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<th>Date</th>
<th>Time</th>
<th>Event Title</th>
<th>Speaker(s)</th>
<th>Description</th>
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<tbody>
<tr>
<td>Wednesday</td>
<td>23 October</td>
<td>Pediatric Bumps, Lumps and Tumors</td>
<td>Nidhi Rana</td>
<td>• To review the bumps, lumps and tumours seen in a paediatric population.</td>
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<td></td>
<td>8:00 AM</td>
<td>C-72020 1 CET point</td>
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<td>• To distinguish between what’s common and what is potentially rare and fatal.</td>
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<td>• To think outside the box for some that look normal but are not.</td>
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<td>9:00 AM</td>
<td>The Science of Soft Contact Lenses Fitting</td>
<td>Beth Kinoshita Matthew Lampa Mark Paul Andre</td>
<td>• Describe the corneal shape and the contributions to its sagittal depth.</td>
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<td>• Be familiar with how to measure sagittal depth of the eye.</td>
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<td>• Describe the use of sagittal depth to improve fit and how it affects clinical decision making.</td>
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<td>1:00 PM</td>
<td>Choroidal Pathology: Vascular, Inflammatory and Tumors</td>
<td>Michael Yapp</td>
<td>• Have an improved understanding of the role and nature of the choroid in pathology evident in the posterior eye.</td>
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<td>• Be able to appropriately utilise and interpret multimodal imaging for the diagnosis of choroidal based pathology.</td>
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<td>• Have increased confidence in the management of choroidal pathology.</td>
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<td>• Understand the interpretation of multimodal imaging for the diagnosis of choroidal based pathology.</td>
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<td>2:00 PM</td>
<td>Acknowledging and Eliminating Contact Lens Visual Discomfort</td>
<td>Erin Rueff</td>
<td>• Learn how to differentiate visual discomfort from ocular discomfort.</td>
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<td>• Learn how to prevent and treat vision-related contact lens discomfort.</td>
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<td>• Understand why visual discomfort is overlooked in contact lens wearers.</td>
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<td>4:00 PM</td>
<td>Diabetic Retinopathy: An Update in the Anti-VEGF Era</td>
<td></td>
<td>• Understand findings from studies on diabetic macular oedema with particular emphasis on center-vs. non-center involved diabetic macular oedema.</td>
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<td>• Understand the potential value of anti-VEGF treatment on proliferative diabetic retinopathy and</td>
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<tr>
<td>1 CET point</td>
<td>Kuniyoshi Kanai</td>
<td>how optometrists should consult with the patients before referral.</td>
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**Thursday 24 October 9:00 AM**  
C-71854  
1 CET point

**Mistakes to Avoid in Glaucoma**  
Joseph Sowka

- To recognise common errors in interpreting OCT scans.  
- To recognise and differentiate a neurological visual field from one caused by glaucoma.  
- To recognise risk factors for progression.

**Thursday 24 October 2:30 PM**  
C-71856  
1 CET point

**Myopia: 12 Evidence-Based Things You Need to Know**  
Mark Bullimore  
Noel Brennan

- To understand the tsunami of myopia and its public-health impact.  
- To understand the factors influencing myopia onset, progression, and stabilization.  
- To understand the benefits and limitations of myopia control in practice.

**Thursday 24 October 2:30 PM**  
C-71869  
1 CET point

**Visual Fields in 2019: Still Relevant in your Clinical Practice?**  
Jack Phu

- Identify suitable perimetry techniques for examining various ocular and neurological pathologies.  
- Critically analyse a visual field result to accurately integrate it into the individual patient case.  
- Integrate visual field data with structural measurements of the eye.

