Retinal Artery Occlusion- Is This a Treatable Condition?
Celia CHEN
- 17:06 Dangerous Vessels – A Ticking Time Bomb
Hemalini SAMANT
- 17:18 Acute Eye Pain
Satoshi KASHII
- 17:30 Panel Discussion

Ocular Imaging

Implementing Ocular Imaging Technologies Into Clinical Practice

Ocular imaging technologies are rapidly advancing and utilized on a global scale. Numerous recent

advancements in this field can be applied to clinical settings. This session proudly hosts seven distinguished speakers who possess exceptional expertise. Their presentations will serve to foster our enthusiasm for artificial intelligence (AI), big data, and various topics pertaining to how to implement ocular imaging technologies for assessing different eye diseases into clinical practice.

09:00 - 10:30 **Venue: Kintamani 6 (BNDCC1-MF)**
Chair(s): Kyoko OHNO-MATSUI, Ki Ho PARK, Sjakon TAHIJA

09:00 Artificial Intelligence in Diagnosing and Managing Eyes With High Myopia and Pathologic Myopia
Kyoko OHNO-MATSUI

09:10 Explainable AI in Glaucoma Diagnosis
Ki Ho PARK

09:20 Imaging for Pachychoroid Diseases
Timothy LAI

09:30 Corneal Nerve Imaging
Yu-chi LIU

09:40 Deep Learning Based AS-OCT Imaging
Christopher LEUNG

09:50 Implementation of Artificial Intelligence in Ophthalmology: Experience in China
Haotian LIN

10:00 Glaucoma and Expertise in Big Data
Swarup SWAMINATHAN

Ocular Oncology and Pathology

New Research Developments in Ocular Oncology

As many intraocular and orbital tumors are difficult to treat and some may give rise to metastases, it is of very great importance to know more about the behavior of different tumors. This session will address the newest findings in pigment tumors, angiogenic tumors, retinoblastoma, lymphoma and orbital metastases, for better diagnosis and treatment of these conditions.

14:30 - 16:00 **Venue: Kintamani 3 (BNDCC1-MF)**
Chair(s): Anita CHAN, Mutmainah MAHYUDDIN, Robert VERDIJK

14:30 Micro RNA Profiling for Tumors of the Eye and Adnexa
Robert VERDIJK

14:38 Insights Into Human Choroid Melanocortins and Melanoma
Michele MADIGAN

14:46 New Developments in Uveal Melanoma
Renbing JIA

14:54 Expression of PDL1, TAZ, and Ki67 Proliferation Index in Retinoblastoma: Can It Be Used As Prognostic Factor?
Purjanto UTOMO

15:02 Application of Laser Speckle Flowgraphy on Clinical Diagnosis of Intraocular Tumors
Satoru KASE

15:10 Von Lippel-Hindau Syndrome
Emine KILIC

15:18 Expect the Unexpected in Orbital Metastases
Mutmainah MAHYUDDIN

15:26 Intraocular Masquerade Syndromes
Jyotirmay BISWAS

15:34 Cytologic and Molecular Diagnostics for Vitreoretinal Lymphoma
Anita CHAN

Ocular Trauma

[APOTS Ophthalmic Trauma Program] In a Blink: Understanding Ophthalmic Trauma

This program provides a comprehensive exploration of ophthalmic trauma, delving into the classification, imaging and intricate details of eye injuries and their implications. "In a Blink" focuses on enhancing participants' understanding of the various causes, types, and immediate responses to ophthalmic trauma. Through a blend of theoretical knowledge and practical insights, the program aims to equip healthcare professionals with the skills needed to assess, diagnose, and manage eye injuries swiftly and effectively.

09:00 - 10:30 **Venue: Kintamani 1 (BNDCC1-MF)**
Chair(s): Rupesh AGRAWAL, Haoyu CHEN, Yunia IRAWATI

09:00 Deciphering Ophthalmic Trauma: IGATES Classification
Annette HOSKIN

09:10 Imaging Ophthalmic Trauma: Techniques and Interpretation
Honglei LIU

09:20 Electrophysiology in Ophthalmic Trauma: Insights and Applications
Graham HOLDER

09:30 Pediatric Eye Injuries: Anterior Segment Involvement
Fasika WORETA

- 09:40 Firework Injuries – Progress Made and Promises to Keep
Mae Lynn BASTION
- 09:50 Orbital and Adnexal Manifestations of Ophthalmic Trauma
Yunia IRAWATI
- 10:00 Neuro-ophthalmic Aspects of Ocular Trauma
An-guor WANG
- 10:10 Rehabilitation Strategies for Ocular Trauma Survivors
Danial BOHAN
- 10:20 Q&A

Ophthalmic Epidemiology and Prevention of Blindness

“Executive Summary”: Everything You Need to Know About Novel Approaches to Global Eye Health and Epidemiology in South-East Asia

This session on South-East Asia will report on the latest and most transformative ideas, models and research about the epidemiology and delivery of global eye health, describing the problems and their most effective solutions in the South-East Asian region.

09:00 - 10:30 **Venue: Uluwatu 1 (BNDCC1-GF)**
Chair(s): Seang-mei SAW, Ni Made Ari SURYATHI, Yih-chung THAM

- 09:00 Community Screening for Visual Impairment in Singapore
Yih-chung THAM
- 09:10 Burden of Diabetic Retinopathy in Thailand
Prut HANUTSAHA
- 09:20 Epidemiology of Myopia in Indonesian Children and the Challenges
Rita S SITORUS
- 09:30 Burden of Eye Diseases in Laos
Phetsamone INDARA
- 09:40 Tackling Glaucoma in Vietnam
Thu Huong HA
- 09:50 Burden of High Myopia in Singapore and Comparisons With China
Seang-mei SAW
- 10:00 Burden and Community Support for Eye Health in Malaysia
Mohamad Aziz SALOWI

[ICO Symposium] Meeting Global Eye Health Needs

Learn the latest about the International Council of

Ophthalmology and global eye health agenda and how you can join. Get inspired by country experiences in addressing cataract, diabetic retinopathy, glaucoma and other main eye conditions and see how you can enhance your practice with the use of the World Health Organization resources for ophthalmology. Keep abreast of artificial intelligence advancements in eye care supporting excellence and knowledge sharing around the world.

14:30 - 16:00 **Venue: Kintamani 5 (BNDCC1-MF)**
Chair(s): Andi Akhmad FAISAL, Ava HOSSAIN, Ivo KOCUR

- 14:30 International Council of Ophthalmology Contribution to the Global Eye Health Agenda
Ivo KOCUR
- 14:38 Update From WHO – Key Eye Care Initiatives and Products
Andreas MUELLER
- 14:46 Magnitude of Eye Diseases: Interventions to Reduce Burden of Vision Impairment in Bangladesh
Ava HOSSAIN
- 14:54 Integrating Digital Technologies in Eye Care: Addressing Global Health Challenges
Tetsuro OSHIKA
- 15:02 Early Detection of Glaucoma: Lessons From the Korea National Health and Nutrition Examination Survey (KNHANES)
Ki Ho PARK
- 15:10 Preliminary Results of China Eye Health Survey in Fifteen Provinces
Ningli WANG
- 15:18 Current Status and Challenges of Cataract in China
Ke YAO
- 15:26 Screening of Diabetes and Diabetic Retinopathy Using AI – Way Forward for Global Eye Health
S NATARAJAN

“Executive Summary”: Everything You Need to Know About Novel Approaches to Global Eye Health and Epidemiology in Bangladesh, India, Nepal, Pakistan, and Sri Lanka

Vision loss adversely affects a billion people worldwide, with South Asia sharing a disproportionate burden. The APAO Global Eye Health and Epidemiology Symposium features talks from South Asian Countries delivered by public eye health leaders in the region. In addition to the epidemiology of vision loss in the region, topics on the history and evolution of primary eye care and vision loss in vulnerable populations are presented. A bird’s eye view of innovative approaches to address vision loss is showcased in the symposium.

16:30 - 18:00 **Venue: Uluwatu 1 (BNDCC1-GF)**
*Chair(s): Yeni **LESTARI**, Srinivas **MARMAMULA**,
Sumrana **YASMIN***

- 16:30 Welcome and Introduction
16:34 Epidemiology of Vision Loss in Elderly Population in India
*Srinivas **MARMAMULA***
- 16:42 Journey of Primary Eye Care and Vision Centres in India – Past, Present and Future
*Sabitra **KUNDU***
- 16:50 Epidemiology of Vision Loss in Bangladesh and Novel Solutions to Address the Challenges
*Ah M Enayet **HUSSAIN***
- 16:58 Epidemiology of Vision Loss in Different Population Groups in Pakistan
*Muhammad **JADOON***
- 17:06 Leveraging Innovation to Increase Access to Eye Care in Pakistan
*Sumrana **YASMIN***
- 17:14 Epidemiology of Vision Loss in Nepal and Novel Solutions to Address the Challenges
*Junu **SHRESTHA***
- 17:22 Epidemiology of Vision Loss in Sri Lanka and Novel Solutions to Address the Challenges
*Asela **ABEYDEERA***
- 17:30 Discussion and Q&A

Orbital and Oculoplastic Surgery

Tips and Tricks on Thyroid Eye Disease (TED)

In this “Tips and Tricks on Thyroid Eye Disease (TED)” symposium, key opinion leaders of TED from different Asia-Pacific and European centres will share their tips and tricks on understanding and managing TED, from pathophysiology, clinical to psychometric assessment, lifestyle modifications to applying published clinical trials and different surgical operations including different types of orbital decompression, strabismus correction to eyelid procedures.

11:00 - 12:30 **Venue: Kintamani 1 (BNDCC1-MF)**
*Chair(s): Kelvin Kam-lung **CHONG**, Rinaldi **DAHLAN**,
Lay Leng **SEAH***

- 11:00 Tips and Tricks on Understanding Pathogenesis and Translational Research on TED
*Xianqun **FAN***
- 11:10 Tips and Tricks on Clinical, Serological, and Radiological Assessment in TED
*Suryasnata **RATH***

- 11:20 Tips and Tricks on Quality of Life Evaluation and Lifestyle Modifications in TED
*Tri **HERDIANA***
- 11:30 Tips and Tricks on Applying Clinical Trials in My TED Practice
*Alan Chun Hong **LEE***
- 11:40 Tips and Tricks on Bony Orbital Decompression
*Timothy **SULLIVAN***
- 11:50 Tips and Tricks on Avoiding Diplopia After Orbital Decompression
*Honglei **LIU***
- 12:00 Tips and Tricks on Fat Removal Orbital Decompression and Related Reconstruction
*Yi-hsuan **WEI***
- 12:10 Tips and Tricks on Strabismus Correction in TED
*Anja **ECKSTEIN***
- 12:20 Tips and Tricks on Eyelid Procedures in TED
*Huifang **ZHOU***

Orbit, Trauma, and Socket: Current Evolution and Future Challenges

This symposium will highlight some of the new developments in orbital and socket conditions, as well as the management of difficult problems in these areas. The latest development of orbital injury and fractures will also be covered.

16:30 - 18:00 **Venue: Kintamani 1 (BNDCC1-MF)**
*Chair(s): Don **KIKKAWA**, Rodiah **LUBIS**, Hunter **YUEN***

- 16:30 Patient-specific Implant
*Tarjani **DAVE***
- 16:40 Intraorbital Foreign Body
*Syed Ali Raza **RIZVI***
- 16:50 Orbital and Socket Reconstruction After Exenteration
*Rohit **SAIJU***
- 17:00 Orbital Inverted Papilloma: Hurdles and Tips
*Farzad **PAKDEL***
- 17:10 Periocular Penetrating Trauma
*Masashi **MIMURA***
- 17:20 Sirolimus in the Treatment of Vascular Anomalies
*Catherine Y. **LIU***
- 17:30 Management of Severe Contracted Socket
*Ratna **DOEMILAH***
- 17:40 Surgical Treatment of Orbital Diseases: From a Multidisciplinary Perspective
*Renbing **JIA***

17:50 Accurate Surgical Treatment of Orbital Blow-Out Fracture: 3D Printing, Navigation-Guided Endoscopy and Absorbable Implants
Hongfei LIAO

Pediatric Ophthalmology and Strabismus

[IOA-INAPOSS Joint Symposium] The Scoop of Handling POS Cases

Early detection of children's eye problems is very important because it is related to the child's quality of life. Various problems that are common in children are discussed in this session, so it is worth attending.

09:00 - 10:30 **Venue: Mengwi 1,2 (BNDCC2-GF)**
Chair(s): Muhammad ASRORUDDIN, Eval MELDA

09:00 Congenital Cataract and PFV: What Lies Beyond Clouded Lens
Kemala SAYUTI

09:12 Color Blindness: Basic Clinical Knowledge
Takashi NEGISHI

09:24 Going Up and Down in Vertical Deviations
Ni SETYONINGRAM

09:36 Raised IOP as a Complication of Thyroid Related to Strabismus
Jin Rong LOW

09:48 Retinal Pathologies in Pediatric: Advances in Diagnosis and Treatment
Balgis SOELISTYOWATI

10:00 Reading Ability in Children With Intermittent Exotropia
Xinping YU

[IOA-INAPOSS Joint Symposium] POS Cases: Dive Into Every Corner

Children are not miniature adults. Treatment of childhood eye problems requires unique and different therapy from adults. This session thoroughly discusses the management of common eye problems in children.

11:00 - 12:30 **Venue: Mengwi 1,2 (BNDCC2-GF)**
Chair(s): Albaaza NUADY, Indah PUSPAJAYA

11:00 Keeping Up the Visual Acuity in Amblyopia
Aryani AMRA

11:12 Different Approach in Managing Incomitant Esotropia
Rozalina LOEBIS

11:24 Rise Awareness on Rising Tension: Approach for Pediatric Glaucoma
Arnita SAUBIG

11:36 Botox Therapy in Congenital Esotropia
Li-chung CHI

11:48 Anti VEGF: A Breakthrough Treatment for ROP
I Wayan Eka SUTYAWAN

12:00 Management of Consecutive Exotropia
Tareik ALDOAIS

Lessons Learnt in Strabismus

The cumulative knowledge of decades of published literature is the basis of our clinical practice in strabismus. However, there are unique lessons and nuances that come with personal experience. We have selected our panel of experienced strabismus surgeons to share some of these unique lessons from their many (combined) years of practice. The session includes lessons learnt in the management of esotropias and specific strabismus syndromes, as well as the learning experience that can come from surprises and mistakes.

14:30 - 16:00 **Venue: Kintamani 2 (BNDCC1-MF)**
Chair(s): Sonal FARZAVANDI, Kimberley TAN, Lely WULANDARI

14:30 Infantile Esotropia: What Is the Best Management?
Hui-chen CHENG

14:39 Do All Children With Acquired Non-refractive Esotropia Need Surgery?
Guan Hui YAP

14:48 Devils in the Details of Management of Heavy Eye Syndrome
Anna Puspitasari BANI

14:57 What Parents and Patients Are Really Asking Me About Strabismus Surgery
Kimberley TAN

15:06 Lessons Learnt From an Unusual Hypotropia
Sonal FARZAVANDI

15:15 Lessons Learnt From a Slipped Muscle
Chen ZHAO

15:24 Lessons Learnt From Surprises and Mistakes in Strabismus Surgeries
Jan-tjeerd DE FABER

15:33 Q&A

Do's and Don'ts in Strabismus Surgery

This symposium highlights the do's and don'ts in various aspects of strabismus management, ranging from preoperative evaluation, the use of topical anaesthesia, to challenging strabismus operations including post-ESS exotropia, thyroid strabismus, and inferior rectus aplasia etc. Insightful discussion will be provided by the expert panel from Spain, Denmark, Singapore, Indonesia, China, Chinese Taipei, and Hong Kong.

- 16:30 - 18:00 **Venue: Kintamani 2 (BNDCC1-MF)**
Chair(s): Devina ANNISA, Jason YAM, Wei ZHANG
- 16:30 Topical Anesthesia in Strabismus Surgery
Rosario GOMEZ DE LIANO
- 16:39 Do's Before Alignment: Fundus Examination in Strabismus Evaluation
Chia-wei LEE
- 16:48 Do's and Don'ts in the Surgical Management of Thyroid Myopathy
Wei Yan NG
- 16:57 Successful Surgical Management of Exotropia After ESS: Personal Experience
Jian-hua YAN
- 17:06 Treatment of Inferior Rectus Muscle Aplasia
Junhong LI
- 17:15 The Superior Oblique – When Too Tight or Too Loose – Do's and Don'ts
Jon Peiter SAUNTE
- 17:24 Do's Before Restrictive Strabismus Surgery
Luki INDRIASWATI

Refractive Surgery

An Update in Corneal Refractive Surgery: What Is Known and What Is Coming

This symposium will deal with what is known and what is upcoming in modern corneal refractive surgery. The latest progress in intracorneal lamellar surgery and the most recent benchmarks on the topic will be highlighted by internationally acknowledged experts.

09:00 - 10:30 **Venue: Singaraja 1 (BNDCC1-1F)**
Chair(s): John CHANG, Sri GANESH, Tjahjono GONDHOWIARDJO

- 09:00 Earlier Experience With Smile Pro (VM800)
John CHANG
- 09:12 Lenticule Extraction Procedure ATOS vs SMILE
Shihao CHEN
- 09:24 Is SMILE the Standard of Corneal Refractive Surgery in Treating Myopic Astigmatism?
Thomas KOHNEN
- 09:36 Application of Corneal Biomechanics in Preoperative Screening
Xiaoying WANG
- 09:48 The Challenges in Presbyopia Treatment Through Corneal Refractive Surgery
Minoru TOMITA

Presbyopia Correction: What Is True, What Is Fake, and What Is Working

Presbyopia is still today a holy grail never accomplished. The compensation of presbyopia can be done with different methods and many others have failed in spite of raising important expectations. This session will give an update on what should be used today based on evidence to correct your presbyopic patients.

11:00 - 12:30 **Venue: Singaraja 1 (BNDCC1-1F)**
Chair(s): Jorge ALIO, Sri GANESH, Johan A. HUTAURUK

- 11:00 IC8 IOL
Robert ANG
- 11:12 Presbyond-Principles and Clinical Outcomes
Mahipal SACHDEV
- 11:24 Managing Unhappy Patients After Presbyond
Sheetal BRAR
- 11:36 What Do We Have to Correct Presbyopia Now
Hung Yuan LIN
- 11:48 EDOF IOLs
Mohamad ROSMAN
- 12:00 New Presbyopic Phakic IOL From Ophtec (Artiplus)
Youngsub EOM
- 12:12 Accommodative IOLs Coming Now!
Jorge ALIO

What I Did Wrong and How I Solved It

The resolution of problems is one of the most important issues differentiating refractive surgeons. Those who are able to deal with complications obtain higher levels of excellence, while those who cannot manage complications properly can end up with medico-legal problems. This session will tell you how to prevent and treat problematic conditions in different types of refractive surgery.

14:30 - 16:00 **Venue: Singaraja 1 (BNDCC1-1F)**
Chair(s): Jorge ALIO, Nashrul IHSAN, Mohamad ROSMAN

- 14:30 Case Related to Premium IOL
Gerd AUFFARTH
- 14:42 Case Related to Toric IOL
Naren SHETTY
- 14:54 Case Related LASIK
Johan A. HUTAURUK
- 15:06 Analysis and Treatment of Astigmatism After SMILE Surgery
Yan WANG

15:18 TBC
Seyed Javad **HASHEMIAN**

Ocular Surface in Refractive and Premium IOL Surgery

The ocular surface has become one of the most important topics in dealing with modern refractive surgery. Ocular surface management, treatment and optimization are essential tools today to obtain the best outcomes not only in cornea refractive but also in intraocular refractive surgery either with phakic IOLs or with refractive lens exchange. This session is focused on the management of ocular surface in these refractive surgical topics.

16:30 - 18:00 **Venue: Singaraja 1 (BNDCC1-1F)**
Chair(s): John **CHANG**, *Sri* **GANESH**, *Rio* **RHENDY**

16:30 Cataract Surgery in Dry Eye Disease: Monofocal, Trifocal, or EDOF?
John **CHANG**

16:42 Premium IOL in Post-refractive Eyes
Gaurav **LUTHRA**

16:54 Optimizing the Ocular Surface Before Premium IOL Surgery
Shail **VASAVADA**

17:06 Ocular Surface Induced Complications in Refractive Surgery
Sri **GANESH**

17:18 Management of Ocular Surface Post-refractive Surgery
Sheetal **BRAR**

17:30 How to Make the Myopic People With Presbyopia Smile Assisted by Laser
Fengju **ZHANG**

Retina (Medical)

Diabetic Macular Edema (DME)

Anti-VEGF treatments remain the mainstay of therapy for diabetic macular edema. A variety of fixed dosing and as needed (PRN) treatment regimens and monitoring protocols have been shown to be effective without sacrificing visual acuity outcomes, on average. These results, though, are dependent on providing frequent monitoring and frequent anti-VEGF agents to some individuals, which may not be readily available around the world, prompting pursuits of agents or delivery systems that might address these challenges.

09:00 - 10:30 **Venue: Pecatu Hall 1, 2 (BNDCC2-GF)**
Chair(s): Susan **BRESSLER**, *Andrew* **CHANG**, *Dian* **DAMERIA**

09:00 Epidemiology of DME
Sobha **SIVAPRASAD**

09:13 High Dose Aflibercept for DME
Andrew **CHANG**

09:26 Durability of Aflibercept and Faricimab for DME
Onnisa **NANEGRUNGSUNK**

09:39 Some Common Misperceptions Regarding Anti-VEGF Treatment for DME
Neil **BRESSLER**

09:52 Corticosteroids in Management of DME
Matthew **SIMUNOVIC**

10:05 Treating DME in the Presence of Proliferative Diabetic Retinopathy
Jun **KONG**

10:18 Challenges of Managing DME in Indonesia
Dian **DAMERIA**

Proliferative Diabetic Retinopathy (PDR)

Management of proliferative diabetic retinopathy (PDR) has evolved rapidly with the use of anti-VEGF agents over the last few years. Deciding how to incorporate panretinal photocoagulation during the use of anti-VEGF agents for PDR, with and without concomitant diabetic macular edema, as well as the role of imaging and vitrectomy in for PDR or eyes at risk of PDR, is being clarified by results of recent clinical trials.

11:00 - 12:30 **Venue: Pecatu Hall 1, 2 (BNDCC2-GF)**
Chair(s): Referano **AGUSTIAWAN**, *Youxin* **CHEN**, *Taraprasad* **DAS**

11:00 Remote Laser Photocoagulation
Youxin **CHEN**

11:15 PRP vs Anti-VEGF for PDR
Susan **BRESSLER**

11:30 Managing DME in the Setting of PDR
Gopal **LINGAM**

11:45 Imaging PDR
Paolo Antonio **SILVA**

12:00 Traction Retinal Detachments Not Requiring Prompt Vitrectomy
Xiaoyan **DING**

12:15 Vitrectomy vs Anti-VEGF for Vitreous Hemorrhage from PDR
Referano **AGUSTIAWAN**

Polypoidal Choroidal Vasculopathy (PCV)

Polypoidal choroidal vasculopathy (PCV), a specific phenotype of choroidal neovascularization, is frequently noted among older patients of Asian descent but is also seen in other patients around the world. Recent clinical research has helped to guide imaging interpretation of this condition on structural OCT as well as OCT angiography. While anti-VEGF treatment is effective at reducing the risk of vision

loss in many patients, evolving imaging and anti-VEGF agents, as well as photodynamic therapy, continue to be evaluated.

14:30 - 16:00 **Venue: Pecatu Hall 1, 2 (BNDCC2-GF)**
*Chair(s): Gitalisa **ADRIONO**, Voraporn **CHAIKITMONGKOL**, Gemmy **CHEUNG CHUI MING***

- 14:30 Epidemiology of PCV
*Tock-han **LIM***
- 14:45 Imaging of PCV
*Gitalisa **ADRIONO***
- 15:00 Anti-VEGF Monotherapy for PCV
*Won Ki **LEE***
- 15:15 When and Where to Apply PDT With Anti-VEGF for PCV
*Voraporn **CHAIKITMONGKOL***
- 15:30 Newest Anti-VEGF Agents for PCV
*Colin **TAN***
- 15:45 Role of ICG-Guided Treatment
*Paisan **RUAMVIBOONSUK***

Drug Toxicities in Retina

New systemic therapies, including checkpoint and other inhibitors, have been associated with adverse events in the retina in some individuals, necessitating continuing medical education to recognize these findings, while newer imaging techniques assist with understanding other drug toxicities, e.g., from hydroxychloroquine or tamoxifen. Other potential toxicities, such as silicone oil droplets in the eye following intravitreal injections, or associations of pentosan polysulphate with retinal changes that may appear indistinguishable from pattern dystrophies of the retina, will be discussed.

16:30 - 18:00 **Venue: Pecatu Hall 1, 2 (BNDCC2-GF)**
*Chair(s): Arief **KARTASASMITA**, Mark **PENNESI**, Young Hee **YOON***

- 16:30 Retinal Masquerades of MEK, Checkpoint, ALK, and ERK Inhibitors
*William **MIELER***
- 16:45 Hydroxychloroquine Toxicity Updates
*Arief **KARTASASMITA***
- 17:00 Severe Intraocular Inflammation With Newer Intravitreal Agents for Neovascular AMD or Geographic Atrophy
*Jun **KONG***
- 17:15 Tamoxifen Toxicity: What Should the Ophthalmologist Know
*Xinyuan **ZHANG***
- 17:30 Retina Abnormalities and Pentosan Polysulfate: Pattern Dystrophy Association or Cause and Effect
*Adrian **FUNG***

- 17:45 Interaction Between Genetics and Adherence to the Mediterranean Diet on Risk for Age-Related Macular Degeneration
*Rufino **SILVA***

Retina (Surgical)

Management of Vitreoretinal Surgery Complications

Vitreoretinal surgery has significantly advanced the treatment of vitreoretinal diseases. However, despite extensive surgical experience since the advent of the vitrectomy in the 1970s, complications persist. These include suprachoroidal hemorrhages, challenges in diabetic vitrectomies, recurrent or unclosed large macular holes, and many others that may arise during or after surgery. Though rare, complications related to retinal surgery can have serious consequences. This session will highlight several of the complications specific to vitreoretinal surgery, as well as their prevention and management.

09:00 - 10:30 **Venue: Pecatu Hall 3, 5 (BNDCC2-GF)**
*Chair(s): Gavin **TAN**, Peiquan **ZHAO**, Erwin **ISKANDAR***

- 09:00 An Accident After Suprachoroidal Hemorrhage Draining
*Xiaoxin **LI***
- 09:10 Diabetic Vitrectomy: A Guide to Managing Unexpected Complications
*Rova **VIRGANA***
- 09:20 A Management of Massive Intraocular Hemorrhage After Vitrectomy Combined With Silicone Oil Tamponade for Severe PDR
*Xiao-rong **LI***
- 09:30 Management of Recurrent Large Macular Hole in Highly Myopic Eyes
*Chi-chun **LAI***
- 09:40 Management of Recurrent PVR and GRT
*Carlo **NASOL***
- 09:50 Subretinal and Suprachoroidal Air
*Nuttawut **RODANANT***
- 10:00 Complications of Vitrectomy With Scleral Fixation
*Min **SAGONG***
- 10:10 A Novel Technique for Unclosed Macular Hole
*Peiquan **ZHAO***

Pediatric Retinal Surgery

The surgery for pediatric retina diseases is challenging. The session highlights the recent advances in pediatric retina surgery. The contents include the novel approach in pediatric retinal detachment surgery, current management of juvenile retinoschisis,

gene therapy for Leber congenital amaurosis, a new approach to the pediatric giant tear, IOL fixation in pediatric patients in the absence of bag support, and surgical management in advanced Coats disease. The speakers are world-renowned experts in the field. After the session, the audience will get a better idea of surgical techniques for managing these tough pediatric retinal surgical cases.

11:00 - 12:30 **Venue: Singaraja 2 (BNDCC1-1F)**
Chair(s): Shunji **KUSAKA**, Soefiandi **SOEDARMAN**, Wei-chi **WU**

11:00 Combined Scleral Buckle and Imbrication in Pediatric Retinal Detachments Surgery
Subhadra JALALI

11:10 Current Management of Juvenile Retinoschisis: Medical, Surgery and Gene Therapy?
Wai-ching LAM

11:20 Gene Therapy for Leber Congenital Amaurosis
Peiquan ZHAO

11:30 The Pediatric Giant Tear
Atchara AMPHONPHRUET

11:40 IOL Fixation in Paediatric Patients in the Absence of Bag Support
Manoharan SHUNMUGAM

11:50 Surgical Management in Type 4 ROP
Sjakon TAHIJA

12:00 Coats Disease
Andrew TSAI

[IOA-INAVRS Joint Symposium] Retinal Artery and Vein Occlusion: From Diagnosis to Treatment

Retinal Artery and Vein Occlusion: epidemiology, diagnosis, pathogenesis, latest treatment, surgical intervention and complication will be discussed here. Knowledge and skill to realize and treat the RVO in daily practice will be the main purpose of this session.

14:30 - 16:00 **Venue: Mengwi 1,2 (BNDCC2-GF)**
Chair(s): Wimbo **SASONO**, Ni Made Ari **SURYATHI**

14:30 Epidemiology of Retinal Artery and Vein Occlusion
Weni HELVINDA

14:42 How to Diagnose Retinal Artery and Vein Occlusion
Ramzi AMIN

14:54 Pathophysiology and Pathogenesis of Retinal Artery and Vein Occlusion
Mia PURNAMA

15:06 Imaging Biomarker for Retinal Artery and Vein Occlusion
Elvioza ELVIOZA

15:18 Treatment of Retinal Artery and Vein Occlusion, Randomized Trials vs RWE
Sauli ARI WIDJAJA

15:30 Complication and Surgical Intervention of Retinal Artery and Vein Occlusion
Arief WILDAN

Translational Research in Ophthalmology

[AOI Symposium] Areas Where Basic Science Has Given New Insight Into Pathobiology of Ocular Diseases

The Academia Ophthalmologica Internationalis connects ophthalmologists who are leaders in their fields of clinical care and science, who are heavily involved in educating the next generation of ophthalmologists.

This symposium will explain how insight into the pathobiology of diseases will help to improve patient care in diseases such as diabetes, ROP, myopia, and glaucoma. Professor Hugh Taylor will give the very special AOI Lecture: Global Blindness: Are We Making Progress?

11:00 - 12:30 **Venue: Kintamani 7 (BNDCC1-MF)**
Chair(s): Rina La **NORA**, Marie-jose **TASSIGNON**, Hiroko **TERASAKI**

11:00 Introduction on the Academia Ophthalmologica Internationalis (AOI)
Richard ABBOTT

11:05 Early Vitrectomy for Severe Proliferative Diabetic Retinopathy
Maria BERROCAL

11:17 Clinical-Histological Changes in Myopia
Jost JONAS

11:29 Clinico-Pathological Correlations in Retinal Vascular Diseases
Sobha SIVAPRASAD

11:41 New Insights in Retinopathy of Prematurity
Birgit LORENZ

11:53 Introduction on the AOI Lecturer
Richard ABBOTT

11:57 Global Blindness, Are We Making Progress?
Hugh TAYLOR

[IOA-INARVOS Joint Symposium] Panel Discussion

Clinical manifestation and management of various cases of refraction, contact lens and low vision will be discussed in this session. This session highlights

the management of pseudomyopia, how refractive surprise can happen after surgery, keratoconus management with contact lenses and low vision cases in daily practice.

14:30 - 16:00 **Venue: Uluwatu 2 (BNDCC1-GF)**
Chair(s): Susanti **SIRAIT**

14:30 Case Report 1: Pseudomyopia
Muhammad **IRFAN**

14:42 Case Report 2: Keratoconus
Joan **HUTABARAT**

14:54 Case Report 3: Refractive Surprise
Alie Solahuddin **SOLAHUDDIN**

15:06 Case Report 4: Low Vision
Ria Sandy **DENESKA**

15:18 Panel Discussion
Nanda **ANANDITA**, Ariesanti **HANDAYANI**,
Tri **RAHAYU**, Susanti **SIRAIT**

Translational Research in Imaging, Digital Ophthalmology, and Artificial Intelligence

AI innovation in Ophthalmology continues to advance, with notable trends including the development of OcularNET, a multimodal foundation model for screening common eye disorders. AI applications in glaucoma and retinopathy of prematurity are gaining prominence. Leveraging large language models (LLM) in ophthalmology enhances diagnostic accuracy and research capabilities. Transitioning from manual to digital workflows is crucial for the successful implementation of AI in diabetic retinopathy (DR) screening, highlighting the transformative potential of AI in this domain.

16:30 - 18:00 **Venue: Kintamani 5 (BNDCC1-MF)**
Chair(s): Hisar **DANIEL**, Suber **HUANG**, Bin **SHENG**

16:30 AI Innovation in Ophthalmology: The Emerging Trend
Daniel **TING**

16:38 LLM-Developed Database and Evaluation Framework for Ophthalmic LLM
Haotian **LIN**

16:46 EyeNET Bin SHENG
16:54 Using AI in Triaging Glaucoma Referrals in Hong Kong
Carol **CHEUNG**

17:02 AI in Retinopathy of Prematurity
Wei-chi **WU**

17:10 Large Language Model (LLM) in Ophthalmology
Yih-chung **THAM**

17:18 Risk Stratification for Diabetic Retinopathy Screening Order Using Deep Learning: A Multi-Centered Prospective Study
Paisan **RUAMVIBOONSUK**

17:26 Using AI for DR Screening: The Australia Experience
Mingguang **HE**

17:34 AI for DR Screening in Singapore: Real World Experience and Future Potential Applications
Gavin **TAN**

Visual Sciences

Global Collaboration in Eye Research and Participation in the Asia- Pacific Region

Global collaboration facilitates research and its applications. In eye research, collaborations involving multiple study cohorts, upfront technologies and data interpretations have led to valuable outputs. This symposium will discuss benefits and issues in global collaboration on eye research especially in the Asia- Pacific region and how it connects with the whole global eye research community with successful examples. Global collaboration of research in eye diseases should be strongly advocated for the benefits of patients worldwide and the advancement of science.

09:00 - 10:30 **Venue: Uluwatu 4 (BNDCC1-GF)**
Chair(s): Calvin **PANG**, John **PRAKASH**, Muhammad **SASONGKO**

09:00 NEI Strategic Plan and Global Collaboration of Eye Research
John **PRAKASH**

09:10 Need for Standardization of Methodology in Eye Research
Calvin **PANG**

09:20 Research Partnership in the Asia-Pacific Region: Experiences and Challenges From Building Research Consortia
Ching-yu **CHENG**

09:30 A Systemic Approach to Myopia Care: The Shanghai Model
Xiangui **HE**

09:40 Potentials and Challenges to Participate in Global Collaboration
Muhammad **SASONGKO**

09:50 Japan Ocular Imaging Registry: A National Ophthalmology Real-world Database for Search Innovation
Masahiro **MIYAKE**

10:00 Asia-Pacific and Global Collaboration on ROP Project
Wei-chi WU

Illuminating Perspectives: Unraveling the Mechanisms of Light Therapy Strategies in Ophthalmology

Light-based strategies are emerging as therapeutics for various eye conditions, but how much do we truly understand their mechanisms? Join our session where expert speakers in the field of light and eye health will illuminate the mechanisms of contemporary light therapy strategies in ophthalmology, with a specific focus on myopia—a leading global cause of visual impairment. Don't miss this session on what may be the most impactful non-pharmacologic strategies for the future of ophthalmic care.

14:30 - 16:00 **Venue: Uluwatu 4 (BNDCC1-GF)**
Chair(s): Regan ASHBY, Raymond NAJJAR

14:30 Mechanisms of Action, Effectiveness, and Safety of Light Therapy for Dry Eye Diseases
Rohit SHETTY

14:45 Low-level Red-light Therapy: The Possible Mechanism
Mingguang HE

15:00 Understanding the Biological Mechanisms by Which Light Exposure Can Modulate Eye Growth and Inhibit Myopia
Regan ASHBY

15:15 Mechanisms of Action and Efficacy of MyopiaX for Myopia Control
Hamed BAHMANI

15:30 ENLIGHT: A Consensus Checklist for Standardized Reporting of Light-Based Interventions in Humans
Raymond NAJJAR

15:45 Panel Discussion



AI, Digital Innovation and Virtual Health

Artificial Intelligence and Digital Innovation for Global Health

This transformative session explores a holistic approach to eye health worldwide. From addressing low-to- middle-income countries' educational needs

in AI applications to leveraging technology in myopia management, it delves into the economic impact of virtual health in China and the overarching role of digital technology in advancing global ophthalmology. An integrated vision for a digitally empowered and inclusive future in eye care emerges, fostering collaboration, accessibility, and innovation.

09:00 - 10:30 **Venue: Kintamani 6 (BNDCC1-MF)**
Chair(s): R.V. Paul CHAN, Rina La NORA, Jude STERN

09:00 AI and Digital Technology for Global Eye Health
Jude STERN

09:10 AI Application and Education in Low-to-Middle-Income Countries
R.V. Paul CHAN

09:20 AI in Myopia for Global Health
Marcus ANG

09:30 Health Economic for AI and Virtual Health in China
Hanruo LIU

09:40 Role of Digital Technology for Global Ophthalmology
Anna TAN

09:50 Artificial Intelligence to Reduce Ocular Health Disparities: Hope or Hype?
John CAMPBELL

10:00 Development and Implementation of AI in Low- to Middle- Income Countries: Lesson Learnt From Indonesia
Muhammad SASONGKO

Safe and Responsible AI in Ophthalmology

Artificial Intelligence in ophthalmology revolutionizes eye care by combining cutting-edge technology with ethical considerations. Ensuring patient safety, privacy, and transparent decision-making, this approach enhances diagnostic accuracy, treatment planning, and overall healthcare outcomes. This session will explore the crucial theme of striking a balance between innovation and ethical practices and how it paves the way for a future where AI contributes to improved vision health with integrity and accountability.

14:30 - 16:00 **Venue: Kintamani 6 (BNDCC1-MF)**
Chair(s): Yeni LESTARI, Srinivas SADDA, Daniel TING

14:30 AI for Ocular Imaging: Opportunities and Challenges
Srinivas SADDA

14:40 Federated Machine Learning for Ophthalmology
John CAMPBELL

14:50 Synthetic AI for OCT Imaging
Leopold SCHMETTERER

- 15:00 Blockchain Use for Clinical Trials
Haotian LIN
- 15:10 AI for Clinical Trials in Ophthalmology
Stela VUJOSEVIC
- 15:20 Data Privacy Concerns for Large Language Models in Ophthalmology
Ting Fang TAN

Academia, Research, Teaching and Education in Ophthalmology

The Best Evidence in Medical Education – A 5-Year Review

Best evidence medical education is the implementation, by teachers in practice, of methods and approaches to education based on the best evidence available. In this symposium, faculty will discuss best evidence recent publications on a variety of topics related to medical education, drawing their own expertise.

09:00 - 10:30 **Venue: Uluwatu 1 (BNDCC1-GF)**
Chair(s): Prashant GARG, Syntia NUSANTI, Ana PALIS

- 09:00 Introduction: What Is the Best Evidence in Medical Education
Ana PALIS
- 09:09 How Does Medical Education Affect Empathy and Compassion in Medical Students?
Karl GOLNIK
- 09:18 Learning From Patients About Patient-Centredness
Meenakshi M SWAMINATHAN
- 09:27 The Utility of Mini-Clinical Evaluation Exercise in Medical Education
Kavita BHATNAGAR
- 09:36 Teaching Methods for Developing Reflection in Medical Students
Eduardo MAYORGA
- 09:45 Teaching Strategies Used in the Clinical Setting on the Development of Clinical Skills
Chee-chew YIP
- 09:54 Self-Regulatory Learning Theory as a Lens on How Learners Respond to Feedback
Muhammad MOIN
- 10:03 Interventions for Medical Learners With Academic Difficulties
Grace SUN
- 10:12 Q&A

[APAO Research Workshop] Can I Use AI ChatBots to Write a Scientific Paper?

