

## Session summaries and learning outcomes

<b>Saturday 4<sup>th</sup> November 2023</b>				
<b>Time</b>	<b>Session details</b>	<b>Speaker</b>	<b>CPD Points</b>	<b>Practitioner type &amp; Domains</b>
<b>9:00</b>	<b>Session One</b> <b>Quick-fire presentation session</b> <i>This session consists of five quick-fire 10-minute presentation with a panel Q&amp;A:</i>			Practitioner type:  Domains:
1	The impact of the emergence of Advanced Clinical Practice on the professional identity of ophthalmic professionals	Jay Varia		
2	Examining the Signal-To-Noise Ratio for Functional Measures in ARMD	Wing Shing Low		
3	Cataract Biometry Audit at Royal Derby Hospital	Aishwarya Khanna		
4	Audit of performance, outcomes & safety of SLT treatment delivered by optometrists	Wing Shing Low		
5	Paediatric glaucoma referrals to the low vision service: Do we refer enough?	Hannah Dunbar		
<b>10:10</b>	<b>Session Two</b> <b>30 years on from the urban low vision clinic – the changing habits of low vision practitioners</b>	<b>Speaker</b>	<b>CPD Points</b>	<b>Practitioner types &amp; Domains</b>
	Janet Silver has been widely acknowledged as introducing the practice of low vision assessment within the Moorfields Eye Hospital optometry clinics in the early 70s. This presentation reviews how the practice of 'low vision' has changed since she retired almost 30 years ago, together with both how and why we have become a more integrated, multidisciplinary service across our four nations. Landmark and pioneering changes will be revisited, together with an overview of the research underpinning the day-to-day delivery of how, where and by whom our low vision services are now delivered.  <b>Learning outcomes</b> <ul style="list-style-type: none"> <li>• Practitioners will recognise where to refer patients with low vision for multidisciplinary support</li> <li>• Practitioners will be able to describe how the practice of low vision assessment has evolved to become a multidisciplinary service.</li> </ul>	Dr Jane Macnaughton	1	<b>Practitioner type:</b> Optometrists, Dispensing opticians  <b>Domains:</b> Clinical practice, Professionalism
<b>11:30</b>	<b>Session Three</b> <b>See food cocktail</b>	<b>Speaker</b>	<b>CPD Points</b>	<b>Practitioner types &amp; Domains</b>
	This lecture will introduce the various ways the visual systems of aquatic organisms such as scallops, octopus,	Professor Ron Douglas	1	<b>Practitioner type:</b>

	<p>shrimps and fish have adapted to their watery environment. The audience will be surprised by what these animals can do and how they do it. Topics covered will include optics, ocular structure and colour vision. It will become obvious that there are many ways to solve a given ocular problem and that the solution arrived at by humans is never the only one, rarely the best and never the most interesting.</p> <p><b>Learning outcome</b></p> <ul style="list-style-type: none"> <li>Practitioners will be able to describe how the visual systems of aquatic organisms can aid with solving ocular problems.</li> </ul>			<p>Optometrists, Dispensing opticians</p> <p><b>Domain:</b> Clinical practice</p>
<b>14:00</b>	<p><b>Session 6</b> <b>Parallel Sessions</b></p>	<b>Speakers</b>	<b>CPD Points</b>	<b>Practitioner types &amp; Domains</b>
A	<p><b>Let's go large!</b></p> <p>This will be a practical session specific to handling two larger diameter lenses, Rose K2 XL corneoscleral lenses and TimeXL scleral lenses. It will look at the difference between these two types of lens design and how they are fundamentally different and should be assessed accordingly.</p> <p>Delegates will work in small groups to apply the lens and use a slit lamp to assess fluorescein patterns, lens alignment and other fitting features that should be observed when fitting these two lenses.</p> <p>The session will allow for delegates to ask questions on fitting techniques and for troubleshooting when things need to be adjusted or modified.</p> <p>This session is not CPD accredited.</p>	<p>Josie Barlow and Hans Sunassee</p>	<b>0</b>	
B	<p><b>Peer review for specialty optometrists (AS/SP/IP): Glaucoma</b></p> <p>This peer review will deliver cases that encompass the following aspects in the specialism of glaucoma:</p> <ul style="list-style-type: none"> <li>Risk factors</li> <li>Detection and stratification</li> <li>Differential diagnoses</li> <li>Surgical and non-surgical management</li> <li>Communication skills</li> <li>The role of the specialty optometrist in detection and management.</li> </ul> <p><b>Learning outcomes</b></p>	<p>Matt Roney</p>	<b>3</b>	<p><b>Practitioner types:</b> Specialty Optometrists</p> <p><b>Domains:</b> Communication, Clinical practice</p>