**Thursday 24 October 4:30 PM**  
C-71855  
1 CET point

**When OCT is Not Enough - A Multimodal Imaging Approach to Ocular Disease Diagnosis**  
Michael Yapp

- Have an increased understanding of the use of structural testing for the differential diagnosis and management of ocular disease.  
- Have a better understanding of the limitations of OCT use in the differential diagnosis of ocular disease.  
- Have utilised a step-wise approach to the differential diagnosis of ocular signs and symptoms.
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<tr>
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<th>Presenter</th>
<th>Objectives</th>
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| Friday     | 25 October   | C-71803  | Disc Drusen - What's New, and a Little Review                        | Elizabeth Steele           | • Effectively differentiate disc oedema from optic nerve head drusen using diagnostic tools and trends from the literature.  
• Understand how spectral domain OCT, ultrasonography, visual field, and fundus autofluorescence (FAF) can be interpreted to assist in the diagnosis of and referral decisions for optic disc drusen.  
• Understand how to utilize spectral domain OCT, ultrasonography, visual field, and FAF to maximize accuracy in diagnosis of optic disc drusen.  
• Understand the most recent tools in spectral domain OCT, including enhanced depth imaging (EDI), when it comes to early diagnosis of drusen.  
• Effectively differentiate disc oedema from optic nerve head drusen using diagnostic tools and trends from the literature.                                                                                                           |
|            | 8:00 AM      | 1 CET    |                                                                        |                            |                                                                                                                                                                                                                                                                                                                                          |
|            | 25 October   | C-71936  | Overweight and Obesity as an Optometric Concern                      | Matthew Pearce             | • Attendees will be able to describe the epidemiology of overweight and obesity in the United States (comparable trends to UK and other high income countries).  
• Attendees will be able to analyse the multifaceted causes of overweight and obesity in the United States (comparable to UK).  
• Attendees will be able to plan how to address overweight and obesity during their patient consultations.                                                                                                                                                                                                                      |
|            | 10:00 AM     | 1 CET    |                                                                        |                            |                                                                                                                                                                                                                                                                                                                                         |
|            | 25 October   | C-71807  | Managing Digital Device Use in Young Children                       | Glen Steele                | • Raised awareness of issues and consequences of digital device use by young children.  
• Understanding of test observations and additional testing that could be required.  
• Present recommendations for parental guidance on device use by children.                                                                                                                                                                                                                                                        |
|            | 11:00 AM     | 1 CET    |                                                                        |                            |                                                                                                                                                                                                                                                                                                                                         |
|            | 25 October   | C-72224  | AMD: Current Science and Trends in Diagnosis and Treatment          | Jeffry Gerson              | • Discuss current standards in diagnosis of AMD, both for dry and wet AMD.  
• Discuss current trends and standards in treatment of both dry and wet AMD, as well as translation of study results into real life outcomes.  
• Discuss the future potential AMD technologies and treatments.                                                                                                                                                                                                                                                                         |
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| Friday       | 25 October | Optometric Care of Transgender Patients          | Paula McDowell, Lillian Kalaczinski | • Increased confidence and use of correct terminology when providing eye care to a transgender person.  
• Understand barriers to health care access and common health disparities including behavioral health, discrimination, and lack of access to culturally competent health care providers, for transgender patients.  
• Understand legal responsibilities incumbent on optometrists and opticians to provide non-discriminatory eye care. |
|              | 3:00 PM   | C-71818 1 CET point                              |                                   |                                                                                                                                                                                                                     |
| Friday       | 25 October | What's New and What's Next in Glaucoma           | Murray Fingeret                   | • At the end of this lecture, the attendee will understand the new glaucoma medications and how they reduce intra-ocular pressure.  
• At the end of this lecture, the attendee will understand the recent advances in regards to optical coherence tomography.  
• At the end of this lecture, the attendee will understand the role on the central field in recognizing glaucoma loss. |
|              | 3:00 PM   | C-71804 1 CET point                              |                                   |                                                                                                                                                                                                                     |
| Friday       | 25 October | Utilizing Prisms in the Primary Care Practice    | Sandra Fox                        | • Understand evaluation and prescribing of prism for diplopia, visual discomfort and vestibular issues in a step by step process.  
• Learn how different types of prism can be utilised to improve mobility in those with visual field loss and/or neglect.  
• Understand how to utilise Fresnel prisms prior to prescribing ground in prism and what resources are available for unique prism needs. |
|              | 5:00 PM   | C-71857 1 CET point                              |                                   |                                                                                                                                                                                                                     |
| Saturday     | 26 October | Painless Shingles and the Zoster of Tomorrow     | A. Mika Moy                       | • Understand the disease profile of varicella (chicken pox) and how the vaccine has changed it.  
• Understand the disease profile of herpes zoster (shingles) and ways that the vaccine might change it, become familiar with vaccination recommendations.  
• Understand how HZO may present differently to the clinician than previously, and age groups that will be changed currently. |
|              | 8:00 AM   | C-71800 1 CET point                              |                                   |                                                                                                                                                                                                                     |
| Saturday     | 26 October | Interpreting OCT Retina                          | Sowmya Srinivas                   | • Understand how to interpret the retina with OCT.  
• Explore common and unique case identification using OCT. |
<p>|              | 1:00 PM   | C-71815 1 CET point                              |                                   |                                                                                                                                                                                                                     |</p>
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| Saturday 26 Oct   | 2:00 PM         | Evidence-based Practice in Angle Closure Spectrum Disease: Gonioscopy and Multimodal Imaging | Jack Phu                 | • Be able to identify and stage cases of angle closure spectrum disease to appropriately discharge, review or refer within their practice.  
• Critically apply and appraise ancillary imaging techniques used to cases of angle closure spectrum disease.  
• Understand the role of quantitative data provided by imaging techniques in measuring the natural history and treatment outcomes of angle closure spectrum disease.  |
| Saturday 26 Oct   | 3:00 PM         | Future Practice: OD Meet AI                                           | Barbara Caffery          | • To gain knowledge of artificial intelligence and computer deep learning and how this relates to recognition of ocular conditions.  
• To understand the use of AI in clinical practice and how our roles will change because of it.  
• To gain knowledge of artificial intelligence and computer deep learning and how investigation and identification of ocular conditions may be possible with AI. |
| Saturday 26 Oct   | 4:00 PM         | Dry Eye Disease: Sjögren’s or Non-Sjögrens? Life-saving Differentiation in Optometric Practice | Lee Guo                  | • Name at least five hallmark signs and symptoms that would flag patients for Sjögren’s Syndrome.  
• Describe how to apply the internationally recognised SICCA Ocular Staining Score in clinical practice.  
• Recognise medications and treatment approaches by other medical specialties in the interdisciplinary co-management of Sjögren’s Syndrome. |
| Sunday 27 Oct     | 8:00 AM         | Innovations in Glaucoma: Next Generation Technology, Medications, and Delivery | Justin A. Schweitzer     | • Understand new and innovative diagnostic technology that can aid in diagnosing and monitoring for progression.  
• Understand new and innovative glaucoma medications and surgical glaucoma procedures.  
• Understand the future of glaucoma drug delivery procedures and devices that are currently being evaluated in clinical trials. |
### Sunday 27 October
#### 8:00 AM
**CET Learning Objectives 2019**