Can I use AI chatbots to write a scientific paper?" This is a question frequently asked by many authors, but the majority of journals do not yet have clear guidelines. This workshop brings together experts and journal editors to deliberate on this pivotal yet contentious matter. While AI chatbots enhance content generation, language refinement, and writing efficiency for researchers, the workshop highlights the limitations of AI tools and underscores ethical considerations in scientific writing. The workshop also covers the responsible use of AI in scientific writing and offers insights into leveraging technology for effective and ethically sound scientific communications.

14:30 - 16:00 **Venue: Kintamani 5 (BNDCC1-MF)**
Chair(s): Ching-yu CHENG, Jost JONAS, Muhammad SASONGKO

- 14:30 AI Tools and Scientific Writing: Introduction and Current Status
Ching-yu CHENG
- 14:35 Utilizing AI ChatBots in Academic Writing: Benefits and Caveats for Non-native English Speakers
Yih-chung THAM
- 14:46 Efficient, Safe, and Joyful Ophthalmic Paper Writing: Unleashing the Power of Generative AI
Wei-li CHEN
- 14:57 Plagiarism in Publishing – Benefits of Not Using AI Chatbots
S NATARAJAN
- 15:08 Detecting AI-Generated Content in Scientific Research With AI
Haoyu CHEN
- 15:19 Responsible Use of Large Language Models for Academic Writing
Neil BRESSLER
- 15:30 Large Language Models in Ophthalmology Scientific Writing: Ethical Considerations
Phanthipha WONGWAI
- 15:41 Q&A

Cataract

How to Improve Your Cataract Outcomes

The Session "How to Improve Your Cataract Outcomes" explores crucial topics for cataract surgeons. It will learn about retinal screening considerations, optimizing the ocular surface pre-surgery, and enhancing outcomes with Toric IOLs. It delves into selecting the best presbyopia options for patients and effective management of residual refractive errors. The session concludes with insights

into preventing endophthalmitis, providing a comprehensive overview of key aspects to enhance cataract surgery practices.

09:00 - 10:30 **Venue: Singaraja 2 (BNDCC1-1F)**
*Chair(s): George **BEIKO**, Andrzej **GRZYBOWSKI**, Setiyo **RIYANTO***

- 09:00 Screening the Retina- What a Cataract Surgeon Should Know
*Mun Wai **LEE***
- 09:12 Optimizing the Ocular Surface for Cataract Surgery
*Filomena **RIBEIRO***
- 09:24 Improving Your Toric IOL Outcomes
*Tun Kuan **YEO***
- 09:36 Selecting the Appropriate Presbyopia Option for Your Patient
*Mayank **NANAVATY***
- 09:48 Managing Residual Refractive Error
*George **BEIKO***
- 10:00 How Effectively Prevent Endophthalmitis?
*Andrzej **GRZYBOWSKI***

[IOA-INASCRS Joint Symposium] Complications in Cataract Surgery

How would we cope when something unexpected happens during our cataract surgery? In this symposium, the speakers will share their experience in the management of challenging cases in cataract surgery such as small pupil, shallow anterior chamber, and zonulopathy intra phacoemulsification surgery. All conditions should be managed with the right technique to bring excellent results.

11:00 - 12:30 **Venue: Uluwatu 7 (BNDCC1-GF)**
*Chair(s): Setiyo **RIYANTO***

- 11:00 Phaco in Small Pupil: As a Beginner; What You Should Know and What to Do?
*Ricky **ROOROH***
- 11:12 Mastering Phacoemulsification in Shallow Anterior Chamber
*Rinanto **PRABOWO***
- 11:24 Zonulopathy: From Recognizing to Handling for Safe Cataract Surgery
*Muhammad **EDRIAL***
- 11:36 Panel Discussion
*Johan A. **HUTAURUK**, Andrew **KNOCH**, Rio **RHENDY***

Pupil Reconstruction

The objective of this course is to give the attendees an overview of different strategies and medical devices that can be implemented to solve difficult cases of secondary repair of the anterior segment of the eye and more in particular damage to the iris. Artificial

iris, iris printed IOLs and iris suturing techniques proposed by different expert surgeons in the field of iris repair. In addition, capsular bag stabilization techniques using direct or indirect IOL scleral suturing techniques will help the surgeon to end the repair with optimal and long-lasting results.

14:30 - 16:00 **Venue: Singaraja 2 (BNDCC1-1F)**
*Chair(s): Muhammad **EDRIAL**, Haike **GUO**, Marie-jose **TASSIGNON***

- 14:30 Artificial Iris- When and How
*Soon-phaik **CHEE***
- 14:42 Customized Iris Defect Repair
*Marie-jose **TASSIGNON***
- 14:54 The Surgical Treatment of Injured Iris/Pupil
*Wen **XU***
- 15:06 Suture Technique for the Pupil Construction and IOL Salcus Fixation
*Haike **GUO***
- 15:18 Pupilloplasty for Small Pupil in Femtosecond Laser Cataract
*Hung Yuan **LIN***
- 15:30 Single Pass Four Throw Pupilloplasty and Iridodialysis Repair
*Mohan **RAJAN***

[APAO-ESCRS Joint Symposium] Biometry and IOL Calculation

The current IOL calculation formulas behave very well in eyes that present "Normal biometrics". Can we improve the outcome of IOL calculation by using AI or Ray Tracing to improve our outcomes in eyes with "Not Normal biometrics"? First, the outliers in biometrics should be defined. Then specific conditions will be discussed e.g. IOL calculation in the myopic eye and IOL calculation in the eye after Cornea Laser Surgery.

16:30 - 18:00 **Venue: Singaraja 2 (BNDCC1-1F)**
*Chair(s): Rio **RHENDY**, Filomena **RIBEIRO**, Marie-jose **TASSIGNON***

- 16:30 Defining the Outliers: The Long and the Short Eyes
*Marie-jose **TASSIGNON***
- 16:42 IOL Calculation in Myopic Eyes
*Rio **RHENDY***
- 16:54 Understanding IOL Calculation and Biometry
*Tun Kuan **YEO***
- 17:06 IOL Calculation After Cornea Laser Refractive Surgery
*Robert **ANG***
- 17:18 Does AI Improve IOL Calculation?
*Burkhard **DICK***

17:30 Ray Tracing for IOL Power Calculation
Filomena RIBEIRO

Cornea, Dry Eyes, External Eye Diseases and Eye Banking

[IOA-INOIS Joint Symposium] Infection and Inflammation on the Cornea and External Part of the Eye

This session was designed with daily practice relevant topics, such as lid margin disease, dry eye, corneal opacity, limbal stem deficiency, work-related corneal ulcer and filamentary keratitis, conditions that are seen regularly by a general ophthalmologist. The topics will be presented with clinical information and updated management that can be immediately incorporated into practice.

09:00 - 10:30 **Venue: Mengwi 1,2 (BNDCC2-GF)**
Chair(s): Fatma ASYARI, Marina ALBAR, Anang TRIBOWO

09:00 Lid Margin Disease and Management
Ida Ayu Ary PRAMITA

09:12 Update on Dry Eye Management in Indonesia
Rosy ALDINA

09:24 Cornea Opacity With Recurrent Redness in Young Patient
Lukman EDWAR

09:36 Limbal Stem Cell Deficiency: How to Recognize and Treatment
Yulia AZIZA

09:48 Work-Related Corneal Ulcer: Way to Manage Comprehensively
Cut SAMIRA

10:00 Holistic Approach of Filamentary Keratitis
Hasnah EKA

Infections You Don't Want to Miss!

Not all red eyes are due to infections. And for those that are due to infections, there are various types of them: conjunctivitis, endophthalmitis, keratitis, etc. While most minor ocular infections will heal on their own, others can be more alarming and lead to permanent vision loss. To ensure an excellent visual outcome for the patient, prompt diagnosis and appropriate are crucial. Rest assured, because the APO experts are delighted to share about infections they encounter on a daily basis, without missing any behind!

11:00 - 12:30 **Venue: Pecatu Hall 1, 2 (BNDCC2-GF)**
Chair(s): Anshu ARUNDHATI, Namrata SHARMA, Made SUSIYANTI

11:00 Tackling Challenging Infections
Prashant GARG

11:10 Management Algorithm of Fungal Keratitis
Namrata SHARMA

11:20 AI in Infectious K
Venkatesh PRAJNA

11:30 What New in AK TX
Rajesh SINHA

11:40 Microsporidia Savitri SHARMA
11:50 Atypical Keratitis
Hon Shing ONG

12:00 Pythium Keratitis/ Scleritis Keratitis
Bhaskar SRINIVASAN

[AOI Symposium] Improving Care of the Anterior Segment

The Academia Ophthalmologica Internationalis connects ophthalmologists who are leaders in their fields of clinical care and science, and who are heavily involved in educating the next generation of ophthalmologists. This symposium will discuss updates in ocular surface and corneal diseases, which will help with treating the most difficult cases.

14:30 - 16:00 **Venue: Pecatu Hall 1, 2 (BNDCC2-GF)**
Chair(s): Richard ABBOTT, Martine JAGER, Syska WIDYAWATI

14:30 Introduction on the Academia Ophthalmologica Internationalis (AOI)
Richard ABBOTT

14:35 How to Handle Eyelid Tumors?
Xianqun FAN

14:45 Pathogenesis and Treatment of Superior Limbic Keratoconjunctivitis
Fung-rong HU

14:55 Diagnosis and Treatment of Meibomitis-Related Keratoconjunctivitis
Shigeru KINOSHITA

15:05 Corneal Epithelial Healing: Relevance to Surgical Regeneration
Harminder DUA

15:15 New Approaches for the Treatment of Corneal Blindness
Jorge ALIO

15:25 Value-Based Health Care (VBHC) in Ophthalmology – CAT-PT (an Innovative Project)
Joaquim MURTA

15:35 Dealing With Fungal Keratitis
Prashant GARG

Kpro Study Group

The Kpro Study Group was initiated in 1990, aimed to promote clinical research and enrich the knowledge surrounding keratoprosthesis, synthetic

corneas, and artificial corneal implants. The APAO ophthalmologists from various regions across the Asia-Pacific and the United Kingdom have united to present advances in keratoprosthesis for the benefit of eyecare, worldwide! Listen as experts exchange their experiences, new techniques, as well as results of research for end-stage corneal diseases that are otherwise deemed to be blindness.

16:30 - 18:00 **Venue: Mengwi 6,7,8 (BNDCC2-GF)**
Chair(s): Geetha IYER, Jodhbir MEHTA, Jessica ZARWAN

- 16:30 Choice of Kpro
Shweta AGARWAL
- 16:42 Complications and Management of Kpro Type 1
Rajesh FOGLA
- 16:54 OOKP – How to Do It and Manage Complications
Christopher LIU
- 17:06 Boston Type 2 – How to do it and Manage Complication
Bhaskar SRINIVASAN
- 17:18 MCIOF
Liqiang WANG

Glaucoma

Glaucoma in the Next 10 Years

Focusing on the future of glaucoma management, this session presents a series of forward-thinking topics. Discussions will range from exploring “Future Directions in Optic Nerve Protection and Repair” to examining the intricate relationship between “High Myopia and Glaucoma.” It also highlights the transition towards “Minimally Invasive Surgeries” in glaucoma care and addresses the challenges and potential solutions for “AI Implementation in Glaucoma Care.” This session is designed to offer a holistic view of the upcoming advancements and challenges in the field of glaucoma, providing attendees with insight into the latest research and treatment strategies.

09:00 - 10:30 **Venue: Pecatu Hall 3, 5 (BNDCC2-GF)**
Chair(s): Andika GANDASUBRATA, Ying HAN, Ningli WANG

- 09:00 Future Directions in Optic Nerve Protection and Repair
Keith MARTIN
- 09:08 Evaluating the Intersection of High Myopia and Glaucoma: Unraveling the Mystery of Glaucoma-Like Visual Field Damage
Ki Ho PARK

- 09:16 Minimally Invasive Surgery vs Traditional Surgeries in Glaucoma Care: Is the Shift Happening Now?
Xiulan ZHANG
- 09:24 Glaucoma Screening: Current Status and Future Prospective
Ching-yu CHENG
- 09:32 Revolutionizing Glaucoma Management With Large Language Models
Fei LI
- 09:40 Personalized Medicine in Glaucoma Management: A Current Overview and Future Directions
Tin AUNG
- 09:48 The Evolution of Glaucoma Imaging: Anticipating Future Trends and Developments
Christopher LEUNG
- 09:56 The Future of Glaucoma Management Including Alternative Therapies
Shan LIN

AI and Big Data in Glaucoma

Artificial intelligence (AI) is a recent technology that has made a significant impact on our daily lives. AI can play a major role in ophthalmology, including for glaucoma diagnosis and management, and is the subject of much research. This symposium will provide an overview of some of the latest research in the use of AI for glaucoma today.

11:00 - 12:30 **Venue: Pecatu Hall 3, 5 (BNDCC2-GF)**
Chair(s): Aulia ABDULLAH, Robert CHANG, Ching-yu CHENG

- 11:00 Application of AI in VF Progression in Glaucoma
Ryo ASAOKA
- 11:08 Multimodal AI for Prediction of Glaucoma
Linda M. ZANGWILL
- 11:16 Challenges and Opportunities in Glaucoma AI
Robert CHANG
- 11:24 Generating Visual Field Based on 3D OCT Scans
Diping SONG
- 11:32 AI Evaluation of Macular RNFL in Myopic Eyes
Ji-ah KIM
- 11:40 Describing the Structural Phenotype of the Glaucomatous Optic Nerve Head Using Artificial Intelligence
Michael GIRARD

11:48 Training Glaucoma AI With Synthetic Data
Leopold SCHMETTERER

Basic Science in Glaucoma

A better understanding of the mechanisms that cause retinal ganglion cell loss in glaucoma is essential to developing new treatments. In this session, we will explore how fundamental mitochondrial research has led to new candidate therapies for glaucoma that are currently in multiple clinical trials around the world. In addition, potential new glaucoma treatments using gene therapy will be considered. We will also discuss additional risk factors for glaucoma related to the trabecular meshwork biology and episcleral venous circulation.

14:30 - 16:00 **Venue: Pecatu Hall 3, 5 (BNDCC2-GF)**
Chair(s): Keith MARTIN, Masitha SARI, Pete WILLIAMS

14:30 Vitamin B3 – A Potential Neuroprotectant
Jonathan CROWSTON

14:40 Non-viral Gene Therapy in Glaucoma
Cynthia YU-WAI-MAN

14:50 RGC-Specific Gene Therapy for Glaucoma
Yang HU

15:00 Mitochondrial and Metabolic Dysfunction in Glaucoma
Pete WILLIAMS

15:10 Steroid-Induced Ocular Hypertension: What Happens in the Trabecular Meshwork and Schlemm's Canal?
Fifin Luthfia RAHMI

15:20 Elevated Retinal Venous Pressure: A Risk Factor for Glaucoma Progression
Lutz PILLUNAT

[APGS-AACGC Joint Symposium] Angle Closure Glaucoma

Primary Angle Closure Disease (PACD) is a major public health problem in Asia and an important cause of irreversible blindness. This symposium offers the attendee an update about the current diagnostic modalities and treatment strategies for PACD, including the utility of ASOCT imaging, indicating iridotomy, laser procedures including ALPI and endoscopic cytophotocoagulation role MIGS techniques in angle closure, and the importance of lens-based surgeries. An algorithm for the management of angle-closure glaucoma will be presented.

16:30 - 18:00 **Venue: Pecatu Hall 3, 5 (BNDCC2-GF)**
Chair(s): Seng Kheong FANG, Ikke SUMANTRI, Joseph Anthony TUMBOCON

16:30 Primary Angle Closure Suspects: Who Needs Treatment?
Joseph Anthony TUMBOCON

16:38 Role of Imaging and AI in Angle Closure
Benjamin XU

16:46 Phaco Alone or Phaco Trabeculectomy
Tan DO

16:54 Emerging Role of MIGS in PACG
Syiril DORAIRAJ

17:02 MIGS in ACG With and Without Cataract
Guihua XU

17:10 An Overview of Managing PACD
Clement C THAM

17:18 Replacing Phaco Trab With Phaco Stent
Prin ROJANAPONGPUN

17:26 Public Health Initiatives to Prevent Blindness From PACG
Vijaya LINGAM

Intraocular Inflammation, Uveitis and Scleritis

Drug Delivery and Emerging Therapies in Management of Uveitis and Scleritis

There has been a significant advance and expansion in the therapeutic options for the management of uveitis and scleritis recently. This session aims to provide an overview of both existing and emerging therapies. The emerging treatments discussed will encompass new corticosteroid therapies, biological agents targeting novel cytokines, and small molecular inhibitors. As the eye is perhaps the most attractive site for local drug delivery, local treatments for ocular toxoplasmosis and tuberculosis will also be discussed.

11:00 - 12:30 **Venue: Kintamani 1 (BNDCC1-MF)**
Chair(s): Kalpana MURTHY, Shwu-jiuan SHEU, Ovi SOFIA

11:00 Current Consensus for Immunomodulatory and Biologic Therapy in Non-infectious Uveitis and Scleritis
Shwu-jiuan SHEU

11:15 Emerging Biologics in the Treatment of Non-infectious Uveitis and Scleritis: Macrophage Migration Inhibitory Factor, Janus Kinase (JAK) Inhibitors, Biosimilar
De-kuang HWANG

11:30 Current Local Drug Delivery in the Treatment of Non-infectious Uveitis and Scleritis
Mudit TYAGI

11:45 Emerging Local Drug Delivery in Treatment of Non-infectious Uveitis and Scleritis Including Repository Corticotropin, Suprachoroidal CLS-TA (Xipere™)
Brian TOY

- 12:00 Treatment of Ocular Toxoplasmosis With Local Versus Systemic
Kalpana MURTHY
- 12:15 Treatment of Tubercular Uveitis With Local Versus Systemic
Soumyava BASU
- [IOA-INOIIS Joint Symposium] Recalling and Immersing Uveitis Entities**
This symposium aims to invite the audience to recall all about infectious and non-infectious uveitis such as HLA B-27 Uveitis, VKH, Behcet Disease, dilemma about sarcoidosis and tuberculosis, ocular infection in HIV and scleritis. All, including the current management, guidelines, and the new therapeutic approach.
- 16:30 - 18:00 **Venue: Kintamani 5 (BNDCC1-MF)**
Chair(s): Soedarman SJAMSOE, Getry SUKMAWATI, Rina WULANDARI
- 16:30 Infectious Anterior Uveitis: The Viral Families
Rien WIDYASARI
- 16:42 Non-infectious Anterior Uveitis: HLA B-27 Uveitis: Remembering and Updating the Entity
Petty PURWANITA
- 16:54 Guideline in Non-infectious Uveitis: VKH and Behcet Diseases
Reni ANGRAINI
- 17:06 Sarcoidosis and Tuberculosis: A Diagnosis Dilemma
Kalpana MURTHY
- 17:18 Ocular Infection in Human Immunodeficiency Virus (HIV) Patient: How We Treat It?
I Gusti Ayu JULIARI
- 17:30 Comprehensive Scleritis Management
Reny SETYOWATI
- 09:08 Incorporating Minimally Invasive Glaucoma Surgery (MIGS) Training on Human Eyes in Wet Lab During Residency – The Way to Go!
Dewang ANGMO
- 09:16 Community Eye Screening Program with Rapid Eye Screening Test (REST) – Project “Gift of Sight”
Jan Bond CHAN
- 09:24 Screening for Diabetic Retinopathy Using Fundus Photography in Sri Lanka
Aruna FERNANDO
- 09:32 A New Model of Care for Dry Eye and Ocular Surface Diseases
Hon Shing ONG
- 09:40 To Promote the Understanding of Glaucoma as a Familial Disease
Wing Lau HO
- 09:48 Screening of Convergence Insufficiency and Stereopsis in a Tertiary Eye Hospital
Mohammad MOSTAFA HOSSAIN
- 09:56 Impact of Visual Function on Quality of Life in the Elderly in Kyoto Longevity Cohort Study
Koji KITAZAWA
- 10:04 Establishment of Nepal Thyroid Eye Disease Registry
Diwa HAMAL
- 10:12 Association of Clinical Course With Thyroid-Stimulating Immunoglobulin and CTLA-4 Gene Polymorphism in Graves’ Ophthalmopathy in Mongolians
Oyungerel BAYARMUNKH

APAO Leadership Development Program (LDP) 2023-24 Graduating Class 2

Class 2023-24 participants will present their self-initiated LDP projects. The objective of the project is to enhance the ophthalmology profession, eye services and society at-large.

11:00 - 12:30 **Venue: Uluwatu 6 (BNDCC1-GF)**
Chair(s): Vivek DAVE, Shaheeda MOHAMED, Muhammad MOIN

- 11:00 Glaucoma Screening and Its Protocol Development for Young Age Group of Bangladesh
Shams NOMAN
- 11:08 Creation and Propagation of Young Ophthalmologist Program in Pakistan
Abdul HANNAN
- 11:16 Building a Comprehensive and Collaborative Young Ophthalmologists Network in Thailand
Nitee RATPRASATPORN

Miscellaneous

APAO Leadership Development Program (LDP) 2023-24 Graduating Class 1

Class 2023-24 participants will present their self-initiated LDP projects. The objective of the project is to enhance the ophthalmology profession, eye services and society at-large.

09:00 - 10:30 **Venue: Uluwatu 6 (BNDCC1-GF)**
Chair(s): Meenu CHAUDHARY, Madhuwanthi DISSANAYAKE, Sherman VALERO

- 09:00 To Develop a National Eye Care Plan for Samoa
Lucilla AH CHING-SEFO

- 11:24 Younger Fellows inclusion in Committees of the National Ophthalmic College
Bernardo SOARES
- 11:32 Establishing Indonesia Ophthalmic Trauma Society
Made Indra WIDYANATHA
- 11:40 Bill of Rights for Ophthalmology Residents and Fellows in the Philippines
Charisse Ann TANLAPCO
- 11:48 Clinical Practice Guidelines for Uveitis in Myanmar
May WIN
- 11:56 The Impact of the Laissez Faire Technique on the Quality of Life of Patients After Orbital Exenteration
Mary Rose YAN
- 12:04 Improving the Quality of Patient Care Through Enhancement of Knowledge of Ophthalmologists and Patients in Indonesia
Rina La NORA
- 12:12 Farra Eye Model: Reshaping Ophthalmology Training with Artificial Eye Simulation
Faraby MARTHA

Myopia

[IMI Symposium] Myopia Management Masterclass: Practical Solutions

This session equips clinicians with tools for navigating the dynamic field of myopia, covering practical management options such as low-dose atropine, myopia control spectacles, contact lenses, and red-light therapy. Emphasizing prevention and appropriate management to avert high myopia, it explores new evidence on pre-myopia. The International Myopia Institute (IMI) addresses the need for consensus and clinical guidance by presenting the latest findings from world-renowned experts, drawing from their highly cited white papers that serve as crucial resources in the ever-expanding realm of myopia research.

09:00 - 10:30 **Venue: Kintamani 2 (BNDCC1-MF)**
Chair(s): Serge RESNIKOFF, Hugh TAYLOR, Susanti SIRAIT

- 09:00 Premyopia: What Is the Evidence?
Xiangui HE
- 09:12 Structural Consequence of High Myopia
Jost JONAS
- 09:24 Overview of Myopia Prevention and Control
Ian MORGAN
- 09:36 How Low Is Low-Dose Atropine for Myopia Control?
Jason YAM

- 09:48 Contact Lenses and Spectacles in Myopia Correction and Control: An Update
Pauline CHO
- 10:00 Red Light Therapy for Myopia: It Might Be Effective but Is It Safe?
Mingguang HE
- 10:12 The International Myopia Institute White Papers
Nina TAHHAN

Neuro-Ophthalmology

[NANOS Symposium] Paradigm Shifts in Neuro-Ophthalmology

Medical, surgical, and technological advances have led to shifts in clinical practice that impact our care of neuro-ophthalmic patients. For example, the use of targeted systemic therapies has improved patient outcomes in immune-mediated disorders, while immune activation for cancer treatment may conversely cause new neuro-ophthalmic symptoms. In this symposium, the North American Neuro-Ophthalmology Society joins APAO in presenting speakers from around the world to engage you in a discussion of how these advances will shape our care of patients in the years to come.

09:00 - 10:30 **Venue: Kintamani 7 (BNDCC1-MF)**
Chair(s): Clare FRASER, Prem SUBRAMANIAN, Anak Agung Mas TRININGRAT

- 09:00 Practical Tips on the Use of Immunosuppressants for Neuro-Ophthalmology
Carmen CHAN
- 09:12 Management of Optic Neuritis Esp MOG
Ambika SELVAKUMAR
- 09:24 AI in Neuro-Ophthalmology: What Is Its Role?
Prem SUBRAMANIAN
- 09:36 Inherited Optic Neuropathies- Evidence for Treatment and the Future
An-guor WANG
- 09:48 Neuro-Ophthalmologic Side Effects of the New Cancer Treatments
Noel CHAN

[IOA-INANOS Joint Symposium] Optic Nerve Dilemma in Daily Practice

The optic nerve problem is often faced with a dilemma regarding how to investigate, differentiate, and treat patients presenting with vision loss from optic neuropathy and/or a swollen optic disc. This symposium will be the answer to the dilemma faced in cases of optic nerve disorders in daily practice.

14:30 - 16:00 **Venue: Kintamani 3 (BNDCC1-MF)**
Chair(s): *Dialika, Indra MAHAYANA, M.Nurdin ZUHNI*

14:30 Differentiating Typical From Atypical Optic Neuritis: When Should We Explore More
Bambang SETIOHADJI

14:42 The Silent Threat: Toxic Optic Neuropathies
Devi Azri WAHYUNI

14:54 Risk Factors Assessment in Ischemic Optic Neuropathy
Muhammad HIDAYAT

15:06 Early Detection of Optic Nerve Compression: Clinical Clues
Bobby SITEPU

15:18 All About Congenital Optic Nerve Anomalies
Batari Todja UMAR

15:30 Glaucoma vs Neuro-Ophthalmology
Optic Nerve Damage: Tips and Tricks in Differentiating the Two Problems
Lukisiari AGUSTINI

[ASNOS Symposium] Neuro-Ophthalmology in Asia

The session is organized for each member country to bring their own issues in their clinical practice and/or clinical research. It will address ways to resolve the issues by the exchange of experiences and know-how among participants. Some may summarize their regional characteristics in clinical phenotypes that would contrast other parts of Asia. The session also provides a platform to show cutting edge studies to the rest of Asian countries and presents a good opportunity for the organization of future collaborative projects.

Notably, the session will be concluded by the keynote lecturer, Dr Mohamad SIDIK, Honorary ASNOS Councilor.

16:30 - 18:00 **Venue: Kintamani 7 (BNDCC1-MF)**
Chair(s): *Carmen CHAN, Satoshi KASHII, Syntia NUSANTI*

16:30 Indian Neuro Ophthalmology: Triumphs and Tribulation
Rashmin GANDHI

16:40 Sleep Apnea: When to Suspect and Does It Help?
Ming-hui SUN

16:50 Neuro-Ophthalmology in Thailand
Wanicha CHUENKONGKAEW

17:00 Neuroretinitis - The Malaysia Spectrum
Wan Hazabbah WAN HITAM

17:10 Neuro-Ophthalmic Masquerades in Singapore
Hazel LIN

17:20 Neuro-Ophthalmology in South Korea
Hee-kyung YANG

17:30 Neuro-Ophthalmology in China
Quangang XU

17:40 [Keynote Speech] Optic Neuropathy Unmasked: The Autoimmune Connection
Mohamad SIDIK

Ocular Imaging

[APOIS Symposium] Visualizing the Invisible: The Power of Ocular Imaging in Diagnosis and Treatment

This symposium focuses on the transformative role of ocular imaging in advancing the field of ophthalmology.

11:00 - 12:30 **Venue: Kintamani 6 (BNDCC1-MF)**
Chair(s): *Ichsan ANDI, Carol CHEUNG, Vishali GUPTA*

11:00 Imaging for Uveitic Glaucoma
Chun ZHANG

11:10 Ultrawide Field Retinal Imaging in Uveitis and Medical Retina
Vishali GUPTA

11:20 OCTA and Its Application in Retinal Diseases
Wei Kiong NGO

11:30 New Frontiers and Applications for Intraoperative OCT in Glaucoma Surgery
Bryan ANG

11:40 Imaging Aqueous Outflow Pathway
Chungkwon YOO

11:50 Present Day Role of Invasive Angiography in Retinal Diseases
Gopal LINGAM

12:00 OCT-Angiography With Artificial Intelligence in Diabetic Retinal Disease: Where Are We Now?
Gabriel YANG

12:10 A Foundation Model for Detecting Lupus Retinopathy
Bin SHENG

Ocular Oncology and Pathology

Uveal Melanoma

Uveal melanoma is a potentially deadly disease. Early diagnosis and treatment may well be able to prevent systemic metastases. This symposium provides insights into new imaging and treatments for the primary tumor and metastases from experts worldwide.

11:00 - 12:30 **Venue: Kintamani 3 (BNDCC1-MF)**
Chair(s): Santosh HONAVAR, Hibba QUHILL, Purjanto UTOMO

11:00 The Living Library for Uveal Melanoma: A Novel Platform to Support Personalized Therapeutics
Lauren DALVIN

11:08 Does Pigmentation Affect Treatment With Bel-Sar?
Martine JAGER

11:16 Controversies in Small Uveal Melanoma
Hibba QUHILL

11:24 Outcomes of Minimally Invasive Biopsy of Iris Tumors and Secondary Iris Repair
Charles MCGHEE

11:32 The Value of Magnetic Resonance Imaging in Assessment of Iris Melanoma and Other Anterior Segment Tumors
Joevy LIM

11:40 MRI Imaging for Ocular Tumors
Teresa FERREIRA

11:48 Idiopathic Orbital Inflammation (IOI) Challenge in Diagnosis in Developing Country
Delfitri LUTFI

11:56 Small Daily Radiation Treatments at Decreased Doses for Uveal Melanoma
Claire PHILIPS

Ocular Trauma

[APOTS Ophthalmic Trauma Program] Eye of the Storm: Ophthalmic Trauma Challenge

“Eye of the Storm” is an engaging and interactive component of the APOTS Ophthalmic Trauma Program. This segment simulates real-life scenarios where participants face challenging ophthalmic trauma cases. By immersing healthcare professionals in these scenarios, the program aims to sharpen their decision-making skills, foster teamwork, and enhance their ability to handle complex eye injuries. Participants will navigate through the metaphorical storm of ophthalmic trauma, gaining practical experience and confidence in managing critical situations.

09:00 - 10:30 **Venue: Kintamani 1 (BNDCC1-MF)**
Chair(s): Kendrick SHIH, Gangadhara SUNDAR, Made Indra WIDYANATHA

09:00 Challenging Corneal Wounds: Managing Irregular Astigmatism Post-repair
Stephanie WATSON

09:10 Complex Orbital and Adnexal Injury: A Multidisciplinary Approach
Farzad PAKDEL

09:20 Severe Globe Injury: Addressing the Consequences of Domestic Violence
Mohan RAJAN

09:30 Pediatric Vitreoretinal Injury: Diagnosis and Management Challenges
Hua YAN

09:40 Ocular Adnexal Injury From Animals: An Uncommon Encounter
Rajendra MAURYA

09:50 Corneal Injury Case: Diagnosis and Treatment Dilemmas
Yun FENG

10:00 Intraocular Foreign Body: Navigating a Challenging Case
Vivek DAVE

10:10 Complex Vitreoretinal Injury: Complexities in Diagnosis and Intervention
Referano AGUSTIAWAN

10:20 Q&A

[APOTS Ophthalmic Trauma Program] Mastering Ophthalmic Trauma: A 90-Minute Masterclass

The “Mastering Ophthalmic Trauma” masterclass is designed for professionals seeking a concentrated and in-depth learning experience. In a concise 90-minute session, participants will delve into advanced topics related to ophthalmic trauma management. The masterclass covers cutting-edge techniques, the latest advancements in treatments, and case studies that highlight successful strategies in complex scenarios. This intensive session aims to elevate participants’ expertise in ophthalmic trauma, allowing them to apply nuanced and effective approaches in their clinical practice.

16:30 - 18:00 **Venue: Kintamani 1 (BNDCC1-MF)**
Chair(s): S NATARAJAN, Anak Agung Mas TRININGRAT, Fasika WORETA

16:30 Video-Assisted Primary Globe Repair Techniques
Shakeen SINGH

16:40 Surgical Management of Choroidal Injuries: A Step-by-Step Guide
Yuntao HU

16:50 Video-Assisted Lid Repair: Techniques and Strategies in Management of Domestic Violences
Erin SHRIVER

17:00 Retinal Trauma Management: Insights From ‘Man vs Wild’
Sangeet MITTAL

- 17:10 Decision-Making in Globe Salvage: A Video-Assisted Approach
Amer AWAN
- 17:20 Iris Injuries: Surgical Pearls and Techniques
Sushank BHALERAO
- 17:30 Video-Guided Management of Traumatic Endophthalmitis
Jing LUO
- 17:40 Complex Case Management: A Video-Assisted Surgical Challenge
Chitaranjan MISHRA
- 17:50 Secondary Four Point IOL Fixation in Trauma Cases With Goretex Sutures
Rodrigo Antonio Brant FERNANDES

Ophthalmic Epidemiology and Prevention of Blindness

“Executive Summary”: Everything You Need to Know about Novel Approaches to Global Eye Health and Epidemiology in Hong Kong, Taipei, and Mainland China

A deep dive into the landscape of eye disease epidemiology and state-of-the-art eye health strategies in Hong Kong, Taipei, and Mainland China. Eight experts will present key challenges and share cutting-edge ideas and transformative solutions for combating prevalent eye diseases, including myopia, glaucoma, and diabetic retinopathy. Engage with ground-breaking research including vision screen and smartphone self-screen, and models poised to reshape global eye health. A session not to be missed.

11:00 - 12:30 **Venue: Uluwatu 1 (BNDCC1-GF)**
Chair(s): Xiaotong HAN, Hera Dwi NOVITA, Pei-chang WU

- 11:00 Combined Population-Based Screening for Multiple Eye Diseases in China
Ningli WANG
- 11:08 Smartphone-Based Self-screening for Ophthalmic Diseases
Xiaohang WU
- 11:16 China Glaucoma Treatment Pattern Study
Yuanbo LIANG
- 11:24 The Shanghai Experience in Myopia Control
Xiangui HE
- 11:32 Large Myopia Cohort Study
Jason YAM
- 11:40 Myopia Development Among Young Schoolchildren: The Myopia Investigation Study in Taipei
Chih-chien HSU

- 11:48 The Strategy of Myopia Intervention Affect the Prevalence of Reduced Visual Acuity in Taipei Schoolchildren
Pei-chang WU
- 11:56 Myopia Attitudes and Practice Survey in Malaysian Ophthalmologists Compared to East Asian Ophthalmologists
Miswan Muiz MAHYUDIN

Improving Access and Promoting Equity in Eye Health in Australia, New Zealand, and Pacific Islands: Use of New Tools and Approaches

Ensuring access to eye health services and achieving equitable eye health outcomes are major challenges in our region. In this session, we will provide a snapshot of the key access and equity issues in our sub-region, with a particular focus on Indigenous and remote communities and the promise of strengthening health systems. We will share our reflections on tools and approaches that we have recently implemented, and discuss new approaches we are developing to improve access and promote equity.

14:30 - 16:00 **Venue: Uluwatu 1 (BNDCC1-GF)**
Chair(s): Jacqueline RAMKE, Nina RATNANINGSIH, John SZETU

- 14:30 Introduction: An Overview of Epidemiology and Global Eye Health in Australia, Aotearoa New Zealand and Pacific Islands
Jacqueline RAMKE
- 14:40 Using the WHO Guide for Action Tools to Improve Eye Health: Lessons From Aotearoa New Zealand and Solomon Islands
Pushkar SILWAL
- 14:52 State of Eye Health in the Pacific: A Regional Approach to Strengthening Eye Health Services
John SZETU
- 15:04 Improving Access to DR and Cataract Services in Solomon Islands
Carole POLOSO
- 15:16 Karu Ora – Applying an Indigenous Lens to Eye Health to Enhance Equitable Outcomes
Renata WATENE
- 15:28 Allyship and Accountability – Beyond Tokenistic Measures
Jaki ADAMS
- 15:40 Panel Discussion

“Executive Summary”: Everything You Need to Know about Novel Approaches to Global Eye Health and Epidemiology in Japan, Mongolia, South Korea, and the Philippines

Recently, the burden of ocular diseases in East Asia has escalated significantly. The incidence of myopia has risen to the point where it has been branded an “epidemic,” and the increasing prevalence of

eye conditions associated with aging has surfaced as a critical public health matter. The symposium will feature creative answers and evidence-based initiatives of researchers from Japan, South Korea, Mongolia, and the Philippines. These sessions will provide valuable insight into recent advancements in innovative eye health programs.

16:30 - 18:00 **Venue: Uluwatu 1 (BNDCC1-GF)**
Chair(s): Ahmad **AMALIUS**, Chimgee **CHULUUNKHUU**, Sangchul **YOON**

- 16:30 The Burden of Eye Diseases in Japan
*Koichi **ONO***
- 16:40 Global Eye Health Issues Impacting the Sub-region: From Mongolia to Philippines
*Drew **KEYS***
- 16:50 Socioeconomic Cost of Age-Related Macular Degeneration in South Korea: Growing Concerns on Productivity Loss in the Era of Aging Society
*Dong Hyun **JEE***
- 17:00 Empowering Healthcare in Resource-Constrained Regions: A Machine Learning Approach for Diagnosing Cataracts and Keratitis
*Dong Hui **LIM***
- 17:10 Myopia Epidemic in South Korea: Insights From the WHO MyopiaEd Program
*Yeonsu **LEE***
- 17:20 Measuring the Burden of Eye Disease With Innovative Medical Devices: From Japan to LMICs
*Shintaro **NAKAYAMA***
- 17:30 AI-Powered Opportunities for Mass DR Screening in Mongolia
*Bayasgalan **PUREVDORJ***
- 17:40 Analysis of a Child Eye Health Program Dataset to Understand the Applicability of Self-refraction Among Children in Mongolia
*Chimgee **CHULUUNKHUU***
- 17:50 Community Approaches for Reducing Eye Disease Burden in the Philippines
*Roseny Mae **SINGSON***

Orbital and Oculoplastic Surgery

[IOA-INASOPRS Joint Symposium]
Reconstruction (Orbit, Eyelid and Lacrimal Problems)

Clinical manifestation and management of various cases of oculoplasty will be discussed in this session. This session highlights the management of eyelid retraction, involutional entropion in daily practice and also the reconstruction of difficult cases like blow out

fracture, contracted socket, Graves' ophthalmopathy and post excision of eyelid tumors.

