

# O=MEGA23 IN PARTNERSHIP WITH THE 4TH WORLD CONGRESS OF OPTOMETRY 2023

FRIDAY 8 SEPTEMBER – SUNDAY 10 SEPTEMBER 2023  
Melbourne Convention and Exhibition Centre

This event is proudly presented by the World Council of Optometry, Optometry Victoria South Australia and the Optical Distributors and Manufacturers Association

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The theme, Optometry Unites, Down Under was chosen to convey the international aspect of the event. We look forward to welcoming optometrists from around the globe to an exciting three days of conferencing!

With abstracts received from 26 countries, the program has been designed to include a wide range of subjects, covering multiple topics for delegates to choose a personalised schedule to suit their specific areas of interest.

The latest research and insights will be presented in a variety of forms: keynote presentations, full lectures, short paper presentations, dedicated sponsor and poster sessions.

Sessions will be accredited for continuing professional development hours/points.

The title, speaker names, affiliations and learning objectives for each oral presentation are listed in the following pages. The sessions appear in alphabetical order by title. The full list of poster presentations follows the oral presentations. Please note the program is subject to change. For updates, refer to the conference website.

Registration details and further information can be found at [www.omega-event.org](http://www.omega-event.org)



## Oral Presentations

### A breakthrough Soft CLs for myopia control - Johnson & Johnson Sponsored Session

#### Contact Lens

##### Learning objectives

- At the conclusion of the presentation, delegates should be able to understand the role of optical treatments in slowing myopia
- At the conclusion of the presentation, delegates should be able to understand the use of non coaxial versus coaxial optical technology in providing good treatment efficacy and vision quality
- At the conclusion of the presentation, delegates should be able to understand how to personalize myopia management

<sup>1</sup> Johnson & Johnson Vision

🕒 Friday 8 September

14:30-15:30

📍 Goldfields Theatre

Noel Brennan<sup>1</sup>

### A collaborative approach to implementing a supervised student-led optometry clinic within a metropolitan aboriginal primary health care service

#### Indigenous Eye Health

##### Learning objectives

- Increase understanding of the structure and benefits of a student-led optometry eye clinic
- Gain knowledge of Aboriginal Primary Health Care holistic service delivery through the example of an eye health care service
- Define the benefits of embedded health services research approaches that apply methods and strategies of implementation science

<sup>1</sup> Flinders University, School of Optometry and Vision Science

<sup>2</sup> Elizabeth Eye Care & Australian College of Optometry

<sup>3</sup> Flinders University & Wardliparingga Aboriginal Health Equity, SAHMRI

<sup>4</sup> Wardliparingga Aboriginal Health Equity, SAHMRI

<sup>5</sup> Aboriginal Health, Northern Adelaide Local Health Network

<sup>6</sup> Flinders University

🕒 Sunday 10 September

9:00-10:00

📍 Eureka Room 2

Jose Estevez<sup>1</sup>, Tristan Glover<sup>2</sup>,  
Katherine Zamora-Alejo<sup>3</sup>,  
Courtney Hammond<sup>4</sup>,  
Toni Shearing<sup>5</sup>, Kurt Towers<sup>5</sup>,  
Natasha Howard<sup>4</sup> and  
Jamie Craig<sup>6</sup>

## Oral Presentations

### A lifestyle epidemic in dry eye disease: An update from the latest TFOS report and considerations for dry eye management - CSL Seqirus Sponsored Session

#### Dry eye

#### Learning objectives

- To become aware of the key recommendations and findings of the recent TFOS workshop titled "A Lifestyle Epidemic: Ocular Surface Disease" and the impact our lifestyle choices may have on the ocular surface.
- Recognise how these choices may influence the choice of management options for dry eye disease, including that of topical ciclosporin.
- To understand that good management of dry eye disease may involve patient education on changes to their lifestyle, in conjunction with evidence-based treatments.

<sup>1</sup> CSL Seqirus

🕒 Sunday 10 September  
14:30-15:30

📍 Goldfields Theatre

Jennifer Rayner<sup>1</sup>

### A multi-tiered teaching and learning approach at a Melbourne eyecare clinic

#### Optometric Education

#### Learning objectives

- Describe different clinical teaching methods including team teaching and near peer-to-peer feedback
- Identify benefits and challenges of different clinical teaching approaches
- Discuss the value of feedback from students and staff in evolving clinical teaching approaches

<sup>1</sup> Melbourne Eyecare Clinic

<sup>2</sup> The University of Melbourne

🕒 Saturday 9 September  
14:30-15:30

📍 Eureka Room 3

Maria Bui<sup>1</sup>, Kwang Cham<sup>2</sup>,  
Tim Martin<sup>1</sup> and Andrew Huhtanen<sup>1</sup>

## Oral Presentations

### A step closer to global optometry: the unsw-makchs project

#### Optometric Education


##### Learning objectives

- Demonstrate a novel, collaborative model of optometric education between a well-established and newly developed teaching program
- To understand how this model can be used to enhance student learning and faculty development

<sup>1</sup> University of New South Wales, Sydney

<sup>2</sup> Makerere University College of Health Sciences, Uganda

<sup>3</sup> University of New South Wales, Sydney

 Saturday 9 September  
16:30-17:30

 Eureka Room 3

Kathleen Watt<sup>1</sup>, Anguyo Dragela<sup>2</sup>, Naomi Nsubuga<sup>2</sup>, Ann Webber<sup>1</sup>, Lily Ho<sup>1</sup>, Rebecca Dang<sup>1</sup>, Jerome Ozkan<sup>3</sup>, Eric Papas<sup>3</sup> and Isabelle Jalbert<sup>3</sup>


### Accommodation deep dive

#### Paediatric Binocular

##### Learning objectives

- Discuss factors controlling accommodation and how they influence the optometrist's approach to assessing accommodation
- Describe, with reference to evidence, a range of tests assessing accommodation skills
- Describe, with reference to evidence, a range of options for managing accommodation dysfunction

<sup>1</sup> University of New South Wales, University of Melbourne

 Friday 8 September  
10:30-11:30

 Eureka Room 2

Tim Fricke<sup>1</sup>

### Adapting a collaborative model of glaucoma care to the COVID pandemic with telehealth consultation

#### Glaucoma/Neuro


##### Learning objectives

- Demonstrate the utility of video-link technology in the provision of collaborative glaucoma care
- Outline the challenges faced in providing collaborative care while complying with COVID19 public health directives
- Review of clinical characteristics of patients seen in a collaborative glaucoma clinic during 2020/2021

<sup>1</sup> Australian College of Optometry

<sup>2</sup> National Vision Research Institute, Australian College of Optometry/Department of Optometry and Vision Sciences (University of Melbourne)

<sup>3</sup> The Royal Victorian Eye and Ear Hospital

 Friday 8 September  
16:00-17:00

 Eureka Room 1

Janelle Scully<sup>1</sup>, Nelofar (Nellie) Deen<sup>1</sup>, Neville Turner<sup>1</sup>, Marianne Coleman<sup>2</sup>, George YX Kong<sup>3</sup>, Catherine Green<sup>3</sup>, Tracy Siggins<sup>3</sup> and Catherine Mancuso<sup>3</sup>

## Oral Presentations


### Amblyopia beyond the patch: today's research, tomorrow's practice

#### Paediatric Binocular


This talk aims to provide an update on key questions that exist in amblyopia and strabismus research:

- How does amblyopia affect vision beyond clinical measures of acuity?
- What disability is associated with amblyopia?
- What are limitations of current treatments? Do they do more harm than good?