**What's New in IOL's**

- Mitchel Ibach
- Bobby Saenz

- Describe the changing landscape and patient demand post cataract surgery.
- Review the current Presbyopia correcting IOLs.
- Show a sneak peek into what’s coming for new IOL’s in clinical trials.
- Understands the patient needs post cataract surgery and therefore treatment option choices available to them at diagnosis/referral.
- Be aware of the current Presbyopia correcting IOLs and those IOLs potentially available in the future (now in clinical trials).

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#### 9:00 AM

**Cranial Nerve Palsies: What You Always Wanted to Know but Were Afraid to Ask**

- Cheryl A. Letheren

- To understand the signs and symptoms of palsies caused by the Big Three- III IV and VI nerves.
- Explore differential diagnosis and referral decisions for III IV and VI nerve palsies. Understand treatment options available for III IV and VI nerve palsies.
- Explore examinations required for differential diagnosis of III IV and VI nerve palsies.
- Understand treatment options available for III IV and VI nerve palsies.

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#### 10:00 AM

**Contact Lens Options for Irregular Corneas**

- Lakshmi Shinde
- Luigina Sorbara

- To understand and interpret topographical maps produced by the corneal topographers.
- To identify the type of cornea that each case has and how to select the appropriate contact lens based only on this information.
- To review contact lens design options appropriate for fitting irregular corneas and how to select the initial lens parameters that is the base curve, lens diameter and back optic zone diameter using the maps.

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#### 10:00 AM

**Update on the Treatment of Diabetic Retinopathy**

- Josh Z. Yuen

- To learn about screening and control of systemic risk factors for diabetic retinopathy.
- To learn the pharmacological treatments for diabetic macular oedema (anti-VEGF, steroid and surgery).
- To learn the future Pharmacological treatment direction for diabetic retinopathy.