	<ul style="list-style-type: none"> <li>Practitioners will be able to identify glaucoma risk factors through clinical history and outline the implications of glaucoma to patients</li> <li>Practitioners will recognise the key features of glaucoma and manage patients relative to their scope of practice</li> </ul>			
C	<p><b>Peer review: Paediatric low vision</b></p> <p>This peer review session will consider the detection, diagnosis, management and treatment options for a range of paediatric low vision cases.</p> <p><b>Learning outcomes</b></p> <ul style="list-style-type: none"> <li>Practitioners will be able to outline management options to patients for a range of paediatric low vision cases</li> <li>Practitioners will be able to recognise a range of paediatric low vision conditions and identify management options.</li> </ul>	Ann Barrett and Rachel Bond	3	<p><b>Practitioner types:</b> Optometrists, Dispensing opticians</p> <p><b>Domains:</b> Communication, Clinical practice</p>
D	<p><b>Peer review for general optometrists: Medical retina</b></p> <p>The detection, diagnosis, management and treatment options for a range of medical retina cases will be considered with discussion facilitated among a group of peers.</p> <p><b>Learning outcome</b></p> <ul style="list-style-type: none"> <li>Practitioners will recognise the key features of a range of medical retina conditions and manage patients relative to their scope of practice.</li> </ul>	Claire Melvin, Mohammed Abid and Nicola Cassels	3	<p><b>Practitioner types:</b> Optometrists</p> <p><b>Domains:</b> Clinical practice</p>
E	<p><b>Peer review: Contact lens and anterior eye</b></p> <p>This peer review will present a sample of cases regarding the management options available with medical contact lenses (RGP, mini-scleral, scleral, specialist soft lenses) for anterior eye conditions found in both primary and secondary care.</p> <p><b>Learning outcome</b></p> <ul style="list-style-type: none"> <li>Practitioners will recognise the indications for using medical contact lenses to manage a range of anterior eye conditions.</li> </ul>	Elizabeth Dinsdale and Katie Etherton	3	<p><b>Practitioner types:</b> Optometrists</p> <p><b>Domains:</b> Clinical practice</p>
15:05	<p><b>Session 7</b></p> <p><b>Parallel Sessions</b></p>	<b>Speakers</b>	<b>CPD Points</b>	<b>Practitioner types &amp; Domains</b>
A	<p><b>Scleral lens simplicity with Zenlens: an introduction to the Zenlens fitting philosophy</b></p> <p>This session will outline the Zenlens fitting philosophy. Ease of fitting and comprehensive parameters define the</p>	Dr Jason Jedlicka	0	