<sup>1</sup> Optometry Australia, American Academy of Optometry (FAAO)

 Saturday 9 September

14:30-15:30

 Eureka Room 2

Ann Webber<sup>1</sup>

### Beyond the roadmap to close the gap for vision


#### Indigenous Eye Health

##### Learning Objectives

- Identify the evidence, background and strategy of implementation of the Roadmap
- Understand the methods of evaluation used to measure the effectiveness of Roadmap implementation
- Demonstrate awareness of the key and valuable lessons learnt in implementing and evaluating the Roadmap

<sup>1</sup> The University of Melbourne

<sup>2</sup> Indigenous Eye Health Unit, The University of Melbourne

 Sunday 10 September

14:30-15:30

 Eureka Room 1

Mitchell Anjou<sup>1</sup>  
Shaun Tatipata<sup>2</sup>

### Building paediatric eyecare capability via project echo tele-mentoring in Australia


#### Professional Practice (ethics, communication skills and evidence into practice)

##### Learning Objectives

- Understand current paediatric eyecare knowledge gaps experienced by optometrists
- Understand how Project ECHO tele-mentoring program can improve practitioner capabilities
- Understand the benefits of engaging in tele-mentoring programs for both practitioners and patients

<sup>1</sup> University of New South Wales

<sup>2</sup> Optometry Australia, American Academy of Optometry (FAAO)

 Sunday 10 September

14:30-15:30

 Eureka Room 2

Melinda Toomey<sup>1</sup>, Lisa Keay<sup>1</sup>,  
Ann Webber<sup>2</sup> and Kerrie Ren<sup>1</sup>


## Oral Presentations

### Can correction of refractive error change a child's life trajectory?


#### Learning objectives

- Describe the main findings from the VIP-HIP study that are related to visual function
- Discuss the main findings from the VIP-HIP study related to visual processing and academic performance
- Discuss why uncorrected hyperopia can be related to reading and academic difficulties

<sup>1</sup> Marshall B. Ketchum University

 Friday 8 September

09:30-09:50

 Plenary 1

Susan Cotter<sup>1</sup>


### Choroidal neovascular membranes – how not to miss one

#### Posterior Eye

#### Learning Objectives

- Understand the clinical and imaging signs of CNV
- Understand the differential diagnoses for CNV
- Understand the most appropriate optometric management for CNV

<sup>1</sup> Centre for Eye Health, University of New South Wales

 Sunday 10 September

09:00-10:00

 Eureka Room 1

Michael Yapp<sup>1</sup>

### Clinical signs and symptoms of dry eye disease in presence of peripheral neuropathy among patients with type 2 diabetes


#### Dry Eye

#### Learning Objectives


- Prevalence of dry eye disease in people with type 2 diabetes, especially in those with severe peripheral neuropathy
- Understanding the factors contributing to dry eye disease in type 2 diabetes
- Importance of a periodic ocular surface evaluation in patients with type 2 diabetes

<sup>1</sup> University of New South Wales

<sup>2</sup> School of Optometry and Vision Science, University of New South Wales

 Saturday 9 September

11:30-12:30

 Plenary 1

Maria Markoulli<sup>1</sup>, Shyam Sunder Tummanapalli<sup>2</sup>, Leiao Leon Wang, Roshan Dhanapalaratnam, Ann Poynten, Eric Papas<sup>1</sup> and Arun Krishnan

## Oral Presentations


### Collaborative paediatric eyecare model: a shared care approach to paediatric care between optometry and ophthalmology


#### Public Health

##### Learning objectives

- List the benefits of an effective collaborative care model between optometry and ophthalmology
- Learn about the clinical audit outcomes from a novel paediatric collaborative eyecare

<sup>1</sup> Melbourne Eyecare Clinic

 Sunday 10 September  
11:30-12:30

 Eureka Room 2

Andrew Huhtanen<sup>1</sup>

### Combination of low-dose atropine and optical myopia control methods in children with myopia progression


#### Myopia Management

##### Learning objectives

- The proper diagnosis including the cycloplegic refraction and binocular vision changes and proper structured approach enables better compliance of the children and their guardians to the proposed treatment as well good treatment results

<sup>1</sup> Ophthalmology Clinical Centre SPEKTRUM, Wrocław University of Science and Technology, Polish Society of Ophthalmologists

<sup>2</sup> Ophthalmology Clinical Centre SPEKTRUM

 Friday 8 September  
13:30-14:30

 Eureka Room 3

Joanna Przeździecka-Dołyk<sup>1</sup>,  
Aleksandra Danielska<sup>2</sup>

### Computer vision syndrome: do blue-light filtering lenses (and other therapies) help?


#### Other

##### Learning objectives

- Quantitatively appreciate how much blue light is emitted from electronic screens, and how this relates to emissions from natural light sources and to safety guidelines regarding blue light exposure
- Understand what recent randomised controlled trials say about whether blue-filtering spectacle lenses are effective in treating computer vision syndrome
- Appreciate what a recent review of the randomised controlled trial evidence says about the efficacy of various other therapies (e.g. the use visual hygiene protocols, and of oral supplements) for alleviating computer vision syndrome

<sup>1</sup> Dept of Optometry and Vision Sciences, The University of Melbourne

<sup>2</sup> The University of Melbourne

 Saturday 9 September  
09:00-10:00

 Eureka Room 1

Andrew Anderson<sup>1</sup>,  
Laura Downie<sup>2</sup>

## Oral Presentations

### Contact lens acute red eye caused by citrobacter diversus: first case report and review of literature

#### Contact Lenses

##### Learning objectives

- At the conclusion of the presentation, delegates should be able to describe the clinical features of citrobacter diversus causing contact lens acute red eye and its management
- Delegates should be aware that citrobacter sp. can cause keratitis in the eye but is rare and a review of literature about citrobacter sp. causing keratitis
- Delegates should be aware that citrobacter sp. can adhere to soft contact lenses - rub and rinse are required before and after contact lens usage with a multipurpose disinfecting solution

<sup>1</sup> University of New South Wales, Sydney

<sup>2</sup> University of New South Wales, Sydney and Aston University, United Kingdom

<sup>3</sup> L V Prasad Eye Institute, Hyderabad, India

<sup>4</sup> University of New South Wales, Sydney

🕒 Saturday 9 September  
11:30-12:30

📍 Eureka Room 3

Parthasarathi Kalaiselvan<sup>1</sup>,  
Debarun Dutta<sup>2</sup>, Savitri  
Sharma<sup>3</sup>, Fiona Stapleton<sup>4</sup>  
and Mark Willcox<sup>1</sup>

### Contact lens comfort in practice - Alcon Sponsored Session

#### Contact Lens

##### Learning objectives

- Understand how low friction and low modulus contact lens surfaces improves lubricity and reduce cell damage in corneal epithelial cell models
- Understand the impact of a contact lens on the tear film and how this affects contact lens comfort
- Understand the various contact lens attributes and how they can be altered to become more biomimetic
- Understand the links between the ocular surface, tear film and contact lens materials and how this may impact contact lens comfort and decrease contact lens discontinuation

<sup>1</sup> Centre for Ocular Research & Education (CORE); University of Waterloo, Canada

<sup>2</sup> University of Florida

🕒 Friday 8 September  
13:30-14:30

📍 Eureka Room 3

Lyndon Jones<sup>1</sup>, Jennifer Craig and  
W. Gregory Sawyer<sup>2</sup>



## Oral Presentations

### Contact lens wearer's attitude, behaviors and needs during and after pandemic restrictions in Australia


#### Contact Lenses

##### Learning objectives


- To understand and monitor impact of COVID-19 on contact lens wearers in Australia over time
- To understand changes in attitudes and behaviour amongst contact lens wearers during and after pandemic lockdown restrictions
- To understand the perceptions of COVID-19, eye health and the role of optometrists amongst contact lens wearers during and after pandemic lockdowns

<sup>1</sup> JJVC, OA, CCLSA

<sup>2</sup> JJVC

 Friday 8 September

13:30-14:30

 Eureka Room 3

Hirdesh Nair<sup>1</sup>,  
Michelle Ho<sup>2</sup>

### Working with First Nations Communities - Insights from First Nations Practitioners to strengthen your capability to work with Indigenous Peoples

#### Indigenous Eye Health


##### Learning objectives

- Develop an awareness and appreciation for First Nations communities and cultural protocols
- Build your knowledge on how to engage with First Nations Peoples and their communities.