09:00 - 10:30 **Venue: Kintamani 3 (BNDCC1-MF)**
Chair(s): Raoul Paolo **HENSON**, Dyah **SARIKA**

- 09:00 Lower Eyelid Retractors: Anatomy and Clinical Applications
*Hirohiko **KAKIZAKI***
- 09:08 Kunt Szymanowski Procedure for Involutional Ectropion
*Niluh **WARDHANI***
- 09:16 Difficulties in Contracted Socket. How to Deal?
*Sri **INAKAWATI***
- 09:24 Delayed Blowout Fracture Reconstruction
*Hendriati **JEFRIANTO***
- 09:32 Fat Removal Orbita Decompression for Grave Ophthalmopathy With Significant Muscle Enlargement
*Zendy **SAGITA***
- 09:40 Incision and Drainage in Lacrimal Sac Abscess
*Hisar **DANIEL***
- 09:48 Endoscopes in Lacrimal Surgery
*Raoul Paolo **HENSON***
- 09:56 Surgical Reconstruction of the Eyelid After Wide Excision of Sebaceous Cell Carcinoma
*Dyah **SARIKA***
- 10:04 Reconstruction of Congenital Kissing Nevi
*Rodiah **LUBIS***

Updates in the Management of Eyelid Disorders

This symposium updates recent advances in the anatomy, clinical behavior, and management of various eyelid disorders. Topics cover newer anatomic discoveries, current approaches to eyelid malpositions including frontalis flaps and minimally invasive techniques for ptosis, esthetic eyelid concerns, and the behavior and management of high-risk and complex eyelid malignancies.

14:30 - 16:00 **Venue: Kintamani 1 (BNDCC1-MF)**
Chair(s): Peter **DOLMAN**, Hendriati **JEFRIANTO**, Timothy **SULLIVAN**

- 14:30 Updates in Eyelid Anatomy
*Hirohiko **KAKIZAKI***
- 14:40 Updates in Managing Lid Malpositions
*Ni Made **UTARI***
- 14:50 Minimally Invasive Eyelid Lift
*Alice Siew Ching **GOH***

- 15:00 Updates in Frontalis Flaps for Congenital Ptosis and Eyebrow Surgery
Cat BURKAT, MD FACS
- 15:10 Updates in Floppy Eyelid Syndrome: More Than Meets the Eye
Chee-chew YIP
- 15:20 Aesthetic Concerns in TED
Milind NAIK
- 15:30 Updates in High Risk Squamous Cell Carcinoma
Dinesh SELVA
- 15:40 Updates in Complex Eyelid Tumor
Gangadhara SUNDAR

Pediatric Ophthalmology and Strabismus

Pediatric Non-strabismus Conditions You Should Not Miss

This session utilizes the expertise of a diverse range of speakers to highlight pediatric ophthalmology conditions that can be easily missed or those that should not be missed in the areas of cataract, cornea, eyelid and orbit, uveitis, leukocoria, vision loss and ophthalmic imaging. This is one not to miss!

11:00 - 12:30 **Venue: Kintamani 2 (BNDCC1-MF)**
Chair(s): Justin MORA, Rohit SAXENA, Ni Made Ayu SURASMIATI

- 11:00 What Not to Miss With Pediatric Cataract
M.Edward WILSON
- 11:09 Pediatric Corneal Conditions You Should Not Miss
Jyh Haur WOO
- 11:18 What Not to Miss With Pediatric Imaging
Amar PUJARI
- 11:27 Easily Missed/Masked Causes of Visual Impairment
Malisa AMI
- 11:36 What Not to Miss With Pediatric Uveitis and Steroid Response
Sophia ZAGORA
- 11:45 Pediatric Eyelid and Orbital Disorders You Should Not Miss
Lay Leng SEAH
- 11:54 What Not to Miss With Leukocoria
Marlyanti RAHMAH

Pediatric Retinal Disorders and Retinopathy of Prematurity (ROP)

Retinal dystrophy and retinopathy of prematurity (ROP) are leading causes of childhood visual

impairment in both developing and developed countries. Experts in ROP care will present topics on early diagnosis of ROP using mobile ROP screening, telemedicine in low-income countries, and the application of anti-VEGF in ROP treatment; share their vast clinical experience with the audience in the management of pediatric retinal detachment. This symposium will also present audiences with a rare opportunity to listen to the personal experience of a world expert in VN therapy for RPE65-IRDs.

14:30 - 16:00 **Venue: Kintamani 2 (BNDCC1-MF)**
Chair(s): Shuan DAI, Rita S SITORUS, Wei-chi WU

- 14:30 Mobile ROP Screening and Treatment in Jakarta
Dian YULIA
- 14:42 ROP Imaging and Teleophthalmology in Low-Resource Settings
Tapas PADHI
- 14:54 Anti VEGF in ROP Treatment
Xiao-rong LI
- 15:06 Surgical Treatment for Advanced ROP
Manoharan SHUNMUGAM
- 15:18 Practical Application of Pediatric ERG for General Ophthalmologists
Emily WONG
- 15:30 Personal Experiences With VN Therapy for RPE65-IRDs
Birgit LORENZ
- 15:42 Clinical Features and Management of School-age Pediatric Monocular Retinal Detachment
Hai LU

[APSPPOS symposium] Pediatric Neuro-Ophthalmological Conditions You Have to Know

Neuro-ophthalmological conditions occur in pediatric patients with various manifestations. This session provides updated information on pediatric neuro-ophthalmology, including optic neuropathies, pupil disorders and ocular deviations that are “must know” for your clinical practice.

16:30 - 18:00 **Venue: Kintamani 2 (BNDCC1-MF)**
Chair(s): Celia CHEN, Yulinda SOEMIATNO, An-guor WANG

- 16:30 Pediatric Optic Neuritis
Jeong-min HWANG
- 16:42 Is Gene Therapy Effective in Leber Hereditary Optic Neuropathy?
An-guor WANG
- 16:54 Should We Biopsy the Optic Nerve Glioma?
Wei-ning LIN

- 17:06 Dangerous Pupil in Children
*Karl **GOLNIK***
- 17:18 Is It Congenital SO Palsy or Skew Deviation?
*Wei **ZHANG***
- 17:30 Vision as One of Essential Senses to Stimulate Child Growth: Multidisciplinary Collaboration
*Primawita **AMIRUDDIN***

Refractive Surgery

Phakic IOLs: Innovations and Updates on Their Best Indications

Phakic IOLs have become an alternative to corneal refractive surgery and have a well-defined role in the correction of high levels of myopia, hyperopia and astigmatism. This session will offer the most recent advances in the topic and how to use new models of phakic IOLs.

09:00 - 10:30 **Venue: Singaraja 1 (BNDCC1-1F)**
*Chair(s): Jorge **ALIO**, Robert **ANG**, Hadi **PRAKOSO***

- 09:00 Artificial Intelligence in ICL Surgery
*Ik Hee **RYU***
- 09:12 Development of Hole ICL and How to Select ICL Size
*Kimiya **SHIMIZU***
- 09:24 Posterior Chamber Phakic IOLs in Special Cases
*Jorge **ALIO***
- 09:36 ICL Sizing: What's New?
*Gaurav **LUTHRA***
- 09:48 Removing the Phakic IOL Safe and Sound
*So Hyang **CHUNG***

Corneal Topography and Aberrometry

Corneal Topography and Aberrometry are essential tools in the indication of corneal and intraocular refractive surgery. Modern progress in this topic is extremely necessary to be known by modern refractive surgeons, avoiding problems and improving outcomes. This session will deal with the use of corneal topography and aberrometry on a practical basis for the corneal refractive and cataract surgeon.

11:00 - 12:30 **Venue: Singaraja 1 (BNDCC1-1F)**
*Chair(s): Chandra **BALA**, Nashrul **IHSAN**, Tetsuro **OSHIKA***

- 11:00 Corneal Topography for Premium Cataract Surgeon
*Hungwon **TCHAH***
- 11:15 Scheimpflug Technology and Densitometry Data for Cornea and Refractive Surgeon
*Ka Wai **KAM***

- 11:30 Anterior Segment OCT for Refractive Surgeon
*Khairidzan **MOHD KAMAL***
- 11:45 Utilization of Epithelial Mapping in Refractive Surgery
*Pooja **KHAMAR***
- 12:00 Reading Topography in Everyday Clinical Practice – Guide for the General Ophthalmologist
*Chandra **BALA***
- 12:15 How to Plan a More Appropriate Intervention in Lens Exchange Cases With Asymmetric Astigmatism
*Hung Yuan **LIN***

Retina (Medical)

Neovascular (Wet) Age-Related Macular Degeneration (AMD)

As with diabetic macular edema, anti-VEGF agents have reduced the chance of vision loss in patients with neovascular (wet) AMD. Nevertheless, many patients require frequent visits and frequent treatments, resulting in a variety of approaches to try to reduce the frequency of visits with home monitoring and newer agents that have been approved, allowing less frequent dosing for some, but not all, individuals. Biosimilars are becoming available to try to reduce costs as a barrier to frequent treatments for some.

09:00 - 10:30 **Venue: Pecatu Hall 1, 2 (BNDCC2-GF)**
*Chair(s): Srinivas **SADDA**, David **WONG**, Ni Luh Diah **PANTJAWATI***

- 09:00 Epidemiology of Neovascular AMD
*Xinyuan **ZHANG***
- 09:15 High Dose Aflibercept for Neovascular AMD
*David **WONG***
- 09:30 Biosimilars in Neovascular AMD
*Se Joon **WOO***
- 09:45 OCT Biomarkers for Treatment Response in Neovascular AMD
*Srinivas **SADDA***
- 10:00 Home Monitoring for Neovascular AMD
*Judy **KIM***
- 10:15 Faricimab vs Aflibercept for Neovascular AMD
*Susan **BRESSLER***

Geographic Atrophy

Within the last year, two agents have been approved by regulatory authorities around the world, based on anatomic results from several randomized clinical trials. While the primary outcome showed slightly less growth of GA in the treated than control groups,

treated and control groups, on average, had a substantial decline in best-corrected visual acuity over two years, while the treated groups were far more likely to develop exudative (neovascular) AMD, likely limiting the clinical relevance of anatomic benefits.

11:00 - 12:30 **Venue: Mengwi 6,7,8 (BNDCC2-GF)**
Chair(s): Voraporn **CHAIKITMONGKOL**, Nadia **DEWI**, Timothy **LAI**

- 11:00 Epidemiology of Geographic Atrophy
Chenxi ZHANG
- 11:15 Anatomic vs Visual Outcomes Using Anti-Complement Therapy for Geographic Atrophy
Neil BRESSLER
- 11:30 Safety Updates Regarding Anti-Complement Therapy
J.Fernando AREVALO
- 11:45 Atrophy in Neovascular AMD: Etiology and Management
Voraporn CHAIKITMONGKOL
- 12:00 Imaging Geographic Atrophy: Infrared from OCT vs Fundus Photo vs Autofluorescence
Srinivas SADDA
- 12:15 Differentiating Atrophy in AMD vs Typical Pattern Dystrophies
Onnisa NANEGRUNGSUNK

Hot Topics in Retina

This session will address other hot topics in retina not covered in other medical retina sessions at the APVRS 2024 Annual Meeting. Content will include AI applications for pathologic myopia or for determining visual acuity from fundus photographs or other retinal disease, recent clinical trial results of CNTF for macular telangiectasis (Mac Tel), updates on managing retinopathy of prematurity, and new ideas regarding gut dysbiosis in diabetic retinopathy.

16:30 - 18:00 **Venue: Pecatu Hall 1, 2 (BNDCC2-GF)**
Chair(s): Taraprasad **DAS**, Muhammad **FIRMANSAH**, William **MIELER**

- 16:30 Applying AI to Myopia
Daniel TING
- 16:48 CNTF for MacTel: Phase 3 Randomized Clinical Trial
Mark GILLIES
- 17:06 Determining Best Corrected Visual Acuity from Fundus Photos Using AI
Jun KONG
- 17:24 Managing Retinopathy of Prematurity Around the World
R.V. Paul CHAN

- 17:42 Gut Dysbiosis in Diabetic Retinopathy
Taraprasad DAS

Retina (Surgical)

Cataract and Vitreoretinal Surgery Meet!

Vitreoretinal surgeons often work together with our ophthalmology colleagues to resolve intraocular complications or co-manage cataract and other retinal diseases. This symposium would be ideal for all ophthalmologists and trainees to have an understanding of how such issues are managed.

11:00 - 12:30 **Venue: Singaraja 2 (BNDCC1-1F)**
Chair(s): Ari **DJATIKUSUMO**, Kenneth **FONG**, Adrian **FUNG**

- 11:00 What to Do When Your Phaco Surgery Goes Wrong
Ohisa HARLEY
- 11:10 Combined Phaco-Vitrectomy: Pros and Cons
Kiet-phang LING
- 11:20 Cataract Surgery in High Myopia- Tips From a VR Surgeon
Eleonore IGUBAN
- 11:30 Choroidal Haemorrhage
Bhuvan CHANANA
- 11:40 Post-cataract Endophthalmitis
Dipak NAG
- 11:50 Management of Pseudophakic CMO
Rosie DAWKINS
- 12:00 Managing Aphakia- IOL Options
Min KIM
- 12:10 Choroidal Effusion
Ning LU
- 12:20 Retinal Detachment and Cataract Surgery- Prophylaxis and Management
Shu Yen LEE

[APVRS Symposium] Controversies in Vitreoretinal Surgery

Innovations and improvements in vitreoretinal surgery necessitate surgeons to always apply the best practice in their surgeries. In this session, participants are invited to join the discussion on various controversial topics in vitreoretinal surgeries. Surgical techniques and equipment, including tamponade agents and intraoperative OCT, approaches to gene therapy in inherited retinal diseases, and the safety of re-using disposable instruments are some of the highly anticipated topics that are going to be presented in this session.

14:30 - 16:00 **Venue: Singaraja 1 (BNDCC1-1F)**
Chair(s): J.Fernando AREVALO, Andrew CHANG, Soefiandi SOEDARMAN

14:30 Combined Cataract/Vitreotomy Versus Sequential Surgery Choice of IOL (Multifocal IOL in Macular Disease)
Seung Young YU

14:38 Innovations in Tamponade Agents
Wee Min TEH

14:46 Management of Submacular Heme
Emil SJAHREZA

14:54 Peeling Lamellar Hole Surgery in Myopes
Shu Yen LEE

15:02 Intraoperative OCT: How Necessary Is This?
Hiroko TERASAKI

15:10 Vitrectomy in Endophthalmitis, Timing and Tamponade
I-van HO

15:18 Re-using Disposable VR Instrumentation
Vivek DAVE

15:26 Surgical Approaches to Gene Therapy for Inherited Retinal Disease
Suber HUANG

Sticky Surgical Situations – A Video Symposium

Along with the development of medical technologies in eye surgeries, various surgical techniques have been developed to minimize complications during or after the procedures and to maximize postoperative outcomes. Various surgical scenarios can arise at any time; therefore, prompt and accurate decision-making is needed to prevent complications. In this session, a number of challenging cases and several videos from experienced surgeons were recorded and will be shown as videos and discussed for application in your daily practice.

16:30 - 18:00 **Venue: Singaraja 1 (BNDCC1-1F)**
Chair(s): Ari ANDAYANI, Sanyam BAJIMAYA, Vivek DAVE

16:30 Tips and Tricks in Diabetic Tractional Retinal Detachment Repair From a Young Retina Specialist
Janice Marie JORDAN-YU

16:39 Lens Drop Management With Skewer Techniques
Laura LIU

16:48 Scleral-Fixated IOL Considerations
Manoharan SHUNMUGAM

16:57 Vitrectomy Combined With ILM Peeling for the Management of Retinal Detachment Due to Macular Hole in a High Myopia Patient
Ari ANDAYANI

17:06 Unexpected Nightmare During Vitrectomy for Massive Submacular Hemorrhage
Simon SZETO

17:15 Glue and Dye – The Helping Hands in Complex VR Surgeries
Vivek DAVE

17:24 Surgical Challenges and Easy Way Out for Diabetic Vitrectomy
Sanyam BAJIMAYA

17:33 Difficult Situations of RD Surgery
Muhammad MONIRUZZAMAN

17:42 Intraoperative OCT for Retina Surgery: Substance or Style?
Gavin TAN

17:51 Surgical Challenges for Tumor Surgery
Min KIM

Translational Research in Ophthalmology

Translational Research in Cell and Gene Therapy in Ophthalmology

Cutting-edge research is advancing the field of ophthalmology. Promising developments include the creation of hypoimmunogenic iPSC-RPE cells derived from cord lining to enhance retinal cell transplant outcomes. Novel therapeutics for ocular angiogenic diseases are in development, alongside updates in cell therapy for hereditary eye disorders. Patient-derived retina organoids serve as a platform for base editing therapy in SLC71A14 mutations. A comprehensive overview of cell and gene therapy for age-related macular degeneration (AMD) is available, and potential therapies in ocular oncology are explored, including gene therapy and immune checkpoint blockade.

11:00 - 12:30 **Venue: Kintamani 5 (BNDCC1-MF)**
Chair(s): Datu RESPATIKA, Mandeep SINGH, Xiaodong SUN

11:00 Development of Cord-Lining Derived Hypoimmunogenic iPSC-RPE Cells to Augment Outcomes of Retinal Cell Transplant
Xinyi SU

11:08 Development of Novel Therapeutics for Ocular Angiogenic Diseases
Xiaomeng WANG

- 11:16 LX102 Gene Therapy for Neovascular AMD: One-Year Outcomes
Xiaodong SUN
- 11:24 Cell Therapy Updates in Hereditary Eye Disorders
Mandeep SINGH
- 11:32 Base Editing Therapy in SLC71A14 Patient-Derived Retinal Organoids
Zi-bing JIN
- 11:40 Overview of Cell and Gene Therapy of AMD
Yasuo YANAGI
- 11:48 Gene Therapy and Immune Checkpoint Blockade: A Potential Therapy in Ocular Oncology
Datu RESPATIKA
- 11:56 Gene Therapy
Mark PENNESI

[AOI Symposium] Genetics in Ophthalmology

The Academia Ophthalmologica Internationalis connects ophthalmologists who are leaders in their fields of clinical care and science, who are heavily involved in educating the next generation of ophthalmologists.

What is the importance of testing genetics and genomics? One can help patients with advice about the future when a specific genetic disease has been identified, and the use of data from proteomics or genomics may help with the identification of targetable disease processes. Many of these approaches will become standard in the future and will now be explained by experts in the field.

16:30 - 18:00 **Venue: Kintamani 3 (BNDCC1-MF)**
Chair(s): Martine JAGER, Rita S SITORUS, Janey WIGGS

- 16:30 Introduction on the Academia Ophthalmologica Internationalis (AOI)
Richard ABBOTT
- 16:34 New Glaucoma Genes Suggest New Disease Mechanisms
Janey WIGGS
- 16:44 Precision Medicine in Glaucoma: Lessons From Exfoliation Syndrome
Tin AUNG
- 16:54 Eye Color and Uveal Melanoma
Martine JAGER
- 17:04 Uveal Melanoma in Asian Indians: Is It Different?
Santosh HONAVAR
- 17:14 Genetics and Omics in Conjunctival Melanoma
Shiqiong XU

- 17:24 Advances in the Genetics of Leber's Hereditary Optic Neuropathy
David MACKEY
- 17:34 Advances in Understanding AMD Through Omic Studies
Eric THEE
- 17:44 Advances in Understanding Choroidal Diseases Through Imaging Studies
Gemmy CHEUNG CHUI MING

Visual Sciences

Ocular Organoids From Pluripotent Stem Cells

More than a decade has passed since the introduction of retinal organoids. Meanwhile, other ocular organoids have been generated. This session will focus on "PSC-derived ocular organoids", and six scientists will present their work on ocular organoids, covering topics in cell biology and the application of ocular organoids in basic, translational and regenerative medicine.

09:00 - 10:30 **Venue: Uluwatu 4 (BNDCC1-GF)**
Chair(s): Zi-bing JIN, Xinyi SU, Cosmos O. MANGUNSONG

- 09:00 Proliferative Behavior of Retinal Organoid Cells
Mandeep SINGH
- 09:10 Retinal Organoids and Gene Therapy: Navigating the Future of Retinal Disease Modeling
Xinyi SU
- 09:20 Meibomian Gland Organoid
Wai Kit CHU
- 09:30 Patient-Derived Retinal Organoids Recapitulate Retinoblastoma
Zi-bing JIN
- 09:40 Safety and Stable Survival of Stem-Cell-Derived Retinal Organoid in Patients With Retinitis Pigmentosa
Yasuhiko HIRAMI
- 09:50 Stem Cells in Cornea Nerve Regeneration
Chia-ying TSAI

[APSEG Symposium] Glaucoma Genetics

Glaucoma is one of the most heritable diseases, and we have found many genes associated with Congenital Glaucoma, Primary Open-Angle Glaucoma and Primary Angle-Closure Glaucoma. For Mendelian forms of glaucoma with young onset this allows predictive testing for children at risk. For adult onset POAG, we now have advanced Polygenic Risk Scores that can be used to guide clinical intervention. We need to broaden the ethnic populations involved in glaucoma genetics studies to make translation of this

work universal.

11:00 - 12:30 **Venue: Uluwatu 4 (BNDCC1-GF)**
Chair(s): Li Jia CHEN, Krisna JATI, Anthony KHAWAJA

11:00 New Genes for Childhood Glaucoma
Janey WIGGS

11:10 Modifying Genetic Risk for POAG
Anthony KHAWAJA

11:20 Integrating an Accredited Polygenic Risk Score for Glaucoma Into Clinical Practice: Early Experience
Jamie CRAIG

11:30 Recent Advances in the Genetics of PACG
Tin AUNG

11:40 Applying Glaucoma Polygenic Risk Scores to Different Populations
David MACKEY

11:50 Functional Characterization of the New PACG New Gene Identified From WES
Zhenxun WANG

Asia Pacific Inherited Eye Disease (APIED) Symposium

Inherited retinal diseases (IRDs) are a leading cause of visual impairment and blindness in children and working-age adults. The establishment of the Asia Pacific Inherited Eye Disease (APIED) Network aims to facilitate concerted regional efforts in (I) identifying and overcoming barriers that may hinder the translation of basic science discoveries into clinical care, and (II) coordinating and harmonising care and research of IRDs regionally and internationally.

14:30 - 16:00 **Venue: Uluwatu 4 (BNDCC1-GF)**
Chair(s): Hwei Wuen CHAN, Supanji SUPANJI, Chen ZHAO

14:30 PTC Suppression Therapy Reverses Retinal Pigmentosa Caused by Visual Perception Genes' Disrupted mRNA Splicing
Chen ZHAO

14:42 Phase 2 AAV5-RPGR (Botarectigene Sparaparvovec) Gene Therapy Trial in RPGR-Associated X-Linked Retinitis Pigmentosa
Hwei Wuen CHAN

14:54 Genetics of Myopia in Children: The Hong Kong Children Eye Genetics Study
Li Jia CHEN

15:06 Inherited Retinal Disease: Updates on Diagnosis and Management
Omar MAHROO

15:18 Unveiling the Genetic Landscape of Inherited Retinal Diseases in Southeast Asia: Insights From Singapore's Multiethnic Population
Beau FENNER

15:30 Studies of Inherited Retinal Diseases by Korean Eye Gene Consortium (KEGC)
Se Joon WOO

FEB
25,
2024
(SUN)

AI, Digital Innovation and Virtual Health

Artificial Intelligence and Deep Learning in Ocular Imaging for Posterior Segment Imaging

Artificial Intelligence redefines posterior segment imaging in ophthalmology. It enables early detection of posterior segment pathologies, personalized treatment plans, and enhanced patient outcomes. This session focuses on how AI marks a transformative era in posterior segment imaging, advancing eye care with unprecedented accuracy and effectiveness.

09:00 - 10:30 **Venue: Kintamani 6 (BNDCC1-MF)**
Chair(s): Gitalisa ADRIONO, John CAMPBELL, Paisan RUAMVIBOONSUK

09:00 AI for DR Prediction
Feihui ZHENG

09:10 Federated Learning and Blockchain for Ophthalmology
Rick GOH

09:20 Translating AI Into Real-world Setting for Retinal Diseases
Paisan RUAMVIBOONSUK

09:30 AI to Detect Multiple Retinal Diseases
Youxin CHEN

09:40 Novel AI Techniques for Retinal Imaging
Liu YONG

09:50 AI for Retinal Imaging As Systemic Window to Health
Carol CHEUNG

Academia, Research, Teaching and Education in Ophthalmology

The Next Step in Medical Education: Technology and AI

Medical education has greatly benefitted from advancement in IT, and ophthalmology is no exception. Artificial intelligence (AI) provides new tools for improving the efficiency, quality and availability of methods of residency training. Topics include using AI for medical education, providing feedback, utilizing big data and improving resident assessment. Virtual reality for surgical training and virtual interviewing as a method of resident selection will also be covered.

11:00 - 12:30 **Venue: Kintamani 5 (BNDCC1-MF)**
Chair(s): Rajvardhan AZAD, Karl GOLNIK, Arief KARTASASMITA

- 11:00 Virtual-Reality-Assisted Skill Acquisition in Surgery Training
Arief KARTASASMITA
- 11:12 Automated Feedback Using AI in Residency Training
Eduardo MAYORGA
- 11:24 Objective Virtual Interviewing Method for Residency Selection
Ah M Enayet HUSSAIN
- 11:36 Big Data and AI-Assisted Learning
Muhammad SASONGKO
- 11:48 AI-Powered Remote Proctored Assessment
Rajesh SINHA
- 12:00 Q&A

Cataract

[ISMSICS Wet Lab Course] Hands-on Training in MSICS, the State of Art Cataract Surgery 1

Synopsis: The Wet Lab course will start with a demonstration on screen, showcasing the intricacies of the technique. The details will be illustrated with the help of diagrams, animations, and videos. This will be followed by a hands-on experience for participants working with animal eyes under the supervision of experts.

08:30 - 10:30 **Venue: Uluwatu 3 (BNDCC1-GF)**
Chair(s): Jagannath BORAMANI

- 08:30 Construction of Scleral Tunnel
Jagannath BORAMANI
- 08:38 Significance of MSICS in Australia, NZ, Pacific Region
Nitin VERMA

- 08:43 Problems in Construction of Scleral Tunnel
Kimaya CHAVAN
- 08:48 Nucleus Management Techniques
Neeta DODWAD
- 08:56 Hands-on Training
Ahmad AMALIUS, Jagannath BORAMANI, Kimaya CHAVAN, Neeta DODWAD, Nitin VERMA

Capsule Complications

This symposium explores preventing typical complications in cataract surgery, especially those affecting the capsule and hindering successful Intraocular Lens (IOL) implantation. It underscores the vital role of precise surgical methods in averting specific issues. Moreover, it discusses managing intra-operative complications and navigating pre-existing ones, shaping the core discussions of this symposium on cataract surgery intricacies.

09:00 - 10:30 **Venue: Singaraja 2 (BNDCC1-1F)**
Chair(s): Julia Y.Y. CHAN, Hadi PRAKOSO, Shail VASAVADA

- 09:00 Managing Anterior Capsule Tear With Posterior Extension
Julia Y.Y. CHAN
- 09:12 Saving the Descending Nucleus
Setiyo RIYANTO
- 09:24 P-Fixation Technique Aiming for Complication-Free Intrascleral IOL Fixation
Toshihiko OHTA
- 09:36 Posterior Approach to Anterior Vitrectomy – Why, When and How
Shail VASAVADA
- 09:48 Zonular Dehiscence During Phaco
Seng Ei TI
- 10:00 Options for Avoiding Late IOL Decentration
Hadi PRAKOSO

IOL Options in Eyes With Co-existing Pathology

This symposium navigates the intricate selection of Intraocular Lenses (IOLs) for eyes with concurrent pathologies. It recognizes the elevated complexities and unique factors influencing this decision, distinct from selecting IOLs for healthy eyes. By delving into these intricacies, the symposium aims to understand and tackle these challenges, striving for optimal outcomes in cases with co-existing eye conditions.

11:00 - 12:30 **Venue: Singaraja 2 (BNDCC1-1F)**
Chair(s): Hadi PRAKOSO, Thanapong SOMKIJRUNGROJ, Gerard SUTTON

- 11:00 EDOF, Trifocal or Neither in Post LVC Eyes
Adel SAMSON

- 11:12 IOL Options in Eyes With ERM of Different Severities
Thanapong SOMKIJRUNGROJ
- 11:24 IOL Options in Congenital Zonulopathies
Rio RHENDY
- 11:36 IOL Considerations in Keratoconus
Li LIM
- 11:48 IOL Considerations in Post RK Eyes
Amit PORWAL
- 12:00 Toric IOL With Dry Eye and Postoperative Refractive Surprise
Gerard SUTTON

[ISMSICS Wet Lab Course] Hands-on Training in MSICS, the State of Art Cataract Surgery 2

Synopsis: The Wet Lab course will start with a demonstration on screen, showcasing the intricacies of the technique. The details will be illustrated with the help of diagrams, animations, and videos. This will be followed by a hands-on experience for participants working with animal eyes under the supervision of experts.

11:00 - 13:00 **Venue: Uluwatu 3 (BNDCC1-GF)**
Chair(s): Jagannath BORAMANI

- 11:00 Construction of Scleral Tunnel
Jagannath BORAMANI
- 11:08 Significance of MSICS in Australia, NZ, Pacific Region
Nitin VERMA
- 11:13 Problems in Construction of Scleral Tunnel
Kimaya CHAVAN
- 11:18 Nucleus Management Techniques
Neeta DODWAD
- 11:26 Hands-on Training
Ahmad AMALIUS, Jagannath BORAMANI, Kimaya CHAVAN, Neeta DODWAD, Nitin VERMA

Cornea, Dry Eyes, External Eye Diseases and Eye Banking

Corneal and Anterior Segment Imaging

The anterior segment is the most accessible part of the eye and its health is critical to visual quality. Various imaging modalities complement each other, and it is of great importance for all to get a good grasp of them. In this exciting symposium, speakers from expert areas will be taking the audience through the basic fundamentals, clinical and diagnostic applications of these advancements and latest developments of such modalities.

09:00 - 10:30 **Venue: Pecatu Hall 1, 2 (BNDCC2-GF)**
Chair(s): Faraby MARTHA, Radhika TANDON, Alvin YOUNG

- 09:00 ASOCT-Based Differentiation of Epithelial and Stromal Thickness Mapping for the Diagnosis of Corneal Diseases
Wei-li CHEN
- 09:12 iOCT Imaging in Pediatric Keratoplasty
Radhika TANDON
- 09:24 OCTA for the Anterior Segment
Yoshinori OIE
- 09:36 Scheimpflug Imaging in Anterior Segment
Ka Wai KAM
- 09:48 AI in In Vivo Confocal Microscopy
Darren Shu Jeng TING
- 10:00 AI in Dry Eye Diagnostic System
Jin YUAN
- 10:12 Q&A

Cataract Surgery in the Presence of...

Cataract is one of the most prevalent problems in the world and no exception to our Asia-Pacific region. In this exciting symposium, leading international experts will take the audience through "everything you need to know" for cataract surgery in a number of common yet important anterior segment conditions. The basic fundamentals, clinical applications and pearls in approaching such conditions would be addressed.

11:00 - 12:30 **Venue: Pecatu Hall 1, 2 (BNDCC2-GF)**
Chair(s): Charles MCGHEE, Syska WIDYAWATI, Harminder DUA

- 11:00 Cataract Surgery in the Presence of Dry Eyes
Nai-wen FAN
- 11:11 Cataract Surgery in the Presence of Previous Refractive Surgery
Colin CHAN
- 11:22 Thin, Astigmatic and Aberrant: Cataract Surgery in Keratoconus
Charles MCGHEE
- 11:32 Cataract Surgery in the Presence of Pterygium
Julia Y.Y. CHAN
- 11:43 Cataract Surgery in the Presence of Corneal Scars
Christopher RAPUANO
- 11:54 Cataract Surgery in the Presence of LSCD
Harminder DUA

12:05 Cataract Surgery in the Presence of Fuchs Endothelial Corneal Dystrophy
Koji KITAZAWA

12:16 Q&A

Glaucoma

Surgeries in Refractory Glaucoma

Lowering the intraocular pressure (IOP) is currently the only proven treatment to slow or stop glaucoma progression. However, this may not be readily achievable with existing treatment modalities (i.e. medication, laser, and surgeries). In this presentation, we will share some refractory glaucoma cases with the audience and provide thoughts about the treatment approaches.

09:00 - 10:30 **Venue: Pecatu Hall 3, 5 (BNDCC2-GF)**
Chair(s): Md Nazrul ISLAM, Andi INDIRA, Vijaya LINGAM

09:00 Safety and Efficacy of Goniotomy Following Failed Surgery for Glaucoma
Hong Yang ZHANG

09:08 Surgical Outcomes of Glaucoma Drainage Device Implantation in Refractory Glaucoma Patients in Thailand
Kulawan ROJANANUANGNIT

09:16 Recent Progress of Surgical Treatment in JOAG
Viney GUPTA

09:24 Why Don't We Just Use Micropulse Transscleral Therapy
Victor KOH

09:32 Virna Glaucoma Implant in Refractory Glaucoma
Virna ASRORY

09:40 Neovascular Glaucoma – Role of Laser, Anti-VEGF, and Surgery
Poemen CHAN

09:48 Glaucoma Treatment for Eyes With Boston KPro
Colin CLEMENT

Imaging in Glaucoma

This session is about imaging in glaucoma that consists of topics related to structure to function in glaucoma, whether it is early or progressed. It also discusses the angiography in glaucoma. The intrigues in high myopia are also included in the topic.

11:00 - 12:30 **Venue: Pecatu Hall 3, 5 (BNDCC2-GF)**
Chair(s): Virna ASRORY, Mimiwati ZAHARI, Xinghuai SUN

11:00 Myopic vs Glaucomatous Parapapillary Beta Zone in Myopic Eyes vs Eyes With Secondary Angle-Closure Glaucoma
Jost JONAS

11:08 Clinical Application of OCTA in Glaucoma
Xinghuai SUN

11:16 Retinal Venous Pressure and Glaucoma Progression
William MORGAN

11:24 Combining Structural and Function in Evaluating the Progression
Astrianda SURYONO

11:32 The Impact of High Myopia on the Structure and Function of Glaucoma
Mingguang HE

11:40 The Challenges in Detection of Glaucoma Progression Using Visual Field Analysis
Liza Sharmini AHMAD TAJUDIN

11:48 Structure and Function Changes in Early Glaucoma
Md Nazrul ISLAM

11:56 OCT Structural Parameters for Diagnosis of Glaucoma in High Myopia
Jin Wook JEOUNG

12:04 How to Improve the Structure-Function Relationship in Glaucoma?
Ryo ASAOKA

Intraocular Inflammation, Uveitis and Scleritis

Uveitis in Children: Challenges in Diagnosis and Treatment

This symposium aims to focus on targeted differential diagnostics and child-adapted therapy. The management of infectious and non-infectious etiologies will be presented. Important differential diagnoses for masquerade syndromes are included. Clear instructions for acute treatment and basic immunomodulatory therapy in child-adapted monitoring, such as flare measurement, will be presented.

09:00 - 10:30 **Venue: Kintamani 1 (BNDCC1-MF)**
Chair(s): Soon-phaik CHEE, Uwe PLEYER, Ratna SITOMPUL

09:00 Blau Syndrome and Early Onset Sarcoidosis
Sridharan SUDHARSHAN

09:15 The Importance of Precise Follow-up Methods Including Laser Flare Photometry for Childhood Uveitis
Carl HERBORT, JR

- 09:30 Tubulointerstitial Nephritis and Uveitis Syndrome: An Underestimated Issue?
Uwe PLEYER
- 09:45 Differential Diagnosis of Infectious Uveitis in Children
Jyotirmay BISWAS
- 10:00 Masquerade Syndromes in Childhood Uveitis
Nor Hafizah HAMZAH
- 10:15 Immunosuppressive Treatment in Children
Soumyava BASU

Myopia

Myopia Epidemiology and National Strategy

This session will feature speakers from Indonesia, the local host, and others from Singapore, China, Australia, and Chinese Taipei. They will discuss how different countries understand and approach myopia, including their unique strategies and policies for myopia prevention and treatment.

09:00 - 10:30 **Venue: Kintamani 2 (BNDCC1-MF)**
Chair(s): Ariesanti HANDAYANI, Seang-mei SAW, Haidong ZOU

- 09:00 Establishment and Practice of Children Myopia Prevention and Treatment Integration Driven by Digital Intelligence
Haidong ZOU
- 09:12 Myopia National Strategy in Indonesia
Kianti DARUSMAN
- 09:24 Retinal Detachment and Myopia in Bali: Current Report
Ariesanti HANDAYANI
- 09:36 Epidemiology and National Strategy for Myopia in Children
Fan LU
- 09:48 Myopia Epidemiology and National Strategy in Australia
Ian MORGAN
- 10:00 Myopia Epidemiology and National Strategy in Chinese Taipei
Pei-chang WU

Neuro-Ophthalmology

[IOA-INANOS Joint Symposium] Neuro-Ophthalmic Complications in Systemic Diseases: A Case-based Approach

This session was designed with a discussion panel Neuro-Ophthalmic Complications in Systemic Diseases: A Case-based Approach. This session will be very interesting because we will get a lot of

experience from various kinds of optic nerve cases due to complications of diseases from infections, metabolic, and tumors and listen to the experiences and opinions from the experts. This session will be presented by the Indonesian Neuro Ophthalmology Society.

09:00 - 10:30 **Venue: Uluwatu 1 (BNDCC1-GF)**
Chair(s): Mohamad SIDIK, Prem SUBRAMANIAN, Clement TAN

- 09:00 My Cancer Patient Is Seeing Double!
Sita AYUNINGTYAS
- 09:12 Pediatric Neuro-Ophthalmology Dilemma
Prettyla YOLLAMANDA
- 09:24 Tuberculosis-Related Neuro-Ophthalmic Complications
Danita GINTING
- 09:36 Frozen Eye in Diabetic Patient
Salmarezka DEWIPUTRI
- 09:48 Sudden Onset of Parinaud Syndrome
Made WIJAYATI
- 10:00 Double Trouble: Seeing Double and Loss of Balance
Rusti Hanindya SARI
- 10:12 Panel Discussion
Mohamad SIDIK, Prem SUBRAMANIAN, Clement TAN

Ocular Imaging

Obtaining Insight Into Pathophysiology of Eye Diseases Using High-Resolution Imaging

Applying high-resolution ocular imaging techniques may serve to uncover the pathophysiology of eye diseases. The speakers of this session will share the most cutting-edge research in order to give a deeper understanding of the pathophysiology of diabetic retinopathy (DR), the dynamics of cerebrospinal fluid in glaucoma, the intricate structures of the optic nerve head in myopia and glaucoma, and numerous other ocular pathologies that are of critical importance and demand elucidation.

11:00 - 12:30 **Venue: Kintamani 6 (BNDCC1-MF)**
Chair(s): Henry CHEN, Leopold SCHMETTERER, Ratu Puri SASTRADIWIRJA

- 11:00 OCTA – Insights Into Pathophysiology of DR and Glaucoma
Leopold SCHMETTERER
- 11:10 Imaging Cerebrospinal Fluid Dynamics in Glaucoma Patients
Kevin CHAN

- 11:20 Looking Into the Deep Structure of the Optic Nerve Head in Myopia and Glaucoma
Henry CHEN
- 11:30 Optoretinography Tong LING
- 11:40 Correlations of Changes in OCTA Metrics and NTG Progression
Ruyue SHEN
- 11:50 Exploring the Intriguing Link Between High Myopia and Glaucoma
Fei LI
- 12:00 Clinical Significance of Parapapillary Choroidal and Macular Microvasculature Change in Glaucoma
Yuanbo LIANG

Ocular Oncology and Pathology

Eyelid and Orbit

Many malignancies develop on the ocular surface, the eyelid and the orbit. The ocular surface is exposed to sunlight, which may stimulate the development of a lot of malignancies. Proper identification and treatment may help to save the eye and also improve the life of the patient by preventing disastrous outgrowth and metastases. This session will help explain the most modern ways to make a diagnosis and treat these cases.