	<p>Zenlens system, making it a one-stop scleral lens product for you to help a wide range of patients with confidence.</p> <p>The speaker will highlight:</p> <ul style="list-style-type: none"> <li>• The wide range of design features of Zenlens and customisable parameters on offer to fit a broad range of patients' need</li> <li>• Walk through the simple three-step (select, assess, refract) process to help fit patients with confidence</li> <li>• The high level of continuous support provided to practitioners.</li> </ul> <p>This session is not CPD accredited.</p>			
B	<p><b>Demonstration and discussion workshop: Eyelid lesions and minor surgery techniques</b></p> <p>This session will discuss the differential diagnoses of eyelid lesions and consider surgical treatments, covering eligibility, consent, anaesthesia and equipment. Minor surgical techniques will be explored and equipment demonstrated for performing:</p> <ul style="list-style-type: none"> <li>• Incision and curettage</li> <li>• Incisional/excisional biopsy</li> <li>• Shave/snip excision, aspiration, derroofing, punch biopsy</li> <li>• Basic suturing techniques.</li> </ul> <p><b>Learning outcomes</b></p> <ul style="list-style-type: none"> <li>• Practitioners will be advised on consent processes relating to minor surgical procedures for managing eyelid lesions</li> <li>• Practitioners will be able to undertake differential diagnosis and be updated on surgical management of eyelid lesions.</li> </ul>	Scott Hau	3	<p><b>Practitioner types:</b> Optometrists, Dispensing opticians</p> <p><b>Domains:</b> Communication, Clinical practice</p>
C	<p><b>Discussion workshop: OCT and glaucoma</b></p> <p>The role of OCT imaging in diagnosing and managing glaucoma will be covered in this interactive discussion workshop. A systematic approach to detect glaucomatous damage, understanding the pattern of damage, reducing uncertainty in determining early glaucoma, common artefacts of images, structure-function relationships and the trend in glaucomatous damage will be discussed using examples from glaucoma clinic.</p> <p><b>Learning outcome</b></p> <ul style="list-style-type: none"> <li>• Practitioners will recognise the systematic steps required to detect and monitor glaucomatous changes.</li> </ul>	Dr Subash Sukumar	3	<p><b>Practitioner types:</b> Optometrists</p> <p><b>Domains:</b> Clinical Practice</p>

D	<p><b>Demonstration and discussion workshop: Empirical scleral lens fitting using scleral topography</b></p> <p>This workshop will explore empirical scleral contact lens design with the use of scleral topography to achieve free-form or other lens design options. This innovation in scleral lens fitting has the potential to reduce the number of lenses applied during the initial consultation, reduce chair time and reduce the number of lenses ordered to reach a final endpoint. Scan acquisition will be demonstrated with both the Oculus Pentacam - Cornea Scleral Profile (CSP) and Eaglet-Eye Eye Surface Profiler (ESP). Lens design using proprietary software will be shown.</p> <p><b>Learning outcome</b></p> <ul style="list-style-type: none"> <li>Practitioners will be updated on contemporary methods for empirical scleral contact lens fitting.</li> </ul>	Yetunde Obadeyi and Aneel Suri	2	<p><b>Practitioner types:</b> Optometrists, Contact lens opticians</p> <p><b>Domains:</b> Clinical practice, CL specialty</p>
E	<p><b>An update on AMD</b></p> <p>This lecture will consider the diagnosis of AMD and provide an update on the newer anti-VEGF therapies and emerging treatments.</p> <p><b>Learning outcomes</b></p> <ul style="list-style-type: none"> <li>Practitioners will be able to advise patients on developments in AMD treatment options</li> <li>Practitioners will consolidate their knowledge on AMD diagnosis and recognise the latest developments in treatment options.</li> </ul>	Saanan Umeed	1	<p><b>Practitioner types:</b> Optometrists, Dispensing opticians</p> <p><b>Domains:</b> Communication, Clinical practice</p>
16:30	<p><b>Session 8</b> <b>Parallel Sessions</b></p>	<b>Speakers</b>	<b>CPD Points</b>	<b>Practitioner types &amp; Domains</b>
A	<p><b>Demonstration and discussion workshop: Amniotic membranes - a potential solution for dry eye disease?</b></p> <p>This workshop will include an introduction and background to amniotic membrane transplantation, exploring potential indications for use in an optometry setting and the literature supporting application into these settings. The session will demonstrate the application of amniotic membrane via a bespoke bandage contact lens for outpatient application and allow attendees to experience the handling of the amniotic membrane with a specialised contact lens to educate them on the application and insertion process.</p> <p><b>Learning outcomes</b></p> <ul style="list-style-type: none"> <li>Practitioners will be able to explain to patients about the use of amniotic membranes for dry eye disease</li> <li>Practitioners will recognise the indications for using amniotic membranes relative to their scope of practice.</li> </ul>	Dr Sònia Travé Huarte	2	<p><b>Practitioner types:</b> Optometrists, Contact lens opticians</p> <p><b>Domains:</b> Communication, Clinical practice, CL specialty</p>