<sup>1</sup> Indigenous Eye Health Unit, The University of Melbourne

<sup>2</sup> Fred Hollows Foundation/Brien Holden Institute, Australia

<sup>3</sup> Occhiali Optometrist, NZ

 Friday 8 September

14:30-15:30

 Eureka Room 3

Shaun Tatipata<sup>1</sup>, Lauren  
Hutchinson<sup>2</sup>, Renata Watene<sup>3</sup>

### Delivering a global multilingual fellowship examination online


#### Optometric Education

##### Learning objectives

- To understand whether a paper-based assessment could be transposed to an online environment
- To understand the acceptability of the new exam by those sitting the exam
- To determine whether an online environment could be used for this fellowship exam in future

<sup>1</sup> International Association for Contact Lens Educators

<sup>2</sup> Eurolens Research, Division of Pharmacy and Optometry, The University of Manchester, UK

 Sunday 10 September

14:30-15:30

 Eureka Room 2

Craig Woods<sup>1</sup>, Lakshmi  
Shinde<sup>1</sup>, Ian Miller<sup>1</sup>, Kavitha  
Jayanna<sup>1</sup>, Siobhan Alllen<sup>1</sup>,  
Shehzad Naroo<sup>1</sup>, Philip  
Morgan<sup>2</sup> and Nilesh Thite<sup>1</sup>

## Oral Presentations

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### Demographic and corneal profiles of a South African clinic-based keratoconic population

#### Indigenous Eye Health

##### Learning objectives

- Understand the prevalence of KC
- Understand that KC is found more in certain race groups and demographic areas
- Appreciate the need for epidemiological studies for screening and early detection

<sup>1</sup> University of Johannesburg

 Saturday 9 September

11:30-12:30

 Eureka Room 3

Elizabeth Chetty<sup>1</sup>,  
Alan Rubin<sup>1</sup>


### Developing eye care in Papua New Guinea and an analysis of eye conditions in Papua New Guinea

#### Public Health

##### Learning objectives

- Understand the specific complexities and challenges of developing and delivering eye care in PNG
- Identify the main eye conditions in PNG and how they differ from other developing countries
- Understand the rationale for introducing therapeutic optometry in PNG now, and the vital role optometry will play in reducing visual impairment

<sup>1</sup> L&F Eyecare

 Sunday 10 September

11.30-12.30

 Eureka Room 2

John Farmer<sup>1</sup>


### Digital eye strain

#### Public Health


##### Learning objectives

- How it is best to define digital eye strain
- What the current thinking is on the mechanisms of eye strain in digital environments
- What management strategies are supported by scientific evidence

<sup>1</sup> Aston University, UK

 Friday 8 September

16:00-17:00

 Plenary 1

James Wolffsohn<sup>1</sup>

## Oral Presentations


### Effective transfer of tertiary hospital clinical learning into University of Western Australia Optometry curriculum

#### Optometric Education

##### Learning objectives

- To present ocular inflammation case studies taken from the ophthalmology department of a tertiary level public hospital in Western Australia
- To relate the effective transfer of clinical learning by hospital clinicians, who are also optometric educators, to the University of Western Australia optometry curriculum

<sup>1</sup> University of Western Australia

 Saturday 9 September  
14.30-15.30

 Eureka Room 3

Wilfred Tang<sup>1</sup>,  
Andrew Tan Nguyen<sup>1</sup>

### Effects of short term wear of myopia control spectacle lens on binocular functions of myopic children


#### Paediatric Binocular

##### Learning objectives

- To investigate visual function changes following short-term wear of DIMS lenses among myopic children
- To determine accommodation function changes following short-term wear of DIMS lenses among myopic children
- To determine vergence function changes following short-term wear of DIMS lenses among myopic children

<sup>1</sup> Universiti Kebangsaan Malaysia; Universiti Teknologi MARA

<sup>2</sup> Universiti Kebangsaan Malaysia

 Saturday 9 September  
11.30-12.30

 Eureka Room 2

Fatin Nur Najwa Norazman<sup>1</sup>,  
Bariah Mohd-Ali<sup>2</sup>, Mizhanim  
Mohamad Shahimin<sup>2</sup> and  
Norliza Mohamad Fadzil<sup>2</sup>

### Evaluating progression during myopia management


#### Myopia Management

##### Learning objectives

- Understand the rate of myopia progression with and without treatment
- Understand the key factors/modifiers that may influence the progression of myopia
- Develop a clinical framework on understanding when to modify myopia treatment protocol based on in practice patient myopia progression versus current research evidence available

<sup>1</sup> J&J Vision Care

<sup>2</sup> JJVC, OA, CCLSA

 Friday 8 September  
16.00-17.00

 Goldfields Theatre

Noel Brennan<sup>1</sup>,  
Hirdesh Nair<sup>2</sup>

## Oral Presentations

### Evaluation of quality of life in children with infantile esotropia before and after strabismus surgery

#### Paediatric Binocular

##### Learning objectives

- To create awareness of the problems of strabismus in children
- To create awareness regarding surgical treatment of strabismus in improving the quality of life of the children

<sup>1</sup> Department of Ophthalmology and Visual Science, School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia

<sup>2</sup> Department of Pharmacology, School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia

<sup>3</sup> Department of Ophthalmology, Hospital Canselor Tuanku Muhriz Universiti Kebangsaan Malaysia, Cheras, Kuala Lumpur, Malaysia

<sup>4</sup> Unit of Biostatistics and Research Methodology, School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia

🕒 Saturday 9 September  
11:30-12:30

📍 Eureka Room 2

Waheeda Azwa Hussein<sup>1</sup>,  
Norul Badriah Hassan<sup>2</sup>,  
Jemaima Che Hamzah<sup>3</sup>,  
Sarimah Abdullah<sup>4</sup> and  
Shatriah Ismail<sup>1</sup>

### Evaluation of the specificity and sensitivity of a school-based screening program in South Australian school children: children's eye screening South Australia study (cessa)

#### Public Health

##### Learning objectives

- Approximately 1/4 children in the greater Adelaide region, South Australia, from lower socio-economic areas, may have an undiagnosed vision disorder
- Distance visual acuity measurement alone may not be sufficiently sensitive to diagnose common vision disorders in young children

<sup>1</sup> Flinders University

<sup>2</sup> Deakin University

🕒 Saturday 9 September  
11:30-12:30

📍 Eureka Room 2

Cassandra Haines<sup>1</sup>, Nicola  
Anstice<sup>1</sup>, Alexandra Jaworski<sup>2</sup>  
and Ranjay Chakraborty<sup>1</sup>

## Oral Presentations


### Evidence-based solutions: how global big data can guide and drive the achievements of world targets and resolutions

#### Public Health

##### Learning objectives

- Summarise the estimates of vision loss generated by the GBD-VLEG and to familiarise the audience on where to find the data relevant to their country and context
- Outline the United Nations and World Health Organization resolutions with goals anticipated for 2030
- Recognise the gaps and disparities in the data between countries and regions and to consider future research initiatives
- Motivate and activate the cadre of World Council of Optometry members to respond and engage in successful action and advocacy
- Prioritise inter-professional and inter-sectoral collaborations to achieve the goals set forth by 2030
- Mobilise the optometric communities of academia, clinical practice and professional associations to further achieve outcomes to provide for the best visual health for all in our world