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#### 11:00 AM

**Overcoming the Challenge of Managing Patients with Headache Disorders**

- Understands what questions to ask when a patient complains of headaches.
- Understands the classification of headaches, and the significance of symptoms. Manages appropriately.
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<th>CET point</th>
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<th>Content</th>
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| 1         | Khadija S. Shahid      | • Recognise when headache and facial pain can indicate emergency.  
• Identify appropriate plan of care and referral for emergent and non-emergent cases of headache.  
• Classify headache types and understand principles of management. |
| Sunday    | Aquired Brain Injury Diagnosis and Treatment: Cases from the Trenches | Marc B. Taub | • Introduce the signs and symptoms associated with acquired brain injury.  
Introduce a treatment approach that highlights vision rehabilitation.  
• Present cases of acquired brain injury to discuss various vision rehabilitation activities. |
| 1         | Ian P. Davies          | • Understand the role of communication in delivering improved patient outcomes.  
• Understand how patients process information and how communication styles need to be able to flex in order to be effective.  
• Understand how language needs adapting to meet patient needs and learn specific techniques for assessing the readability of written communication. |
| 3         | Karen N. Sparrow       | • To understand the importance of clear communication with the patient in challenging situations and how to break bad news.  
• To discuss the investigation, diagnosis and management of common (cataract/glaucoma) and less common ocular disease or manifestations of systemic disease.  
• To discuss effective refraction techniques and dispensing and how to maximise their effectiveness in challenging environments.  
• To discuss and contrast referral pathways with UK options and also multi-disciplinary team working for effective and consistent patient care.  
• To understand presentations of amblyopia and strabismus in children, and how to manage and refer these effectively.  
• To understand the management of keratoconus and treatment options including contact lenses and medical intervention. |
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| Sunday 27 October | 2:00 PM       | Contact Lenses for the Presbyope                                            | Janice M. Jurkus              | • To know contact lens options for the presbyopic patient.  
• How to set realistic expectations for the presbyopic lens wearer.  
• Understand trouble shooting techniques for the presbyopic patient. |
|                   |               |                                                                             |                               |                                                                                                                                                                                                                       |
|                   |               | Glaucoma Masqueraders – Conditions that Mimic Optical Coherence Tomography  | Lee Q. Vien, David Yang       | • To understand that OCT results need to be considered alongside other clinical findings when deciding if referral is appropriate for suspect glaucoma.  
• To understand the overlap of OCT findings in non-glaucomatous optic neuropathy and retinal pathologies with glaucoma.  
• To understand the importance of correlating clinical findings in OCT, visual field, and optic nerve appearance.  
• Review OCT findings in glaucoma.  
• To understand the importance of good history taking to help with differential diagnosis when considering abnormal OCT findings. |
|                   |               | Findings in Glaucoma                                                       |                               |                                                                                                                                                                                                                       |
|                   |               |                                                                             |                               |                                                                                                                                                                                                                       |
|                   | 3:00 PM       | Are we being Myopic about Myopia Management? Evidence-Based Clinical Care  | Fuensanta A. Vera-Diaz        | • Understand how knowledge gained from epidemiology and risk factors and up to date available treatments for myopia prevention and control can be applied to patient education and communication.  
• Critically and effectively review the available currently available scientific evidence on myopia management and apply it to the clinical management of myopic patients.  
• Understand how up to date available treatments for myopia prevention and myopia control can be applied to clinical decision making. |
|                   |               | of Myopia                                                                  |                               |                                                                                                                                                                                                                       |
|                   |               |                                                                             |                               |                                                                                                                                                                                                                       |
|                   | 3:00 PM       | Cognitive Strategies to Improve Patient Care in Cross-Cultural Settings    | Guilherme Albieri, Jennifer   | • Identify how cultural differences affect the patient-doctor relationship.  
• Recognize natural emotional reactions during cross-cultural encounters when values and behaviours differ from our own.  
• Identify self-regulatory strategies that can be used when strong emotional reactions arise. |
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| Sunday 27 October 3:00 PM | Diagnosis and Management of Refractive Error in Infants and Young Children: Current Perspectives | • Differentiate normal and abnormal refractive error at various ages based on the current literature on refractive error norms.  
• Determine an appropriate refractive error prescription for children of various ages and clinical profiles.  
• Discuss clinical characteristics, aside from refractive error, that should be considered before deciding on whether or not to prescribe, and if so, what prescription should be provided. | Susan A. Cotter  
Tawna Roberts |
| Sunday 27 October 3:00 PM | Optometry’s Role in Low Vision? An Illustrated Three Tier Model | • To learn the role of optometry in providing low vision care.  
• To stimulate interest in different opportunities for involvement in low vision care.  
• To develop assessment and rehabilitation skills. | Susan J. Leat |
| Sunday 27 October 4:00 PM | Coping with the Big C - Helping your Patients Cope with the Ocular Side Effects of Cancer Treatment | • To understand the range of ocular side effects associated with cancer treatment.  
• To appreciate the patient’s perspective on cancer treatment and side effects in order to support and communicate better.  
• To appreciate and be able to access information and resources from groups and organisations relating to cancer care and patient support. | Karen N. Sparrow |