B	<p><b>Peer review: Paediatric low vision</b></p> <p>This peer review session will consider the detection, diagnosis, management and treatment options for a range of paediatric low vision cases.</p> <p><b>Learning outcomes</b></p> <ul style="list-style-type: none"> <li>• Practitioners will be able to outline management options to patients for a range of paediatric low vision cases</li> <li>• Practitioners will be able to recognise a range of paediatric low vision conditions and identify management options.</li> </ul>	Ann Barrett and Rachel Bond	3	<p><b>Practitioner types:</b> Optometrists, Dispensing opticians</p> <p><b>Domains:</b> Communication, Clinical practice</p>
C	<p><b>How to avoid a cataractsrophe</b></p> <p>This lecture will review all the potential common patient systemic and ocular signs and symptoms that may be present which may lead to an unsuccessful postoperative outcome following cataract surgery. The lecture will focus on identifying these risks against a RAG rating to ensure the most suitable surgical skill level is recognised pre-operatively to avoid unnecessary complications. There will be a review of IOL selection in patients including those that have long and short eyes, high myopia, astigmatism and those with corneal disease.</p> <p><b>Learning outcome</b></p> <ul style="list-style-type: none"> <li>• Practitioners will be able to elicit relevant information from patients to help guide cataract management (s.2)</li> <li>• Practitioners will recognise the ocular and systemic signs and symptoms that can impact upon postoperative outcomes in cataract surgery to help guide management decisions relative to scope of practice (s.7)</li> </ul>	Dr Vijay Anand and Naomi O'Brart	1	<p><b>Practitioner types:</b> Optometrists, Specialty Optometrists</p> <p><b>Domains:</b> Communication, Clinical practice, SO specialty</p>
D	<p><b>Discussion workshop: Specialist paediatric contact lens fitting</b></p> <p>This discussion workshop will touch on the basics of paediatric hospital contact lens fitting. It will concentrate on therapeutic indications and fitting the irregular cornea with particular emphasis on scleral-style fitting using different lens types in paediatric patients. There will be some examples from specialist cases, such as corneal anaesthesia and familial dysautonomia, with plenty of opportunity for discussion and learning points about these rare cases.</p> <p><b>Learning outcome</b></p> <ul style="list-style-type: none"> <li>• Practitioners will discuss the basics of paediatric contact lens fitting.</li> </ul>	Shreeti Lakhani and Emma McVeigh	3	<p><b>Practitioner types:</b> Optometrists, Contact lens opticians</p> <p><b>Domains:</b> Clinical practice, CLO specialty</p>

E	<p><b>Lecture with discussion workshop: Understanding individual and team motivation</b></p> <p>Recruitment, retention and motivation are key professional workforce factors. Motivation is strongly linked to productivity, performance, quality, patient safety and retention. This session will discuss participants understanding of individual and team motivation and the multiple factors which influence it, underpinned by the supporting academic theories and research literature including links to wellbeing and lifelong which will also be explored. The majority of the session will be a lecture interspersed with discussion group tasks with plenary interactive feedback. The session will conclude with discussion of some validated ways to explore and quantify motivation.</p> <p><b>Learning outcomes</b></p> <ul style="list-style-type: none"> <li>• Practitioners will recognise the importance of team motivation to achieve successful collaborative working</li> <li>• Practitioners will recognise how motivation is linked to productivity, performance and patient safety.</li> </ul>	Andrew Tompkin	2	<p><b>Practitioner types:</b> Optometrists, Dispensing opticians</p> <p><b>Domains:</b> Professionalism, Leadership and Accountability</p>
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Sunday 5 November 2023				
9:00	Session 9 Parallel Sessions	Speakers	CPD Points	Practitioner types & Domains
A	<p><b>Common considerations for optometry glaucoma clinics: a case-based approach</b></p> <p>This interactive lecture presents a series of cases on the topic of glaucoma and ocular hypertension. It is designed to help delegates better understand how to investigate such patients, considering the assessments they would perform leading to appropriate diagnosis and formulation of management plans. The cases encourage delegates to consider factors that can influence the progression of disease and the need for close and effective monitoring of patients. The session will highlight key topics such as reevaluating the diagnosis and treatment for the best interests of patients, offering alternative treatments, being aware of systemic medications affecting disease progression, and treatment-induced ocular side effects.</p> <p><b>Learning outcomes</b></p> <ul style="list-style-type: none"> <li>• Give information about glaucoma and ocular hypertension treatments to patients in a way that they</li> </ul>	Dr Navneet Gupta	1	<p><b>Practitioner types:</b> Optometrists, Specialty Optometrists</p> <p><b>Domains:</b> Communication, Clinical practice, Specialty optometrists</p>