<sup>1</sup> AOA, AAO, ASCO, Nova Southeastern University and individual member

 Friday 8 September  
10:30-11:30

 Eureka Room 3

Janet Leasher<sup>1</sup>, Konrad Pesudovs and Kovn Naidoo

### Examination of visual measures in Parkinson's disease


#### Systemic Disease

##### Learning objectives

- Describe the visual symptoms that Parkinson's disease patients can experience
- Appreciate whether certain PD medications can influence retinal outcome measures
- Gain an understanding of why the timing of retinal function assessments need to be carefully considered within the clinical context of PD

<sup>1</sup> The University of Melbourne

<sup>2</sup> The Florey Institute of Neuroscience and Mental Health

 Sunday 10 September  
11:30-12:30

 Eureka Room 1

Katie Tran<sup>1</sup>, Pei Ying Lee<sup>1</sup>,  
David Finkelstein<sup>2</sup>, Allison  
McKendrick<sup>1</sup>, Bao Nguyen<sup>1</sup>,  
Bang Bui<sup>1</sup> and Christine  
Nguyen<sup>1</sup>

## Oral Presentations

### Eye drop retention time using a fluorophotometer


#### Dry Eye


#### Learning objectives

- Gain a better understanding of the retention time of various lubricating eye drops, tear film stability post-instillation, and use this information to make evidence-based recommendations for the management of patients with dry eye disease

<sup>1</sup> School of Optometry & Vision Science, University of New South Wales, Sydney

<sup>2</sup> University of New South Wales, Sydney

 Saturday 9 September  
11:30-12:30

 Plenary 1

Tianni Jia<sup>1</sup>, Fiona Stapleton<sup>2</sup>,  
Fatima Iqbal<sup>1</sup>, Maitreyee Roy<sup>1</sup>  
and Jacqueline Tan<sup>1</sup>


### From data to decisions: The art of evidence-based programs


#### Public Health

#### Learning objectives

- To understand how data from eye health programmes can be used to make evidence based decisions.
- To understand the importance and impact of quality training and its impact on programmes

<sup>1</sup> LSHTM

 Saturday 9 September  
3.30-4.15

 Plenary 1

Priya Morjaria<sup>1</sup>


### Functional vision outcomes with a suprachoroidal retinal prosthesis in retinitis pigmentosa

#### Other

#### Learning objectives

- Appreciate the types of bionic eyes available
- Understand the advantages and disadvantages of differing surgical approaches
- Understand the functional vision and real-world translational outcomes of a suprachoroidal retinal prosthesis

<sup>1</sup> Centre for Eye Research Australia

 Sunday 10 September  
11.30-12.30

 Eureka Room 1

Carla Abbott<sup>1</sup>

## Oral Presentations

### Getting started with topography and orthokeratology using topography-based lens designs

#### Myopia Management

##### Learning objectives

- Orthokeratology - basic lens design and construction simplified for beginners
- Topography - what this is and how this is used in clinical practice
- Fitting tips and pearls for orthokeratology
- All attendees will be able to setup an orthokeratology clinic following this practical lecture

<sup>1</sup> Rose Optometry

🕒 Sunday 10 September

11.30-12.30

📍 Goldfields Theatre

Jagrut Lallu<sup>1</sup>

### Glaucoma grand rounds: clinical decision-making

#### Glaucoma/ Neuro

##### Learning objectives

- Qualitatively assess the multi-factorial diagnostic data of IOT, OCT, VF, gonioscopy, patient history, and others to identify glaucoma
- Gain insights of the effectiveness of IOT control with topical medications, laser procedures, and surgeries depending on classification and aggressiveness of glaucoma
- Recognise and appreciate the often parallel yet asymmetrical changes in structure and function of the retinal nerve fiber in glaucoma
- Understand the natural loss of the retinal nerve fiber with age as compared to the accelerated loss with glaucoma

<sup>1</sup> Northwest Eye Surgeons

🕒 Friday 8 September

10.30-11.30

📍 Plenary 1

Brett Bence<sup>1</sup>

### Implementation and scalability of shared care models for chronic eye disease: a realist assessment informed by health system stakeholders in Finland, the United Kingdom, and Australia

#### Public Health

##### Learning objectives

- Understand the importance of local context in implementing new models of care
- Learn about key determinants of successful implementation and scalability
- Apply these concepts to current challenges in eyecare delivery

<sup>1</sup> Optometry Australia, Association for Research in Vision and Ophthalmology

<sup>2</sup> The George Institute for Global Health

<sup>3</sup> Sydney University

🕒 Sunday 10 September

09.00-10.00

📍 Eureka Room 3

Lisa Keay<sup>1</sup>, Belinda Ford<sup>2</sup>, Blake Angell<sup>2</sup>, Hueiming Liu<sup>2</sup> and Andrew White<sup>3</sup>

## Oral Presentations

### Implementing best practice clinical processes within Aboriginal and Torres Strait Islander health research: the prophecy study

#### Indigenous Eye Health

##### Learning objectives


- Develop knowledge of working within clinical research settings with Aboriginal and Torres Strait Islander people
- Understand approaches to innovate clinical research eye care within Aboriginal and Torres Strait Islander health
- Understand the elements and outcomes of a clinical research eye care model for Aboriginal and Torres Strait Islander research participants


<sup>1</sup> Wardliparingga Aboriginal Health Equity, South Australian Health and Medical Research Institute

<sup>2</sup> Flinders University, School of Optometry and Vision Science

<sup>3</sup> Flinders University

<sup>4</sup> Telethon Kids Institute; The Australian National University; Wardliparingga Aboriginal Health Equity, South Australian Health and Medical Research Institute

 Sunday 10 September  
09.00-10.00

 Eureka Room 2

Dominique Birbeck<sup>1</sup>, José Estevez<sup>2</sup>, Shereen Rankine<sup>1</sup>, Waylon Miller<sup>1</sup>, Katia Ferrar<sup>1</sup>, Jamie E Craig<sup>3</sup>, Natasha J Howard<sup>1</sup> and Alex Brown<sup>4</sup>

### Importance of eye care amongst asylum seekers and refugee communities


#### Public Health

##### Learning objectives

- Understand the barriers for asylum seekers and refugee to access health care
- Understand the prevalence of ocular manifestations in the asylum seekers and refugee communities
- Examine the current outreach model of eye care services and its impact on patient's quality of life

<sup>1</sup> Australian College of Optometry

<sup>2</sup> Asylum Seekers Resource Centre

 Sunday 10 September  
11.30-12.30

 Eureka Room 2

Tracy Tran<sup>1</sup>, Josephine Li<sup>1</sup>, Josie McMahon<sup>2</sup>, Sheenagh McShane<sup>2</sup>, Jane Trevaskis<sup>1</sup>, Piers Carozzi<sup>1</sup>, Pete Haydon<sup>1</sup> and Neville Turner<sup>1</sup>



## Oral Presentations

### Indigenous cultural responsiveness training: an experiential view from OV/SA & IAHA

#### Indigenous Eye Health


##### Learning objectives

- To increase understanding and value of engaging on a self-reflective journey of cultural responsiveness as a health practitioner or future health practitioner and its relationship with clinical outcomes for Aboriginal and Torres Strait Islander people.
- To introduce IAHA's Cultural Responsiveness in Action Framework as an evidence-based framework for you to begin or continue your journey as a culturally responsive health practitioner.
- To improve practitioner motivation and engagement through the demonstration of case studies and reflections of participants that have completed IAHA's Cultural Responsiveness training modules.

