



Incorporating Myopia Management into Teaching

IACLE's 6th Virtual Conference
Saturday 21 October 2023
12.00 - 3.00 pm (BST)



IACLE
International Association
of Contact Lens Educators

The

TLC

Initiative
TEACH. LEARN. CONNECT.

Incorporating Myopia Management into Teaching

featuring...



John Lawrenson



Andrew Pucker



Renée Reeder



Patrick Simard



Rohan Hughes



Byki Huntjens



Yeshwant Saoji



Maria Liu



Etty Bitton

The International Association of Contact Lens Educators was established in 1979 and is a non-profit, non-political association. IACLE has over 900 active members in 81 countries (as of August 2023) and welcomes contact lens educators from all eye care professions and related disciplines. IACLE is dedicated to raising the standard of contact lens education and promoting the safe use of contact lenses worldwide. It is the leading provider of educational and information resources essential to contact lens educators. IACLE is supported by leading global contact lens manufacturers: Platinum Sponsor Alcon, Gold Sponsor CooperVision, Silver Sponsor Johnson & Johnson Vision, Bronze Sponsors Bausch + Lomb, Ophtecs, and Menicon, and Donor Sponsor Euclid.

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Welcome to IACLE's Virtual Conference



IACLE President
Professor Philip Morgan



Conference Chair
Dr Byki Huntjens



Conference Co-Chair
Professor Etty Bitton

Welcome to our sixth Virtual Conference! Our first meeting in this form was in the early stages of the COVID pandemic as the best way for IACLE to continue to deliver updates and information to our members. The feedback was so positive that we have kept Virtual Conferences as a key feature of the IACLE calendar.

We have an outstanding roster of speakers for the meeting, with experts from all around the globe sharing their views on myopia and myopia management. John Lawrenson is reporting what the latest literature tells us – key information given the high rate of publication in the field. Andrew Pucker will then give his thoughts on designing an appropriate curriculum in this developing area. Much of the meeting is devoted to the practicalities of teaching myopia in an institutional setting. Renée Reeder and Patrick Simard will share their thoughts on myopia-related practical sessions, Rohan Hughes will focus on the roles of students and instructors, and Yeshwant Shoji will describe how a myopia clinic can be promoted. To wrap up the meeting, and before a final panel discussion chaired by Etty Bitton, Maria Liu will share her thoughts on counselling both patients and parents.

Thanks to our sponsors for their support which allows us to host the sixth Virtual Meeting. We are sure that this will be another outstanding meeting.

Saturday 21 October

12:00 - 3:00 pm BST

Presenter	Topics	Time
President and Chair	Introduction and objectives	12:00-12:05
John Lawrenson	Literature update	12:05-12:25
Andrew Pucker	Myopia management curriculum	12:25-12:45
Renée Reeder	Implementing labs	12:45-1:00
Patrick Simard	Setting up a clinic	1:00-1:15
Rohan Hughes	Role of students and instructors	1:15-1:30
	Break	1:30-1:40
Byki Huntjens and speakers	Panel Discussion	1:40-2:05
Yeshwant Saoji	Promoting myopia clinic	2:05-2:20
Maria Liu	Counselling patients and parents	2:20-2:35
Etty Bitton and speakers	Panel Discussion	2:35-2:50
President, Chair and Co-Chair	Announcements, feedback and closing	2:50-3:00

Welcome and Introductions



IACLE President
Professor Philip Morgan

Philip Morgan is a Professor of Optometry, Head of Optometry, Deputy Head of the Division of Pharmacy and Optometry, and Director of Eurolens Research at The University of Manchester. His main research interests relate to the clinical performance of contact lenses, and he teaches on the same subject area at undergraduate and postgraduate levels. He has managed an annual international survey of contact lens prescribing trends since 1996. In addition to his role as President of IACLE, Philip is the President of the Manchester Statistical Society and a Past President of the International Society for Contact Lens Research. He is an honorary member of the UK Association of Contact Lens Manufacturers, a Fellow of the American Academy of Optometry and the British Contact Lens Association, and a member of the UK College of Optometrists. Philip was the BCLA Medallist in 2014, BCLA Pioneer's Lecturer in 2015 and the winner of the 2019 Max Schapero Award of the American Academy of Optometry. He is a past chairman and secretary of the Northern Optometric Society in Manchester and coordinator of the UK optometry electronic mail forum. He has authored over 200 papers, primarily relating to the clinical performance of contact lenses and the nature of the UK and international contact lens markets, and has spoken about his work in more than 30 countries worldwide.