09:00 - 10:30 **Venue: Kintamani 3 (BNDCC1-MF)**
Chair(s): Martine JAGER, Raden KARTIWA, Fairouz Puthiyapurayil MANJANDAVIDA

- 09:00 Targeted Therapy in Ocular Oncology: The Current Status
Santosh HONAVAR
- 09:08 Teprotumumab and Thyroid Eye Disease
Erin SHRIVER
- 09:16 Evolving Concepts in Thyroid Eye Disease
Hayyam KIRATLI
- 09:24 Eyelid Carcinoma: State-of-the-Art Diagnosis and Treatment
Heindl HEINDL
- 09:32 Periocular Malignant Masses – Myriads
Fairooz Puthiyapurayil MANJANDAVIDA
- 09:40 Update Management Non-pigmented Malignancy of the Ocular Surface
Putu YULIAWATI,MD
- 09:48 Plaque Brachytherapy for Ocular Surface Tumors or Intraocular Tumors
Rolika BANSAL

- 09:56 Outcomes of Neoadjuvant Systemic Chemotherapy for Eyelid Sebaceous Gland Carcinoma at National Referral Hospital in Indonesia
Neni ANGGRAINI
- 10:04 World Health Organisation (WHO) Histological Classification With Validation of Conjunctival Melanocytic Intraepithelial Lesions and Conjunctival Melanoma-An Update
Hardeep MUDHAR

[IOA-INASOPRS Joint Symposium] Oncology

This symposium will highlight the advances and latest developments in ocular oncology. The topics include ocular metastasis from breast cancer, intraocular tumor, retinoblastoma, conjunctival tumor, basal cell carcinoma and eyelid reconstruction following eyelid tumor removal.

11:00 - 12:30 **Venue: Uluwatu 2 (BNDCC1-GF)**
Chair(s): Ashok GROVER, Agus SUPARTOTO

- 11:00 Ocular Metastasis From Breast Cancer an Ophthalmology Role
Anindita WICITRA
- 11:08 Uncommon Intraocular Lesion in Adult: What Nice to Know
Susy FATMARIYANTI
- 11:16 Comparative Study on Nickel Levels in Blood Between Parents of Unilateral and Bilateral Retinoblastoma Children
Ardizal RAHMAN
- 11:24 Malignant Intraocular Tumors: Spot the Differences!
Mutmainah MAHYUDDIN
- 11:32 Pits and Pearls for Conjunctival Tumor Surgery
Raden KARTIWA
- 11:40 Converging Expertise: Multifaceted Carotid Cavernous Fistula Management With Case Insight From Yogyakarta, Indonesia
Banu DIBYASAKTI
- 11:48 Eyelid Reconstruction Following Eyelid Tumor Removal
Ashok GROVER
- 11:56 Mass Mimicking Dacryosistocele/ Dacryocystitis
Raja ERINDA
- 12:04 Nodular Basal Cell Carcinoma
Mardijas EFENDI

Ophthalmic Epidemiology and Prevention of Blindness

[IOA-INACOS Joint Symposium] 2030 in Sight: Challenges and How to Deal With Them

Specific strategies are needed to face the challenges in the Prevention of Blindness and Visual Impairment Program. The community program of Cataract, refractive error, diabetic retinopathy, childhood blindness and low vision are very important to prevent avoidable blindness. This session will provide all information about the community program in Indonesia.

09:00 - 10:30 **Venue: Uluwatu 2 (BNDCC1-GF)**
Chair(s): *Sriana WULANSARI*

- 09:00 Challenges and Strategies in Cataract Community Program
Hera Dwi NOVITA
- 09:12 Challenges and Strategies in Refractive Error Community Program
Muhammad SYAUQIE
- 09:24 Challenges and Strategies in Diabetic Retinopathy Community Program
Suryanadi NI MADE
- 09:36 Challenges and Strategies in Childhood Blindness Community Program
Syumarti SYUMARTI
- 09:48 Challenges and Strategies in Low Vision Community Program
Umar MARDIANTO

[IAPB Symposium] 2030 in Sight-Integrated People-Centred Eye Care

The World Health Assembly endorsed the Integrated People -Centered Eye Care for the decade, with global targets to achieve by 2030, and the United Nations General Assembly has realized eye health as a cross-cutting issue critical to achieving several SDG goals. To support this, the IAPB global alliance of eye health has also made its sectoral strategy, 2030 In Sight. The IAPB session in APAO will focus on how to translate these resolutions into national eye health policies and plans where actual changes need to happen.

11:00 - 12:30 **Venue: Uluwatu 1 (BNDCC1-GF)**
Chair(s): *May HO, Rohit KHANNA, Syumarti SYUMARTI*

- 11:00 IAPB Global Priority and Actions
Peter HOLLAND
- 11:08 2030 Insight Monitoring Indicators
Jude STERN
- 11:16 Q&A
- 11:26 2030 in Sight Regional Priority
Yuddha SAPKOTA

- 11:34 2030 in Sight – IPEC Case Study Nepal
Sailesh MISHRA
- 11:42 2030 in Sight – IPEC Case Study Indonesia
Yeni LESTARI
- 11:50 2030 in Sight – IPEC Case Study Laos
Anna TAN
- 11:58 IPEC- Eye Health Advocacy – Tool Kit
Junu SHRESTHA
- 12:06 Q&A
Tashi TOBGAY

Orbital and Oculoplastic Surgery

Towards Perfection in Lacrimal Surgery

This symposium will highlight the different approaches in managing patients with primary acquired nasolacrimal duct obstruction utilizing various techniques including endoscopic endonasal DCR, non- endoscopic endonasal DCR, transcanalicular laser DCR, dacryoendoscopy and balloon dacryoplasty under fluoroscopic guidance. Likewise, treatment of pediatric lacrimal obstruction and management of lacrimal sac mass will be discussed.

11:00 - 12:30 **Venue: Kintamani 1 (BNDCC1-MF)**
Chair(s): *Reynaldo JAVATE, Lakshmi MAHESH, Sutjipto SUTJIPTO*

- 11:00 Suturing of Flaps in Endonasal Dacryocystorhinostomy (DCR)
Nattawut WANUMKARNG
- 11:10 Non-endoscopic Endonasal DCR
Peter DOLMAN
- 11:20 Radiologic Diagnostic of the Lacrimal System and Treatment of the Lacrimal System With Balloon Dacryoplasty Under Fluoroscopic Guidance
Ulrich LACHMUND
- 11:30 Treatment of Pediatric Lacrimal Obstruction
Wei LU
- 11:40 Crosstalk Between the Lacrimal Drainage and Lacrimal Gland
Swati SINGH
- 11:50 Transcanalicular Laser DCR
Muhammad MOIN
- 12:00 Lacrimal Sac Mass: Is It Infection or Tumor? How to Approach and Manage
Riani ERNA
- 12:10 Dacryoendoscopy in the Management of PANLDO
Helen LEW

12:20 Secondary Monocalicular Intubation in Complex DCR Surgery
Lakshmi MAHESH

Refractive Surgery

[ISRS Symposium] Multifocal IOLs: How to Manage Them and How to Solve Their Complications

Multifocal lenses have been confirmed as one of the important accomplishments in cataract and refractive lens surgery. The diversity of multifocal intraocular lenses, their different performances and sometimes complications are still limiting their use. In this session, we aim to clarify the different types of multifocal lenses to be chosen for your patients and also how to solve the most frequent complications, especially neuroadaptation failure, so feared by the cataract surgeon.

11:00 - 12:30 **Venue: Singaraja 1 (BNDCC1-1F)**
Chair(s): Jorge ALIO, John CHANG, Setiyo RIYANTO

- 11:00 Management of Refractive Error After Multifocal IOL Implantation
Minoru TOMITA
- 11:12 LVC for Optimizing Visual Outcome After Multifocal IOL Cataract Surgery
Setiyo RIYANTO
- 11:24 Multifocal IOL Lens Exchange When and How
John CHANG
- 11:36 Managing Refractive Surprise After Cataract Surgery With Multifocal IOL
Mohamad ROSMAN
- 11:48 Treating Neuroadaptation Failure Following Multifocal IOL With Multifocal IOL Exchange With Another Multifocal IOL
Jorge ALIO

Retina (Medical)

Inherited Retinal Degeneration

Knowledge regarding the diagnosis and management of inherited retinal degeneration is undergoing rapid change. With the advent of genetic testing, more specific genotypes are being matched to various phenotypes that may aid in discussions on prognosis and management. Novel, clinically relevant clinical trial endpoints are being developed in conjunction with gene therapies, CRISPR base editing, as well as studies considering the potential for cell therapy in inherited retinal degenerations.

11:00 - 12:30 **Venue: Mengwi 6,7,8 (BNDCC2-GF)**
Chair(s): Ichsan ANDI, Graham HOLDER, Haotian LIN

11:00 Clinical Trial Endpoints for Gene Therapy Trials
Mark PENNESI

11:18 Current Role of Voretigene Neparvovec
William MIELER

11:36 Economic Burden of Inherited Retinal Diseases
Budu MANNYU

11:54 Transvitreal Subretinal Injections for Gene Therapy Vectors in Inherited Retinal Diseases
Chloe KHOO

12:12 Potential for Cell Therapy in Early/ Intermediate Stages of Inherited Retinal Disease
Mandeep SINGH

Retina (Surgical)

Retinal Detachment Surgery

This Retinal Detachment Surgery symposium will provide a thorough update regarding the most common surgical approaches to the repair of primary rhegmatogenous retinal detachments (pneumatic retinopexy, scleral buckle, pars plana vitrectomy). Also reviewed will be the use of ancillary techniques which may improve outcomes in select cases. The timing of surgical repair will be discussed, along with the treatment of proliferative vitreoretinopathy (PVR), and current research into the prevention of PVR. Finally, pediatric retinal detachments will be reviewed, along with the use of the 3D heads-up surgical approach.

09:00 - 10:30 **Venue: Singaraja 1 (BNDCC1-1F)**
Chair(s): William MIELER, Ratu Puri SASTRADIWIRJA, Sherman VALERO

09:00 Update on Pneumatic Retinopexy
Sherman VALERO

09:08 The Trend Toward Repair of Rhegmatogenous RD via a Vitrectomy Approach
William MIELER

09:16 Scleral Buckling: Will the Procedure Exist or Be Extinct in the Future?
Sanyam BAJIMAYA

09:24 Timing of Surgical Repair of a Rhegmatogenous RD-Is There an Urgency?
Ratu Puri SASTRADIWIRJA

09:32 Tissue Glue in RD Repair
Mudit TYAGI

09:40 Management of PVR Retinal Detachment With Inferior Retinectomy
Wilson WONG JUN JIE

- 09:48 Ongoing Research in the Prevention and Treatment of PVR
Gavin TAN
- 09:56 Update on the Management of Pediatric Retinal Detachments
Wai-ching LAM
- 10:04 Learning Curve in Using 3D Heads Up Vitrectomy for RD
Grimaldi IHSAN

[IOA-INAVRS Joint Symposium] Challenging Cases in Vitreoretinal Surgery

Macular hole and nucleus drop are challenging cases. They need a different approach to improve the surgical success rate. In this session inverted ILM flap surgery and nucleus drop with secondary implant will be demonstrated, and other interesting cases will be presented by the INAVRS member.

11:00 - 12:30 **Venue: Kintamani 3 (BNDCC1-MF)**
Chair(s): Made Indra WIDYANATHA

- 11:00 Case Presentation
Sindy Boru SEMBIRING
- 11:12 Traumatic Macular Hole: Inverted ILM Flap Surgery
Ahmad THOHIR
- 11:24 Nucleus Drop – Secondary IOL
Salam SURBAKTI
- 11:36 Case Presentation
Martin HERTANTO
- 11:48 Panel Discussion
Afrisal KURNIAWAN, Firman WARDHANA, Anggun YUDANTHA

Translational Research in Ophthalmology

Strategies and Lessons in Translational Research and Implementation in Ophthalmology: From Bench to Patients

Current ophthalmological research encompasses diverse areas. Efforts bridge the gap from laboratory discoveries to practical applications in the management of corneal diseases. Animal studies play a pivotal role in advancing our understanding of neuro-ophthalmology. Progress in retina implants, transitioning from bench to bedside, holds promise for vision restoration. Focus on corneal endothelial regenerative medicine and novel drug delivery systems represents innovative therapeutic avenues. Investigating cellular diversity and stem cells in retinal and choroidal vessels offers insights into vascular pathology. Clinical trials involving iPSC-derived corneal epithelial sheet transplantation seek to enhance corneal regenerative therapies.

09:00 - 10:30 **Venue: Kintamani 5 (BNDCC1-MF)**
Chair(s): Yulia AZIZA, Suber HUANG, Shigeru KINOSHITA

- 09:00 Corneal Disease: Lab to Patients
Jodhbir MEHTA
- 09:08 The Role of Animal Study in Neuro-Ophthalmology Practice
Antonia INDRIATI
- 09:16 Improving Clinical Trials for Rare Diseases in Ophthalmology
Suber HUANG
- 09:24 Towards Corneal Endothelial Regenerative Medicine
Shigeru KINOSHITA
- 09:32 Novel Drug Delivery
Wai Kit CHU
- 09:40 Cellular Diversity and Stem Cells in Retinal and Choroidal Vessels
Taku WAKABAYASHI
- 09:48 Computerized Adaptive Testing to Evaluate QoL in AMD
Eva FENWICK

Visual Sciences

[GEGC-InaSGED Joint Symposium] Beyond GWAS: Uncovering Functional and Clinical Contexts of Genetic Variants for Eye Diseases

The advent of advanced and cost-effective technologies in molecular genomics over the past decade has led to the identification of a vast number of eye disease genes and gene variants. Many institutions in different parts of the world are dedicated to genetic eye diseases and attend to these patients and families. Functions and clinical contexts of the newly found genetic variants are under intensive study. In this session, advances in gene identification and functions for eye diseases will be intensively discussed.

11:00 - 12:30 **Venue: Uluwatu 4 (BNDCC1-GF)**
Chair(s): Katie WILLIAMS, Kenji YAMASHIRO, Dhimas SAKTI

- 11:00 The Phenotypic Spectrum of Sequence Variants of RPE65 and the Challenge of Patient Selection for Gene Augmentation Therapy With Voretigene Neparvovec
Birgit LORENZ
- 11:10 Inherited Retinal Disease: Finding Genotype-Specific Biomarkers
Dhimas SAKTI

- 11:20 Refractive Error and Axial Length Distributions in Genetically Confirmed Inherited Retinal Diseases
Katie WILLIAMS
- 11:30 The Translation Value of Multi-Omics: The Interplay Among Genomics, Metabolomics, and Clinical Characteristics in Inherited Retinal Degeneration
Ta-ching CHEN
- 11:40 Cracking the Code: Can We Personalize Treatments for Genetic Variants in Inherited Retinal Diseases?
Wendy WONG
- 11:50 Pathogenesis Insight of Central Serous Chorioretinopathy Through GWAS Results
Kenji YAMASHIRO
- 12:00 Gene Editing Technique to Save Sight- CRISPR View on Genetic Eye Disease
Guei-sheung LIU

INSTRUCTION COURSES

FEB
22,
2024
(THU)

AI, Digital Innovation and Virtual Health

How to Set Up a Virtual Glaucoma Clinic – The Singapore Experience

09:00 - 10:30 **Venue: Kintamani 5 (BNDCC1-MF)**
Chair(s): Rahat HUSAIN

09:00 Course
Rahat HUSAIN

09:40 Course
Victor KOH

10:00 Course
Vivien YIP

Glaucoma

The Quandary of a Failing Bleb: "Strike When the Bleb Is Hot"

09:00 - 10:30 **Venue: Mengwi 3,5 (BNDCC2-GF)**
Chair(s): Madhavi PILLAI

09:00 A Battle Well Prepared Is Half Won; Pre Op Evaluation, Intra Op Measures to Prevent Failure
Ramakrishnan RENGAPPA

09:12 "Catch It Early" - Role of As OCT in Failing Bleb & Future of OCT Angiography
Madhavi PILLAI

09:24 Early Interventions – Ocular Massage, Suturolysis, Add On Injections of MMC/5FU- When & How?
Nimrita NAGDEV

09:36 Time to Needle!!! Techniques of Bleb Needling Including Ab Interno Needling
Amit PORWAL

09:48 Repeat Trabeculectomy and Post Resurrection Bleb Care
Devendra MAHESHWARI

Ocular Oncology and Pathology

A to Z of Ocular Surface Tumours for General Ophthalmologists

09:00 - 10:30 **Venue: Kintamani 3 (BNDCC1-MF)**
Chair(s): Anasua KAPOOR

09:00 The Clinical Masquerades of Ocular Surface Tumors: A Case-Based Discussion
Anasua KAPOOR

09:12 Conjunctival Lymphoma: Diagnosis and Management
Tarjani DAVE

09:24 Tips and Tricks of Managing OSSN
Suryasnata RATH

09:36 Pigmented Conjunctival Tumors- the Good Bad and the Ugly
S KALIKI

09:48 Imaging in Ocular Surface Tumors
Sanjana MOLUGU

Orbital and Oculoplastic Surgery

Orbital Vascular Anomalies - Management Update

11:00 - 12:30 **Venue: Uluwatu 7 (BNDCC1-GF)**
Chair(s): Golam HAIDER

11:00 Meeting the Challenges in Management of Orbital Vascular Malformation
Golam HAIDER

11:10 Oral Propranolol in Infantile Orbital and Periocular Capillary Haemangioma
Riffat RASHID

11:20 Diagnostic Role of imaging in Orbital Vascular lesions
Hunter YUEN

11:30 Tips and Tricks for Surgical Management of Orbital Low Flow Venous Malformation
Rwituja THOMAS

11:40 Clinical Evaluation and ISSVA Classification of Orbital Vascular Tumour
Syed KADIR

Pediatric Ophthalmology and Strabismus

Practical Management of Thyroid Eye Disease (TED)

09:00 - 10:30 **Venue: Uluwatu 7 (BNDCC1-GF)**

Chair(s): Manjushree BHATE

- 09:00 Introduction/Overview and Interesting Cases in TED
Manjushree BHATE
- 09:04 Management of Orbit in TED
Morgan YANG
- 09:16 Strabismus Surgery in Thyroid Eye Disease - When, What & How?
Shuan DAI
- 09:28 Eyelid Management in TED
Milind NAIK
- 09:40 New Modalities in TED Management
Yvonne CHUNG
- 09:52 Discussion
Manjushree BHATE

FEB
23,
2024
(FRI)

Cataract

Cataract Surgery in Previously Operated Complex Eyes: A Video-assisted Course

14:30 - 16:00 **Venue: Kintamani 7 (BNDCC1-MF)**

Chair(s): Gaurav LUTHRA

- 14:30 Phaco in Vitrectomized and Silicon Oil/ Gas Filled Eyes/Cataract Surgery in Eyes With Previously Aborted Cataract Surgery
Gaurav LUTHRA
- 14:46 Phaco in Post Trabeculectomy / Seton Surgery Eyes
Namrata SHARMA
- 14:52 Cataract Surgery in Post Radial Keratotomy Eyes
Mahipal SACHDEV
- 15:00 Cataract Surgery in Post PK/ DSEK eyes
Rishi SWARUP

- 15:08 Cataract Surgery in Eyes With Previous Ocular Trauma Surgery
Jeewan TITIYAL

Neuro-Ophthalmology

A Patient with Diplopia: A Case-based Approach

11:00 - 12:30 **Venue: Kintamani 5 (BNDCC1-MF)**

Chair(s): Rashmin GANDHI

- 11:00 Horizontal Diplopia
Rohit SAXENA
- 11:12 Vertical Diplopia
Clare FRASER
- 11:24 Diplopia With Ptosis
Rashmin GANDHI
- 11:36 Diplopia With Vision Loss
Ambika SELVAKUMAR
- 11:48 Diplopia With Red Eyes
Prem SUBRAMANIAN
- 12:00 Challenging Cases
Manjushree BHATE

Ocular Oncology and Pathology

Retinoblastoma 2024 - They Live and See

09:00 - 10:30 **Venue: Kintamani 3 (BNDCC1-MF)**

Chair(s): Santosh HONAVAR

- 09:00 Intraocular Seeds in Retinoblastoma
Santosh HONAVAR
- 09:20 Enucleation and Post-enucleation Protocol
Santosh HONAVAR
- 09:30 Classification and Management of Orbital Retinoblastoma
Fairooz Puthiyapurayil MANJANDAVIDA
- 09:40 Comprehensive Evaluation of a Child with Retinoblastoma, and Grouping and Staging
Rolika BANSAL
- 09:50 Pseudoretinoblastomas - An Overview
Mrittika SEN
- 10:00 Intravenous and Intraarterial Chemotherapy and Focal Therapy in Retinoblastoma - An Overview
Carol SHIELDS

Ocular Surface Tumors: Comprehensive Insights and Management Strategies

11:00 - 12:30 **Venue: Kintamani 3 (BNDCC1-MF)**
Chair(s): Geetha IYER

- 11:00 1
Anshu ARUNDHATI
- 11:12 2
Geetha IYER
- 11:24 3
Swathi KALIKA
- 11:36 4
Santosh HONAVAR
- 11:48 5
Bhaskar SRINIVASAN

Surgical Resection of Large Choroidal Melanoma

16:30 - 18:00 **Venue: Kintamani 3 (BNDCC1-MF)**
Chair(s): Jianhong LIANG

- 16:30 Epidemiology, Treatment Methods and Indications of Uveal Melanoma
Xiaoxin LI
- 16:50 Brachytherapy for UM
Xiaoxin LI
- 17:00 Surgical Resection for Large Tumors of UM
Jianhong LIANG

Ocular Trauma

Expert Guided Approach to Ocular Trauma

11:00 - 12:30 **Venue: Mengwi 3,5 (BNDCC2-GF)**
Chair(s): Mehul SHAH

- 11:00 Post Trauma Endophthalmitis
Mehul SHAH
- 11:08 Management of EOM Injuries
Shreya SHAH
- 11:16 IGATES
Rupesh AGRAWAL
- 11:24 Management of Complex Periocular Trauma
Ashok GROVER
- 11:32 Intraocular Foreign Body: Localization and Retrieval?/ OGI Management
S NATARAJAN
- 11:40 Management of Traumatic Cataracts
Purendra BHASIN

The Trauma Series: Management of Eyelid, Orbit and Lacrimal Injuries

16:30 - 18:00 **Venue: Uluwatu 6 (BNDCC1-GF)**
Chair(s): Ashok GROVER

- 16:30 Treating Secondary Traumatic Eyelid Deformities
Ashok GROVER
- 16:50 Assessment of Adnexal Injuries
Rwituja THOMAS
- 16:58 Management of Eyelid Trauma
Shaloo BAGEJA
- 17:08 Canalicular and Lacrimal Trauma
Muhammad MOIN
- 17:18 Orbital Fractures – Imaging and Classification Management
Gangadhara SUNDAR
- 17:30 Advances in Orbital Fracture Management and Patient Specific Implants
Ashok GROVER

Orbital and Oculoplastic Surgery

Lower Eyelid Blepharoplasty- Techniques and Challenges

09:00 - 10:30 **Venue: Uluwatu 7 (BNDCC1-GF)**
Chair(s): Vanessa MANSURALI

- 09:00 Transcutaneous Lower Eyelid Blepharoplasty
Vanessa MANSURALI
- 09:10 Applied Anatomy and Pathophysiology of the Lower Eyelid
Siow Wei TAN
- 09:20 Transconjunctival Lower Eyelid Blepharoplasty
Stephanie YOUNG
- 09:30 Practical Tips and Pearls for Lower Eyelid Rejuvenation
Milind NAIK
- 09:40 Postoperative Care and Patient Satisfaction
Richard ALLEN
- 09:50 Lower Eyelid Blepharoplasty Complications and Their Management
Choo TECK

Oculofacial Aesthetics: Non-Surgical Periocular Rejuvenation

14:30 - 16:00 **Venue: Uluwatu 7 (BNDCC1-GF)**
Chair(s): Stephanie YOUNG

- 14:30 Non-surgical Combination Treatment Approaches to Periocular Rejuvenation
Stephanie YOUNG
- 14:40 Botulinum Toxin for Periocular Rejuvenation
Akshay NAIR
- 14:50 Dermal Fillers for Periocular Rejuvenation
Alice Siew Ching GOH
- 15:00 Filler Complications – Prevention, Identification and Management
Sunny SHEN
- 15:10 Energy Based Devices (Lasers/ Radiofrequency etc) for Periocular Rejuvenation
Shubhra GOEL
- 15:20 Platelet-Rich Plasma (Prp) Therapy for Periocular Rejuvenation
Kasturi BHATTACHARJEE

FEB
24,
2024
(SAT)

Cataract

IOL Fixation Tehcniques

- 16:30 - 18:00 **Venue: Kintamani 6 (BNDCC1-MF)**
Chair(s): Mohan RAJAN
- 16:30 PCR Ten Commandments
Mohan RAJAN
- 16:42 Glude IOL – Tips And Tricks
Sujatha MOHAN
- 16:54 Sutured Scleral Fixation and Management of Subluxated IOLs
Soon-phaiik CHEE
- 17:06 Double Needle Technique – Pearls and Pitfalls
Shin YAMANE
- 17:18 IRIS Claw And CM T Flex IOL
Nivean MADHIVANAN

Cornea, Dry Eyes, External Eye Diseases and Eye Banking

Video-based Surgical Pearls In Cornea -From Surface to Endothelium

09:00 - 10:30 **Venue: Mengwi 6,7,8 (BNDCC2-GF)**
Chair(s): Shweta AGARWAL

- 09:00 1
Geetha IYER
- 09:15 2
Shweta AGARWAL
- 09:30 3
Rajesh FOGLA
- 09:45 4
Rishi SWARUP
- 10:00 5
Bhaskar SRINIVASAN

Keratoprosthesis Surgery: The Routine and The Complex

11:00 - 12:30 **Venue: Mengwi 3,5 (BNDCC2-GF)**
Chair(s): Geetha IYER

- 11:00 1
Shweta AGARWAL
- 11:12 2
Rajesh FOGLA
- 11:24 3
Bhaskar SRINIVASAN
- 11:36 4
Geetha IYER
- 11:48 5
Jodhbir MEHTA

How Do Current Perspectives Alter Management Strategies of Keratoconus

14:30 - 16:00 **Venue: Mengwi 6,7,8 (BNDCC2-GF)**
Chair(s): Murugesan VANATHI

- 14:30 Concerns in Management of Keratoconus and New Approaches
Murugesan VANATHI
- 14:45 Collagen Crosslinking: Evidence Based Learning
Radhika TANDON
- 14:55 Pediatric Collagen Crosslinking: Practical Questions Answered
Shweta AGARWAL

- 15:05 Corneal Hydrops – What Helps As Better Strategy for Early Outcome
Sunita CHAURASIA
- 15:15 Keratoplasty Interventions in Keratoconus
Ray MANOTOSH
- 15:25 Research Trends in Keratoconus
Stephanie WATSON

Ophthalmic Epidemiology and Prevention of Blindness

A Focus on the Role of Sex and Gender in Eye Health

- 11:00 - 12:30 **Venue: Mengwi 1,2 (BNDCC2-GF)**
Chair(s): Grace SUN
- 11:00 The Burden of Cataract Blindness in Women
Wanjiku MATHENGE
- 11:10 Innovations in Thyroid Eye Disease
Erin SHRIVER
- 11:20 Updates in Dry Eye Treatment
Fasika WORETA
- 11:30 Neuro-Ophthalmic Disease in Women
Carmen CHAN
- 11:40 Gender Equity and Representation in Ophthalmology
Helen DANESH-MEYER
- 11:50 Updates in the Treatment and Management of AMD
Rinku PAUL

Orbital and Oculoplastic Surgery

Oops in Ophthalmic Plastic Surgery: Managing Complications of Common Surgeries in Ophthalmic Plastics

- 09:00 - 10:30 **Venue: Kintamani 5 (BNDCC1-MF)**
Chair(s): Tarjani DAVE
- 09:00 Its All About the Base: Tackling Implant Migration, Exposure and Extrusion
Tarjani DAVE
- 09:12 Eyelid Lift and Repair: End Your Despair
Michael YOON
- 09:24 Drip, Drop, Drip, Drop, This Clock Must Be Stopped: Revision DCR
Ho-seok SA

- 09:36 Tricky Cases in Finicky Faces: Managing Complications of Upper Eyelid Blepharoplasty
Hunter YUEN
- 09:48 From Badly Hit to Fighting Fit: Navigating Sub-optimal Orbito-Facial Reconstructions
Raghuraj HEGDE
- 10:00 Tame the Flame: Managing Recurrence of Surface, Eyelid and Orbital Tumors
Santosh HONAVAR

Uncommon Solutions for Common Problems in Oculofacial Surgery

- 11:00 - 12:30 **Venue: Kintamani 7 (BNDCC1-MF)**
Chair(s): Kenneth MORGENSTERN
- 11:00 TBC
Kenneth MORGENSTERN
- 11:12 Adjustable internal Ptosis
Ann TRAN
- 11:24 Tarsal Ectropion With Ptosis Clamp
Pete SETABUTR
- 11:36 Tissue Expanders for Eyelid Skin Deficiency
Andrew RONG
- 11:48 Ateral Tarsal Conjunctival Onlay Flap
Jeremiah TAO
- 12:00 Uncommon Sites for Soft Tissue Filler
Cat BURKAT, MD FACS

Anomalies of the Anophthalmic Socket - A Logarithmic Approach to Management

- 16:30 - 18:00 **Venue: Uluwatu 7 (BNDCC1-GF)**
Chair(s): Golam HAIDER
- 16:30 Management of Surface Anomalies Including Contracted Socket
Golam HAIDER
- 16:45 Tackling Volume Loss and Implant Related Problems
Rohit SAIJU
- 16:55 Etiopathogenesis and Assessment of Socket Anomalies
Mukti Rani MITRA
- 17:05 A Logarithmic Approach to Management
Ashok GROVER
- 17:20 Role of Ocularist-Non Conventional Methods
Sachin GUPTA

Retina (Medical)

An Introduction to Inherited Retina Diseases, Genetic Testing and Current Gene-based Treatment Strategies

14:30 - 16:00 **Venue: Kintamani 7 (BNDCC1-MF)**
Chair(s): Daniel **CHUNG**

14:30 Update on Retinal Gene Therapy
Daniel **CHUNG**

14:45 Genetic testing in Asia Pacific
Choi Mun **CHAN**

15:00 Research for Inherited Retinal Diseases
Robyn **JAMIESON**

15:15 Overview of Inherited Retinal Disease
John **GRIGG**

FEB
25,
2024
(SUN)

Cataract

Transitioning to Complex Anterior Segment Surgery for General Ophthalmologists

09:00 - 10:30 **Venue: Mengwi 6,7,8 (BNDCC2-GF)**
Chair(s): Zain **KHATIB**

09:00 Developing Skills in Complex Anterior Segment Surgeries: Case Scenarios
Zain **KHATIB**

09:10 Secondary IOLs: Case Selection and Surgical Techniques for Beginners
Tanvi **HALDIPURKAR**

09:20 Iris Suturing Made Easy
Sahas **HALDIPURKAR**

09:30 Tips and Tricks for Easy Capsular Bag Stabilization During Phaco
Aarti **HEDA**

09:40 Getting Comfortable With Pupil Expansion Devices
Aditya **SETHI**

Brown Black and White Cataract

11:00 - 12:30 **Venue: Kintamani 2 (BNDCC1-MF)**
Chair(s): Sujatha **MOHAN**

11:00 Small Pupil in Hard Cataracts
Sujatha **MOHAN**

11:12 Management of Hard Cataract Using Femto
Mohan **RAJAN**

11:24 Management of Subluxated Hard Cataracts
Soon-phaik **CHEE**

11:36 My Techniques and How I Manage Hard Cataracts
Soosan **JACOB**

11:48 White Cataract – Types and Style
Nivean **MADHIVANAN**

Ocular Trauma

Beyond the Eye: Navigating Orbito-Facial Trauma

09:00 - 10:30 **Venue: Mengwi 3,5 (BNDCC2-GF)**
Chair(s): Raghuraj **HEGDE**

09:00 PEEK Into the Future: Patient Specific Implants (PSIs)- Latest in Orbito-Facial Reconstruction
Raghuraj **HEGDE**

09:15 Applied Anatomy in Ophthalmic Trauma
Prerana **KANSAKAR**

09:25 Approach Soft Tissue Injuries - Papercuts to Deep Cuts
Akshay **NAIR**

09:37 Imaging in Orbito-Facial Trauma - Basic to Cutting Edge
Gangadhara **SUNDAR**

09:49 Orbital Blowout Fractures - Past, Present and the Future
Shruthi Tara Vasudev **SHRUTHI**

09:59 Multi-Disciplinary Management in Facial Poly-Trauma- How More is better!
Tarjani **DAVE**

Orbital and Oculoplastic Surgery

Sculpting Elegance: An Ophthalmologist's Approach to Periocular Aesthetic Surgery

09:00 - 10:30 **Venue: Uluwatu 7 (BNDCC1-GF)**
Chair(s): Kasturi **BHATTACHARJEE**

09:00 Fat Grafts and Flaps in Periocular Aesthetic Surgery
Kasturi **BHATTACHARJEE**

- 09:16 Upper Lid Blepharoplasty for Aesthetic Indication
Yvette Marie SANTIAGO
- 09:30 Upper Lid Blepharoplasty for Functional Indication
Komal SAWARKAR
- 09:40 Surgical Correction of Brow Ptosis
Dongmei LI
- 09:54 Current Technique and Nuances in Aesthetic Lower Blepharoplasty
Audrey LOOI
- 10:08 Lower lid Blepharoplasty for Functional Indication
Deepak SONI

Pediatric Ophthalmology and Strabismus

Simplifying Strabismus: Managing Basic to Complex Cases

09:00 - 10:30 **Venue: Mengwi 1,2 (BNDCC2-GF)**
Chair(s): Rohit SAXENA

- 09:00 Case Based Approach to III Nerve Palsy
Rohit SAXENA
- 09:20 How to Approach Esotropia
Asmita MAHAJAN
- 09:30 IDS: Management Decisions
Digvijay SINGH
- 09:40 VI Nerve Palsy: Update
Rebika DHIMAN
- 09:50 Duane's Retraction Syndrome: Customized Surgical Approach
Himani THAKUR
- 10:00 Strabismus Surgery: VAST
Rohit SAXENA

Strabismus Problems: Lessons Learned From Difficult Cases

11:00 - 12:30 **Venue: Kintamani 7 (BNDCC1-MF)**
Chair(s): Andrea MOLINARI

- 11:00 Introduction/Case Presentation
Andrea MOLINARI
- 11:15 Case Presentation
Chong-bin TSAI
- 11:25 Case Presentation
Giovanni MARCON

- 11:35 Case Presentation
Donny SUH

- 11:45 Case Presentation
Victoria BALASANYAN

Refractive Surgery

Path to Consistent Results in Phakic IOLs

09:00 - 10:30 **Venue: Kintamani 7 (BNDCC1-MF)**
Chair(s): Swapna NAIR

- 09:00 Decisive Factors in Long Term Stable Outcomes Management of Phakic IOL Complications
Swapna NAIR
- 09:30 Perfecting the Post Operative Vault
Rajesh SINHA
- 09:45 Phakic IOLs: a Panache for Keratoconus
Bhaskar SRINIVASAN

FREE PAPERS



AI, Digital Innovation and Virtual Health

Rapid Fire AI, Digital Innovation and Virtual Health Update Session (1)

11:00 - 12:30 **Venue: Uluwatu 2 (BNDCC1-GF)**
Chair(s): Kevin CHAN, Sophia WANG

- 11:00 Mapping the Burden of Visual Impairment Due to Onchocerciasis Infection in Middle Africa From 1990 to 2019
Xiaoe FAN
- 11:06 High-Precision Diagnosis of Mild Non-proliferative Diabetic Retinopathy Combining Morphological and Functional Retinal Vascular Characteristics
Peng XIAO
- 11:12 Retinal Age Gap as A Novel Biomarker of Ageing
Lisa ZHU
- 11:18 Development of Artificial Intelligence to Determine Corneal Diameter Using Anterior Segment Images
Eisuke SHIMIZU
- 11:24 Multi fundus Disease Identifying and Report Generating System using Temporal Information
Wenjia CAI
- 11:30 Efficacy of a Tablet-Based Write-On Examination System for Metamorphopsia Quantification
Hisashi FUKUYAMA
- 11:36 A Large-Language-Model based on ChatGPT Trained with Peer-Reviewed Literature
Tiffany HU

- 11:42 Evaluating Popular Large Language Model Chatbots for Common Ocular Symptom Queries: Accuracy, Comprehensiveness, and Self-Awareness in ChatGPTs and Google Bard
Krithi PUSHPANATHAN
- 11:48 Retinal Photo-Based Deep Imbalanced Regression Model for Prediction of Refractive Error
Samantha YEW
- 11:54 Comparative Study of Visual Fields Obtained From Virtual Reality Perimeter and Humphrey's Field Analyzer
Vinita RAMNANI
- 12:00 Validation of the Self-vision (SELFVIS) Check Mobile Apps as an Independent Visual Acuity Measurement Tool.
Felicia WIDYAPUTRI
- 12:06 Enhancing Vitrectomy Procedural Coding Accuracy with Artificial Intelligence
Yong Min LEE
- 12:12 Prediction Models for Glaucoma in a Multicenter Electronic Health Records Consortium: The Sight Outcomes Research Collaborative
Sophia WANG
- 12:18 The Development and Clinical Evaluation of Virtual Reality-Based Online Optical Clinic
Ziting HUANG

Glaucoma

Rapid Fire Glaucoma Update Session (2)

11:00 - 12:30 **Venue: Mengwi 3,5 (BNDCC2-GF)**
Chair(s): Robert ANG, Yuanbo LIANG, Masaki TANITO

- 11:00 High Myopia Normative Database of Peripapillary Retinal Nerve Fiber Layer Thickness to Detect Myopic Glaucoma in Chinese Population
Yunhe SONG
- 11:05 Efficacy and Safety of the PRESERFLO MicroShunt in High and Normal Pressure Open-Angle Glaucoma After 1 Year
Karin PILLUNAT

- 11:10 Intraocular Pressure Control, Bleb Morphology and Adverse Effects After Trabeculectomy With Adjunctive Use of Mitomycin – C and Bevacizumab
Pir Salim MAHAR
- 11:15 Comparative Study on the Performance of a Smarter, User-friendly, Portable and Reliable Automated (Supra) Perimetry Device to the Humphrey Visual Field Perimetry
Dayna YONG
- 11:20 One-Year Post-market Surveillance of iStent Inject® W Combined With Phacoemulsification in Japanese Eyes With Open-Angle Glaucoma
Masaru INATANI
- 11:25 Flow Characteristics Measurement of Ahmed Glaucoma Valve With Infusion Pump System
Masaki TANITO
- 11:30 Transcriptomic Analysis of TGFβ1-Mediated Fibrosis in Primary Human Tenon's Fibroblasts
Antony BOYNES
- 11:35 Rates of Change of Visual Field Sensitivity in Patients With Glaucoma in Asia – A Pilot Report From the Asian Glaucoma Registry
Robert ANG
- 11:40 Comparison of Repeatability of Photopic Negative Response Using Portable Electroretinogram in Glaucoma and Non-glaucoma Patients
Seungsoo RHO
- 11:45 Five-Year Cost Comparison of iStent Inject® W Versus Trabeculectomy: An Analysis From the Filipino Open-Angle Glaucoma Patients' Perspective
Jose Maria MARTINEZ
- 11:50 Myopic Shift Induced by Omidenepag Isopropyl 0.002% in Patients With Primary Open-Angle Glaucoma
Jin-soo KIM
- 11:55 Clinical Characteristics and Potential Correlations of Posner-Schlossman Syndrome Patients in China
Weijia ZHANG
- 12:00 Natural History and Risk Factors for Glaucoma Progression in Chinese Patients With Normal Tension Glaucoma
Yuanbo LIANG
- 12:05 Safety and Efficacy of Netarsudil Solution in Primary Open-Angle Glaucoma or Ocular Hypertension
Makoto AIHARA
- 12:10 Optic Nerve Subarachnoid Space Appearance on Myopic and Glaucomatous Optic Discs
Arya PRADIPTA
- 12:15 Wenzhou Glaucoma Progression Study (WGPS): Association Between Longitudinal Change of Peripapillary Capillary Vessel Density and Glaucoma Progression
De-fu CHEN
- 12:20 24-Month Prospective Randomized Comparison of Penetrating Canaloplasty Versus Trabeculectomy in Primary Angle-Closure Glaucoma
Yuanbo LIANG