<sup>1</sup> Fred Hollows Foundation; Brien Holden Institute; Indigenous Allied Health Australia (IAHA)

<sup>2</sup> Indigenous Allied Health Australia (IAHA)

<sup>3</sup> Optometry Victoria South Australia (OV/SA)

 Saturday 9 September  
11:30-12:30

 Eureka Room 1

Lauren Hutchinson<sup>1</sup>,  
Jed Fraser<sup>2</sup>, Ilsa Hampton<sup>3</sup>

### Influence of age on peripheral refraction in myopic Malay school children

#### Myopia Management

##### Learning objectives


- Understand that myopic Malay school children have hyperopic relative peripheral refraction along the horizontal meridian
- Understand that RPR in myopic Malay school children is not affected by different age groups even though they have similar refractive error
- Findings from this study can be beneficial as a reference for future research on PR for other ethnicity besides large number of PR studies available, mainly in Chinese and Caucasian study population

<sup>1</sup> Universiti Kebangsaan Malaysia, Ministry of Health, Malaysia

<sup>2</sup> Universiti Kebangsaan Malaysia

<sup>3</sup> Universiti Kebangsaan Malaysia (UKM)

<sup>4</sup> Universiti Kebangsaan Malaysia

 Sunday 10 September  
11.30-12.30

 Goldfields Theatre

Syarifah Faiza Syed Mohd Dardin<sup>1</sup>, Bariah Mohd-Ali<sup>2</sup>, Mizhanim Shahimin<sup>3</sup> and Norhani Mohidin<sup>4</sup>

## Oral Presentations

### Inherited retinal diseases: diagnosis, genetic testing, and gene therapy


#### Posterior Eye


##### Learning objectives

- Differentiate key inherited retinal diseases and understand the spectrum of vision loss in different subtypes
- Describe key methods for genetic testing for retinal diseases and the differences between genetic testing strategies for monogenic and polygenic eye conditions
- Identify key referral pathways in the management of IRDs to facilitate patient access to genetic services, vision support, and research
- Develop an understanding of current and emerging retinal gene therapies

<sup>1</sup> University of Melbourne

<sup>2</sup> Department of Optometry and Vision Science, Department of Surgery (Ophthalmology), University of Melbourne

 Sunday 10 September  
11.30-12.30

 Plenary 1

Alexis Ceecee Britten-Jones<sup>1</sup>,  
Lauren Ayton<sup>2</sup>

### Inter-university education-based collaborations in optometry – a panel discussion


#### Optometric Education

##### Learning objectives

- Identify synergies for and benefits of successful inter-university collaborations
- Identify the challenges encountered when conducting education research in optometry and strategies to help address these
- Promote and help facilitate inter-university collaborations in education research in optometry

<sup>1</sup> Deakin University

<sup>2</sup> The University of Melbourne

 Sunday 10 September  
11.30-12.30

 Eureka Room 3

Alexandra Jaworski<sup>1</sup>, Amanda  
Douglass<sup>1</sup>, Anthea Cochrane<sup>2</sup>  
and Kwang Cham<sup>2</sup>

## Oral Presentations

### It's ok for ortho-k: endothelial cell morphology monitoring in myopic eyes undergoing ortho-k treatment for 12 months

#### Contact Lenses


##### Learning objectives


- Understand the changes in cell morphology that could be affected by the ortho-k contact lens wear
- Understand why cell morphology assessment should be carried out

<sup>1</sup> Universiti Kebangsaan Malaysia

<sup>2</sup> National University of Malaysia

<sup>3</sup> Universiti Kebangsaan Malaysia (UKM)

 Friday 8 September  
16.00-17.00

 Eureka Room 2

Mizhanim Mohamad Shahimin<sup>1</sup>, Yu Chen Low<sup>2</sup>, Bariah Mohd-Ali<sup>1</sup>, Norhani Mohidin<sup>3</sup> and Norlaili Arif<sup>3</sup>


### Learnings from implementing a myopia control clinic in a public health optometry setting

#### Myopia Management

##### Learning objectives

- Describe the challenges, limitations and outcomes of implementing a myopia control clinic in a public health setting
- Identify barriers to myopia control in a public health setting
- Understand the need for a targeted framework when managing children with myopia from a low socioeconomic background

<sup>1</sup> Australian College of Optometry

 Saturday 9 September  
11.30-12.30

 Goldfields Theatre

Zeinab Fakh<sup>1</sup>, Nellie Deen<sup>1</sup>

### Lighting the way: new evidence and advances in myopia management - HOYA Vision Care Sponsored Session

#### Myopia Management


##### Learning objectives


- To understand the treatment outcome of the myopia management spectacle lens with D.I.M.S. Technology on European children, including the tolerance & changes in SER and AL growth, and the lens performance compared to Asian children.
- Obtain the latest insight on light & myopia management and sun protection during myopia management.
- Understand a novel myopia management spectacle lens with both D.I.M.S. technology and sun protection features and its application in clinical practice.

<sup>1</sup> Ulsters University

<sup>2</sup> Eye Care Kids

<sup>3</sup> AOMA

 Sunday 10 September  
10.00-11.00

 Plenary 1

Katheryn Saunders<sup>1</sup>, Soojin Nam<sup>2</sup>, May Zhang<sup>3</sup>

## Oral Presentations

### Localising diabetic retinopathy features in 45-degree fundus photographs


#### Posterior Eye


##### Learning objectives

- Develop a pathophysiology-driven approach to searching for gestures of diabetic retinopathy
- Understand the distribution patterns of diabetic retinopathy lesions at the posterior pole
- Identify retinal locations which are more susceptible to diabetic retinopathy

<sup>1</sup> Deakin University

<sup>2</sup> Centre for Eye Research Australia and University of Melbourne

 Sunday 10 September  
11.30-12.30

 Eureka Room 1

Tim Murphy<sup>1</sup>, James Armitage<sup>1</sup>,  
Peter van Wijngaarden<sup>2</sup> and  
Amanda Douglass<sup>1</sup>


### Mental wellbeing of optometry and pharmacy students during Covid-19

#### Optometric Education

##### Learning objectives

- Appreciate the multiple stressors that clinical students face during learning and the impact of COVID-19
- Understand which factors do and do not contribute to student mental wellbeing in clinical programs
- Recognise how delivery and assessment of course content can significantly impact on student wellbeing

<sup>1</sup> University of Auckland

 Sunday 10 September  
09.00-10.00

 Eureka Room 3

Philip Turnbull<sup>1</sup>, Lynne  
Petersen<sup>1</sup> and Andrew Collins<sup>1</sup>


### Migraine: what's optometry got to do with it?


#### Systemic Disease

##### Learning objectives

- Recognise migraine, based on symptomatology
- Know the clinical vision tests that might be confounded by migraine
- Appreciate how optometrists and other eyecare professionals can play an important role in the management of migraine

<sup>1</sup> The University of Melbourne

 Saturday 9 September  
14.30-15.30

 Eureka Room 1

Bao Nguyen<sup>1</sup>

## Oral Presentations

### Miyosmart and combination treatments in myopia management

#### Myopia Management

##### Learning objectives

- Practical steps in myopia management using spectacle lenses and atropine
- Practical follow up and treatment guidelines for spectacle patients who continue to progress with myopia
- The use of Miyosmart in different ethnic groups and its effect on myopia and axial length