	<p>can understand, adapting communication approach when patients are anxious</p> <ul style="list-style-type: none"> <li>• Communicate glaucoma and ocular hypertension investigation and management plans effectively, ensuring that their patients have the information they need regarding the treatment they have been prescribed; this includes making patients aware of the prognosis, risks and benefits</li> </ul> <p>Delegates will better understand:</p> <ul style="list-style-type: none"> <li>• Current good practice for glaucoma and ocular hypertension investigation, diagnosis and management, taking into account relevant developments around use of Phasing, OCT, beta-blockers, preservative-free treatments, and minimally invasive glaucoma surgeries in the care that they provide</li> <li>• Clinical decision making in patients with glaucoma and ocular hypertension, ensuring treatment is clinically justified and adjusting the diagnosis and treatment plan in the best interests of the patient.</li> </ul>			
B	<p><b>Peer review: Low vision</b></p> <p>In this peer review, a range of low vision cases will be considered allowing discussion of issues arising and consideration of appropriate personalised management and support options.</p> <p><b>Learning outcomes</b></p> <ul style="list-style-type: none"> <li>• Practitioners will be able to outline management options to patients for a range of low vision cases</li> <li>• Practitioners will be able to identify management options for a range of low vision conditions.</li> </ul>	Madeleine Drake	3	<p><b>Practitioner types:</b> Optometrists, Dispensing opticians</p> <p><b>Domains:</b> Communication, Clinical practice</p>
C	<p><b>Peer review for general optometrists: Glaucoma</b></p> <p>This peer review will deliver cases that encompass the following aspects in the specialism of glaucoma:</p> <ul style="list-style-type: none"> <li>• Risk factors</li> <li>• Detection and stratification</li> <li>• Differential diagnoses</li> <li>• Surgical and non-surgical management</li> <li>• Communication skills</li> <li>• The role of the specialty optometrist in detection and management.</li> </ul> <p><b>Learning outcomes</b></p> <ul style="list-style-type: none"> <li>• Practitioners will be able to identify glaucoma risk factors through clinical history and outline the implications of glaucoma to patients</li> </ul>	Matt Roney	3	<p><b>Practitioner types:</b> Optometrists</p> <p><b>Domains:</b> Communication, Clinical practice</p>

	<ul style="list-style-type: none"> <li>Practitioners will recognise the key features of glaucoma and manage patients relative to their scope of practice</li> </ul>			
D	<p><b>Peer review for specialty optometrists (AS/SP/IP): Medical retina</b></p> <p>The detection, diagnosis, management and treatment options for a range of medical retina cases will be considered with discussion facilitated among a group of specialty optometrist peers.</p> <p><b>Learning outcome</b></p> <ul style="list-style-type: none"> <li>Practitioners will recognise the key features of a range of medical retina conditions and manage patients relative to their scope of practice.</li> </ul>	Claire Melvin, Dr Mohammed Abid and Nicola Cassels	3	<p><b>Practitioner types:</b> Specialty Optometrists</p> <p><b>Domains:</b> Clinical practice, SO specialty</p>
E	<p><b>Peer review: Contact lens and anterior eye</b></p> <p>This peer review will present a sample of cases regarding the management options available with medical contact lenses (RGP, mini-scleral, scleral, specialist soft lenses) for anterior eye conditions found in both primary and secondary care.</p> <p><b>Learning outcome</b></p> <ul style="list-style-type: none"> <li>Practitioners will recognise the indications for using medical contact lenses to manage a range of anterior eye conditions.</li> </ul>	Elizabeth Dinsdale and Katie Etherton	3	<p><b>Practitioner types:</b> Optometrists</p> <p><b>Domains:</b> Clinical practice</p>
10:05	<p><b>Session 10</b> <b>Four steps to improving scleral lens fitting efficiency</b></p>	<b>Speakers</b>	<b>CPD Points</b>	<b>Practitioner types &amp; Domains</b>
	<p>This session will discuss aspects of both corneal size and shape, as well as scleral shape, to help practitioners become more efficient at fitting scleral contact lenses.</p> <p><b>Learning outcome</b></p> <ul style="list-style-type: none"> <li>Practitioners will recognise how corneal size and scleral shape drive scleral contact lens fitting decisions</li> </ul>	Dr Jason Jedlicka	1	<p><b>Practitioner types:</b> Optometrists, Contact lens opticians</p> <p><b>Domains:</b> Clinical practice, CLO specialty</p>
10:05	<p><b>Session 10</b> <b>Parallel Session</b></p>	<b>Speakers</b>	<b>CPD Points</b>	<b>Practitioner types &amp; Domains</b>
B	<p><b>Peer review for specialty optometrists (AS/SP/IP): Red, sore eyes - don't trivialise!</b></p> <p>This peer review session presents three cases for delegates to engage in discussion on the topic of patients presenting with red and sore eyes and to better understand the role of optical professionals in helping patients with what might otherwise seem to be trivial conditions. It is designed to help delegates better</p>	Dr Navneet Gupta	3	<p><b>Practitioner types:</b> Specialty optometrists</p> <p><b>Domains:</b> Communication, Professionalism, SO specialty</p>