Myopia

Rapid Fire Myopia Update Session

- 11:00 - 12:30 **Venue: Uluwatu 4 (BNDCC1-GF)**
Chair(s): Anil GANGWE, Surendran SUNDARARAJAN, Wei ZHANG
- 11:00 Form-Deprivation Myopia Promotes Sclera M2-type Macrophages Inflation in Mice
Bingru ZHENG
- 11:04 A Strategy Study on the Step Increase of the Concentration of Low-Dose Atropine Treatment for Controlling Myopia Progression
Shifei WEI
- 11:08 Axial Length and Choriocapillaris Flow Deficits in Non-pathological High Myopia
Kangjie KONG
- 11:12 Global Ocular Deformation in Pathologic Myopia
Shida CHEN
- 11:16 A Novel Artificial Intelligence-Based Classification of Highly Myopic Eyes Based on Visual Function and Fundus Features
Xiangjia ZHU
- 11:20 Relationship Between Flicker Modulation Sensitivity and Axial Length in Myopic Subjects
Shaoying TAN
- 11:24 Safety of 0.01% Atropine Eye Drops in Chinese Children and Adolescents With Myopia: A Real-world Study
Lei GUO
- 11:28 Physiological Growth of Axial Length in Myopic Children: A 6-Year Cohort Study
Yanxian CHEN

- 11:32 Evaluating Efficacy and Associated Rebound With Atropine 0.01% in Preventing Myopia Progression Among School-Aged Indian Children
Vinay GUPTA
- 11:36 Can We Really Distinguish ‘Non-responders’ to Myopia Control Interventions?
Monica JONG
- 11:40 Prediction of 3-Year Axial Elongation and Refractive Progression Among Myopes From 1-Year Data: A Meta-analysis
Monica JONG
- 11:44 Impact of 0.01% Low-Dose Atropine on Ocular Biometric Parameters Particularly Crystalline Lens Power in Children With Progressive Myopia
Vinay GUPTA
- 11:48 Refractive Errors in Adolescents With Varying Degrees of Internet Addiction
Elina SHAYKHUTDINOVA
- 11:52 The Effect of Dual-Focus Soft Contact Lenses on Peripheral Refraction
Ji KOU
- 11:56 Repeated Low-level Red-light Therapy Combined With Orthokeratology for Myopia Control in Children With Poor Response to Orthokeratology: A Multicenter Randomized Controlled Trial
Mingguang HE
- 12:00 Influence of Parental Myopia on Childhood Myopia Progression: The Hong Kong Children Eye Study
Yuzhou ZHANG
- 12:04 Education Effect on Myopia Prevalence in Children From Kindergarten to Primary School: The Hong Kong Children Eye Study
Yuzhou ZHANG
- 12:08 Prospective Study on Binocular Imbalance as a Potential Indicator of Myopia Development Using a Virtual Reality Platform
Tao ZHENGYANG
- 12:12 Clinical Predictors of Progression in a Singaporean Cohort of Highly Myopic Adults
Xavier CHAN
- 12:16 the efficacy and safety of orthokeratology, 0.04% atropine, and 0.01% atropine on myopia control
Jianfeng ZHU

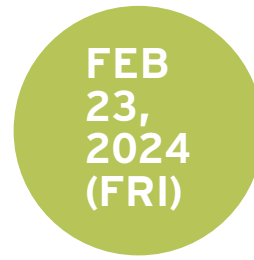
- 12:20 Proteomics approach to research the mechanism of effect of atropine in the therapy of myopia in guinea pigs
Jianfeng ZHU

Retina (Medical)

Rapid Fire Retina (Medical) Update Session (3)

- 11:00 - 12:30 **Venue: Mengwi 1,2 (BNDCC2-GF)**
Chair(s): Andrew CHANG, Simon SZETO, Tien-yin WONG
- 11:00 Faricimab Treatment Outcomes With Extended Dosing and Potential for Q20W Intervals in DME: A Post Hoc Analysis of the Phase 3 YOSEMITE/RHINE Trials
Andrew CHANG
- 11:04 Biomarkers for Vascular Stability Demonstrate the Benefit of Dual Ang-2/ VEGF-A Inhibition With Faricimab in Phase 3 Trials in DME
Simon SZETO
- 11:08 Efficacy, Durability and Safety of Faricimab in nAMD: 48-Week Results From the China Subpopulation of Phase 3 LUCERNE
Youxin CHEN
- 11:12 Efficacy, Durability and Safety of Faricimab in DME: 1-Year Results From China Subpopulation of Phase 3 RHINE Trial
Xiaorong LI
- 11:16 OCT Features in Patients Switching to Brolucizumab With Recalcitrant Aged Related Macular Degeneration
Christopher GO
- 11:20 Intravitreal Anti-Vascular Endothelial Growth Factor (VEGF) Injection Practices Among Indonesian Vitreoretinal Specialist : A Real-World Survey
Andrea SILITONGA
- 11:24 Aflibercept 8 mg for Diabetic Macular Edema: 96-Week Results From the Phase 2/3 PHOTON Trial
Tien-yin WONG
- 11:28 Extended Interval Treatment Outcomes and the Potential for Q20W Dosing for the Treatment of Neovascular Age-Related Macular Degeneration With Faricimab: A Post Hoc Analysis of the TENAYA/LUCERNE Trials
Anna TAN

- 11:32 Hydrogen Sulfide (H₂S) as a Potential Biomarker in Diabetic Retinopathy: A Comparative Analysis With Vascular Endothelial Growth Factor (VEGF) and Their Correlation With Systemic Factors
Manabjyoti BARMAN
- 11:36 Single Nucleotide Polymorphism in RAGE Gene: A Paradigm Shift in Causation of Diabetic Retinopathy.
Pragya AHUJA
- 11:40 Clinical Profile and Demographic Distribution of Branch Retinal Vein Occlusion: An Electronic Medical Record-Driven Big Data Analytics From a Multitier Eye Care Network
David AGGARWAL
- 11:44 Clinical Outcome of Intracystic Hyperreflective Material and Its Association With OCT Markers and Metabolic Parameters in Centre Involving Diabetic Macular Oedema.
Sandeep KUMAR
- 11:48 Anatomical and Functional Outcome of Single Low Dose Suprachoroidal Triamcinolone Acetonide in Macular Edema Secondary to Non-infectious Uveitis
Abhishek ANAND
- 11:52 Ocular Morbidity in Patients With Diabetes Mellitus
Kabina SHRESTHA
- 11:56 Prediction of Vitreomacular Traction Syndrome Outcomes With Deep Learning: A Pilot Study
Eiman USMANI
- 12:00 Evaluation of CASPASE-3 and VEGF Expression in Retinopathy and Nephropathy Diabetic Rats: An Experimental Study
Fadhlullah LATAMA
- 12:04 Comparison of Different Topical Anaesthetics for Intravitreal Injections: A Randomised Crossover Clinical Trial
Jeffrey LO



Academia, Research, Teaching and Education in Ophthalmology

Rapid Fire Academia, Research, Teaching and Education in Ophthalmology & Visual Sciences Update Session

09:00 - 10:30 **Venue: Uluwatu 2 (BNDCC1-GF)**
Chair(s): John PRAKASH, Bi Ning ZHANG

- 09:00 What Do Retina Fellows-in-Training Think About the Vitreoretinal Surgical Simulator: A Multicenter Survey
Aditya KELKAR
- 09:06 First Study: Frugal Innovative ROP(Retinopathy of Prematurity) Screening and Teaching Technique
Prithvi CHANDRAKANTH
- 09:12 High Concentrations of Bac and Il-6 Reduce Corneal Perception in Mice
Yukako TAKETANI
- 09:18 Ophthalmology Residents' Perception of the Learning Environment: An Evaluation Using DREEM
Muhammad IRFAN
- 09:24 Bringing Innovation Into Focus: Solving Ophthalmic Challenges Through Hackathons
Akshay WAGH
- 09:30 Farra Eye Model as a Surgical Simulator for Capsulorhexis Training: A Validation Study
Hanifah NURSANTI
- 09:36 A Keen Eye on Ophthalmology: Impact of Social Media among Ophthalmologists
Saloni JOSHI
- 09:42 Revolutionising Surgical Training: Integrating GoPro Video Recording and Facebook Live Streaming as Catalysts for Novice Resident Skill Enhancement
Megha NAIR
- 09:48 Ophthalmology Resident's Satisfaction Towards Cataract Surgical Learning, Mixed Study Research
Syska WIDYAWATI

- 09:54 Effect of Black Cumin Oil Supplementation in Improving Ocular Tissue Histology Damage in Ethambutol-Induced Mice: An Experimental Study
Itzar ISLAM
- 10:00 RAD21 Deficiency Leads to Improper Neural Crest Migration and Corneal Keratocyte Differentiation
Bi Ning ZHANG
- 10:06 Cortical and Sub-cortical Reorganization of Cerebral Networks Induced by Congenital Monocular Blindness: A Combined DTI and fMRI Study
Jingwen DING
- 10:12 Utilizing Neuro-Ophthalmology Outpatient Cases as a Pathway for Fostering Interprofessional Learning among Residents in Teaching Hospitals
Doni WIDYANDANA
- 16:55 Retropupillary Iris Claw Lens Implantation as a Primary Procedure: A Prospective Study
Ruchi SAMUEL
- 17:00 Correlation of Angle Kappa on Visual Outcomes of EDOF IOLs
Suzie NEMMERS
- 17:05 PCO Ring – A Novel Device to Prevent Posterior Capsule Opacification and Enhance Toric IOL Stability
Prabhakar G V
- 17:10 Innovative Custom-Made AC-IOL for Aphakia - Case Study
Omid KERMANI
- 17:15 Antibiotic Prophylaxis for Cataract Surgery – Practice Patterns Amongst Indian Ophthalmologists.
Aditya KELKAR

Cataract

Rapid Fire Cataract Update Session (1)

16:30 - 18:00 **Venue: Uluwatu 7 (BNDCC1-GF)**
Chair(s): Taraprasad DAS, Muhammad SYAUQIE

- 16:30 Safety and Efficacy of Intraocular Lens Implantation on Inadequate Capsular Support Cases at a Tertiary Referral Center in Indonesia
Gladys KUSUMOWIDAGDO
- 16:35 Comparison of Central Foveal Thickness (CFT), Best Corrected Visual Acuity (BCVA) and Cystoid Macular Edema (CME) after Uneventful Cataract Surgery Among Normal and Diabetic Patients Without Retinopathy Using SD OCT
Aakanksha RAGHUVANSHI
- 16:40 Patients' Characteristics on Influencing Cataract Referral Status
Kah AW
- 16:45 Rotational Stability, Visual Functional and Refractive Outcomes of Toric Intraocular Lens Implantation Following Phacoemulsification Without Ophthalmic Viscosurgical Devices – A Comparative Study.
Sandip SARKAR
- 16:50 Design and Validation of Endophthalmitis Infectivity Measurement Algorithm for Post-cataract Endophthalmitis
Taraprasad DAS
- 17:20 Injectable PEGDA-HAMA Hydrogel As In-Situ Curable Accommodating Intraocular Lens
Shuo JIA
- 17:25 Influence of Pupil Dilation on Ocular Parameters and Its Impact on Various Intraocular Lens Power Calculation Formulae
Ankur SHRIVASTAVA
- 17:30 Improvement in Quality of Sleep and Life After Phacoemulsification Surgery on Senile Cataract Patients
Muhammad SYAUQIE
- 17:35 Comparison Between Two-Hole-Assisted-Phaco-Chop and Stop-and-Chop Techniques for Nuclear Disassembly in Residents' Cataract Surgery.
Rehan NAQAISH
- 17:40 Outcomes of Cataract Surgery in Colobomatous Eyes – Safety, Outcomes and Role of Pupilloplasty
Dr Isha AGARWALLA

Cornea, Dry Eyes, External Eye Diseases and Eye Banking

Rapid Fire Cornea, Dry Eyes, External Eye Diseases and Eye Banking Update Session (1)

16:30 - 18:00 **Venue: Mengwi 1,2 (BNDCC2-GF)**
Chair(s): Meenu CHAUDHARY, Shigeru KINOSHITA

- 16:30 Clinical and Patient Reported Outcomes of AirOptix Bandage Contact Lenses on Post-cataract Surgery Patients Who Have Preoperative Mild-to-Moderate Dry Eye Disease
Guangbin ZHANG
- 16:35 Ring Infiltrates and Their Outcomes in Pythium Keratitis
Amanjot KAUR
- 16:40 Allo-Primed Effector T Cells Promote Fibrosis in Corneal Transplantation Failure
Shudan WANG
- 16:45 Study on Assessment of Dry Eye Disease Amongst Health Professionals
Atul KAMATH
- 16:50 Endophthalmitis After Keratoprosthesis -the Chinese People's Liberation Army General Hospital Experience
Yu-qi WANG
- 16:55 Activation of $\alpha 2B/2C$ Adrenergic Receptor Ameliorates Ocular Surface Inflammation Through Enhancing Regulatory T Cell Function
Nai-wen FAN
- 17:00 Dry Eye Disease After Pars Plana Vitrectomy and/or Scleral Buckling in a Philippine Tertiary Government Hospital: A Pilot Study
Leonore IGUBAN
- 17:05 The True Costs of Keratoconus; an Economic Impact Study
Lize ANGELO
- 17:10 Therapeutic Efficacy and Safety of Intense Pulsed Light for Treatment of Meibomian Gland Dysfunction in Glaucoma Patients: A Randomized, Double-Masked Controlled Trial.
Simaporn SETTHAWONG
- 17:15 Immunisation and Corneal Transplantation Rejection: What We Learned From COVID-19
Natalie ALLEN
- 17:20 Journey of 113 Eyes With Modified Osteo-Odonto Keratoprosthesis (Mookp) Over 19 Years at a Tertiary Eye Care Centre
Shweta AGARWAL
- 17:25 Causal Relationships Between Type 2 Diabetes, Glycemic Traits and Keratoconus
Dan CHENG
- 17:30 Structural and Functional Correlation of Meibomian Gland Dysfunction in South Indian Population
Vaishnavi R IYYAPPAN
- 17:35 Clinical Profile and Outcomes of Central Microbial Keratitis in the Philippines
George Michael SOSUAN
- 17:40 The Impact of Reduced Daily Step Counts Due to the COVID-19 Pandemic on Dry Eye Disease: A Crowdsourced Cross-sectional Study
Ken NAGINO
- 17:45 Case Series Study of Intractable Corneal Epithelial Disorders After Micro Pulse Cyclophotocoagulation (MP-Cpc)
Miki HARIYA

Glaucoma

Rapid Fire Glaucoma Update Session (4)

16:30 - 18:00 **Venue: Mengwi 3,5 (BNDCC2-GF)**
Chair(s): Rahat HUSAIN, Yulinda LAKSMITA

- 16:30 Long-term Outcomes of Ciliary Sulcus Placed AGV Tube in Refractory Glaucoma's of Indian Eyes
Sai Vineeth MADDU
- 16:35 Ideal Timing for Cataract Surgery and Clinical Outcomes of Cataract Extraction in Eyes With Acute Angle Closure Attack. A Prospective Cohort Comparative Study
Pek Hwi TAN
- 16:40 Clinical Features of Vision-Related Quality of Life and Mental Health in Patients With Primary Angle-Closure Disease
Jiamiao LIU
- 16:45 Prospective Randomized Comparison of Travoprost Intraocular Implant Versus Topical Timolol in Primary Open Angle Glaucoma and Ocular Hypertension
Robert ANG
- 16:50 Modulating Transsynaptic Dopamine Signaling Promotes Optic Nerve Regeneration and Preserves Visual Function
Qi ZHANG
- 16:55 The Virna Glaucoma Implant, a Novel Glaucoma Drainage Device, for Silicone Oil-Associated Glaucoma: Good Option?
Yulinda LAKSMITA
- 17:00 Order of Magnitude (OM): Virtual Reality-Based Visual Field Examination to Detect Glaucomatous Field Loss
Tiruveedhi YASWANTH
- 17:05 Lamina Cribrosa Defects in Glaucoma and the Relationship With Nonprogressive Optic Nerve Damage
Yuan XIE

- 17:10 Ab Interno vs. Ab Externo Microcatheter-Assisted Circumferential Trabeculotomy in Treating Patients With Juvenile Open-Angle Glaucoma
Huaizhou HWANG
- 17:15 Causal Effects of Gut Microbiota on Glaucoma: A Mendelian Randomization Study
Jiahao XU
- 17:20 HDAC4 Modulates Trabecular Meshwork Cells PANoptosis Through Deacetylation Modification of Caspases in Primary Open-Angle Glaucoma
Xiaoyu ZHOU
- 17:25 Assessing the Difference and Correlation Between of RNFL Parameters in OCT for Progression in Primary Open Angle Glaucoma
Arif Kusuma WARDHANA
- 17:30 Identification of a Chromatin Regulator Signature and Potential Candidate Drugs for Primary Open-Angle Glaucoma
Xinyue ZHANG
- 17:35 Combination of Videography of Aqueous Vein and Gonioscope Predicts the GATT Results
Chen XIN
- 17:40 Surgical Outcomes of Virna Glaucoma Implant (VGI®) in Neovascular Glaucoma in Tertiary Hospital
Dinda DEVONA
- 17:45 Mendelian Randomization Implicates Metabolites Effects on Primary Open Angle Glaucoma or Intraocular Pressure
Xiaoyu ZHOU
- 16:40 Changes in Choroidal Thickness and Choroidal Vascularity Index in Post-fever Retinitis
Aditya PATIL
- 16:45 Single Center Experience of the Impact of COVID-19 Pandemic on 101 Patients with Ocular Inflammation on Immunomodulatory and Biological Therapies (SIMCO Study)
Aditya PATIL
- 16:50 The Possible Effect of Topically Applied Azithromycin and Moxifloxacin on the Alleviation of Uveitis
Soner GUVEN
- 16:55 Antiviral Treatment for Acute Retinal Necrosis: A Systematic Review and Meta-analysis
Asri RIDWAN
- 17:00 Assessment of Anxiety and Depression in Patients With Posner-Schlossman Syndrome
Chaoxu QIAN
- 17:05 Endogenous Staphylococcus Aureus Endophthalmitis: Clinical Features, Treatments, and Visual Outcomes
Kuanjen CHEN
- 17:10 Predictors of Poor Visual Outcomes In Vogt-Koyanagi-Harada Disease
Nazima ALI
- 17:15 Blau Syndrome: A Case Report from Palestine
Mohammad ABU SAFIEH
- 17:20 Clinical Presentation, Microbiology and Management Outcomes of Endogenous Endophthalmitis in 109 Newborns
Sameera NAYAK

Intraocular Inflammation, Uveitis and Scleritis

Rapid Fire Intraocular Inflammation, Uveitis and Scleritis Update Session

16:30 - 18:00 **Venue: Uluwatu 4 (BNDCC1-GF)**
Chair(s): Jyotirmay BISWAS, Dongmei LI, Ida Ayu Ary PRAMITA, Shwu-jjuan SHEU

- 16:30 Re-Examining Anterior Uveitis Through a New Lens
Matthew K KENWORTHY
- 16:35 Alteration of Oral Flora in Mongolian Patients With Behcet's Disease: A Multicentre Study
Javzandulam BALT
- 17:25 The Usefulness of Polymerase Chain Reaction Testing in Patients with Bacterial Endophthalmitis
Hikaru KITANO
- 17:30 The Predictive Value of Inflammatory Factors for the Clinical Diagnosis of Posner-Schlossman Syndrome
Fuxiao LUAN
- 17:35 Serum Angiotensin Converting Enzyme, Mantoux Test and Lymphocyte Count in the Specific Diagnosis of Ocular Sarcoidosis and Tuberculosis: How Reliable Are They in Isolation/Combined?
Harsha P
- 17:40 Varied Manifestations of Tuberculous Choroiditis and Its Differentiation From Infective Retinitis
Abhishek JAIN

17:45 Globe Salvage in Panophthalmitis: Identification of Significant Predictive Factors Using Logistic Regression and Fine-Gray Models
Meghana TANWAR

Ocular Oncology and Pathology

Rapid Fire Ocular Oncology and Pathology Update Session (2)

11:00 - 12:30 **Venue: Uluwatu 2 (BNDCC1-GF)**
Chair(s): Badri BADHU, Satoru KASE

11:00 BCL-10 Expression in Correlation With Prognostic Outcome in Ocular Adnexal B Cell Non-Hodgkin Lymphoma Patients: An Indonesian Experience
Whisnu JATMIKO

11:05 Landscape of Plasma ctDNA in Conjunctival Melanoma
Hao TIAN

11:10 IL1B-Dependant FAPa+ Cancer-Associated Fibroblasts Promote Uveal Melanoma Metastasis
Fang LI

11:15 High-Risk Histopathologic Features in Conjunctival Melanoma
Tianyu ZHU

11:20 Transcriptome Analysis of Sebaceous Carcinoma and Basal Cell Carcinoma of the Eyelid Unveils Differentially Expressed Genes and Relevant Biological Process.
Masato AKIYAMA

11:25 Profile of NF2 and SIRP α in Orbitocranial Meningioma
M.Hadri AR-RIDHO

11:30 Immune Checkpoint System: SIRP Alpha and CD47 as The Escape Plan of a Retinoblastoma Cells
Datu RESPATIKA

11:35 Role of 18-Fluorodeoxy-Glucose Positron Emission Tomography/ Computed Tomography in Uveal Melanoma: A Prospective Interventional Study
Anchal GERA

11:40 Onco-eccDNAs Boosted SUZ12 Amplicon Potentiates Cancer Progression Through Redefining Histone Modifications of KLF4
Ludi YANG

11:45 Role of Combined Systemic Chemotherapy and Periocular Topotecan in Advanced Intraocular Retinoblastoma
Antriksh WAHI

11:50 Orbital Lymphoma- Retrospective Analysis of Large Case Series
Subhav PERSHAD

11:55 Demographic Profile of Orbital Exenteration in a Tertiary Eye Care Centre in India
Sahil AGRAWAL

12:00 Multifactor Prognosticator of Uveal Melanoma Metastatic Risk
Vera YAROVAYA

12:05 Outcomes of Gamma-Knife Radiosurgery of Posterior Uveal Melanoma Unsuitable for Other Eye-Sparing Treatment: 10-Year Single Center Experience
Andrei YAROVOI

12:10 Long-term Outcomes and Complications of Local Treatment in Abcd Groups of Retinoblastoma
Andrei YAROVOI

Ophthalmic Epidemiology and Prevention of Blindness

Rapid Fire Ophthalmic Epidemiology and Prevention of Blindness Update Session

16:30 - 18:00 **Venue: Uluwatu 2 (BNDCC1-GF)**
Chair(s): Sushank BHALERAO, Lalitha SENARATH, Radhika TANDON

16:30 The Establishment and Evaluation of Nomogram for Prediction of Referable Diabetic Retinopathy Among Type 2 Diabetes Population in Shaanxi, China
Yanchun ZHANG

16:34 A Study of Various Factors Affecting Activities of Daily Living and Instrumental Activities of Daily Living in the Visually Impaired
Jung Sun HEO

16:38 Telemedicine Using Less-Expensive Camera Can Be Used as a Tool for Universal Eye Screening in Developing Countries. 3 Years Analysis of 4952 Preterm Babies
Prema SUBRAMANIAM

16:42 Assessment of Knowledge and Attitude of Cataract and Their Associated Factors Among Adults of Islamic Boarding School Neighborhood in a Rural District in Malang, Indonesia
Intan KAUTSARANI

16:46 Quality of Refractive Error Care in Cambodia, Vietnam and Pakistan.
May HO

- 16:50 Comparison of Cost Effectiveness Among Patients Undergoing Keratoplasty at Secondary Versus Tertiary Health Centre in South India.
Shalini SINGH
- 16:54 Ocular Morbidity Among the Students of Blind Schools in Allahabad and Its Vicinity: A Causal Assessment
Sushank BHALERAO
- 16:58 Awareness Generation Is the Key Factor for Early Detection of the Children Sight and Life Threatening Eye Diseases.
Soma ROY
- 17:02 Corneal Curvature and Developmental Disabilities in Special Needs Students: Is It Correlated?
Raden ADINUGROHO
- 17:06 Changing Trends in Pediatric Ocular Trauma During Covid-19 Pandemic
Rabeeah ZAFAR
- 17:10 Prevalence and Risk Factors of Glaucoma in Sri Lanka-A National Survey
Lalitha SENARATH
- 17:14 Prevalence and Risk Factors for Pterygium and Its Association With Conjunctival Ultraviolet Autofluorescence: A Multicentric Study
Radhika TANDON
- 17:18 Association Between Physical Fitness and Allergic Conjunctivitis in Youth: A Nationwide Cohort Study
Tsai-chu YEH
- 17:22 Associations of Predicted Lean Body Mass and Fat Mass With Diabetic Retinopathy in Patients With Type 2 Diabetes Mellitus
Yujie WANG
- 17:26 Situation Analysis of Cataract Blindness and Cataract Surgical Rate Targets in Indonesia
Dessy ANDRIYANA
- 17:30 Contemporary Patterns and Underlying Causes of Vitrectomy in Pediatric and Adolescent Patients: A Nationwide, Population-Based Analysis
Kunho BAE
- 17:34 Blindness in Open Angle Glaucoma Patients at a Tertiary Eye Care Center in Indonesia: Who Is at Risk?
Siti FADHILA
- 17:38 Multiple Visual Function Impairments in Older Asians: Prevalence; Health and Patient-Centered Impact
Preeti GUPTA

Pediatric Ophthalmology and Strabismus

Rapid Fire Pediatric Ophthalmology and Strabismus Update Session (2)

11:00 - 12:30 **Venue: Uluwatu 4 (BNDCC1-GF)**
Chair(s): Nor Hafizah HAMZAH, Stephanie WATSON

- 11:00 Comparing Myopic Error in Patients With Basic and Convergence Insufficiency Intermittent Exotropia in China
Qingyu MENG
- 11:04 Five-Year Outcomes of Corneal Cross-Linking in Children: A Save Sight Keratoconus Registry Study
Stephanie WATSON
- 11:08 Recession of Three Horizontal Recti With Y-Splitting of Ipsilateral Lateral Rectus in Unilateral Type 3 Exotropic Duane Retraction Syndrome
Yulian ZHOU
- 11:12 Long-term Efficacy of Botulinum Toxin for Treatment of Acquired Nonaccommodative Comitant Esotropia
Jihae PARK
- 11:16 Botulinum Toxin Treatment for Restrictive Myopathy of Thyroid-Associated Ophthalmopathy
Doah KIM
- 11:20 Picture Book As Media for Promoting Eye Health in Primary School Children: A Research & Development Study
Devina PERMATASARI
- 11:24 The Correlation Between Body Mass Index, Refractive Error, and Central Corneal Thickness in School-Aged Children
Lydia MARGARETHA
- 11:28 Non-syndromic Unilateral Congenital Cataract – CRYBB1 Related
Lucy BARKER
- 11:32 Layer-Dependent Amblyopic Deficits in Feedforward and Lateral Processing in Human Early Visual Cortex
Wen WEN
- 11:36 Functional Plasticity in Higher Visual Areas May Underlie Postoperative Recovery in Strabismus
Sida XI
- 11:40 Long-term Outcomes of Children Undergoing Botulinum Toxin Injections or Strabismus Surgery for the Treatment of Infantile Esotropia
Janice LAM

- 11:44 Referral Uptake and Outcomes in Children Referred to Tertiary Eye Care From School Eye Screening
Sahithya BHASKARAN
- 11:48 “Squint ASSIST” for Strabismic Angle Measurement Using Visage Photographs
Nichakant SRISAENPANG
- 11:52 Assessment of Reading Speed in Children With Anisometropic Amblyopia Before and After Occlusion Therapy
Vinay GUPTA
- 11:56 The Use of Smartphone Fundus Photography for Retinopathy of Prematurity Screening in the Philippines
Dana Celine CAMMAYO
- 12:00 Intravitreal Anti-vascular Endothelial Growth Factor Monotherapy for Aggressive Posterior Retinopathy of Prematurity: An In-depth Systematic Review of Randomized Controlled Trials
Eric TJOENG
- 12:04 Chiasmal Misrouting in Infantile Nystagmus Syndrome (INS): Phenotypes in Patients With Molecular Diagnoses
Maria THEODOROU
- 12:08 Sirolimus Versus Mycophenolate Mofetil During Combined Immunosuppression in Thyroid Eye Disease Patients With Recent-Onset Intractable Diplopia – A Prospective Comparative Case Series
Kenneth Ka Hei LAI
- 11:24 Visual Outcomes and Spectacle Independence Employing Presbyond Principles With the Teleon MF15 Extended Depth of Focus Intraocular Lens
Lourens VAN ZYL
- 11:30 Clinical Outcomes of Topography Guided Versus Wavefront Optimized LASIK for Correction of Myopia and Compound Myopic Astigmatism
Deeksha RANI
- 11:36 Efficacy, Predictability, and Safety of the New Small Incision Lenticule Extraction (SMILE) PRO in the Indonesian Population
Vidyapati MANGUNKUSUMO
- 11:42 Implantation of Toric Implantable Collamer Lenses (ICLs) in Post Keratoplasty Pseudophakic Eyes for the Management of Residual Astigmatism.
Sanyukta JOSHI
- 11:48 Compare the Outcomes of 4 Different Minimally Invasive Corneal Lens Extraction Techniques (SMILE (Zeiss Visumax 500), SMILE Pro (Zeiss Visumax 800), Atos (Schwind), CLEAR (Zeimer Z8)) in Terms of Postoperative Uncorrected Visual Acuity and Refractive
I-hung LIN
- 11:54 Evaluation of Early Binocular Vision Function After ICL V4c Implantation in Patients With High Myopia
Kaili TANG
- 12:00 Clinical Outcomes of Surgical Management Following Enhancement for Presbyond Laser Blended Vision (LBV) LASIK
Riya CHOPRA

Refractive Surgery

Rapid Fire Refractive Surgery Update Session

11:00 - 12:30 **Venue: Uluwatu 7 (BNDCC1-GF)**
Chair(s): Cyres MEHTA, Naren SHETTY

- 11:00 Impact of the Novel iSMART Lasik Software on Topography-Guided LASIK Outcomes
Zain KHATIB
- 11:06 Early Changes of Anterior Chamber Segment After Implantable Collamer lens (ICL) Surgery in High Myopia
Yifei PENG
- 11:12 ReLEx SMILE for Mixed Astigmatism Laser Vision Correction.
Olesia ZIIATDINOVA
- 11:18 Central Toxic Keratopathy Following Collagen Cross Linking – A Case Series
Akhil BEVARA
- 12:06 A Novel 3-D Corneal Diameter Profile and Artificial Intelligence Driven Sizing of Implantable Collamer Lens
Naren SHETTY
- 12:12 Applying Collagen Understanding to Refractive Assessment, Treatment And Evaluating Outcomes
Anisha R
- 12:18 Structural and Functional Changes of Binocular Corneal Innervation and Ocular Surface Function After Unilateral SMILE and tPRK
Liang HU

FEB
24,
2024
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AI, Digital Innovation and Virtual Health

Rapid Fire AI, Digital Innovation and Virtual Health Update Session (2)

11:00 - 12:30 **Venue: Uluwatu 2 (BNDCC1-GF)**
Chair(s): Yih-chung THAM, Feihui ZHENG

- 11:00 Development and Validation of a Deep Learning Model to Predict the Occurrence and Severity of Retinopathy of Prematurity
Qiaowei WU
- 11:06 DeepFundus: A Flow Cytometry-Like Image Quality Classifier for Boosting the Whole Lifecycle of Medical Artificial Intelligence
Lixue LIU
- 11:12 Rural Screening for Multiple Retinal Diseases Using a Deep Learning System and Ultra-Widefield Images
Tingxin CUI
- 11:18 Detection of Disease-Related Visual Impairment in Diabetic Patients Using Retinal Photograph-Based Deep Learning
Can Can XUE
- 11:24 A Comparative Analysis of Vision Transformers and Convolutional Neural Network for Diabetic Retinopathy
Jocelyn GOH
- 11:30 Comparison of Diagnostic Performance of a Novel Smartphone Photography based Screening with Remote Ophthalmologist Review versus In-person Ophthalmologist Eye Camp Examination
Prabhu Krishna RAVILLA SRIRAM
- 11:36 Evaluation of a Deep Learning Artificial Intelligence Model in Detecting Referable Diabetic Retinopathy in Children With Type 1 Diabetes
Feihui ZHENG
- 11:42 Using AI to Understand Role of Vitamin D and IgE and Its Association With Tear Cytokines in Viral Conjunctivitis
Durgalaxmi MODAK

- 11:48 Improving Non-Mydriatic Retinal Photo Quality using Generative Adversarial Network
Yih-chung THAM
- 11:54 Detection of Morphological Patterns in Diabetic Macular Edema Using a Deep Learning Approach Based on Optical Coherence Tomography Images
Qiaowei WU
- 12:00 Smartphone-Based AMD Screening: A Prospective Validation of an Offline AI-Integrated Fundus Camera System
Divya RAO
- 12:06 Stratification of Risk Factors Using Artificial Intelligence (AI) in Predicting Outcomes of Deep Anterior Lamellar Keratoplasty (Dalk) in Advanced Keratoconus.
Durgalaxmi MODAK
- 12:12 PhacoTrainer: Automatic Artificial Intelligence-Generated Performance Ratings for Cataract Surgery
Sophia WANG

Cataract

Rapid Fire Cataract Update Session (2)

14:30 - 16:00 **Venue: Uluwatu 7 (BNDCC1-GF)**
Chair(s): Tun Kuan YEO, Huma SAIGOL

- 14:30 Is Femtosecond Laser-Assisted Cataract Surgery Effective in Reducing IOL Tilt and Decentering?
Hungwon TCHAH
- 14:35 Mix and Match Implantation of Pseudo-Nondiffracting Beam EDOF IOLs With Near Enhancement and Without Near Enhancement
Hungwon TCHAH
- 14:40 Refractive and Visual Outcomes Following the Use of the Rayner RayONE EMV Extended Depth of Focus Lens in Western Australia
Lourens VAN ZYL
- 14:45 Financial Analysis of Femtosecond Laser-Assisted Cataract Surgery at the Largest Private Ophthalmology Practice in China
Jing WANG
- 14:50 Longitudinal Changes of the Macular Structure After Pediatric Cataract Surgery
Zhenzhen LIU

- 14:55 Identification of the miRNA Biomarkers in Human Age-Related Cataracts by Meta-analysis and Bioinformatics Analysis.
Kaiyun ZHANG
- 15:00 Laboratory Evaluation of Halos and Through-Focus Performance of Three Different Multifocal Intraocular Lenses
Xiaomin LIU
- 15:05 Novel Exploration of Ions and Fatty Acids in Hydrophilic Acrylic Intraocular Lens Calcification
Xiaomin LIU
- 15:10 Slitlamp Imaging Versus Anterior Segment Imaging With Intraocular Lens (ASPI) for Diagnosis of Pseudoeffusion
Aiman KHAN
- 15:15 Role of Nepafenac on Changes in Central Macular Thickness in Diabetic Eyes Undergoing Cataract Study- a Prospective Comparative Study
Anoop LINGARAJU
- 15:20 Capsule Opacification Following Phacoemulsification on Cataract Patient: A Systematic Review
Chandra PRABASWARA
- 15:25 Comparison of IOL Formulas Using a New Sum-of-Segments Axial Length Optical Biometer
Tun Kuan YEO
- 15:30 Comparative Evaluation of Visual Acuity, Quality of Vision and Patient Satisfaction After Implantation of Extended Macular Intraocular Lens vs Monofocal Intraocular Lens in Cases of Age Related Macular Degeneration With Senile Cataract
Akshaya BALAJI
- 15:35 Comparison of Time Efficiency Advantage Between Femtosecond Laser-Assisted Cataract Surgery and Conventional Phacoemulsification by Classification of Cases Based on Lens Density and Anterior Chamber Depth.
Takeshi TESHIGAWARA
- 09:00 Corneal Myofibroblasts Suppress Corneal Allograft-Primed T cells
Shudan WANG
- 09:05 Role of Chloroquine Phosphate Eye Drops in Management of Dry Eye Disease
Tushar GROVER
- 09:10 Does Sleep Mediate the Association Between Dry Eye and Quality of Life in the Singapore Malay and Indian Populations?
Elizabeth LIM
- 09:15 Ocular Surface Disease: Validating Complex Solutions
Radhika TANDON
- 09:20 Ten-Year Graft Survival of Repeat Optical Keratoplasties
Victoria Grace DIMACALI
- 09:25 Anterior Segment Optical Coherence Tomography Imaging of the Lacrimal Gland in Patients With Chronic Ocular Graft-Versus-Host Disease
Lingyi LIANG
- 09:30 Compressive Suture for Early Resolution of Acute Hydrops in Advanced Keratoconus Patients.
Sujit BISWAS
- 09:35 RID-Myc Assay – A Novel CRISPR-Based Device to Diagnose, Estimate Fungal Abundance and Predict Treatment Outcomes in Fungal Keratitis.
Chinmay MAHATME
- 09:40 Outcomes of Accelerated Corneal Crosslinking in Keratoconus Eyes With and Without Associated Vernal Keratoconjunctivitis- a Comparative Study
Priyadarshini KAMALAKANNAN
- 09:45 Microscope Integrated Optical Coherence Tomography Assisted Graft Sizing in Pediatric Penetrating Keratoplasty
Priyadarshini KAMALAKANNAN
- 09:50 Protocol Difference in the Preparation of Human Peripheral Blood Serum Eyedrops and Their Effects on Corneal Healing After Alkali Burn: Clinical Evaluation and Corneal Histopathology on Rabbits
Theresia KANIA
- 09:55 Neuropathic Corneal Pain Following Refractive Surgery: Risk Factors, Clinical Manifestations, Imaging, and Proteomic Characteristics
Yu-chi LIU

Cornea, Dry Eyes, External Eye Diseases and Eye Banking

Rapid Fire Cornea, Dry Eyes, External Eye Diseases and Eye Banking Update Session (2)

09:00 - 10:30 **Venue: Mengwi 3,5 (BNDCC2-GF)**
Chair(s): Li LIM, Radhika TANDON, Bi Ning ZHANG