<sup>1</sup> Rose Optometry

🕒 Saturday 9 September

11.30-12.30

📍 Goldfields Theatre

Jagrut Lallu<sup>1</sup>

### Multimodal imaging approach to diagnosis of age-related macular degeneration

#### Posterior Eye

##### Learning objectives

- Review the use of Fundus Photography, Fundus Autofluorescence (FAF), Spectral Domain (SD) OCT and OCT-Angiography in diagnosis and management of ARMD, focusing on interpretation of normal versus abnormal retinal scans
- Study specific diagnostic biomarkers with various imaging modalities to be able to diagnose Dry ARMD, Geographic Atrophy and Neovascular ARMD
- Focusing on multi-modal imaging approach, to recognise various types of drusen, types of outer retinal layer abnormalities associated with ARMD and types of choroidal neovascularization
- Review the most up-to-date literature looking at retinal biomarkers for ARMD progression and management

<sup>1</sup> New England College of Optometry

🕒 Sunday 10 September

14.30-15.30

📍 Eureka Room 3

Elena Biffi<sup>1</sup>

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## Oral Presentations

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### Myopia control and spectacle lenses – status report - EssilorLuxottica Sponsored Session

#### Myopia Management


##### Learning objectives


- Understand more about the direction of myopia control using spectacle lenses
- Gain insight into the global thinking on myopia control
- Learn more about the different visual needs for myopes over 18 years of age
- Discuss relevant case information

<sup>1</sup> EssilorLuxottica

<sup>2</sup> International Lecturer/consultant

<sup>3</sup> Brien Holden Foundation

 Sunday 10 September  
2.30-3.30

 Plenary 1

Tim Thurn<sup>1</sup>, Mark Bullimore<sup>2</sup>, Nina  
Tahhan<sup>3</sup>

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### Myopia management attitudes in Asia: how the Philippines is coping with the myopia epidemic


#### Myopia Management

##### Learning objectives

- Allow the practitioners to relate the supports and resources required to encounter barriers and challenges

<sup>1</sup> School of Optometry and Vision Science, University of New South Wales, Sydney

<sup>2</sup> Asia Optometric Congress

 Sunday 10 September  
11.30-12.30

 Goldfields Theatre

Anna Tran<sup>1</sup>, Jennifer Choi<sup>1</sup>, Jong Mei  
Khew<sup>2</sup>, Kah Ooi Tan<sup>2</sup> and Monica  
Jong<sup>2</sup>

## Oral Presentations

### Novel technology to extend your clinical practice

#### Glaucoma/ Neuro


##### Learning objectives

- Understand the key differences between MRF and standard clinical instruments for vision and visual field testing
- Integrate knowledge about neuro-ophthalmic disease expression into clinical cases where patients were diagnosed and managed with MRF
- Discuss MRF application in cases having glaucoma and retinal disease and identify the benefits of voice-guided telemedicine for triage and in detecting progression in patients with chronic eye disease

<sup>1</sup> Australian Optometry Association; Imaging and Perimetry Society; Optometry Glaucoma Society

<sup>2</sup> Department of Optometry, University of Melbourne

<sup>3</sup> La Trobe University, Bundoora, Australia

 Friday 8 September  
16.00-17.00

 Eureka Room 1

Algis Vingrys<sup>1</sup>, Selwyn M. Prea<sup>2</sup>  
and Chamini N. Wijesundera<sup>3</sup>


### Optical biometry - the long and the short of it


#### Myopia Management

##### Learning objectives

- Identify why it is necessary to measure axial length in myopic and pre-myopic patients
- Identify methods to measure axial length
- Interpret the measurements and apply them to patient care

<sup>1</sup> University of Waterloo

 Sunday 10 September  
09.00-10.00

 Plenary 1

Debbie Jones<sup>1</sup>


### Oral options: what our patients can put in their mouths to help their dry eye

#### Dry Eye

##### Learning objectives

- Understand the current benefits, risks and prescribing recommendations of oral medications in the management of dry eye disease in Australia and New Zealand
- Understand how some lifestyle habits can impact signs and symptoms of dry eye disease
- Understand the current evidence surrounding nutrition, including essential fatty acids, and its impact on dry eye disease

<sup>1</sup> Matthews Eyecare, Cornea and Contact Lens Society of New Zealand, New Zealand Association of Optometrists

 Saturday 9 September  
09.00-10.00

 Goldfields Theatre

Adele Jefferies<sup>1</sup>

## Oral Presentations

### Overminus lens treatment for intermittent exotropia: risks & rewards

#### Learning objectives

- Describe the dose and duration of overminus lens treatment evaluated in the IXT-5 randomized trial.
- Recall how to measure "IXT control" using the PEDIG IXT Control Scale.
- Recall the demographic and clinical characteristics of the participants in the IXT-5 trial.
- Discuss the primary results of the PEDIG IXT-5 study and know the demographic and clinical characteristics to which these apply.
- Discuss the clinical implications of the surprise finding from the IXT-5 trial.

<sup>1</sup> Marshall B. Ketchum University

🕒 Saturday 9 September

16:25-17:00

📍 Plenary 1

Susan Cotter<sup>1</sup>

### Paediatric anterior segment pathology – visual and ocular complications

#### Anterior Eye and Oral Medication – Anterior Eye

#### Learning objectives

- To be able to describe clinical tests that can inform diagnosis
- Have an understanding of appropriate management plans including referral pathways
- Increase understanding of paediatric lens and corneal anomalies that may present in clinical practice
- To be able to review ophthalmic tests that inform diagnosis
- To be able to review referral and treatment options for managing paediatric patients

<sup>1</sup> Optometry Australia

<sup>2</sup> Optometry Australia, American Academy of Optometry (FAAO)

🕒 Friday 8 September

13.30-14.30

📍 Eureka Room 2

Elspeth Wrigley<sup>1</sup>,  
Ann Webber<sup>2</sup>



## Oral Presentations

### Predictive potential of features of meibomian glands in determining symptoms of dryness in a symptomatic dry eye population

#### Dry Eye

#### Learning objectives

- Participants will learn to identify novel features of meibomian glands that haven't been explored previously
- Attendees will be able to understand the utility of automated algorithms and image analysis to predict dry eye
- Participants (clinicians and researchers) will develop ideas on how they can incorporate eyelid imaging in day-to-day practice and research
- Industry will be able to develop ideas on incorporating new features in meibography to make it more accessible in translating research

<sup>1</sup> School of Optometry & Vision Science, UNSW

<sup>2</sup> University of New South Wales

🕒 Saturday 9 September  
11.30-12.30

📍 Plenary 1

Fatima Iqbal<sup>1</sup>, Jacqueline Tan<sup>1</sup>, Eric Papas<sup>2</sup>, Brianna Nguyen<sup>1</sup>, Casey Phan<sup>1</sup> and Fiona Stapleton<sup>2</sup>

### Preliminary study of practitioners' perception on myopia management practice in China

#### Myopia Management

#### Learning objectives

- Evaluate the elements and what to be considered when embarking on myopia management

<sup>1</sup> Asia Optometric Congress, Asia Optometric Management Academy, School of Optometry and Vision Science, University of New South Wales, Australia

<sup>2</sup> Asia Optometric Congress, School of Graduate Study, Management and Science University, Malaysia

<sup>3</sup> Asia Optometric Congress, School of Graduate Study, Management and Science University, Malaysia Centre of Excellence for Vision and Eyecare, Management and Science University, Malaysia Department of Optometry and Vision Science, Faculty of Health and Life Science, Management and Science University, Malaysia

<sup>4</sup> Asia Optometric Congress, Asia Optometric Management Academy

<sup>5</sup> EuroLens Research, Division of Pharmacy and Optometry, The University of Manchester, UK

<sup>6</sup> Asia Optometric Congress, Asia Optometric Management Academy

🕒 Friday 8 September  
13.30-14.30

📍 Eureka Room 3

Kah Ooi Tan<sup>6</sup>, Monica Jong<sup>1</sup>, Jong Mei Khew<sup>2</sup>, Mohd Zaki Awg Isa<sup>3</sup>, Oliver Woo<sup>4</sup> and Philip Morgan<sup>5</sup>

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## Oral Presentations

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### Prescribing prisms: is there any point?