	<p>understand how to investigate such patients, considering the assessments they would perform to lead to appropriate diagnosis and formulation of management plans including prescribing decisions. The cases encourage delegates to consider and discuss their advice on treatment based on current good practice and applying up to date research to the care that they provide; this might include working collaboratively with colleagues within the optical professions in the best interests of patients, helping to reduce risks, severity and escalation of the condition, and knowing when it is clinically justified to sign-post or refer patients to other professionals with appropriate qualifications.</p> <p><b>Learning outcomes</b></p> <ul style="list-style-type: none"> <li>• Practitioners will be able to advise patients on evidence-based treatments for a range of anterior eye conditions</li> <li>• Practitioners will recognise evidence-based treatment options for a range of anterior eye conditions, working collaboratively with colleagues where required to deliver the best outcome for patients.</li> </ul>			
11:30	<p><b>Session 11</b> <b>Geoff Woodward medal lecture: Aspects of contact lens practice</b></p>	<b>Speakers</b>	<b>CPD Points</b>	<b>Practitioner types &amp; Domains</b>
	<p>This lecture will cover various aspects relating to contact lens wear. In particular, corneal epithelium and the development of oxygen permeability in lens materials. It will provide information about the early stages of development of keratoconus and consider circumstances where corneal cross-linking is not possible and surgery is required, including the technique of deep anterior lamellar keratoplasty. The session will also discuss the management of keratoconus in young people and the consideration that needs to be given about how the disease impacts upon their quality of life.</p> <p><b>Learning outcomes</b></p> <ul style="list-style-type: none"> <li>• Practitioners will be able to outline management options to patients with keratoconus</li> <li>• Practitioners will recognise management options for patients with keratoconus</li> <li>• Practitioners will consolidate their knowledge on contact lens materials and oxygen permeability.</li> </ul>	Lynne Speedwell	1	<p><b>Practitioner types:</b> Optometrists, Dispensing opticians, Contact lens opticians</p> <p><b>Domains:</b> Communication, Clinical practice, Specialty CLO</p>
12:30	<p><b>Session 12</b> <b>The UK National Eye Health and Hearing Study (UKNEHS) - update on the pilot phase</b></p>	<b>Speakers</b>	<b>CPD Points</b>	<b>Practitioner types &amp; Domains</b>
	<p>The UKNEHS project has been developed by a broad, cross- and multi-sector group, to gather population-level</p>	Michael Bowen	1	<p><b>Practitioner types:</b></p>

	<p>data on the prevalence and causes of sight and hearing loss for the UK. This session will provide an introduction to the project and update delegates on the progress toward the development of the pilot stage of this study.</p> <p><b><i>Learning outcome</i></b></p> <ul style="list-style-type: none"> <li>• Practitioners will update their knowledge on current work aimed at elucidating the prevalence and causes of sight and hearing loss in the UK.</li> </ul>		<p>Optometrists, Dispensing Opticians</p> <p><b><i>Domains:</i></b> Clinical Practice</p>
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