- 10:00 Role of Corneal Endothelium in the Development and Recurrence of Macular Corneal Dystrophy
Bi Ning ZHANG
- 10:05 The Prevalence of Fuchs Endothelial Corneal Dystrophy in the Kyoto Glaucoma Cohort Study
Shigeru KINOSHITA
- 10:10 A Community Based Approach to Addressing Inequity in Access to Post-crosslinking Care and Visual Rehabilitation for Patients With Keratoconus in the Auckland – One Year Results
Akilesh GOKUL
- 10:15 Unraveling Mitochondrial Ultrastructure Changes and DNA Variations in Keratoconus
Shivam SHARMA
- Rapid Fire Cornea, Dry Eyes, External Eye Diseases and Eye Banking Update Session (4)**
- 14:30 - 16:00 **Venue: Mengwi 1,2 (BNDCC2-GF)**
Chair(s): Yoshinori OIE
- 14:30 A Single Case of Ocular Graft-Versus-Host Disease Who Recovered Her Vision by Piggyback Contact Lens
Hiroki NISHIMURA
- 14:35 Outcomes of Low-level Light Therapy Before and After Cataract Surgery for the Prophylaxis of Postoperative Dry Eye: A Prospective Randomized Double-Masked Controlled Clinical Trial
Giuseppe GIANNACCARE
- 14:40 Knowledge, Attitudes, and Practice of Health Workers in Indonesia Toward Corneal Donor Procurement in Hospital
Eko PARULIAN
- 14:45 The Relationship Between Ana Titer and Anti-dsdna Levels With the Incidence of Dry Eye Disease in Systemic Lupus Erythematosus Patients
Mohammad Aulia MOLID OGEST PUTRA CALISANIE
- 14:50 Dry Eye Syndrome After Phacoemulsification in Diabetic Patients: A Systematic Review
Reni RATNAWATI
- 14:55 Visibility of Cellular Aggregates and Change in Central Corneal Thickness as Predictors of Successful Corneal Endothelial Cell Injection Therapy
Evan WONG
- 15:00 17-Year Outcome of Osteo-Odonto Keratoprosthesis in Hong Kong: A Retrospective Study
Julia Y.Y. CHAN
- 15:05 An Innovative Low Cost Dry Eye Treatment
Ankit AGRAWAL
- 15:10 New Grading of Vernal Keratoconjunctivitis Based on Clinical Profile of 1049 Vernal Keratoconjunctivitis Patients
Gaurav CHAUHAN
- 15:15 Curcumin and Fibrin Glue As Potential Adjuvant Therapies to Prevent Pterygium Recurrence Through Modulation of Matrix Metalloproteinase-3, Vascular Endothelial Growth Factor and Transforming Growth Factor- β
Ferdian RAMADHAN
- 15:20 A Novel Genetic Panel for Keratoconus in South Indian Population
Anushree BHATKAL
- 15:25 Microbial Keratitis & Its Management at a Rural Centre: Achieving Success With Limited Resources
Raksheeth RAJAGOPAL
- 15:30 Lichen Planus Presenting As Cicatrising Conjunctivitis
Anjali ANJALI
- 15:35 Cancer or Septic Donor: Propitious for Corneal Transplant? A 5 Year Study at a Tertiary Center
Mahima KANSAL
- 15:40 Trehalose in Stabilization of Disease Progression in Keratoconus via Autophagy Modulation
Anisha R
- 15:45 Ocular Surface and Meibomian Gland Evaluation in Euthyroid Graves' Ophthalmopathy
Kenneth Ka Hei LAI
- Rapid Fire Cornea, Dry Eyes, External Eye Diseases and Eye Banking Update Session (3)**
- 16:30 - 18:00 **Venue: Mengwi 1,2 (BNDCC2-GF)**
Chair(s): Koji KITAZAWA, Jyh Haur WOO
- 16:30 Comparison of the Effects of Different Hyaluronic Acid-Containing Lubricating Eye Drops on Post-cataract Surgery Dry Eye Disease
Chi Chin SUN
- 16:35 Comparison of Cornea Biomechanical Properties Among Keratoconus, First Degree Relatives and Normal
Norsyariza RAZAK

- 16:40 Retrospective Study of Demographic Profile, Clinical Characteristics and Risk Factors of Dsaek Graft Rejection
Shalini SINGH
- 16:45 Understanding Ethnic Disparities in the Delivery of Crosslinking Procedures in Auckland, New Zealand (Preliminary Data)
Tiwini HEMI
- 16:50 A Comparison of Five-Year Outcomes Following High Intensity and High Energy Continuous Versus Pulsed Epithelium-Off Cornea Crosslinking
Tiwini HEMI
- 16:55 The Efficacy and Safety of Descemet's Membrane Endothelial Keratoplasty (DMEK) Versus Descemet's Stripping Automated Endothelial Keratoplasty (DSAEK) for Corneal Endothelial Decompensation: A Meta-analysis
Mefina MUFIDAH
- 17:00 Comparison of Ocular Surface Parameters Changes After Small Incision Lenticule Extraction and Femtosecond Laser-Assisted in Situ Keratomileusis Procedure
Faris MADYAPUTRA
- 17:05 Challenge in Pediatric Penetrating Keratoplasty
Al Farizi SUNJAYA
- 17:10 Corneal Densitometry as an Objective Index for Assessing Keratoconus Severity
Parichart TAWEEKITIKUL
- 17:15 Evaluation of Corneal Biopsy as a Primary Diagnostic Tool in Patients With Microbial Keratitis on Poly- Antimicrobials – A Randomised Control Trial
Gandepalli LAVANYA
- 17:20 Evaluation of Clinical Profile and Risk Factors Necessitating Repeat Collagen Cross Linking in Keratoconus
Aniruddh HEROOR
- 17:25 Metamorphosis of Meibomian Gland Dysfunction: Unveiling Age-Dependent Clinical Presentations
Jin-yu CHANG
- 17:30 Synthetic Corneal Endothelial Substitute: Results of a Phase-2 Safety Evaluation Study
Lional Raj DANIEL RAJ PONNIAH
- 17:35 Knowledge, Attitudes, and Behavior of Patients and Families Regarding Corneal Donors in Outpatient Clinics of Tertiary Healthcare Center in Indonesia
Agung FUJIYONO
- 17:40 Successful Management of Partial Limbal Stem Cell Deficiency With Unilateral Conjunctival Limbal Autograft
Annisa RAHAYU
- 17:45 Antimicrobial Susceptibility Testing of Dematiaceous Fungi Isolated From Keratitis in India
Joveeta JOSEPH
- 17:50 Correlation Between Severity of Dry Eye Disease With Fluorescein Break-Up Patterns
Putri KARTINI

Glaucoma

Rapid Fire Glaucoma Update Session (1)

- 14:30 - 16:00 **Venue: Mengwi 3,5 (BNDCC2-GF)**
Chair(s): Viney GUPTA, Ashok KUMAR NARSANI, Fei LI
- 14:30 Acute Primary Angle Closure Concurrent With Coronavirus Disease 2019 Recurrence in China: A Multi-Center Study
Ye ZHANG
- 14:35 In Vitro and In Vivo Vitreous Changes Following Transscleral Cyclophotocoagulation
Yan SHI
- 14:40 Genetics of Trabeculodysgenesis Under Ultrasound Biomicroscopy and Its Association With Surgical Outcome in Primary Congenital Glaucoma
Yan SHI
- 14:45 Irido-Zonulo-Hyaloid-Vitreotomy Combined With Multiple Surgical Options for Complex Angle-Closure Glaucoma Secondary to Nanophthalmos
Zhigang FAN
- 14:50 Diagnostic Performance of an Automated Fundus Screening Algorithm: A Prospective Multicenter Trial
Fei LI
- 14:55 Pretreatment With Frequent Topical Betamethasone in Ahmed Glaucoma Valve Implantation
Nader NASSIRI
- 15:00 Impact of Postoperative Choroidal Detachment on Trabeculectomy Outcomes: A Four-Year Comparative Study
Nader NASSIRI
- 15:05 Mutational Analysis of CYP1B1 (rs56010818) Variant in Primary Open Angle Glaucoma (POAG) Affected Patients of Pakistan
Ashok KUMAR NARSANI

- 15:10 Multimodal Machine Learning Using Visual Fields and Peripapillary Circular OCT Scans in Detection of Glaucomatous Optic Neuropathy
Deming WANG
- 15:15 Fruit and Vegetable Intake and the Risk of Glaucoma: Insights From the UK Biobank Study
Guihua XU
- 15:20 Association of Foveal Avascular Zone Area With Structural and Functional Progression in Glaucoma Patients
Yinhang ZHANG
- 15:25 Apoptosis Inhibitor of Macrophages/CD5L Enhances Phagocytosis in the Trabecular Meshwork Cells and Regulates Ocular Hypertension
Hotaka NEMOTO
- 15:30 Influence of Goniotomy Size on Treatment Safety and Efficacy for Primary Open-Angle Glaucoma: A Multicenter Study
Yu ZHANG
- 15:35 Outcomes of Partial Versus Complete Goniotomy With or Without Phacoemulsification for Primary Open Angle Glaucoma: A Multicenter Study
Zhixuan WANG
- 15:40 Optic Nerve Head Abnormalities in Non-pathologic High Myopia and the Relationship With Visual Field
Jingwen JIANG
- 15:45 Light-Induced Sericin Hydrogel Injected Into the Anterior Chamber of Mice With Chronic Ocular Hypertension Efficacy, Medication Sensitivity, and Material Safety
Li LIAO
- 15:50 Impact of High Myopia on Corneal biomechanical parameters in eyes with Primary Open Angle Glaucoma (POAG) using Corvis-ST
Raghavan LAVANYA
- 16:36 Myelin Oligodendrocyte Glycoprotein Antibody-Associated Disease in a Paediatric Population
Jane SHI
- 16:42 Retinal Nerve Fiber Layer Thinning on Optical Coherence Tomography: Is It Always Glaucoma?
Pir Salim MAHAR
- 16:48 Evaluation of Peripapillary and Macular Optical Coherence Tomography Angiography (OCT-A) Characteristics in Different Stages of Papilledema in IHH (Idiopathic intracranial hypertension)
Akshra PAHUJA
- 16:54 Peripapillary Retinal Nerve Fiber Layer Thickness in Idiopathic Optic Neuritis and Neuromyelitis Optica Spectrum Disorder Associated Optic Neuritis
Shaoying TAN
- 17:00 Neuroimaging Changes in the Pregeniculate Visual Pathway and Chiasmal Enlargement in Leber Hereditary Optic Neuropathy
Xintong XU
- 17:06 Evaluation of Visual Morphology and Functional Indicators in Patients With Acute Non-arteritis Anterior Ischemic Optic Neuropathy
Hai-yan WANG
- 17:12 Is There a Chance for Neuro Regeneration in Mitochondriopathy in Methanol Toxic Optic Neuropathy?
Bambang SETIOHADJI
- 17:18 Effect of Folic Acid Prophylaxis on Malondialdehyd Expression and Retina Ganglion Cell Density (Experimental Study of Wistar Rats Administered Ethambutol)
Bramantya UTAMA
- 17:24 Using Retinal Vessel Pulsation to Accurately Estimate Intracranial Pressure.
William MORGAN
- 17:30 Increased Risk of Optic Neuritis in Patients With Fibromyalgia: Nationwide Population-Based Cohort Study
Ju-yeun LEE
- 17:36 Clinical and Radiological Outcomes of Double Versus Triple Immunosuppression for Dyshyroid Optic Neuropathy
Fatema ALJUFAIRI

Neuro-Ophthalmology

Rapid Fire Neuro-Ophthalmology Update Session

16:30 - 18:00 **Venue: Uluwatu 4 (BNDCC1-GF)**
Chair(s): Bambang SETIOHADJI

- 16:30 Detection of Serum Aquaporin-4 Antibody and Myelin Oligodendrocyte Glycoprotein Antibody in SARS-COV-2 Infection-Related Optic Neuritis by Cell-Based Assay
Chuan-bin SUN

Ocular Imaging

Rapid Fire Ocular Imaging Update Session

16:30 - 18:00 **Venue: Uluwatu 2 (BNDCC1-GF)**
Chair(s): Christopher GO, Leopold SCHMETTERER

- 16:30 Enface SS-OCT Angiography in Peripapillary Pachychoroid Syndrome – A Novel Entity
Priyanka GUPTA
- 16:35 Quantitative Assessment of Retinal Microcirculation Changes in SLE Patients Using Wide-Field OCTA and the Correlation With SLE Disease Activity
Lihui MENG
- 16:40 Boom-type Handheld Ultrahigh-Resolution OCT With High-Performance Integrated Imaging Probe for Pediatric Retinal Imaging
Peng XIAO
- 16:45 The Smartscope Kit: A Frugal Portable Do-It-Yourself Comprehensive Eye Examination Kit for Every Ophthalmologist.
Hirika GOSALIA
- 16:50 In-Vivo Confocal Microscopy Predicts Cytomegalovirus As the Cause of Chronic or Recurrent Anterior Uveitis Among Chinese.
Stephanie Hiu-wai KWOK
- 16:55 Evaluation of Microvascular Changes and Optic Nerve Head Perfusion Following Trabeculectomy – An Optical Coherence Tomography Angiography(OCT-A) Study
Madhavi PILLAI
- 17:00 Retinal Vessel Tortuosity and Fractal Dimension Differences in Regular Hemodialysis Patients With and Without Type 2 Diabetes Mellitus in a Tertiary Hospital in Indonesia
Muhammad FARIZ
- 17:05 Early Rate of Change in Circumpapillary Vessel Density Is Associated With Normal Tension Glaucoma Progression: An Optical Coherence Tomography Angiography Longitudinal Study
Ruyue SHEN
- 17:10 Imaging Retinal Dystrophies Using Ultrahigh Resolution Polarisation Sensitive Optical Coherence Tomography (PS-OCT)
Poornachandra BALUGHATTA
- 17:15 Temporal Retinal Vessel Angle as a Novel Clinical Marker in FEVR
Christopher GO

- 17:20 Ultrasound Biomarkers: Contrast Enhanced Ultrasound and Nakagami Imaging to Differentiate Benign and Malignant Choroidal Tumor
Vishal RAVAL
- 17:25 Proof-of-Principle Ex-vivo Cross-sectional B-Mode Acoustic Impedance Imaging of the Posterior Segment of Guinea Pig Eye Using Scanning Acoustic Microscope
Edo PRASTIKA
- 17:30 Smart vs Traditional: Evaluating the Accuracy of Smartphone-Based Diabetic Retinopathy Screening in Pakistan
Rehman SIDDIQUI
- 17:35 Retinal Oxygen Metabolism, Hemodynamics and Nerve Related Changes After Anti-vegf in Retinal Vein Occlusion by a Multi-Modal System
Jingyuan ZHU

Ocular Oncology and Pathology

Rapid Fire Ocular Oncology and Pathology Update Session (1)

14:30 - 16:00 **Venue: Uluwatu 2 (BNDCC1-GF)**
Chair(s): Anita CHAN, Mihir MISHRA

- 14:30 Clinical Features and Long-Term Follow-Up of 28 Cases Intraocular Schwannoma
Li DONG
- 14:35 Chloroma Masquerading As Pott's Puffy Tumor
Patricia Abigail LIM
- 14:40 Differentiation of Choroidal Metastasis From Primary Cancer Sites: A Multi-Modal Imaging Study
Anjali MAHESHWARI
- 14:45 Direct Injection of Bleomycin for the Treatment of Visually Threatening Cavernous Hemangioma
Honglei LIU
- 14:50 Correlating Somatic Copy Number Alteration in Aqueous Humour cfDNA With Chemotherapy History, Eye Salvage and Pathological Features in Retinoblastoma
Yingxiu LUO
- 14:55 A Novel MYCN-YTHDF1 Cascade Contributes to Retinoblastoma Tumor Growth by Eliciting m6A-Dependent Activation of Multiple Oncogenes
Yingxiu LUO

- 15:00 Survey of Orbital Tumors in Elderly Population: A Large Case Series
Shaifali CHAHAR
- 15:05 NGS of Vitreoretinal Lymphoma by Vitreous Liquid Biopsy: Diagnostic Potential and Genotype/Phenotype Correlation
Christopher LEE
- 15:10 A Cascading, Tumor Microenvironment-Responsive Nanomaterial Approach: Overcoming Lactic Acid-Induced Radiotherapy Resistance in Uveal Melanoma
Yiran YAO
- 15:15 New Retinoblastoma Rosette: Molecular Pathology Interpretation
Rutusha DODWAD
- 15:20 American Joint Committee on Cancer Classification Predicts the Outcome in Chinese Patients With Lacrimal Gland Adenoid Cystic Carcinoma
Xin SONG
- 15:25 Metastatic Conjunctival Melanoma: A Multicenter International Study
Puneet JAIN
- 15:30 Risk Factors of Cataract in the Treatment of Retinoblastoma
Shichong JIA
- 15:35 Clinical Features and Treatment Outcomes of Periocular Sebaceous Gland Carcinoma in 511 Patients
Aniruddh HEROOR
- 15:40 A Radiotherapy Sensitizer for Uveal Melanoma That Eliminates Radiation-Induced Senescent Cells
Yu HUA
- 16:40 Clinical Efficacy of Orbital Computed Tomographic Assessment in Determination of the Optimal Length of the Jones Tube in Endoscopic Conjunctivodacryocystorhinostomy
Eun Hyang CHA
- 16:45 A Case Report of A Solitary Fibrous Tumor in the Fascia of the Lateral Rectus Muscle
Yuki KAMIYA
- 16:50 Diagnostic Challenges In Orbital Apex Fungal Infection Without Significant Sinonasal Involvement
Dave Michael OYAS
- 16:55 Effect of Unilateral Optic Nerve Sheath Fenestration in Improving Headache in Patients of Idiopathic Intracranial Hypertension
Sidrah LATIF
- 17:00 Efficacy and Safety of Weekly EUGOGO protocol vs. 3 Weekly Low Dose Intravenous Methylprednisolone in Thyroid Eye Disease: A Prospective Randomized Controlled Trial Study.
Ankita AISHWARYA
- 17:05 Epithelial-Myoepithelial Carcinoma of the Lacrimal Gland – Case Report and Review of Literature
Mara Augustine GALANG-LU
- 17:10 Orbital Compartment Syndrome (OCS) Following Transcutaneous Retrobulbar Amphotericin B (TRAMB) – Factors Affecting Occurrence and Visual Implications in a Missed Diagnosis
Tarjani DAVE
- 17:15 Clinical Results of Congenital Microphthalmos
Jiyoung LEE
- 17:20 Tangled: A Case Report on Periorbital Arteriovenous Malformation Treated With Triamcinolone Injection and Excision
Gillian Louise SAQUIAN
- 17:25 The Differences in Conjunctival Impression Cytology Profile, Interleukin-6 Levels in Tears, and Stages of Dry Eye Between Anophthalmic Socket and Contralateral Healthy Eye
Nur Aulia AMIR
- 17:30 Change in Blood Vessels and Thickness of Retina and Choroid in Dysthyroid Optic Neuropathy After Orbital Decompression As Measured by Optical Coherence Tomography Angiography
Apisit KHANTHIK

Orbital and Oculoplastic Surgery

Rapid Fire Orbital and Oculoplastic Surgery Update Session (1)

16:30 - 18:00 **Venue: Uluwatu 6 (BNDCC1-GF)**
Chair(s): Tarjani DAVE, Xianqun FAN, Mary Rose YAN

- 16:30 Dacryocystorhinostomy Ostium Scoring (DOS) in Post-operative Evaluation of Anatomical Outcomes After Primary Endoscopic Dacryocystorhinostomy Using Cold-Steel Technique
Ha Huy THIEN THANH
- 16:35 Orbital Decompression With a Novel Navigation Surgical Robot
Xianqun FAN

- 17:35 Anatomical and Ocular Surface Outcomes of Cicatricial Entropion Repair Using Oral Mucosal Graft in Stevens-Johnson Syndrome
Thanchanit SAWETRATANASTIEN
- 17:40 Expanding Horizon of Aesthetic Oculoplasty – Outcome of Orbital Fractures in Oculofacial Trauma at Tertiary Centre by Multidisciplinary Approach
Vinita RAMNANI
- 15:02 Performance of “Treat-and-Extend” Anti-VEGF Therapies (Aflibercept, Ranibizumab) Used for Diabetic Macular Oedema at 1 Year
Shi Pei LOO
- 15:06 Central Obesity and Its Association With Retinal Age Gap: Insights From the UK Biobank Study
Ruiye CHEN

Retina (Medical)

Rapid Fire Retina (Medical) Update Session (1)

14:30 - 16:00 **Venue: Uluwatu 6 (BNDCC1-GF)**
Chair(s): Colin TAN

- 14:30 Onbercept Versus Laser Therapy for the Treatment of Infants With Zone II Retinopathy of Prematurity: An Open-label Randomized Controlled Trial
Yong CHENG
- 14:34 Role of Cystatin C in the Detection of Sight-Threatening Diabetic Retinopathy in Asian Indians With Type 2 Diabetes
Ramachandran RAJALAKSHMI
- 14:38 The Aspects of Diagnosis and Treatment of Pediatric Retinal Disease
Tsengelmaa CHULUUNBAT
- 14:42 Serum Vitamin D Level Alterations in Retinal Vascular Occlusions
Ashok KUMAR
- 14:46 Visual Function of a Non-diffractive Extended-Depth-of-Focus Intraocular Lens According to the Various Stages of Epiretinal Membrane
Sohee JEON
- 14:50 Safety and Efficacy of Brolucizumab in the Treatment of Diabetic Macular Edema and Diabetic Retinopathy: A Systematic Review and Meta-Analysis
Hashem ABU SERHAN
- 14:54 Patients’ Perception of Robot-Driven Technology in the Management of Retinal Diseases
Kah AW
- 14:58 Is Kidney Function Associated With Age-Related Macular Degeneration? Findings From the Asian Eye Epidemiology Consortium
Ralene SIM
- 15:10 Variable Expression in Filipino Siblings With Autosomal Recessive Bestrophinopathy (ARB)
Raphael GUMAFELIX
- 15:14 Quantification of Vascular Changes in Macular Telangiectasia Type 2 With AngioTool Software.
Yeshwanth KUMAR H S
- 15:18 KCN2-Associated Retinopathy Natural History and Biomarkers
Dhimas SAKTI
- 15:22 Systemic Risk Factors of Retinopathy in Patients With Systemic Lupus Erythematosus
Lihui MENG
- 15:26 To Evaluate Role of Oral Eplerenone in Central Serous ChorioRetinopathy in a Tertiary Care Hospital in India
Abhyuday SAXENA
- 15:30 Agreement Between Non-specialist Graders for Diabetic Retinopathy Screening Between Smartphone-Based Retinal Camera Device and Traditional Fundus Camera: A Prospective Study From Pakistan.
Rehman SIDDIQUI
- 15:34 Impact of Age and Sex on the Host Immune Response in Patients With Infectious Endophthalmitis
Joveeta JOSEPH
- 15:38 Analysis of Imaging Techniques in Early Detection of HCQ Retinopathy
Ayshwaria BASKER

Rapid Fire Retina (Medical) Update Session (4)

16:30 - 18:00 **Venue: Mengwi 3,5 (BNDCC2-GF)**
Chair(s): Won Ki LEE, Xinyuan ZHANG

- 16:30 Improvement in Visual Acuity and QoL After Ranibizumab Treatment in Patients With Age-Related Macular Degeneration in a Tertiary Hospital in Indonesia
Citra MAHARANI
- 16:34 Topical Dorzolamide for Macular Holes: Randomised Controlled Clinical Trial
Yong Min LEE

- 16:38 Fleck Retinopathy – What to Do Next? Decoding the Phenotype to a Definitive Diagnosis
Debolina DEB
- 16:42 Intravitreal Aflibercept 8 mg Injection in Patients With Neovascular Age-Related Macular Degeneration: 48-Week Results From Asian Patients in the Phase 3 PULSAR Trial
Shih Jen CHEN
- 16:46 Aflibercept 8 mg in Patients With Neovascular Age-Related Macular Degeneration: Phase 3 PULSAR Trial 96-Week Results
Srinivas SADDA
- 16:50 Risk of Clinical and Subclinical Radiation-Induced Retinopathy Following High-Dose Irradiation in Chinese Patients With Nasopharyngeal Carcinoma: A Case-Control Study
Mary HO
- 16:54 Prospective Analysis of Retinal Nerve Fiber Layer and Macular Thickness As Early Neurodegenerative Indicators in Systemic Lupus Erythematosus Patients
Muhammad Fadhil RAHMADIANSYAH
- 16:58 Quantifying Vitreous Haziness in Uveitic Patients Using Optical Coherence Tomography: Make It Count!
Annisa PERMADI
- 17:02 Intravitreal Aflibercept 8 mg in Patients With Polypoidal Choroidal Vasculopathy: A Phase 3 PULSAR Trial Subgroup Analysis
Won Ki LEE
- 17:06 Cystoid Macular Edema in Peripheral Exudative Hemorrhagic Choroidopathy
Minal SHARMA
- 17:10 A Perplexing Case of Recurrent Choroiditis With a Diagnostic Surprise
Chitransha JALUTHARIYA
- 17:14 Exploring the Interplay of Genotype, Phenotype, and Optical Coherence Tomography Characteristics in Bestrophinopathy
Areeba SHAKEEL
- 17:18 To Relate Fundus Changes Associated With Diabetes With Different Stages of Nephropathy
Saloni GUPTA
- 17:22 Association of Retinal Artery Occlusion and Acute Coronary Syndrome: A Systematic Review and Meta-analysis
EI ANDINI
- 17:26 Dyslipidemia and Upregulated Circulating Levels of Cytokines Contribute to Diabetic Retinal and Renal Microvasculopathy
Xinyuan ZHANG
- 17:30 Real World Efficacy, Durability and Safety of Faricimab in Diabetic Macular Edema: The TAHOE Study
Michael SINGER
- 17:34 The Real-world Efficacy and Safety of Faricimab in Neovascular Age-Related Macular Degeneration: The Truckee Study
Michael SINGER
- 17:38 Knowledge, Attitude, and Practice (KAP) on Diabetes Mellitus (DM) and Diabetic Retinopathy (DR) Amongst People Visiting a Tertiary Eye-Care-Centre in South India
Hari Bhadari ANAND

Retina (Surgical)

Rapid Fire Retina (Surgical) Update Session

09:00 - 10:30 **Venue: Uluwatu 7 (BNDCC1-GF)**
Chair(s): Li Jia CHEN, Sangeet MITTAL

- 09:00 Selective Micropulse Individual Retinal Therapy on Serial Laser Systems
Elena IVANOVA
- 09:05 Discrepancy Between Retinal Pigment Epithelium Degeneration and Visual Field Loss in Bietti Crystalline Dystrophy
Daiki SAKAI
- 09:10 The Efficacy and Safety of Macular Hole Repair by Pars Plana Vitrectomy Without Endotamponade
Amy Hiu Ying YU
- 09:15 Outcome of the Management of Aggressive Retinopathy of Prematurity
Tanzina ISLAM
- 09:20 A Common Surgery to an Uncommon Problem: Surgical Management of Myopic Traction Maculopathy
Wai Yan LAM
- 09:25 The Effect of Internal Limiting Membrane Peel Size on Functional and Anatomical Outcomes for Idiopathic Full Thickness Macular Holes: An Individual Participant Data Review
Boon Lin TEH
- 09:30 Managing Retained Sub-Foveal Perfluorocarbon Liquid (PFCL)- Outcomes and Challenges
Ananya GOSWAMI

- 09:35 Congenital Retinoschisis(RS) in Children: Influence of Presenting Age on the Anatomical and Visual Outcomes.
Anjali MAHESHWARI
- 09:40 Five Years Anatomical and Functional Outcome of Amniotic Membrane Graft in Macular Hole Surgery
Sameera NAYAK
- 09:45 Transplantation of Allogeneic iPS Cell-Derived Retinal Pigment Epithelial Cell Strips for Retinal Pigment Epithelial Impaired Diseases
Yasuo KURIMOTO
- 09:50 Predictive Biomarker on Optical Coherence Tomography for Closure in Traumatic Macular Hole: A Comparative Study of Surgical vs. Observational Intervention
Rohan KAPOOR
- 09:55 Comparison of Clinical Outcomes of 10,000 Versus 20,000 Cuts-per-Minute, 25-Gauge, Beveled-Tip Vitrectomy Probes
Harvey UY
- 10:00 Clinical Characteristics and Outcomes of Retinectomy Management in Recurrent Retinal Detachment Cases
Sandi MUSLIM
- 10:05 Visual and Anatomical Outcomes of Macular Hole Surgery- Comparison of Complete and Partial Internal Limiting Membrane Peel With Inverted Flap Techniques.
Anita MANIAM
- 09:12 Localized Immune Response and Long-Term Survival of Human Retinal Pigment Epithelium Monolayers in Immunocompetent Monkey Retinas
Zengping LIU
- 09:16 Automated Visual Acuity Test for Community Eye Screening in Singapore
Muhammad Azri BIN RAZALI
- 09:20 Evisceration With Primary Orbital Implant in Endophthalmitis/Panophthalmitis.
Syed KADIR
- 09:24 M1-Like Macrophages Modulate Fibrosis and Inflammation of Orbital Fibroblasts in Graves' Orbitopathy: Potential Relevance to Soluble Interleukin-6 Receptor
Sijie FANG
- 09:28 Orbital Immune Profiling Defines Inflammatory Cell Signatures Underlying Thyroid Eye Disease Establishment and Type
Sijie FANG
- 09:32 Association of eNOS Polymorphism in Babies Developing Retinopathy of Prematurity
Debolina DEB
- 09:36 Unique Phenotypes, Novel Genotypes and Functional Evaluation in Stargardt Families From South India
Poornachandra BALUGHATTA
- 09:40 Association of Serum Gamma Glutamyl Transferase As Biomarker of Oxidative Stress in Type II Diabetics With and Without Diabetic Retinopathy
Muhammad Aneeq HAROON
- 09:44 Driving the Differentiation of Transition Zone Cells Into Corneal Endothelial -Like Cells
Jie ZHANG
- 09:48 SPVN06: Gene-Independent Gene Therapies for Patients With Rod-Cone Dystrophy
Daniel CHUNG
- 09:52 Clinical Validation of the Use of a Suite of Novel Devices for General Eye Screening Within Primary Care Settings
Lynn QUEK
- 09:56 Biomarker Enabled Specific Targeted Therapy in Ocular Surface Disease
Pooja KHAMAR
- 10:00 OCT-Angiographic Changes of Optic Nerve Head After 25G Ultrasonic Vitrectomy
Tagir DIBAEV

Translational Research in Ophthalmology

Rapid Fire Translational Research in Ophthalmology Update Session

09:00 - 10:30 **Venue: Uluwatu 2 (BNDCC1-GF)**
Chair(s): Kevin CHAN, Pooja KHAMAR

- 09:00 The Effect of Palm Oil-Derived Tocotrienol-Rich Fraction in Preserving Normal Retinal Vascular Diameter in Streptozotocin-Induced Diabetic Rats
Nurliyana Ain ABDUL GHANI
- 09:04 Development of High-Performance Point-of-Care Aqueous VEGF Detection System and Proof-of-Concept Validation in RVO Patients
Chan ZHAO
- 09:08 Ocular Pharmacokinetics of Extemporaneously Prepared Tazobactam-Piperacillin Eye Drops: Rationalizing Its Treatment Modality
Madhu NATH

FEB
25,
2024
(SUN)

Cataract

Rapid Fire Cataract Update Session (3)

11:00 - 12:30 **Venue: Uluwatu 7 (BNDCC1-GF)**
Chair(s): Mun Wai LEE, Naren SHETTY

- 11:00 Analysis of Intraoperative Oct of the Anterior Chamber of Rabbits' Eyes During Phacoemulsification With a New Method of Adaptive Infusion Control
Timur ISMAGILOV
- 11:05 Visual Outcomes Following Implantation of a Novel Non-diffractive Wavefront-Linking Extended Depth of Focus Intraocular Lens
Mun Wai LEE
- 11:10 Visual Outcomes of a Novel Spherical Aberration-Based Extended Monofocal Intraocular Lens (EVOLUX) After Cataract Surgery
Cristina TAN
- 11:15 A Modified Surgical Technique to Reopen the Capsular Bag in Pediatric Aphakic Eyes
Wan CHEN
- 11:20 Aqueous Metabolonomics: Decoding Amino Acid Disparities in Pseudoexfoliation Syndrome"
Narayanan BALAKRISHNAN
- 11:25 Influence of Residual Astigmatism After Cataract Surgery on the Visual Quality of Patients With Different Designed Multifocal Intraocular Lens Implantation
Meixin LI
- 11:30 Visual Outcome of Phacoemulsification Surgery With Intraocular Lens Implantation Among Patients With Pseudoexfoliation Syndrome.
Tikambari ETTIRAJAN
- 11:35 Long-Term Visual Performance of the Extended Depth of Focus WELL Fusion® Optical System: MiniWELL® on the Dominant Eye and MiniWELL PROXA® on the Non-dominant Eye after Cataract Surgery
Keshia Lourdes DUYONGCO

- 11:40 Retinal Thickness Analysis in Uncomplicated Phacoemulsification in Different Age Groups
Ferdian RAMADHAN
- 11:45 Can We Improve the Performance of Extended Depth of Focus IOLs?
Naren SHETTY
- 11:50 Flacs V/S Phacoemulsification in a Developing Nation
Saloni GUPTA
- 11:55 Can Epithelial Mapping Be a Surrogate Marker to Predict Cataract Surgery Outcomes?
Amulya PUNATI
- 12:00 Evaluation of Change in Contact of Intraocular Lens With Posterior Capsule With Respect to the Orientation of Haptics and After Implantation of a Capsular Tension Ring Using Spectral-Domain Intraoperative Optical Coherence Tomography
Akash JAIN

Glaucoma

Rapid Fire Glaucoma Update Session (3)

11:00 - 12:30 **Venue: Mengwi 1,2 (BNDCC2-GF)**
Chair(s): Colin CLEMENT, Jingjing HUANG

- 11:00 Efficacy and Safety of Penetrating Canaloplasty Versus Canaloplasty for Primary Open-Angle Glaucoma: A Randomized Controlled Trial
Wenqing YE
- 11:05 Angle Closure Glaucoma in a Nanophthalmic Patient With Mutations in MFRP and BEST1
Carmelita JOCSON
- 11:10 Comparison and Clinical Outcomes of Choroidal Detachment Following Phacoemulsification-Trabeculectomy Surgery Versus Glaucoma Drainage Devices.
Nimrita NAGDEV
- 11:15 Comparative Analysis of Implantation of an Intraocular Lens With an Extended Depth of Focus and a Monofocal Intraocular Lens on Retinal Photosensitivity in Patients With Glaucoma
Nadezhda POZDEYEVA
- 11:20 Outcomes From the Australian Combined Phacoemulsification and 3 iStent W Clinical Trial
Colin CLEMENT

- 11:25 Outcomes From the Australian Stand-Alone 3 iStent W Clinical Trial
Colin CLEMENT
- 11:30 Comparing Outcomes of Combined Phacoemulsification and iStent Inject to Phacoemulsification Alone From the Fight Glaucoma Blindness Registry
Colin CLEMENT
- 11:35 Melatonin Prevents EAAC1 Deletion-Induced Retinal Ganglion Cell Degeneration by Inhibiting Apoptosis and Senescence
Chenyang HU
- 11:40 Repeatability of Selective Laser Trabeculoplasty in Open Angle Glaucoma and Ocular Hypertension During the LiGHT China Trial
Yang YANG
- 11:45 Single-Cell Transcriptomic Atlas of Aging Macaque Ocular Outflow Tissues
Jian WU
- 11:50 Genetic Association of Primary Angle-Closure Disease: An Updated Systematic Review and Meta-analysis
Yu Jing LIANG
- 11:55 Cell Atlas of Trabecular Meshwork in Glaucomatous Non-human Primates and DEGs Related to Tissue Contract Based on Single-Cell Transcriptomics
Simeng HOU
- 12:00 Association of Gene Polymorphisms With Normal Tension Glaucoma: A Systematic Review and Meta-analysis
Simeng HOU
- 12:05 Phaco-Endoscopic Cyclophotocoagulation Versus Phaco Alone in Primary Angle Closure Glaucoma-A RCT
Adithi MURTHY
- 12:10 1-Year Efficacy and Safety Virna Glaucoma Implant as a Novel Glaucoma Drainage Device in Advanced Glaucoma Patient
Dyah TRIANGGADEWI
- 12:15 The Effect of Oral Vitamin D on Tumor Necrosis Factor- α Expression in Aqueous Humor of Wistar Glaucoma Model
Pattih PRIMASAKTI
- 12:20 Effect of XEN Gel Stent Implantation on Corneal Astigmatism
Kannawee BOONCHUENCHOM

Ocular Trauma

Rapid Fire Orbital and Oculoplastic Surgery & Ocular Trauma Update Session

- 11:00 - 12:30 **Venue: Uluwatu 6 (BNDCC1-GF)**
Chair(s): Fasika WORETA, Huifang ZHOU
- 11:00 Etiology and Demographic Factors Associated With Open Globe Injuries in the United States: A Multi-Site Study
Fasika WORETA
- 11:06 Patterns and Prognosis of Visual Field Changes in Patients with Traumatic Optic Neuropathy
Jun HEO
- 11:12 D.O.T.S: Documenting Ocular Trauma With Smartscope Kit
Prithvi CHANDRAKANTH
- 11:18 Endoscope-Assisted Vitrectomy in the Treatment of 133 Severely Traumatized Eyes Without Light-Perception
Yang XUN
- 11:24 Ocular Emergency Study (OES): Exploring the Where, How, and What of Ocular Trauma in a Community Eye Hospital
Hom GURUNG
- 11:30 Development of a High-Pixel Channel-Less Dacryoscope
Akemi IWASAKI
- 11:36 Microscopic Deep Orbital Fat Decompression for Thyroid Eye Disease
Tomoyuki KASHIMA
- 11:42 A Phase I Dose Escalation Study to Evaluate the Safety and Tolerability of Single Intravenous Infusion of IBI311 in Healthy Volunteers
Huifang ZHOU
- 11:48 Analysis of Korean Upper Eyelid Contour Using Bezier Curves
Da Young SHIN
- 11:54 A Decade of Experience With Coleman Micro-Fat Graft for Orbital Volume Augmentation in Post-enucleation and Evisceration Sockets
Christine PUTRI
- 12:00 Comparison of Postoperative Outcomes in Cases Undergoing Biopsy and Debulking Surgery for IgG4-Related Dacryoadenitis
Rikako IWASAKI

12:06 Profile of Firework Related Ocular Injuries During Festivals at a Tertiary Eye Hospital, Nepal
Ashma MANANDHAR

Orbital and Oculoplastic Surgery

Rapid Fire Orbital and Oculoplastic Surgery Update Session (2)

09:00 - 10:30 **Venue: Uluwatu 4 (BNDCC1-GF)**
Chair(s): Yunia IRAWATI, Rajendra MAURYA, Ni Made UTARI

09:00 Botox; Management of Upper Eyelid Ptosis
Bassem MORSHED

09:05 Pearls and Paradigms for Orbit, Oculofacial and Lacrimal Surgery Videography
Alexander Gerard Nino GUNGAB

09:10 Comparative Study of Subjective and Objective Outcomes of Ptosis Surgery in a Tertiary Level Hospital
Dikshya BISTA

09:15 Revision of Recurrent Severe Ptosis With Combined Levator-Mullers and Frontalis Advancement Flaps in Eighteen Indian Eyes: A Case Series
Joyeeta DAS

09:20 Quantitative Magnetic Resonance Imaging Predictors of Dysthyroid Optic Neuropathy in Patients With Thyroid Associated Ophthalmopathy
Yun SU

09:25 Agreement Between Agger Nasi and Lacrimal Sac: Radiological Evaluation Compared to Intraoperative Findings in Primary Acquired Nasolacrimal Duct Obstruction Patients That Underwent Endoscopic Dacryocystorhinostomy
Evan REGAR

09:30 Role of Concurrent Intravenous Pulse Steroids and Orbital Radiation in the Management Thyroid Eye Disease
Sonam NISAR

09:35 Comparative Analysis of the Effect of Total Thyroidectomy on Serum Antibody Levels of Patients With Graves' Disease With and Without Thyroid Eye Disease
Kate Angelli LUCERO

09:40 Congenital Upper Eyelid Colobomas: Demographics Features and Surgical Outcomes in Bangladeshi Population.
Md.Ismail HOSSAIN

09:45 Age-specific and Sex-specific Volume of the Orbit and Globe in the Healthy Pediatric Population: A Cross-Sectional Study
Honeylen Maryl TEO