#### Primary Care/Professional Practice/General Optometry

##### Learning objectives

- Determine the appropriate amount of prism necessary to alleviate symptoms
- Evaluate the optimal method of incorporating prism into spectacles
- Assess the efficacy of a prismatic correction

<sup>1</sup> SUNY College of Optometry

 Friday 8 September  
13:30-14:30

 Plenary 1

Mark Rosenfield<sup>1</sup>

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### Prevalence of myopia amongst children presenting to optometrists in Australia and New Zealand

#### Myopia Management

##### Learning objectives

- Identify trends in the prevalence of myopia in patients who presented to a cohort of optometric practices in Australia and New Zealand
- Understand the prevalence of myopia in Australia and New Zealand in a global context

<sup>1</sup> Optometry Department, Specsavers Australia and New Zealand

 Saturday 9 September  
11:30-12:30

 Goldfields Theatre

Joseph Paul<sup>1</sup>, Pamela Tse<sup>1</sup>,  
Duchesne Markham<sup>1</sup> and  
Ben Ashby<sup>1</sup>

## Oral Presentations

### Preventing corneal infiltrates: update on corneal immune cells and nerves during contact lens wear

#### Contact Lenses

##### Learning objectives

- Understand the role of immune cells and corneal nerves in modulating the corneal immune response
- Learn how contact lens wear modifies the corneal immune response
- Understanding how risk factors for contact lens-related infiltrative events modulate the corneal immune response

<sup>1</sup> University of New South Wales, Sydney

🕒 Friday 8 September  
16:00-17:00

📍 Eureka Room 2

Rabia Mobeen<sup>1</sup>, Fiona Stapleton<sup>1</sup> and Blanka Golebiowski<sup>1</sup>

### Procedures for dry eye management

#### Dry Eye

##### Learning objectives

- Understand how the current definition of dry eye disease informs its diagnosis
- Appreciate the need to subclassify dry eye disease to inform treatment approaches
- Review current artificial tear and technological approaches to dry eye and the research into their effectiveness

<sup>1</sup> Aston University, UK

🕒 Sunday 10 September  
16:00-16:30

📍 Plenary 1

James Wolffsohn<sup>1</sup>

### Retinal microglial changes in response to acute intraocular pressure elevation

#### Glaucoma/ Neuro

##### Learning objectives

- Understand how animal models can be used to study the pathophysiology of glaucoma
- Understand how moderate IOP elevation affects retinal function and how long it might take to recover
- Understand the role of retinal immune cells in retinal ganglion cell survival in glaucoma

<sup>1</sup> Department of Optometry and Vision Sciences, The University of Melbourne

<sup>2</sup> Australian Optometry Association; Imaging and Perimetry Society; Optometry Glaucoma Society

<sup>3</sup> Department of Anatomy and Neuroscience, The University of Melbourne

🕒 Friday 8 September  
16:00-17:00

📍 Eureka Room 1

Anna van Koeverden<sup>1</sup>,  
Bang Bui<sup>1</sup>, Algis Vingrys<sup>2</sup>, Erica Fletcher<sup>3</sup> and Andrew Jobling<sup>3</sup>

## Oral Presentations

### Retinal photography screening for diabetic retinopathy in Victorian Aboriginal Community Controlled Health Organisations


#### Indigenous Eye Health


##### Learning objectives

- Understand that a functioning system for diabetic retinopathy screening around the 17 non-mydratic cameras in Aboriginal Community Controlled Organisations is a critical healthcare priority for Aboriginal Victorians
- Understand the importance of developing a system for early detection and timely management of retinal pathology, particularly diabetic retinopathy, within the framework of Six Building Blocks of Health System Strengthening
- Understand the most important aspects of this system in the context of Aboriginal and Torres Strait Islander health and well-being are: self-determination, a well trained workforce, with time and resources to enable optimal use of the retinal cameras, and access to best practice standards of care in retinal photography in the form of appropriate equipment and a system for grading photographs and referring patients to eye care specialists that ensures Aboriginal data sovereignty

<sup>1</sup> Royal Victorian Eye and Ear Hospital

<sup>2</sup> Victorian Aboriginal Controlled Community Health Organisation

 Sunday 10 September  
09:00-10:00

 Eureka Room 2

James Rule<sup>1</sup>,  
Noela Prasad<sup>2</sup>


### Retinal vascular autoregulation in health and disease

#### Posterior Eye

##### Learning objectives

- Understand retinal blood vessel autoregulation
- Understand the role of glial and pericytes in controlling the blood vessels
- Appreciate how failure of these vascular control mechanisms may be involved in glaucoma and diabetic eye disease

<sup>1</sup> Department of Optometry and Vision Sciences, The University of Melbourne

 Sunday 10 September  
09:00-10:00

 Goldfields Theatre

Bang Bui<sup>1</sup>

## Oral Presentations


### Self-regulation to legislation: journey of Indian optometry, an example to many

#### Primary Care/Professional Practice/General Optometry

##### Learning objectives

- Define self-regulation
- Understand the importance of setting standards through self-regulation
- Appreciate how advocacy leads to legislation

<sup>1</sup> Optometry Council of India

 Friday 8 September  
14:30-15:30

 Eureka Room 1

Ramachandra Shet<sup>1</sup>, Lakshmi Shinde<sup>1</sup>, Anitha Arvind<sup>1</sup>, Jayantha Bhattacharjee<sup>1</sup> and Prema Chande<sup>1</sup>


### Sports-related ocular injuries at a tertiary eye hospital in Australia

#### Primary Care/Professional Practice/General Optometry

##### Learning objectives

- Describe the epidemiology of high-risk sports that are associated with mild and severe ocular injuries
- Describe the mechanisms of ophthalmic trauma associated with sports-related injuries
- Appreciate the short and intermediate sequelae of ophthalmic trauma associated with sports-related injuries
- Generate awareness of the role of health advocacy in mitigating the risk of sports-related eye trauma

<sup>1</sup> The Royal Victorian Eye and Ear Hospital

 Saturday 9 September  
11:30-12:30

 Eureka Room 3

Rahul Chakrabarti<sup>1</sup>, Gizem Ashraf<sup>1</sup>, Janan Arslan and Carmel Crock<sup>1</sup>


### Stemming and navigating the rising tide of Acanthamoeba keratitis

#### Contact Lenses

##### Learning objectives

- Recognise the modifiable and non-modifiable risk factors for contact lens associated Acanthamoeba keratitis
- Design strategies for communicating healthy contact lens wear

<sup>1</sup> University of New South Wales, Sydney

 Friday 8 September  
16:00-17:00

 Eureka Room 2

A/Prof. Carnt<sup>1</sup>

## Oral Presentations


### Strategies to promote mental wellbeing and avoid burnout in optometry

#### Other

#### Learning objectives

- Summarise the factors that lead to burnout in optometry
- Outline evidence-based strategies to improve mental health and wellbeing
- Discuss the importance of education in skill development to increase resilience
- Explain the factors in workplace culture and design that impact professional satisfaction

<sup>1</sup> University of Western Australia

 Sunday 10 September  
09:00-10:00

 Eureka Room 3

Lisa Jansen<sup>1</sup>


### Student perceptions on the use of conversational chatbots in a virtual eye clinic


#### Optometric Education

#### Learning objectives

- Inform optometric educators of a new learning technology incorporating chatbots into case-based learning

<sup>1</sup> The Hong Kong Polytechnic University

 Sunday 10 September  
14.30-15.30

 Eureka Room 2

Jessica Neuville<sup>1</sup>, Kin Hei Lau<sup>1</sup>,  
Hoi Ching Chung<sup>1</sup>, Ching Hong  
Chung<sup>1</sup>, Yee Kiu So<sup>1</sup> and Allen  
Cheong<sup>1</sup>


### Surface gel layers: reductions in shear stress and cell damage

#### Contact Lenses

#### Learning objectives

- What is shear stress?
- What is a surface gel layer?
- How does lubricity depend on water content?