09:50 Bird's Eye-View of 27 Years of Orbital Lesions in a Tertiary Care Hospital in Pakistan
Asad KHAN

09:55 To Evaluate the Role of Intralesional Bleomycin in Periocular Capillary Hemangiomas Non-responsive to Oral Propranolol.
Abhishek KUMAR

10:00 The Relation Between Bony Nasolacrimal Canal And Primary Acquired Nasolacrimal Duct Obstruction
Bayasgalan PUREVDORJ

10:05 Evaluation of Two Surgical Approaches for Orbital decompression: Transconjunctival vs Transnasal
Yinwei LI

Pediatric Ophthalmology and Strabismus

Rapid Fire Pediatric Ophthalmology and Strabismus Update Session (1)

09:00 - 10:30 **Venue: Uluwatu 6 (BNDCC1-GF)**
Chair(s): Justin MORA, Donny SUH

09:00 Effect of Horizontal Strabismus on Mental Health of Children and Adults in China
Hongwei DENG

09:04 Surgical Outcomes of Improved Recession-Resection Versus Decreased Recession-Resection in Patients With Convergence Insufficiency Type Intermittent Exotropia
Miao KONG

09:08 Retinopathy of Prematurity (ROP) Treatment Outcomes in a Single Tertiary Care Hospital in Pakistan
Lubna MIAN

09:12 The Effectiveness of Intra Arterial Chemotherapy (IAC) in Saving Vision Among Eyes With Group B, D and E Retinoblastoma
Lubna MIAN

09:16 Efficacy and Safety of Iris-Claw and Scleral Fixated Intraocular Lens in Pediatric Ectopia Lentis: A Systematic Review
Siti SORAYA

- 09:20 Characteristics and Clinical Outcomes of Low-Dose Atropine Eyedrops for Slowing Myopia Progression in Children: A 5-Year Retrospective Study
Hasiana LUMBAN GAOL
- 09:24 Association of Birth Weight and Gestational Age With Severity of Retinopathy of Prematurity
Tayyaba MALIK
- 09:28 The Downregulation of Apolipoprotein A4 in the Tear Fluid of Preterm Infants May Be a Promising Potential Retinopathy of Prematurity Biomarker
Alicia LIU
- 09:32 A Pilot Randomised Clinical Trial Comparing Muscle Transplant Versus Novel Hang Back Recession in Extra-Large Angle Exotropia
Amar PUJARI
- 09:36 Amplitude of Accommodation and Near Point of Convergence in Children: Its Relation With Age and Refractive Errors
Nabilah AFIFAH
- 09:40 A Modified Yokoyama Procedure: A Report of Two Cases
Lianqun WU
- 09:44 Assessment of Surgical Outcome With Preoperative Prognostic Factors in Horizontal Strabismus Surgery-A Hospital Based Study
Sidratul NAZNIN
- 09:48 Exploring the Efficacy of the Plusoptix S12-C Photoscreener in Identifying Amblyogenic Risk Factors Among Children Aged 6 Months to 6 Years in Rural South India
Kirandeep KAUR
- 09:52 Evaluation of the Morphological Features of the Ciliary Muscle in Children With Anisometropic Amblyopia
Huaxin ZUO
- 09:56 Visual Outcome of Pediatric Cataract Surgery in Children Aged 8 Years and Older
Kabindra BAJRACHARYA
- 10:00 Coats Disease in Vietnam: Clinical Presentation and Outcome
Phu NGUYEN
- 10:04 Intraocular Lens Implantation for Congenital and Developmental Cataract in Infants Under One Year of Age
Kabindra BAJRACHARYA

Retina (Medical)

Rapid Fire Retina (Medical) Update Session (2)

- 11:00 - 12:30 **Venue: Mengwi 3,5 (BNDCC2-GF)**
Chair(s): De-kuang HWANG, Gavin TAN
- 11:00 Variability of Foveal Avascular Zone Measurements Among Filipino Healthcare Worker Eyes Using Optical Coherence Tomography Angiography: A Single Center Study
Roberto Luis FRANCO
- 11:04 Renal Adverse Events in Patients With Diabetic Macular Edema Receiving Intravitreal Vascular Endothelial Growth Factors Inhibitors
Wan-ju annabelle LEE
- 11:08 Long-term Efficacy and Safety of the Port Delivery System With Ranibizumab (PDS) in Patients With Neovascular Age-Related Macular Degeneration (nAMD): Results From the Portal 5-Year Subgroup Analysis
De-kuang HWANG
- 11:12 Correlation of Biomarkers of Central Serous Chorioretinopathy on Optical Coherence Tomography Angiography (OCT-A) With Clinical Course of Disease
Shivangi SINGH
- 11:16 PEDF Prevents Mitochondrial Function Decay and ER Stress Induced by Rotenone in Aging RPE Cells
Ruixue ZHANG
- 11:20 Neuroretinitis: Etiology and Treatment Outcomes in a Tertiary Care Uveitis Centre
Pallavi GOEL
- 11:24 Scleral Thickness Determines the Severity of Central Serous Chorioretinopathy
Naoya IMANAGA
- 11:28 Relationship Between Vortex Vein Anastomoses and Choroidal Vascular Hyperpermeability in Central Serous Chorioretinopathy
Yasunori MIYARA
- 11:32 Port Delivery System With Ranibizumab (PDS) for Continuous Treatment in Diabetic Macular Edema (DME) and Diabetic Retinopathy (DR): Results From the Phase 3 Pagoda and Pavilion Trials
Min SAGONG
- 11:36 Demographic and Clinical Characteristics of a Series of Patients With Presumed Occult Macular Dystrophy: Experience From Eastern India
Jinal GORE

- 11:40 Greater Reduction in Pigment Epithelial Detachment Size With Faricimab vs Aflibercept During Head-to-Head Dosing in Eyes With Neovascular Age-Related Macular Degeneration
Voraporn **CHAIKITMONGKOL**
- 11:44 Greater Reduction in Macular Leakage in Diabetic Macular Edema With Faricimab vs Aflibercept
Gavin **TAN**
- 11:48 Outcomes of Neovascular Age-Related Macular Degeneration Following Treat-and-Extend Regimen Discontinuation
Jose Carlo **ARTIAGA**
- 11:52 FGF1ΔHBS Suppress Retinal Microglial Activation and Ameliorates Neuroinflammation in Type 2 Diabetes Mouse Model
Ding **CHEN**
- 11:56 Solitary Punctate Chorioretinitis—
A Unique Subtype of Punctate Inner Choroidopathy
Yuhong **GAN**

POSTERS

AI, Digital Innovation and Virtual Health

Poster No.: PO-006

A New Path Towards Patient Counselling- an Innovative Approach!

*First Author: Apurva **NAGTODE***

*Co-Author(s): Saloni **JOSHI**, Shivraj **TAGARE***

Poster No.: PO-018

AI Model Achieves High Accuracy in Detecting Diabetic Macula Edema From OCT Images for a Telemedicine Setting

*First Author: Brian **MADOW***

Poster No.: PO-024

AI in Ophthalmology. A Paradigm Shift

*First Author: Noor **AIN***

*Co-Author(s): Tanyaba **MALIK***

Poster No.: PO-011

AI-Based Multilingual Natural Language Processing (NLP) Delivering Real-world Insights for Patient Unmet Needs: Digital Listening for Age-Related Macular Degeneration (AMD) Patients in the Republic of Korea

*First Author: Hyejung **YUN***

*Co-Author(s): Olga **CHERTKOVA**, Hyewon **JEON**, Yan Yoong **LIM**, Djoubeir **MAKHLOUF**, Yi Lin **NG***

Poster No.: PO-009

Application of Deep Learning Algorithm in Predicting Atropine Treatment Response in Children With Myopia Based on Fundus Images

*First Author: Kai Yuan **TEY***

*Co-Author(s): Marcus **ANG**, Joey **CHUNG**, Yong **LI**, Shu Wei **TING**, Angeline **TOH***

Poster No.: PO-019

Assessment of Visual Fatigue by a Virtual Reality Application for Pediatric Amblyopia Therapy

*First Author: Yuichi **OKUMURA***

*Co-Author(s): Masakazu **HIROTA**, Takenori **INOMATA**, Shintaro **NAKAO**, Takashi **NEGISHI**, Eiji **OGAWA***

Poster No.: PO-020

Benchmarking Large Language Models' Performances for Myopia Care: A Comparative Analysis of ChatGPT-3.5, ChatGPT-4.0, and Google Bard

*First Author: Zhi Wei **LIM***

*Co-Author(s): Hsinsun **CHEN**, Yien **LAI**, Janice Sing Harn **LAM**, Krithi **PUSHPANATHAN**, Yih-chung **THAM***

Poster No.: PO-014

ChatGPT as a Virtual Educator: Evaluating its Efficacy in Amblyopia Patient Communication

*First Author: Kirandeep **KAUR***

Poster No.: PO-022

Collaborative Care Between Ophthalmology and Optometry in a Regional Town of Australia Since Introduction of Telehealth Public Funding for Optometry in 2015

*First Author: Jeffrey Kai Chun **MAK***

*Co-Author(s): Angus **TURNER***

Poster No.: PO-023

Demographics, Clinical, Microbiological Profile and Treatment Outcomes of Traumatic Endophthalmitis in Paediatric Population in South India

*First Author: R **SUDARSHAN***

Poster No.: PO-005

Development and Validation of Data-Level Innovation Data Balancing Machine Learning Models for Predicting Optimal Implantable Collamer Lens Size and Postoperative Vault

*First Author: Tao **TANG***

*Co-Author(s): Kai **WANG**, Heng **ZHAO***

Poster No.: PO-008

Diagnostic Accuracy and Feasibility of Artificial Intelligence Based Diabetic Retinopathy Screening in Real-world Primary Care Settings

*First Author: Sanil **JOSEPH***

*Co-Author(s): Thulasiraj **RAVILLA**, Xianwen **SHANG***

Poster No.: PO-021

Efficient Diabetic Retinopathy Classification With No-Code Automated Machine Learning Using Fundus Photographs and Imbalanced Data

*First Author: Jie **YAO***

*Co-Author(s): Kabilan **ELANGO VAN**, Liyuan **JIN**, Daniel **TING***

Poster No.: PO-012

Enhancing External Eye Photography for Ptosis Classification Through Generative Augmentation Techniques

*First Author: Gilbert **LIM***

*Co-Author(s): Kabilan **ELANGO VAN**, Yuan Yuh **LEONG**, Sunny **SHEN**, Licia **TAN**, Shu Wei **TING***

Poster No.: PO-004

Enhancing Procedural Coding Assignment in Ophthalmology With Open-Source Machine Learning and Natural Language Processing

*First Author: Yong Min **LEE***

*Co-Author(s): Stephen **BACCHI**, Robert **CASSON**, Carmelo **MACRI**, Yiran **TAN***

Poster No.: PO-017

Evaluating the Novel Role of ChatGPT in Addressing Corneal Ulcer Queries: An Artificial Intelligence Powered Insight

First Author: Bharat **GURNANI**

Co-Author(s): Logesh **BALAKRISHNAN**, Kirandeep **KAUR**

Poster No.: PO-001

Evaluating the Performance of No-Code Artificial Intelligence Solution to Segment Retinal Pathologies From Optical Coherence Tomography Images

First Author: Laura **GUTIERREZ**

Co-Author(s): Kabilan **ELANGO VAN**, Daniel **TING**

Poster No.: PO-013

Exploring Codeless Approaches in Artificial Intelligence: An Investigation into Transfer Learning and Automated Machine Learning (AML) in the Field of Ophthalmology

First Author: Suklengmung **BURAGO HAIN**

Co-Author(s): Harsha **BHATTACHARJEE**, Henal **JAVERI**, Subham Sinha **ROY**

Poster No.: PO-015

Gradeability of Smartphone Fundus Photos in a Virtual Eye Clinic

First Author: En Qi **TOH**

Co-Author(s): Eunice **GOH**, Kelvin **LI**, Kok Yao **LOW**, Sumaya Khan **RANI**, Boon Peng **YAP**

Poster No.: PO-010

Impact of Pupillary Dilation on Retinal Image Quality and AI-Based Diabetic Retinopathy Detection Among Elderly Patients

First Author: Sanil **JOSEPH**

Co-Author(s): Mingguang **HE**, Kim **RAMASAMY**, Thulasiraj **RAVILLA**, Balagiri **SUNDAR**

Poster No.: PO-002

Perception and Attitudes of Eye Patients and Families Towards the Use of Tele-Ophthalmology and Artificial Intelligence (AI)

First Author: Kelvin **LI**

Co-Author(s): Wan Xi **HO**, Lay Wai **KHIN**, Vanessa **LEE**, Catherine **YOO**

Poster No.: PO-025

Tele-Ophthalmology Versus Face-to-Face Retinal Consultation for Assessment of Diabetic Retinopathy in Diabetes Care Centres in India: A Multicentre Cross-Sectional Study

First Author: Ramachandran **RAJALAKSHMI**

Poster No.: PO-007

Towards Generalist Foundation Model AI in Ophthalmology

First Author: Jian **WU**

Co-Author(s): Jianing **QIU**, Wu **YUAN**

Poster No.: PO-003

Translation of Color Fundus Photography Into High-Resolution Indocyanine Green Angiography Image Using Deep Learning for Age-Related Macular Degeneration Screening

First Author: Danli **SHI**

Co-Author(s): Mingguang **HE**

Poster No.: PO-016

Use of Accessible Apps on Smartphones Among People With Visual Impairment: A Hospital-Based Cross-Sectional Study

First Author: Senjam **SINGH**

Co-Author(s): Vivek **GUPTA**, Jeewan **TITIYAL**, Praveen **VASHIST**

Academia, Research, Teaching and Education in Ophthalmology

Poster No.: PO-029

A Randomized Trial Comparing a Flipped Classroom Case Learning (FCCL) Module Versus a Traditional Lecture-Based (TLB) Module to Teach Ophthalmology in Medical School

First Author: Poemen **CHAN**

Poster No.: PO-036

Aqueous Penetration and Biological Activity of Original and Generic Moxifloxacin 0.5% Ophthalmic Solution in Cataract Surgery Patients

First Author: Abhibol **INO BHAS**

Poster No.: PO-041

Association of VEGF-A Gene Polymorphisms With Response to Anti-VEGF Therapy in Age-Related Macular Degeneration

First Author: Ariunzaya **ALTANKHUYAG**

Poster No.: PO-027

Axial Elongation Trajectories in Chinese Children and Adults With High Myopia: An Eight-Year Prospective Cohort Study

First Author: Shiran **ZHANG**

Co-Author(s): Xiaotong **HAN**, Mingguang **HE**

Poster No.: PO-042

Back to Basics – A Masquerade Syndrome

First Author: Noor **UL AIN**

Co-Author(s): Tayyaba **MALIK**

Poster No.: PO-026

Comparison of Complications and Outcomes of Pediatric Cataract Surgery After Early Versus Late Removal of 10–0 Nylon Sutures

First Author: Abhilasha **KUMARI**

Co-Author(s): Parul Chawla **GUPTA**

Poster No.: PO-037

Competency-Based Training on Eye Surgery Simulator

First Author: Chetan **AHIWALAY**

Co-Author(s): Ashish **BACCHAV**, Kimaya **CHAVAN**

Poster No.: PO-044
Continuous Curvilinear Capsulorhexis Using a Modified Bandage Contact Lens: a Sigh of Relief for First Year Post-graduate Residents?
First Author: Shaibaan **MULLA**

Poster No.: PO-032
Digital Media on Health Education in Ophthalmic Disorders: Are We on the Right Track?
First Author: Madhuwanthi **DISSANAYAKE**

Poster No.: PO-031
Evaluation of YouTube Videos for Information and Education on Amblyopia
First Author: Hennaav **DHILLON**
Co-Author(s): Itisha **GOEL**, Parul **ICHHPUJANI**, Ujjwal Prakash **JHA**, Uday Pratap Singh **PARMAR**

Poster No.: PO-039
Factors Empowering Women to Achieve Success in Academic Oculofacial Plastic Surgery
First Author: Tiffany **HU**
Co-Author(s): Elaine **DOWNIE**, Kendall **GOODYEAR**, Daniel **ROOTMAN**, Kelsey **ROELOFS**

Poster No.: PO-034
Head-Mounted Display (HMD) Assistive Technology for Low Vision and Vision Rehabilitation: An Expert Perspective
First Author: Senjam **SINGH**
Co-Author(s): Sneha **AGGARWAL**, Radhika **TANDON**

Poster No.: PO-040
Improving Undergraduate Ophthalmoscopy Education Using Novel Device Compared to Current Traditional Model (I-OPEN)
First Author: Tina **SHEN**
Co-Author(s): Yew Sen **YUEN**

Poster No.: PO-033
Mitochondrial Histidine Phosphatase LHPP Suppresses Uveal Melanoma Oncogenesis by Reducing Aconitase ACO2 Histidine Phosphorylation in TCA Cycle
First Author: Zhi **YANG**
Co-Author(s): Shengfang **GE**

Poster No.: PO-028
Myopia Progression in Children Wearing Multiple Segments Peripheral Defocus Spectacle Lenses
First Author: Yangfei **PANG**
Co-Author(s): Jinrong **LI**, Qingqing **YE**, Wentong **YU**, Yudan **ZHONG**

Poster No.: PO-030
Objective Assessment of Simulated Surgical Outcomes Using an MSICS Virtual Reality Simulator
First Author: Tony **KOSHY**
Co-Author(s): Senthil **PRASAD**, Sankarananthan **R**, Madhu **SEKHAR**

Poster No.: PO-035
Peer-Reviewed Publication of Abstracts Presented at the 44th Indonesian Ophthalmologists Association Annual Scientific Meeting
First Author: Muhammad **IRFAN**

Poster No.: PO-038
Pioneering the Retina In-Service Exam for Retina Fellowship Trainees in the Philippines
First Author: Jubaida **AQUINO**

Poster No.: PO-045
Real-world Implementation of Deep Learning to Identify the Early Onset of Myopia in Children Using Fundus Imaging
First Author: Yong **LI**
Co-Author(s): Marcus **ANG**, Joey **CHUNG**, Daniel **TING**, Angeline **TOH**

Poster No.: PO-043
Responder of Sleep Apnea Treatment Can Be Classified by Ocular Microcirculation Using Laser Speckle Flowgraphy
First Author: Mao **TAKAHASHI**

Cataract

Poster No.: PO-062
A 24-Month Comparative Analysis of Corneal Endothelial Cell Loss in Three Different Regions Between Femtosecond Laser-Assisted Cataract Surgery and Conventional Phacoemulsification
First Author: Enkhtuvshin **SHIRCHINJAV**
Co-Author(s): Altantsetseg **ALTANSUKH**, Yu-chuan **KANG**, David **MA**, Kathleen Sheng-chuan **MA**

Poster No.: PO-596
A Comparative Analysis of Biometry Measurements Using the Pentacam® AXL Versus the IOLMaster® 500 in Patients With Cataractous Lenses and Concurrent Dry Eye Disease
First Author: Maria Isabela **DE GUIA**
Co-Author(s): Victor **CAPARAS**, Keshia Lourdes **DUYONGCO**, Cristina **TAN**

Poster No.: PO-595
A Comparative Analysis of the Visual Performance of Toric Versus Non-toric Wavefront Optimized Intraocular Lens After Cataract Surgery
First Author: Maria Isabela **DE GUIA**
Co-Author(s): Victor **CAPARAS**, Keshia Lourdes **DUYONGCO**, Cristina **TAN**

Poster No.: PO-066
A Prospective Study of Vivivity & Vivivity Toric IOL in Taiwan: Preliminary Results and Analysis
First Author: Chen-cheng **CHAO**
Co-Author(s): Chao-kai **CHANG**

Poster No.: PO-070

Acute Retrobulbar Hemorrhage After Routine Ophthalmic Regional Block: An Ocular Emergency for Cataract Surgeon

First Author: Suresh **RASAILY**

Poster No.: PO-050

Anterior Segment Imaging With Intraocular Lens (ASPI) for Early Diagnosis and Triaging in Cataract Camp Screening

First Author: Tasneem **NEEMUCHWALA**

Co-Author(s): Aiman **KHAN**

Poster No.: PO-594

Claw Your Way Out or Hold On to the Sclera? Navigating Postoperative Aphakia With Iris Claw and Scleral-Fixated IOLs

First Author: Ayshwaria **BASKER**

Co-Author(s): Venkat Meghana **BHIMANADHAM**, Narayanan **BALAKRISHNAN**

Poster No.: PO-061

Clinical Outcome Following Implantation of Extended Depth of Focus Intraocular Lens (Tecnis® Symphony® ZXR00 Lens) Implant in Axial Length Shorter Than 24mm

First Author: Yuanfei **ZHU**

Co-Author(s): Tiejing **ZHAO**, Weihong **ZHAO**

Poster No.: PO-056

Comparing Intraocular Lens Stability in Combined Vitrectomy Patients: CLOVE Study

First Author: Stephanie **WU**

Co-Author(s): Nicholas **FUNG**, Christopher **GO**, Jeffrey **LO**, Mehnaz **QUDDUS**, Stephanie Wing Ki **YUK**

Poster No.: PO-063

Comparison of Biometry Measurements Between Two Swept-Source Optical Coherence Tomography Biometers

First Author: Lin Ru **KOONG**

Co-Author(s): Ye King **SEE**, Stephen **STEWART**, Tun Kuan **YEO**

Poster No.: PO-048

Comparison of Intra Operative Phaco Energy and Post Op Endothelial Cell Density With and Without the Use of Miloop for Hard Cataracts

First Author: Sanjita **MISHRA**

Co-Author(s): Sheetal **BRAR**, Dr. Deepak **SWAMY**

Poster No.: PO-064

Fulminant Acute Postoperative Endophthalmitis Caused by Pseudomonas stutzeri in a Healthy Elderly Male

First Author: George Michael **SOSUAN**

Co-Author(s): Kevin Kenjee **DEE**, Darren Anthony **KHOW**, Jomel **LAPIDES**, Ruben **LIM BON SIONG**, David Marco **MAGPANTAY**

Poster No.: PO-047

Initial Experience Following the Bilateral Implantation of Eyecryl-Sert Advanced Monofocal Intraocular Lens (IOL)

First Author: Sanjita **MISHRA**

Co-Author(s): Shruti **REVANKAR**

Poster No.: PO-068

Intervention Strategy of Deprivation Amblyopia Caused by Congenital Cataracts

First Author: Yaohong **LIU**

Poster No.: PO-060

Intraocular Lens Power Adjustment for Pediatric Secondary Ciliary Sulcus Implantation

First Author: Yingshi **ZOU**

Co-Author(s): Yizhi **LIU**, Zhenzhen **LIU**

Poster No.: PO-071

Iris-Registration Capsulotomy Marking Versus Digital Imaging and Manual Marking for Toric Intraocular Lens Alignment in Cataract Surgery

First Author: Qingzhong **CHEN**

Poster No.: PO-052

Multifocal Intraocular Lens Implantation in Eyes After Macular Surgery

First Author: Yuanfei **ZHU**

Co-Author(s): Tiejing **ZHAO**

Poster No.: PO-069

Outcomes of Flanged Intracapsular Fixation Technique in a District Centre, a Case Series

First Author: Xiao Wei **TING**

Poster No.: PO-046

Paracentral Acute Middle Maculopathy Following Capsular Bag Distension Syndrome: A Case Report and Literature Review

First Author: Chia-yi **LEE**

Co-Author(s): Yu-shiuan **LIN**, Chenghao **SUNG**

Poster No.: PO-058

Randomised Controlled Study Between Two Techniques of Capsular Opening in Intumescent Cataract- Tomy Rhexis and Mini Rhexis

First Author: Apurva **NAGTODE**

Co-Author(s): Fredrick **MOUTTAPA**, Josephine Christy **SUSAI**

Poster No.: PO-059

Reading Speed Assessment in Presbyopes With Cataract After Bilateral PanOptix Implantation

First Author: Yingjie **LIN**

Co-Author(s): Yun **CHEN**, Xianjun **LIANG**, Yongchang **TAN**, Zheming **WU**, Yanxue **XU**

Poster No.: PO-053

Serum Zinc Level and Plasma Sod Level Evaluation in Cataract Patients Under Oxidative Stress

First Author: Sankha **CHAUDHURI**

Co-Author(s): Madhurima **CHAUDHURI**

Poster No.: PO-049
Systemic Factors, Intraocular Lens, and Ocular Abnormalities in Patients With Intraocular Lens Glistening at a Tertiary Hospital in Semarang
First Author: Azmi **AZIZ**
Co-Author(s): A Rizal **FANANY**, Wisnu **SADASIH**

Poster No.: PO-051
The Veil of Snows – Delayed Presentation of Pupillary Membrane Following Cataract Surgery With Retained Cortical Fragments: A Case Report
First Author: Shaira Haziera **SAMSU**
Co-Author(s): Su Huan **CHONG**, Chong **YING JIUN**

Poster No.: PO-057
The Visual Acuity, Contrast Sensitivity, and Glare Perception Outcome of Enhanced Monofocal vs Extended-Depth-of-Focus Intraocular Lenses: A Systematic Review
First Author: Anggita **OKTAVIANI**
Co-Author(s): A Rizal **FANANY**, Wisnu **SADASIH**

Poster No.: PO-067
Translation and Validation of Vision Disability Assessment (VDA) Questionnaire into Malay Language and Its Application to Assess the Functional Disability Among Cataract Patients in University Malaya Medical Centre (UMMC)
First Author: Yi Wen **LIM**
Co-Author(s): Tengku **KAMALDEN**, Nor Fadhillah **MOHAMAD**, Foong Ming **MOY**

Poster No.: PO-054
Two Different Approaches to Scleral Fixation for Repairing Recurrent Disenclavated Aphakic Iris-claw Lens
First Author: Ludwig **TJOKROVONCO**
Co-Author(s): Budiman **BUDIMAN**, Andrew **KNOCH**, Emmy **SUGIARTI**

Poster No.: PO-065
Visual Outcome After High Volume Cataract Surgeries
First Author: Ibtihal **ISKHANDAR**
Co-Author(s): Nurhayati **ABDUL KADIR**, Yong Zheng **WAI**, Chiang **WAI SENG**

Poster No.: PO-055
Visual and Anatomical Outcomes of Pars Plana Vitrectomy for Dropped Intraocular Lens
First Author: Hussain **KHAQAN**

Cornea, Dry Eyes, External Eye Diseases and Eye Banking

Poster No.: PO-082
A New Perspective on Corneal Healing: Comparative Analysis of VEGF-A Levels and Neovascular Changes Following Alkaline Injury With and Without Topical Vitamin A
First Author: Sandri **SANDRI**

Poster No.: PO-124
A Temporary Artificial Cornea: An Innovative Cost-Effective Technique for Water-Tight Closure of Globe in a Large Corneal Perforation
First Author: Asmita **PATNE**

Poster No.: PO-102
Assessing the Variability in Keratoconus Diagnostic Devices
First Author: Akilesh **GOKUL**
Co-Author(s): Lize **ANGELO**, Mo **ZIAEI**

Poster No.: PO-080
Bandage Contact Lens Management Effect for Refractory Neurotrophic Keratitis After Corneal Perforation – A Case Report
First Author: Ju-kuo **LIN**

Poster No.: PO-094
Bibliometric Analysis of Corneal Imaging Literature
First Author: Mohd Asyraf **ABDUL KADIR**
Co-Author(s): Khairidzan **MOHD KAMAL**, Adzura **SALAM**

Poster No.: PO-074
Bilateral Simultaneous Stromal Microsporidiosis Masquerading As Peripheral Ulcerative Keratitis
First Author: Krishnaja **MANDAVA**
Co-Author(s): Nandini **CHINNAPAI AH**, Himanshu **MATALIA**

Poster No.: PO-131
Case Report: Primary Conjunctival Basal Cell Carcinoma Mimicking an OSSN in a Young Adult Filipino
First Author: Lorenz Jacob **MANGAHAS**
Co-Author(s): Richmond **SIAZON**

Poster No.: PO-133
Changes in Ocular Surface Parameters After Instillation of 3% Diquafosol Ophthalmic Solution With Polyvinylpyrrolidone in Soft Contact Lens Wearers
First Author: Takashi **ITOKAWA**
Co-Author(s): Yuichi **HORI**, Hiroko **IWASHITA**, Koji **KAKISU**, Yukinobu **OKAJIMA**, Takashi **SUZUKI**

Poster No.: PO-125
Changes in Ocular Surface and Precorneal Tear Film in Tobacco Smokers
First Author: Amina **KHALID**
Co-Author(s): Hafiz Muhammad Jahan **ZAIB**

Poster No.: PO-098
Characteristic of Keratoconus Patients Underwent Cross-Linking Post COVID-19 Pandemic in Kuantan, Pahang
First Author: Mohd Asyraf **ABDUL KADIR**
Co-Author(s): Khairidzan **MOHD KAMAL**, Adzura **SALAM**

Poster No.: PO-128

Clinical Characteristics of Elizabethkingia Meningoseptica Ophthalmic Infections: A Case Series

First Author: Kai Ching Peter **LEUNG**
Co-Author(s): Callie **KO**

Poster No.: PO-109

Clinical Outcomes of Minor Ipsilateral-Simple Limbal Epithelial Transplantation (Mini-SLET) Technique for the Treatment of Pterygium

First Author: Ronak **SOLANKI**

Poster No.: PO-110

Collagen Cross Linking for Microbial Keratitis-A Promising Treatment Modality

First Author: Manmeet **SINGH**
Co-Author(s): Sudhakar **POTTI**

Poster No.: PO-086

Combined Use of Therapeutic Hyper-CI Contact Lens and Insulin Eye Drops for the Treatment of Recalcitrant Neurotrophic Keratopathy

First Author: Giuseppe **GIANNACCARE**
Co-Author(s): Massimiliano **BORSELLI**, Giulia **COCO**, Costanza **ROSSI**, Vincenzo **SCORCIA**

Poster No.: PO-130

Comparing Outcomes of Pterygium Surgery Using Bare Sclera With Mitomycin C Drops or Conjunctival Limbal Autograft in a Philippine Tertiary Eye Center

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Corneal Endothelial Cell Damage in Acanthamoeba Keratitis

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Deep Sequencing Analysis of Clinical Samples From Patients With Acute Infectious Conjunctivitis in Khon Kaen, Thailand: A One-Year Prospective Case Series Study

First Author: Pitchapa **SRISURIYAJAN**
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First Author: Mutsumi **KOYAMA**
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Effects of Ranibizumab on Microvasculature, Oxidative Stress and Recurrence in Primary Pterygium Surgery

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Co-Author(s): Reiko **ARITA**, Shima **FUKUOKA**, Sayaka **SUMAZAKI**, Takashi **SUZUKI**

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Efficacy of a Novel Ophthalmic Cyclosporine a Gel in Moderate to Severe Dry Eye Disease: a Post-hoc Analysis of a Randomized Clinical Trial

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Co-Author(s): Charles **MCGHEE**, Himanshu **WADHWA**, Mo **ZIAEI**

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Experimental and Lab Model of Potential Gene Therapy in Keratoconus

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Repetitive Corneal Erosion Induced by 5-FU 1% Solution

First Author: Hayato **TANAKA**

Co-Author(s): Sachiko **MARUOKA**, Daisuke **NAGASATO**, Tomoki **SHIRAKAMI**, Hitoshi **TABUCHI**

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First Author: Hideki **FUKUOKA**

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Safety and Efficacy of Frequency Doubled Nd-Yag Laser Photocoagulation of Corneal Vascularization (NLPC)

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First Author: Cathy **LIAO**

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Subjective Comfort and Tear Film Performance of Long-Term Digital Device Contact Lens Users Transition From Habitual Silicon Hydrogel Lenses to New Material Contact Lenses

First Author: Hanyin **SUN**

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First Author: Siska **SISKA**

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First Author: Ren-yu **YANG**

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The Association of Dry Eye Disease With Functional Visual Acuity and Quality of Life

First Author: Louis **TONG**

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The Effect of Diquafosol on Tear Film Inflammatory Markers of Dry Eye Patients

First Author: Raymund **TANCHULING**

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The Ex Vivo Modeling of Using Own Production Intrastromal Ring During Femtosecond Laser-Assisted Keratoplasty for Prevention of Post-keratoplastic Ametropia

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Three-Dimensional Observation of Primary Cilia in the Corneal Endothelium of a Patient With Fuchs Endothelial Corneal Dystrophy by Confocal Laser Scanning Microscopy and Scanning Electron Microscopy on the Same Sample

First Author: Hidetoshi **TANIOKA**

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Two-Year Follow-up After Application of
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Glaucoma Secondary to Older Adult-Onset
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Case Study
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Association Between Glaucoma Genetic Risk
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Bilateral Lens Subluxation and Unilateral
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Characteristic Differences Between Normotensive and Hypertensive Pseudoexfoliative Glaucoma

First Author: Da Young **SHIN**

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Ciliary Body Size in Chronic Angle-closure Glaucoma

First Author: Songhomitra **PANDA-JONAS**

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Clinical Outcomes of Three Cases of Uncommon Postoperative Delayed Choroidal Suprachoroidal Hemorrhage in Glaucoma Surgery

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Coenzyme Q10 in Promoting Retinal Ganglion Cell Survival on Glaucomatous Animal Model: A Systematic Review and Meta-analysis

First Author: Haikal Hamas **PUTRA IQRA**

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Combined Trabeculo-Trabeculectomy and Cataract Surgery for Pediatric Glaucoma With Lowe Syndrome

First Author: Priscilla **DWIANGGITA**

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First Author: Kazunori **HIRASAWA**

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Comparison of Intraocular Pressure Fluctuation and Glaucoma Progression Rate Between Phakic and Pseudophakic Eyes in Pseudoexfoliation Glaucoma

First Author: Edward **KANG**

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Comparison of the Functioning Intraocular Structures After Trabeculectomy According to Amniotic Membrane Transplantation Using Anterior Segment Optical Coherence Tomography

First Author: Sangwoo **MOON**

Co-Author(s): Sangyoon **KIM**, Jiwoong **LEE**, Seung Ahn **YANG**, Hwayeong **KIM**

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Diagnostic Abilities of Three-Dimensional Anterior Segment Optical Coherence Tomography in Detecting Angle Closure

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Co-Author(s): Janejit **CHOOVUTHAYAKORN**, Shan **LIN**, Phichayut **PHINYO**

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First Author: Wungrak **CHOI**

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Early Outcomes of Ab Interno Microhook
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Evaluation of Irido-Trabecular Contact and Lens
Parameters in Primary Angle Closure Disease:
A Swept-Source Anterior Segment Optical
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GSK840 Alleviates Retinal Neuronal Injury by
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After Ischemia/Reperfusion

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Intraocular Pressure Agreement Between iCare
ic200 and Goldmann Applanation Tonometer in
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Intraocular Pressure Changes in Individuals
Undergoing Hyperbaric Oxygen Therapy: A
Retrospective Study

First Author: Jayanth **ADUSUMALLI**
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Intraocular Pressure Control and Visual Outcome
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Intraocular Lens Implantation – A Case Report

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Intraocular Pressure Profile within 24 Hours after
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Intraocular Pressure-Lowering Effect of
Omidenepag Isopropyl in the Phase 3
SPECTRUM 5 Study: Subgroup Analysis of Prior
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Co-Author(s): Michael E. **TEPEDINO**

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Intravitreal Resveratrol Protects Retinal Ganglion
Cells After Ischemia-Reperfusion Injury in Rats

First Author: Mercia **CHRYSANTI**
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PRIMITASARI

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Intravitreal Triamcinolone Induced Iris Nodules
With Secondary Glaucoma – A Rare Case Series
in Indian Eyes

First Author: Parivadhini **A**
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Investigation on the Prevalence and Influencing
Factors of Different Types of Glaucoma in
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Lack of Causal Association Between Diet-Derived
Circulating Antioxidants and Primary Open-
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First Author: Kun **XIONG**
Co-Author(s): Liang **YUANBO**

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Long-term Outcomes and Complications of Ahmed Glaucoma Valve in Type 1 Keratoprosthesis

First Author: Vishwendra Pratap **SISODIA**
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Micro-invasive Glaucoma Surgery Versus Trabeculectomy in Management of Juvenile Open-Angle Glaucoma

First Author: Ni Putu **LESTARI**
Co-Author(s): I Made Agus **KUSUMADAJA**, Ni Kompyang **RAHAYU**, I Gusti Ayu **SURYANINGRUM**

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Modified Ab-Interno Sulcus Placement of Non Valved Drainage Implant Tube-Early Outcomes of a Novel Technique

First Author: Devendra **MAHESHWARI**
Co-Author(s): Shivam **GUPTA**

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Multicenter Database of Treatment Pattern for Patients with Acute Primary Angle Closure in China

First Author: Xiaojie **WANG**

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Nanophthalmos Associated MYRF Gene Mutation Causes Ciliary Zonule Defects and Facilitates Intraocular Inflammation in Mice

First Author: Xiaowei **YU**
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Poster No.: PO-194

Omidenepag Isopropyl (OMDI) 0.002% and Preservative-Free OMDI (DE-117B) Bioequivalence in Primary Open-Angle Glaucoma or Ocular Hypertension (DAISY)

First Author: Noriko **ODANI-KAWABATA**
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Poster No.: PO-170

Outcomes of Bleb Needling With High Dose (40µg) Injectable Subconjunctival Mitomycin C in Failing or Failed Blebs

First Author: Madhavi **PILLAI**
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Poster No.: PO-184

Outcomes of Non-penetrating Deep Sclerectomy in Advanced Open-Angle Glaucoma in Indian Population

First Author: Drishti **C**
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Poster No.: PO-174

Outcomes of Trabeculectomy – A Single Surgeon, Single Center Experience at Rawalpindi

First Author: Hira **MUAZZAM**
Co-Author(s): Mahmood **ALI**, Farah **AKHTAR**

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Outcomes of iStent Inject Combined With Cataract Surgery in Asian Eyes

First Author: Brandon **HUYNH**
Co-Author(s): Mitchell **LAWLOR**

Poster No.: PO-146

Pars Plana Filtration in Treatment of Refractory Glaucoma – A Pilot Study

First Author: Xiaojie **WANG**

Poster No.: PO-179

Paul Glaucoma Implant for Glaucoma Management in Pediatric Axenfeld-Rieger Syndrome

First Author: Rini **SULASTIWATY**
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Prevalence of Lens-Induced Glaucoma Operated in Tertiary Hospital in Semarang: Two Years Descriptive Study

First Author: Suci **RAHMAYANTI**
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Putting the Mind Under Tension- a Study to Analyse the Cognitive Function in Patients With Normal Tension Glaucoma

First Author: Narayanan **BALAKRISHNAN**
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Quantitative Analysis of Dynamic Iris Changes in Primary Angle Closure Disease with Long Axial Lengths: The Handan Eye Study

First Author: Ye **ZHANG**
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Risk Factor of Elevated Intraocular Pressure (IOP) Postoperatively Following Pars Plana Vitrectomy: A 12-Months Follow-up

First Author: Intan **ADIYANTO**
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Risk Factors for the Development of Malignant Glaucoma Following Intraocular Surgery; a Case-Control Study

First Author: Shantha **BALEKUDARU**
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Role for NLRP3 Inflammasome-Mediated, Caspase1-Dependent Response in Glaucomatous Trabecular Meshwork Cell Death and Regulation of Aqueous Humor Outflow

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Co-Author(s): Titiek **ERNAWATI**, Kevin **HENDRAWAN**,
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Safety and Efficacy of Ab-Interno Canaloplasty
Using the iTrack Across All Grades of Glaucoma
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First Author: Andika **WITONO**
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Short Term Repeatability of Home Tonometry
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Structure-Function Relationship Between
Steady-State Pattern Electroretinogram, Optical
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Co-Author(s): Joohwang **LEE**, Jiwoong **LEE**, Sangwoo
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Sturge-Weber Syndrome: Diagnosed at Middle
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Surgical Outcome of XEN Gel Stent in Open-
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Technique: A 2-year of Follow-up Study in South
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The Effect of Early Post Trabeculectomy Bleb
Leakage on Surgical Outcome: A Prospective
Cohort Study
First Author: Maryam **YADGARI**
Co-Author(s): Nader **NASSIRI**, Kavousnezhad **SARA**,
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The Effect of Oral Caffeine on Ganglion Cell-
Inner Plexiform Layer (GC-IPL) Thickness in
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First Author: Astria **YUSWIR**

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The Effect of the Hypertensive Phase on the
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Fluctuation for Moderate to Advanced
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Comparison of Orthokeratology, Defocus Incorporated Multiple Segments (DIMS) Lens, and Combined With 0.01% Atropine Treatment for Myopia Control in 6- to 14-Year-Old Children

First Author: Tao **TANG**
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First Author: Joey **CHUNG**
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First Author: Saiko **MATSUMURA**
Co-Author(s): Yuichi **HORI**, Riyo **IIDA**, Momoko **KAWAKAMI**, Tadashi **MATSUMOTO**

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Rigid Gas Permeable (RGP) Contact Lens Treatment For High Compound Myopic Astigmatism With Isoametropic Amblyopia

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The Association of Mental Health, Vision Impairment, and Eyeglasses Usage Among Junior High School Students: Evidence From Rural China

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The Atropine Treatment Long-Term Assessment Study (ATLAS): 10 to 20-Year Safety and Outcomes Report

First Author: Wen Pei Angeline **TOH**
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First Author: Monica **JONG**
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The Binocular Visual Function in Young Adults Wearing With a Persistent History of Orthokeratology Lenses Correction

First Author: Chen-shan **WEI**
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First Author: Bilian **KE**
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First Author: Hongmei **ZHANG**

Neuro-Ophthalmology

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First Author: Reuben **FOO**
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First Author: Sameer **CHAUDHARY**
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Ganglion Cell Density (Experimental Study of
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Sole Manifestation of Brain Metastasis From
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Co-Author(s): Shu-chun **KUO**, Chia Yi **LEE**, Wan-ju
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Profile of Wilson Disease Patients With Variable
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Neuromyelitis Optica IgG Causes Primary Retinal Damage via Interactions Between Müller Cells and Microglia

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No Light Perception Following Uneventful Cataract Surgery

First Author: Madhumita **GOPAL**

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Optic NEWritis – The Indian Scenario of Challenges Faced in Diagnosis and Management in the Evolving Landscape of Optic Neuritis (ON)

First Author: Chinmay **MAHATME**
Co-Author(s): Madhurima **KAUSHIK**, Karthik **KUMAR**, Virna **SHAH**

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Optic Neuropathy Secondary to COVID-19 Vaccination: A Case Report

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Pattern Reversal Visual Evoked Potential in Indonesian Adults: Normative Data and the Effect of Gender

First Author: Dewi Nugrahwati **PUTRI**
Co-Author(s): Muhammad Iqbal **BASRI**, Yunita **MANSYUR**, Habibah **MUHIDDIN**, Batari **UMAR**, Andi Alfian **ZAINUDDIN**

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Recovery Visual Outcome of Direct Traumatic Optic Neuropathy: A Case Report

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Sudden Vision Loss and Herpes Zoster Ophthalmicus Associated with Hyaluronic Acid Filler Injection

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First Author: Igor **AZNAURYAN**

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First Author: Ajinkya **DESHMUKH**

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First Author: Henal **JAVERI**

Co-Author(s): Divyansh **MISHRA**, Mahesh Shanmugam **PALANIVELU**, Rajesh **RAMANJULU**

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First Author: Sumaira **ALTAF**

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First Author: Iksoo **BYON**

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First Author: Basitali **LAKHANI**

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First Author: Janki **BHAYANI**

Co-Author(s): Sheetal **BRAR**, Dr.shubhangi **SHEVALE**

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First Author: Tatsuya **SAKAMOTO**
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First Author: Akanksha **PANDIT**
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A Masquerade of Central Serous Chorioretinopathy

First Author: Wei Kiong **NGO**
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Alteration of Perivascular Reflectivity on Optical Coherence Tomography of Branched Retinal Vein Obstruction

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Association of Hemoglobin and Glycated Hemoglobin Levels With Severity of Diabetic Retinopathy

First Author: Ashma **KC**

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Asymptomatic and Symptomatic Features and Genotypes in Familial Exudative Vitreoretinopathy

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Choroidal Changes in an Unusual Case of Acute Posterior Multifocal Placoid Pigment Epitheliopathy

First Author: Sandeep **KUMAR**

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First Author: Colin **TAN**

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Cilioretinal Artery-Sparing Central Retinal Artery Occlusion as the Primary Manifestation of Anti-phospholipid Antibody Syndrome in a Young Male

First Author: Sharmaine Anjanette **NG**

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Clinical Efficacy and Safety of Suprachoroidal Triamcinolone Acetonide in Resistant Diabetic Macular Edema

First Author: Ambreen **GUL**

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Clinical Features of Bilateral Involvement of Myopic Choroidal Neovascularization

First Author: Soo Hyun **LIM**

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Comparative Study of Topical Steroids vs Nonsteroidal Anti-inflammatory Drugs to Control Post-cataract Surgery

First Author: Hafiz Muhammad Jahan **ZAIB**

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Compounded Risks: Cataracts and Diabetic Retinopathy in the Context of Escalating Diabetic Macular Edema Severity

First Author: Hutami **UMMIYATI**

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Effect of Intravitreal Bevacizumab Injection on Macular Thickness and Proangiogenic Biomarkers in Serum and Vitreous of Patients With Diabetic Macular Edema

First Author: Tayyaba **MALIK**

Poster No.: PO-519

Efficacy and Safety of Biosimilar Ranibizumab Versus Innovator Ranibizumab in Neovascular (Wet) Age Related Macular Degeneration: A Double-blind, Randomized, Multicenter, Phase III Study

First Author: Ajitkumar **GONDANE**

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Fundus Auto Fluorescence and Spectral Domain Optical Coherence Tomography in Early Detection of Hydroxychloroquine Retinal Toxicity

First Author: Meera **NASRIN**

Poster No.: PO-505

Intravitreal Brolucizumab for Chronic Central Serous Chorioretinopathy Without Choroidal Neovascular Membrane – A Pilot Study

First Author: Srishti **RAMAMURTHY**

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Poster No.: PO-525

Intravitreal Panitumumab and Retinal Pigment Epithelium Proliferation in Laser-Induced Retinal Degeneration in Rabbits

First Author: Gyulli **KAZAKBAEVA**

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Poster No.: PO-518

Intravitreal Ranibizumab Injections Reduce Retinal Venular Calibre in Patients With Diabetic Macular Edema

First Author: Sanj **WICKREMASINGHE**

Co-Author(s): Noha **ALI**, Lauren **HODGSON**, Lyndell

LIM, Sukhpal Singh **SANDHU**

Poster No.: PO-507

Intravitreal Tissue Plasminogen Activator and Gas Injection in a Case of Sub-macular Haemorrhage With Choroidal Rupture Post Blunt Trauma

First Author: Stuti **ASTIR**

Co-Author(s): Charu **GUPTA**, Daraius **SHROFF**

Poster No.: PO-513
Intravitreal Triamcinolone Acetonide (IVTA)
Versus Anti-vascular Endothelial Growth Factor
(Anti-VEGF) in Management of Diabetic Macular
Edema (DME)

First Author: Ni Putu **LESTARI**
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Poster No.: PO-545
Jalili Syndrome – A Rare Association of Cone
Rod Dystrophy

First Author: Noor **UL AIN**

Poster No.: PO-600
LECT2 Ameliorates Blood–Retinal Barrier
Impairment Secondary to Diabetes via
Activation of the Tie2/Akt/mTOR Signaling
Pathway

First Author: Yuanjun **QIN**
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Microvascular Abnormalities in Myopic
Retinoschisis: A Case Series and Literature
Review

First Author: Huan **CHEN**
Co-Author(s): Youxin **CHEN**, Lihui **MENG**

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Mild, Late-Onset, and Slowly Progressive
Cone Dystrophy in Patients With Homozygous
Hypomorphic p.Arg1933Ter Variant in RP1 Gene

First Author: Seung Woo **CHOI**
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Non-pharmacological Clinical Interventions to
Reduce Pain and Anxiety During Intravitreal
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First Author: Juan Lyn **ANG**
Co-Author(s): Shyamanga **BOROOAH**, Peter **CAKETT**,
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Novel OCT Biomarkers in Diabetic Macular
Edema

First Author: Pinank **KHARKANDE**

Poster No.: PO-532
OCT Features of Disease Activity After Initial
Treatment of Neovascular Age-Related Macular
Degeneration

First Author: Colin **TAN**

Poster No.: PO-527
Ocular Change Mimicking Inherited Retinal
Degeneration As Early Indicators of Hereditary
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First Author: Yingwei **WANG**
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Optic Disc Oedema After Injection Brolucizumab
for Polypoidal Choroidal Vasculopathy

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Paediatric Racemose Hemangioma Presenting
With Central Retinal Vein Occlusion

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Poster No.: PO-548
Performance of “Treat and Extend” Anti-VEGF
Therapies (Aflibercept, Ranibizumab) Used for
Diabetic Macular Oedema in West of Scotland at
1 Year

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WILLIAMS

Poster No.: PO-520
Progression Factor of Geographic Atrophy and
Visual Acuity in Non-exudative AMD

First Author: Kiyoun **KIM**
Co-Author(s): Junkyu **LEE**, Junwoo **LEE**, Seung Young
YU

Poster No.: PO-539
Progression Patterns of Myopic Traction
Maculopathy in the Fellow Eye After Pars Plana
Vitreotomy of the Primary Eye

First Author: Kangjie **KONG**
Co-Author(s): Yingqin **NI**, Yingchao **WANG**, Sisi **XU**,
Gezhi **XU**

Poster No.: PO-547
Purtscher-Like Retinopathy and Paracentral
Acute Middle Maculopathy Following Breast
Filler Injection

First Author: Xu Kent **PEE**
Co-Author(s): Adeline **LOW SHAN LYN**, Shelina **OLI**
MOHAMED, Chong **YING JIUN**, Mas **PUTRIKU INTAN**

Poster No.: PO-535
Purtscher-Like Retinopathy in Systemic Lupus
Erythematosus: Clinical Features, Risk Factors
and Prognosis

First Author: Lihui **MENG**
Co-Author(s): Huan **CHEN**

Poster No.: PO-512
Retinopathy of Prematurity Computerized
Screening and Monitoring Systems in a Tertiary
Hospital in Ilocos Norte, Philippines

First Author: Edlyn **NARAVAL**
Co-Author(s): Moida Via **CAYABYAB**, Rocamia **FERMIN**,
Maria Fe **NAVARRETE**, Jennifer Joy **SANTOS-RAYOS**

Poster No.: PO-504
Reverse Masquerade: Cytomegalovirus Retinitis
Mimicking Ocular Tuberculosis

First Author: Jeffrey Wei Kiat **ONG**
Co-Author(s): Kevin **KWAN**, Hong Nien **LEE**

Poster No.: PO-531
 Role of Ophthalmic Screening and Fundus Fluorescein Angiography in Takayasu's Arteritis
 First Author: Komal **AGARWAL**
 Co-Author(s): Samridhi **AKANKSHA**

Poster No.: PO-500
 Split Within a Split: A Rare Case of Bacillary Layer Detachment in Case of Diabetic Macular Edema
 First Author: Akanksha **PANDIT**
 Co-Author(s): Pradeep Sagar B K, Suchitra Kumari **BISWAL**, Parvathy **PRABHAKARAN**, Ravi **SHANKAR**

Poster No.: PO-544
 The Association Study of CFH Gene Polymorphisms With Age-Related Macular Degeneration
 First Author: Ariunzaya **ALTANKHUYAG**

Poster No.: PO-502
 The Effect on Changes in Intraocular Pressure During Intravitreal Anti-vascular Endothelial Growth Factor Injection With Prophylactic Prostaglandin Analogue or Topical Beta Blocker
 First Author: Stephanie Wing Ki **YUK**
 Co-Author(s): Nicholas **FUNG**, Stephanie **POON**

Poster No.: PO-528
 The Relationship Between Diabetic Retinopathy and Oxidative Stress in Middle Age
 First Author: Tatsu **OKABE**
 Co-Author(s): Hiroshi **KUNIKATA**, Toru **NAKAZAWA**, Masayuki **YASUDA**

Poster No.: PO-534
 Trapa bispinosa Roxb. Inhibits the Insulin-Dependent AKT/WNK1 Pathway to Induce Autophagy in Mice With Type 2 Diabetes
 First Author: Takahiro **SUZUKI**
 Co-Author(s): Takehito **SATO**, Yasuyuki **SUZUKI**

Poster No.: PO-530
 Treatment of Recalcitrant nCNV Using Brolucizumab With a Novel Treat and Extend Protocol – A Randomized Controlled Study
 First Author: Nicholas **FUNG**
 Co-Author(s): Timothy **LAI**, Jason **PANG**

Poster No.: PO-508
 Unilateral Optic Disc Edema As the Presenting Feature of Vogt-Koyanagi-Harada (VKH) Disease in a Patient of Psoriasis
 First Author: Abha **GUPTA**
 Co-Author(s): Reema **BANSAL**, Sabia **HANDA**

Poster No.: PO-503
 Unilateral Presentation of Best Vitelliform Macular Dystrophy
 First Author: Abhishek **KUMAR**
 Co-Author(s): Shorya **AZAD**, Mousumi **BANERJEE**

Poster No.: PO-514
 Unveiling the Depths With Swept-Source OCTA in a Case of Combined Vascular Block
 First Author: Sandeep **KUMAR**

Poster No.: PO-550
 Wide-Field Imaging With Smartphone Based Fundus Camera: Grading of Severity of Diabetic Retinopathy and Locating Peripheral Lesions in Diabetic Retinopathy
 First Author: Ramachandran **RAJALAKSHMI**

Retina (Surgical)

Poster No.: PO-578
 27-Gauge MIVS Assisted Sutureless Flapless Scleral Fixation of Intraocular Lens (SFIOL)
 First Author: Shivani **CHHABRA**
 Co-Author(s): Ashish **MARKAN**

Poster No.: PO-560
 A Case Series of Exogenous Fungal Endophthalmitis: Lessons Learned and Treatment Approaches
 First Author: Gajendra **CHAWLA**
 Co-Author(s): Neha **BIJLANI**

Poster No.: PO-555
 A Retrospective Single Centre Analysis Surgical Outcome After Vitrectomy for Cytomegalovirus Retinitis Related Retinal Detachment in Acquired Immunodeficiency Syndrome Patients
 First Author: Seng Hong **YEOH**
 Co-Author(s): Widad Bin Md Yusof @ Mohd Yusof -, Zabri **BIN KAMARUDIN**, Pei Fang **NEOH**

Poster No.: PO-577
 Anatomical and Functional Outcomes of Large Versus Massive Macular Holes
 First Author: Pallavi **GOEL**
 Co-Author(s): Manisha **AGARWAL**

Poster No.: PO-566
 Anatomical and Functional Recovery After Subretinal Injection of Tissue Plasminogen Activator (tPA) for Submacular Hemorrhage: A Case Report
 First Author: Astriviani **SWITANIA**
 Co-Author(s): Joshua **LUMBANTOBING**, Soefiandi **SOEDARMAN**

Poster No.: PO-556
 Changes in Retinal Vascular Geometry After Vitrectomy in Idiopathic and Uveitic Epiretinal membrane
 First Author: Kunho **BAE**
 Co-Author(s): Changhwan **LEE**

Poster No.: PO-561
Combination Therapy vs Laser Monotherapy in a Preterm Baby With Aggressive Retinopathy of Prematurity in Zone 2 Posterior With Traction
First Author: Stuti **ASTIR**
Co-Author(s): Charu **GUPTA**, Sandeep **KUMAR**, Daraius **SHROFF**

Poster No.: PO-572
Correlation Between Optical Coherence Tomography Findings and Postoperative Visual Acuity in Foveal-Splitting Rhegmatogenous Retinal Detachment
First Author: Momoko **TAKAHASHI**
Co-Author(s): Hidetugu **MORI**, Kanji **TAKAHASHI**, Haruhiko **YAMADA**

Poster No.: PO-565
Endophthalmitis Caused by Pseudomonas aeruginosa: A Rare Successful Outcome Following Pars Plana Vitrectomy
First Author: Krishnaliani **WETARINI**
Co-Author(s): Ari **ANDAYANI**, I Gusti Ayu **JULIARI**, Ida Ayu Ary **PRAMITA**, Ni Made Ari **SURYATHI**

Poster No.: PO-581
Expansile Gas Kinetics for Pneumatic Retinopexy
First Author: Steven **TOH**
Co-Author(s): Jean-yves **GUILLEMAUT**, Boguslaw **OBARA**, David H **STEEL**, Boon Lin **TEH**, Tom **WILLIAMSON**

Poster No.: PO-568
Family Screening of a Child With Sticklers Syndrome and Its Clinical Picture
First Author: Abhishek **JAIN**
Co-Author(s): Ruma **GUPTA**, Manju **VERMA**

Poster No.: PO-567
Influence of Vitreoretinal Surgery on Ocular Surface Dynamics Using Keratograph 5M
First Author: Gyu Eun **HWANG**
Co-Author(s): Hoon Dong **KIM**, Eung Suk **LEE**

Poster No.: PO-554
Late-Onset Retinal Detachment in Untreated Retinopathy of Prematurity: A Case Report
First Author: Ari **DJATIKUSUMO**
Co-Author(s): Seruni **ARDHIA**

Poster No.: PO-575
Macular Structural Abnormalities in Patients With Metamorphopsia After Rhegmatogenous Retinal Detachment Surgery
First Author: Hirika **GOSALIA**
Co-Author(s): Karan A.K. **KUMARSWAMY**, Veerappan **SARAVANAN**

Poster No.: PO-557
OCT Biomarkers in Rhegmatogenous Retinal Detachment (RRD) and Their Correlation With Visual Outcome
First Author: Thirumalesh **M B**
Co-Author(s): Aayasha **KHANUM**

Poster No.: PO-562
Optimizing Amniotic Graft Manipulation in Macular Hole Retinal Detachment Surgery: The Role of Incomplete Fluid-Air Exchange
First Author: Shu-chun **KUO**
Co-Author(s): Chia-yi **LEE**, Chenghao **SUNG**

Poster No.: PO-558
Outcome of Laser Treatment for Retinopathy of Prematurity in Makassar, Indonesia
First Author: Idayani **PANGGALO**
Co-Author(s): Budu, Ichsan **ANDI**, Dyah Ayu **ASMARA PUTRI**, Andi **TAJUDDIN**

Poster No.: PO-571
Outcome of the Management of Aggressive Retinopathy of Prematurity
First Author: Tanzina **ISLAM**

Poster No.: PO-582
Papillary Vitreous Detachment as a Possible Accomplice in Non-arteritic Anterior Ischaemic Optic Neuropathy
First Author: Xiaorong **LI**
Co-Author(s): Dong **LI**, Rongguo **YU**, Shuo **SUN**

Poster No.: PO-574
Performance of the 25 Gauge 20,000cpm HYPERVIT Dual Blade vs. 10,000cpm ULTRAVIT Vitrectomy Cutter – A Prospective, Randomized Controlled Trial
First Author: Nicholas **FUNG**
Co-Author(s): Wai Ching **LAM**, Wai Yan **LAM**, Jeffrey **LO**, Jason **PANG**, Mehnaz **QUDDUS**

Poster No.: PO-559
Posterior Approach With Phacofragmatome for Cataract With Fuchs' Endothelial Corneal Dystrophy
First Author: Lily **ARFIANI**
Co-Author(s): Budu, Ichsan **ANDI**, Hasnah **EKA**

Poster No.: PO-573
Repeat Pneumatic Retinopexy for Recurrent Retinal Detachment in a Case of Giant Retinal Detachment
First Author: Harshit **VAIDYA**

Poster No.: PO-580
Retinal Sensitivity Changes in Large Macular Holes Following Inverted Internal Limiting Membrane Flap Technique Surgery
First Author: Wei-yu **HUANG**

Poster No.: PO-563
Retinectomy and Postponement of Endolaser in Total Rhegmatogenous Retinal Detachment With Advanced Proliferative Vitreoretinopathy: A Case Report
First Author: Aderiesta **PADMASTRIMAYA**
Co-Author(s): Arief **WILDAN**

Poster No.: PO-570

Risk Factors for Epiretinal Membrane Following Pars Plana Vitrectomy for Uncomplicated Rhegmatogenous Retinal Detachment

First Author: Dayeong **KIM**

Co-Author(s): Minhee **KIM**, Young Jung **ROH**

Poster No.: PO-552

Scleral Buckling and Its Modifications in Unique Situations

First Author: Henal **JAVERI**

Co-Author(s): Divyansh **MISHRA**, Mahesh Shanmugam **PALANIVELU**, Rajesh **RAMANJULU**

Poster No.: PO-579

Scleral Buckling with Adjuvant Pneumatic Retinopexy versus Scleral Buckling Alone for the Treatment of Rhegmatogenous Retinal Detachment

First Author: Yong Je **CHOI**

Co-Author(s): Kwangsic **JOO**, Young Hoon **JUNG**, Min Seok **KIM**, Se Joon **WOO**

Poster No.: PO-576

Structural and Functional Analysis of Multiple Subretinal Fluid Blebs after Successful Surgery for Rhegmatogenous Retinal Detachment

First Author: Yingchao **WANG**

Co-Author(s): Kangjie **KONG**, Yingqin **NI**, Sisi **XU**

Poster No.: PO-569

Visual Improvement Outcome of Pars Plana Vitrectomy Combined Endofragmentation and Secondary IOL Implantation for Dropped Nucleus After Cataract Surgery: A Case Report

First Author: Saut **SIMAMORA**

Translational Research in Ophthalmology

Poster No.: PO-585

Amblyopia: What Does the Future Hold?

First Author: Piyush **JAIN**

Poster No.: PO-583

Biomarker Profile in Aqueous Humor in Patients With Retinal Vein Occlusion With Macular Edema

First Author: Thirumalesh **M B**

Co-Author(s): Aayasha **KHANUM**

Poster No.: PO-584

Polymorphism of Exon 42 and 48 in Col4A4 Gene Among the Malaysian Population With Keratoconus

First Author: Hong Nien **LEE**

Co-Author(s): Visvaraja **SUBRAYAN**

Visual Sciences

Poster No.: PO-591

Characteristics and Neurogenic Properties of Primary and Immortalized Mouse Müller Glial Cells

First Author: Hang **TRAN**

Co-Author(s): Shinichi **FUKUDA**, Donny **LUKMANTO**

Poster No.: PO-593

Efficacy of Dichoptic Contrast Discrimination Training in Patients With Amblyopia With or Without Alternating Fixation

First Author: Taylor **BRIN**

Co-Author(s): Syunsuke **ARAKI**, Goro **MAEHARA**, Atsushi **MIKI**

Poster No.: PO-588

Low Vision Management in Aphakic Retinitis Pigmentosa Patients: The Role of Contact Lenses

First Author: Veronica **SINURAT**

Co-Author(s): Joan **HUTABARAT**, Ine **MUSA**, Karmelita **SATARI**, Susanti **SIRAIT**

Poster No.: PO-587

Lycium barbarum Polysaccharide Promotes Corneal Re-epithelialization After Alkaline Injury

First Author: Kendrick **SHIH**

Co-Author(s): Yashan **BU**, Yau Kei **CHAN**, Ho Lam **WONG**

Poster No.: PO-590

Optimising Umbilical Cord Stem Cells for the Treatment of Corneal Endothelial Disorders

First Author: Anmol **SANDHU**

Co-Author(s): Salim **ISMAIL**, Judy **LOH**, Jennifer **MCGHEE**, Trevor **SHERWIN**, Jie **ZHANG**

Poster No.: PO-589

Real-world Psychophysics and Neuroimaging Outcomes of Gene Therapy With Voretigene Neparvovec

First Author: João Pedro **MARQUES**

Co-Author(s): Miguel **CASTELO-BRANCO**, Mariana **FERREIRA**, Hugo **QUENTAL**, Miguel **RAIMUNDO**

Poster No.: PO-592

Small Chemicals-Mediated Müller Glia to Retinal Neuron Conversion

First Author: Donny **LUKMANTO**

Co-Author(s): Shinichi **FUKUDA**, Hang **TRAN**

Poster No.: PO-586

Understanding Monocular Pupillary Distance for Prescribing Glasses

First Author: Priethikka **M S**

Co-Author(s): Chandrasekaran **B**

POSTER DISCUSSION SESSIONS

FEB
22,
2024
(THU)

APAO Poster Discussion I

10:30 - 11:00 **Venue: Showcase Theater (Nusa Dua Hall, BNDCC1-GF)**

Chair(s): Ariesanti **HANDAYANI**, Yeni **LESTARI**, Syntia **NUSANTI**

- 10:30 Axial Elongation Trajectories in Chinese Children and Adults With High Myopia: An Eight-Year Prospective Cohort Study
Shiran **ZHANG**
- 10:34 Translation of Color Fundus Photography Into High-Resolution Indocyanine Green Angiography Image Using Deep Learning for Age-Related Macular Degeneration Screening
Danli **SHI**
- 10:38 Characteristics and Neurogenic Properties of Primary and Immortalized Mouse Müller Glial Cells
Hang **TRAN**
- 10:42 Impact of the COVID-19 Pandemic on Care-Seeking Behavior in Ophthalmology Department: A Systematic Review and Meta-analysis
Kunihiko **HIROSAWA**
- 10:46 Association of Lamina Cribrosa Morphology With Retinal Nerve Fiber Layer Thickness and Visual Field Defects in Primary Open-Angle Glaucoma.
Vy **LY NGOC PHUONG**

FEB
23,
2024
(FRI)

APAO Poster Discussion II

12:00 - 12:30 **Venue: Showcase Theater (Nusa Dua Hall, BNDCC1-GF)**

Chair(s): Faraby **MARTHA**, Astrianda **SURYONO**

- 12:00 Methicillin-Resistant Staphylococcus aureus Keratitis After Corneal Collagen Cross-Linking
Rohit **DUREJA**
- 12:04 Lack of Causal Association Between Diet-Derived Circulating Antioxidants and Primary Open-Angle Glaucoma: A Mendelian Randomization Study
Kun **XIONG**
- 12:08 Visual and Refractive Outcome of New Generation Small Incision Lenticule Extraction (Smile) in Compound Myopic Astigmatism
Dini **DHARMAWIDIARINI**
- 12:12 Metabolomic Phenotyping of Obesity for Profiling Cardiovascular and Ocular Diseases
Pingting **ZHONG**
- 12:16 Outcomes of Flanged Intrasccleral Fixation Technique in a District Centre, A Case Series
Xiao Wei **TING**

APAO Poster Discussion III

14:30 - 15:00 **Venue: Showcase Theater (Nusa Dua Hall, BNDCC1-GF)**

Chair(s): Yulia **AZIZA**, I Gusti Ayu **JULIARI**, Anak Agung Mas **TRININGRAT**, Putu **YULIAWATI,MD**, Rusti **HANINDYA**

- 14:30 Bilateral Neuroretinitis as a Rare Complication of Dengue Fever
Laura **DJUNAEDI**
- 14:34 Establishment of a Novel Optic Nerve-Specific In Vivo Mouse Model of Neuromyelitis Optica Spectrum Disorder Related Optic Neuritis
Shaoying **TAN**

06

SUBMITTED PROGRAM

- 14:38 Ocular Trauma Among Older Adults In An Urban Teaching Hospital in Malaysia
Tengku KAMALDEN
- 14:42 Eyespirator - A Novel Do-It-Yourself Suction Apparatus
Padmapriya V
- 14:46 A Case of Severe Proptosis from Diffuse Large B Cell Lymphoma
Fitri OTHMAN



APAO Poster Discussion IV

09:00 - 09:30 **Venue: Showcase Theater (Nusa Dua Hall, BNDCC1-GF)**

Chair(s): Ari DJATIKUSUMO, Julie BARLIANA

- 09:00 The Atropine Treatment Long-term Assessment Study (Atlas): 10 to 20-Year Safety and Outcomes Report
Wen Pei Angeline TOH
- 09:05 Bilateral Enhanced Intermediate Vision Monofocal Iol Implantation in a 13-Year-Old With Acquired Cataract Secondary to Diabetes Mellitus Type 1
Jo Michael MANIWAN
- 09:11 Purtscher-Like Retinopathy in Systemic Lupus Erythematosus: Clinical Features, Risk Factors and Prognosis
Lihui MENG

E-POSTERS

AI, Digital Innovation and Virtual Health

A Deep Learning Model for the Screening of Age-Related Macular Degeneration in Taiwan

First Author: Tsui-kang **HSU**
Co-Author(s): Yi-ting **HSIEH**, An-fei **LI**, Chia-chen **TSAI**

AI-Powered Diabetic Retinopathy Screening

First Author: Tumenjargal **ERDENEBAATAR**
Co-Author(s): Bayasgalan **PUREVDORJ**

Accuracy Level of Cataract Detection Based on Artificial Intelligence on Slit Lamp and Smartphone Camera Eye Photos

First Author: Samsul **ARIFIN**
Co-Author(s): Yuita **ARUM SARI**, Hera **DWINOVITA**, Hidayat **SUJUTI**

Addressing the Burden and Unmet Needs Associated With Medical Device Maintenance: A Targeted Literature Review

First Author: Carine C.W. **HSIAO**
Co-Author(s): Margaret **AINSLIE-GARCIA**, Senol **DEMIRCAN**, Zhi (Wendy) **WANG**

Artificial Intelligence (AI) in Screening of Diabetic Retinopathy at Sindh Institute of Ophthalmology and Visual Sciences (SIOVS) Hyderabad Sindh Pakistan

First Author: Khalid **TALPUR**

Comparing the Accuracy of a Tertiary Center's Endocrinologists' Grading on Referable Diabetic Retinopathy With a US FDA Approved Artificial Intelligence System

First Author: Chi Lik **AU**

Corneal Opacity Blindness and Visual Impairment Prevalence and Barriers for Keratoplasty Services in a North Indian State

First Author: Praveen **VASHIST**
Co-Author(s): Noopur **GUPTA**, Sumit **GROVER**, Vivek **GUPTA**, Sarath **S**, Senjam **SINGH**

Cybernetic Revolution in Ocular Surgery: Status Quo and Quo Vadis

First Author: Indra **NINGRUM**
Co-Author(s): Izzati Amayazifun Khalifa **FARZANA**, Marchia **PRIMARHYANI**, Supanji **SUPANJI**, Disorn **SUWAJANAKORN**

Development of a Prediction Model for Seasonal Ocular Conjunctivitis Based on Conjunctival Image Analysis Collected Through a Smartphone Application

First Author: Yuki **MOROOKA**
Co-Author(s): Yasutsugu **AKASAKI**, Masakazu **HIROTA**, Takenori **INOMATA**, Akie **MIDORIKAWA-INOMATA**, Shintaro **NAKAO**

Impact of Social Networking Service With Recommendation Function on Cosmetic Surgery for Teenagers

First Author: Daisuke **NAGASATO**
Co-Author(s): Yoshinori **MITAMURA**, Hitoshi **TABUCHI**, Mao **TANABE**

Macular and Submacular Choroidal Microvasculature in Patients With Primary Open-Angle Glaucoma and High Myopia

First Author: Fengbin **LIN**
Co-Author(s): Fei **LI**, Xiulan **ZHANG**

Monofocal Solution to Multifocal Problem

First Author: Shah Md.Rajibul **ISLAM**
Co-Author(s): Shah Md Bulbul **ISLAM**, Golam **RABBANI**

Multimodal Database of Retina Images for Africa: The First Open Access Digital Repository for Retina Images in Sub-Saharan Africa

First Author: Simon **ARUNGA**

Operationalizing Data Standards in Ophthalmology: Mapping Structured EHR Data on Ocular Vitals to Standard Ontologies

First Author: Brian **TOY**
Co-Author(s): Christopher **LONG**, Justin **QUON**

Personalized Portfolio as a Resume Adjunct in Rehabilitation of Visually Impaired Individuals

First Author: Jophy **CHERRY**
Co-Author(s): Alisha **KURIAN**

Quantifying Fundus Image-Based Chronic Kidney Disease Prediction AIs Through Pre-trained Feature Extractors

First Author: Songyang **AN**
Co-Author(s): John **MARSHALL**, David **SQUIRRELL**, Ehsan **VAGHEFI**

Real World Application of a Smartphone-Based Visual Acuity Test (WHOeyes) with Automatic Distance Calibration

First Author: Xiaotong **HAN**
Co-Author(s): Mingguang **HE**, Stuart **KEEL**, Yi **WU**, Shiran **ZHANG**

Smartphone App for Measuring Ptosis, Proptosis, IPD, Head Position, Lesion Size & Area From Photos

First Author: Anju **KURIAKOSE**

Transition to Subtenon's Anesthesia in Cataract Surgery: Have Block-Related Complications Reduced?

First Author: Basitali **LAKHANI**

Co-Author(s): Balamurugan **S**

Visual Acuity Examination and Colour Blind Test Using Digital Application in an Islamic Boarding School in Malang

First Author: Ariani **DEWI**

Co-Author(s): Firdha **ARIFA**, Dewi **INDRIA**, Dewi **SARI**

Academia, Research, Teaching and Education in Ophthalmology

A 2-Year Retrospective Study on Outcomes of Sutureless Sclera Fixated Intraocular Lens (SSFIOL) Implantation in Northern Malaysia

First Author: Wei Sheng **CHAN**

Co-Author(s): Hamizah **BINTI MUHAMMAD**, Muzaliha **MOHAMED NOR**, Haslina **MOHD ALI**, Rona Asnida **NASARUDDIN**

Addressing the Challenges and Unmet Needs in Clinical and Training Practices of Medical Device Usage: A Targeted Literature Review

First Author: Carine C.W. **HSIAO**

Co-Author(s): Margaret **AINSLIE-GARCIA**, Senol **DEMIRCAN**, Zhi (Wendy) **WANG**

Correlation of Anisometropia With Axial Length and Corneal Curvature- an Institutional Based Cross-sectional Study

First Author: Sanyukta **KADAM**

Co-Author(s): Harsha **BHATTACHARJEE**, Damaris **MAGDALENE**

Dietary Factors and Body Mass Index in School Aged Children: The Correlation Refractive Error, Axial Length and Lens Thickness

First Author: Devyntya **PUTRI**

Educating Patient On Amblyopia Isoametropia With High Myopia Astigmatism Compositus, Pit and Falls: Case Report

First Author: Jerio **WICAKSANA**

Co-Author(s): Ani **ISMAIL**, Eva **KUMALASARI**

Effect of Low-Density Lipoprotein (LDL) Cholesterol Value on the Severity of Non-proliferative Diabetic Retinopathy (NPDR) in Patients With Type 2 Diabetes Mellitus: A Rare Research

First Author: Stefany **TANTO**

Co-Author(s): Daniel **ATNIL**, Maria **LESMANA**, Satria **NUGRAHA**, Yoseph **SIAHAAN**

Experimental Study on the Application of Negative Pressure Filtration Device in Eye Surgery for Patients With Infectious Respiratory Diseases

First Author: Yang **XUN**

Functional Analysis of METTL23 c.84+60delAT Risk Variant in Normal-Tension Glaucoma

First Author: Yang **PAN**

Co-Author(s): Takeshi **IWATA**

Gender-Related Trends Amongst Ophthalmologists in Asia

First Author: Claire Lixian **PETERSON**

Co-Author(s): Marcus **ANG**, Rachel **CHONG**, Andrew **TSAI**, Tina **WONG**, Brian Sy **YEO**

Human Resources Development in Children Eye Health Services in South Sulawesi

First Author: Ahmad Ashraf Amalius **MPH, SP.M(K), M.KES**

Incidence of Re-surgery After Manual Small-Incision Cataract Surgery at a Tertiary Eye-Care Center in South India

First Author: Prerana **SHETTY**

Co-Author(s): Sushank **BHALERAO**, Rajvardhan **MALLIPUDI**, Uma **THIGALE**, Sowjanya **VUYYURU**

Innovative 3D Printing Technology for Surgical Wet Lab Practice and Innovative Instrument Design

First Author: Anju **KURIAKOSE**

Is the 'Red' Reflex Really Red? – Decolonising Medical Terminology

First Author: Martin **ANDERSON**

Co-Author(s): Andrew **BLAIKIE**, Cieren **KELLY**, Obaid **KOUSHA**, Harry **SMITH**

Myopia Information on TikTok: Analysis in Quality and Audience Engagement

First Author: Shuai **MING**

Co-Author(s): Qingge **GUO**

Ophthalmological Manifestations of Dengue From a Large Tertiary Care Center

First Author: Mohan **HANUMANTHAPPA**

Co-Author(s): Manisha **BISWAS**, Ashok Kumar **PANNU**, Mani **RAJENDRAN**, Basavaraj **TIGARI**

Outcome of Cataract Surgery Performed by Ophthalmology Residents Hasanuddin University

First Author: Khairun Nisa

Prevalence of Pseudoexfoliation Syndrome (PXS) in Northern Pakistan - a Hospital-Based Survey

First Author: Zubaida **SIRANG**

Co-Author(s): Karim **DAMJI**, Raisa **KHAN**

Proactive Online Learning Module Improves Clinical Examination Scores and Student Learning of Ophthalmic Procedures

First Author: Mantapond **ITTARAT**

Revealing the Unseen: Ocular Clues to Early Metastatic Cancer Detection

First Author: Lia **AMANDA**

Co-Author(s): Muhammad **KHOIRUL HUDA**,
Mutmainah **MAHYUDDIN**, Anggun **YUDANTHA**

Smartphone Use in the Field of Clinical and Teaching Ophthalmology

First Author: Anum **HANEEF**

Study on Acceptance of Low Vision Aids and Visual Rehabilitation Measures in Tertiary Care Center

First Author: Nithya **SRIDHARAN**

The Impact of an Online International Glaucoma Training Program in China During the COVID-19 Pandemic

First Author: Qing **LU**

The Microstructural Changes of Retina Between Different Types of Diabetic Macular Edema

First Author: Zhengwei **GE**

Various Presentations of Chronic Myeloid Leukemia

First Author: Manogna **MANDAVA**

Co-Author(s): Dr.Shankar **C**, Dr.Premnath **G**,
Dr.Rajakumari **M**, Dr.Adnan **MATHEEN**

Cataract

0.3% Nepafenac OD Most Convenient and Effective Drug Post Phacoemulsification

First Author: Roopa **HIREMATH**

A Case Series of Complicated Cataract Management in Northern Territory Australia

First Author: Christopher **GO**

Co-Author(s): Susith **KULASEKARA**, Ario **WILSON-POGMORE**

A Novel Technique of Using Double Capsular Tension Rings in a Subluxated Cataract of More Than One Quadrant

First Author: Aakanksha **RAGHUVANSHI**

A Rare Case of Cataract Within 15 Hours of Vitreo-Retinal Surgery for Retinal Detachment

First Author: Deepak **AGARWAL**

Co-Author(s): Sneha **BATRA**

A Sling to Prevent Intraocular Lens Swing- a Prospective Interventional Study- Interim Analysis

First Author: Jyoti **GOYAL**

Co-Author(s): Avik Kumar **ROY**

Axial Misalignments After Implantations of One-piece Hydrophobic Toric Intraocular Lenses. Comparison Between Manufacturers and Generations

First Author: Tomohisa **NISHIMURA**

Clinical Characteristics of Cataract Surgery Indicators Pre-COVID and During COVID-19 Pandemic

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