<sup>1</sup> University of Florida

 Saturday 9 September  
09:00-10:00

 Eureka Room 2

W. Gregory Sawyer<sup>1</sup>

## Oral Presentations

### The double-edged sword of ChatGPT in eye care

#### Learning objectives

- Discuss the advantages of integrating ChatGPT into eye care practices.
- Discuss the potential pitfalls, biases, and uncertainties of using ChatGPT in medical contexts.
- Discuss the ethical considerations related to patient privacy, informed consent, and the responsibility of human oversight when utilizing ChatGPT in eye care practice.

<sup>1</sup> Marshall B. Ketchum University

🕒 Sunday 10 September

16:00-16:30

📍 Plenary 1

Susan Cotter<sup>1</sup>

### The dry eye wheel – a better way to tackle dry eye

#### Dry Eye

#### Learning objectives

- Have a better understanding of the tear film and ocular surface's role in maintaining ocular comfort
- Have explored mitigations to minimise dry eye
- Be able to assist patients with dry eye, regardless of their existing skills and access to equipment

<sup>1</sup> The University of Auckland, NZ

<sup>2</sup> Centre for Ocular Research & Education (CORE); University of Waterloo, Canada

<sup>3</sup> Aston University, UK

🕒 Friday 8 September

10.30-11.30

📍 Goldfields Theatre

Jennifer Craig<sup>1</sup>, Lyndon Jones<sup>2</sup>  
and James Wolffsohn<sup>3</sup>

### The latest contact lens innovation and technology from Bausch & Lomb - Sponsored Session

#### Contact Lens

#### Learning objectives

- Recognise that comfort, vision and health are important to all contact lens wearers
- Describe how contact lens development and advancement are essential to innovative technology
- Appreciate the importance of prescribing tailored solutions to ensure successful contact lens fits

<sup>1</sup> Bausch & Lomb

🕒 Saturday 9 September

7.30-8.30

📍 Eureka Room 1

Simon Hanna<sup>13</sup>


## Oral Presentations

### The power of consensus


#### Learning objectives

- Have an overview of how consensus reports are developed
- Understand how best to utilise consensus reports
- Have experienced how a diagnosis can only be created by a consensus approach

<sup>1</sup> Aston University, UK

 Friday 8 September

09:30-09:50

 Plenary 1

James Wolffsohn<sup>1</sup>

### The role of culture and language in effective doctor-patient interactions


#### Professional Practice (Ethics, Communication Skills and Evidence into Practice)

#### Learning objectives

- Understand the role that culture and language concordance play in fostering an effective patient-doctor relationship
- Learn the cultural dimensions that influence patient's preferences and behaviors
- Explore how they can increase perceived quality of care by providing cultural concordant care

<sup>1</sup> SUNY Optometry

<sup>2</sup> SUNY College of Optometry

 Friday 8 September

16:00-17:00

 Eureka Room 3

Gui Albieri<sup>1</sup>,  
Jennifer Hue<sup>2</sup>

### Thinking beyond glaucoma to the brain


#### Glaucoma/ Neuro

#### Learning objectives

- Develop an awareness of visual signs and symptoms in brain diseases
- Develop a deeper appreciation for neurology driven OCT changes
- Gain a deeper understanding of how to differentially diagnose glaucoma and brain diseases

<sup>1</sup> The University of Melbourne

<sup>2</sup> Australian College of Optometry

 Friday 8 September

13.30-14.30

 Eureka Room 1

Christine Nguyen<sup>1</sup>,  
Adrian Bruce<sup>2</sup>



# Oral Presentations

## Unanswered questions in myopia management

### Myopia Management

#### Learning objectives

- Explain the general evidence-base for myopia management interventions based on age and refraction
- Discuss approaches in understanding comparative efficacy of myopia control treatments
- Determine what represents a successful long-term outcome in childhood myopia management

<sup>1</sup> Myopia Profile Pty Ltd, Queensland University of Technology

<sup>2</sup> Myopia Profile Pty Ltd, University of New South Wales, Sydney

## Utilising advocacy and leadership to achieve universal eye health coverage

### Public Health

#### Learning objectives

- Define advocacy and understand the need for advocacy within the profession of optometry
- Discuss leadership styles and how to incorporate a personal style into program development
- Describe the steps necessary to begin developing an advocacy program
- Provide tools and resources to aid in development of programs

<sup>1</sup> American Optometric Association

<sup>2</sup> LSHTM

🕒 Saturday 9 September  
09:00-10:00

📍 Plenary 1

Kate Gifford<sup>1</sup>,  
Paul Gifford<sup>2</sup>

🕒 Friday 8 September  
14.30-15.30

📍 Eureka Room 2

Don Lyon<sup>1</sup>, Luisa Casas Luque  
and Priya Morjaria<sup>2</sup>

## Oral Presentations

What can corneal immune cells and sensory nerves tell us about eye and systemic health?

### Anterior Eye and Oral Medication – Anterior Eye Therapeutic

Learning objectives

- Describe the immune cell subtypes in the cornea, and how these cells are important for maintaining the health of the ocular surface and for deriving therapeutic effects
- Appreciate how corneal in vivo confocal microscopy can be used as a non-invasive tool that provides unique insight into eye and systemic disease, and the use of different therapies
- Understand the bidirectional interaction between corneal immune cells and sensory nerves, and how this interplay can be leveraged to develop new therapies to treat corneal disease

<sup>1</sup> The University of Melbourne

🕒 Friday 8 September

10.30-11.30

📍 Eureka Room 1

Laura Downie<sup>1</sup>,  
Holly Chinnery<sup>1</sup>

What do struggling learners need from their optometrist?

### Paediatric Binocular

Learning objectives

- Participants will develop their practise by engaging with a critical analysis of the evidence and theories regarding the effects and interactions between vision and learning in the classroom, particularly as they relate to a struggling learner

<sup>1</sup> University of New South Wales, Sydney

<sup>2</sup> University of New South Wales, Sydney; University of Melbourne

<sup>3</sup> University of New South Wales, Sydney

🕒 Saturday 9 September

09:00-10:00

📍 Eureka Room 3

Amanda Lea<sup>1</sup>, Tim Fricke<sup>2</sup> and  
Isabelle Jalbert<sup>3</sup>

What is new and upcoming in visual field assessment?

### Glaucoma/ Neuro

Learning objectives

- Gain an appreciation of new technology that is available for perimetry now, in addition to likely future advances
- Enhance understanding of how perimetry and structural data can be linked for the assessment of glaucomatous damage
- Develop an appreciation for research developments in visual field assessment and how these influence clinical practice now and in the future

<sup>1</sup> Department of Optometry and Vision Sciences, University of Melbourne and Lions Eye Institute and School of Allied Health, University of Western Australia

🕒 Friday 8 September

13.30-14.30

📍 Goldfields Theatre

Allison McKendrick<sup>1</sup>

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## Oral Presentations


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### WHO World Report on Vision and its impact to optometry

#### Other

#### Learning objectives

- Recognise the future demands on eye care worldwide in terms of population growth, ageing, and the increase in chronic diseases.
- Understand optometry as a profession and as individuals need to be proactive in advocating for increased access to eyecare, and in preparing for potential changing roles in health systems.

 Friday 8 September  
9.30-9.50

 Plenary 1

Peter Hendicott<sup>1</sup>

<sup>1</sup> World Council of Optometry

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