Conference Chair
Dr Byki Huntjens

Byki Huntjens is a qualified optometrist from the Netherlands who obtained her MSc and PhD at the University of Manchester in the UK. Her current educational and research interests include contact lenses and dry eye, and she supervises multiple postgraduate students in these fields. She has presented at a variety of national and international conferences. Byki is a BCLA council member and Director of IACLE, holds a fellowship from the BCLA, IACLE and the Higher Education Academy, and is Chair of the British and Irish University and College Contact Lens Educators (BUCCLE).

Welcome and Introductions



Conference Co-Chair
Professor Etty Bitton

Etty Bitton completed her Optometry degree at the University of Waterloo (1988) in Canada, followed by a Master's in Physiological Optics (1994) from the Université de Montréal in the area of tear film clinical physiology and its relevance in patients exhibiting dry eye. Professor Bitton presently holds the rank of full professor and is the Director of the Externship Program at the School of Optometry at the Université de Montréal. She is a member of several national and international professional organizations. Her areas of interest are in the evaluation of the tear film, dry eye and contact lens wear. In 2012 she inaugurated and became the Director of the Dry Eye Clinic at the school, a first in an optometry school in North America. In 2015, Professor Bitton was invited by the Tear Film Ocular Society (TFOS) to participate in the TFOSDEWSII, a global initiative to redefine dry eye. She represents this organization as the ambassador for Canada. More recently (2019), Professor Bitton received a certificate on the Management of Dry Eye from the British Contact Lens Association.

Literature update

with John Lawrenson

To ensure the best possible clinical care is provided, it's crucial to stay updated on new developments and critically assess the literature in your chosen specialty. However, this task has become increasingly challenging over the last decade. The number of published articles on myopia and its management has grown exponentially, making it impossible to read all relevant materials in the field. Therefore, it's essential to develop efficient strategies for staying current. One effective approach is to formulate a specific research question, which can refine a search for the most valuable evidence. Various strategies have also been created to enhance the accuracy and thoroughness of searches. You can leverage resources that have already been rigorously evaluated during their development. Among the most dependable sources are systematic reviews, particularly those produced by the Cochrane Collaboration. To maintain the most up-to-date information, living systematic reviews are a valuable option. They regularly search for new evidence and incorporate it as it becomes available. For instance, you can find a living review on myopia control interventions in the Cochrane Library, offering an ongoing and current evaluation of the evidence in this field.



John Lawrenson

Professor John Lawrenson studied optometry at Aston University, graduating with a first class honours degree. After a pre-registration year at Moorfields Eye Hospital in London, UK, he completed a College of Optometrists-funded postgraduate scholarship at City, University of London, leading to a PhD in Visual Science. Following a postdoctoral research fellowship in neuroscience at University College London, he returned to join the academic staff at City, where he currently holds a chair in Clinical Visual Science. Professor Lawrenson's interests lie in basic and clinical medical sciences. He has edited the eye and orbit sections in the last three editions of Gray's Anatomy, probably the best-known anatomy textbook in the world. He is an advocate for evidence-based clinical practice, holds a Master's degree in Evidence-based Healthcare from the University of Oxford, and is a Co-ordinating Editor for the Cochrane Eyes and Vision review group. Professor Lawrenson's main research interests are in the field of ophthalmic public health, including global causes of visual impairment e.g. myopia, diabetic retinopathy, glaucoma and age-related macular degeneration. He has published over 130 peer-reviewed papers and authored eight book chapters.

Myopia management curriculum

with Andrew Pucker

Getting started with integrating myopia management into an optometry curriculum can be a daunting task. This session will provide insights based on Dr Pucker's program's journey in integrating myopia management into both the didactic and clinical aspects of the curriculum. Dr Pucker will share lessons learned along the way and discuss effective didactic testing techniques.



Andrew Pucker

Dr Andrew Pucker is the Senior Director of Clinical and Medical Sciences at Lexitas Pharma Services. Dr Pucker earned his OD, MS, and PhD degrees from The Ohio State University. His independent research and clinical career has focused on dry eye disease, contact lenses, and myopia development. He has authored about 50 peer-reviewed publications and around 150 editor-reviewed columns. Dr Pucker is a Fellow and Diplomate of the American Academy of Optometry, Fellow of the Scleral Lens Education Society, and Fellow of the British Contact Lens Association. He has also received several other honors, including two William C. Ezell Fellowships, the Irvin M. and Beatrice Borish Award, and the Association of Schools & Colleges of Optometry's Rising Star Award.

Implementing labs

with Renée Reeder

Experiential learning is crucial for solidifying the understanding of today's adult learners. Incorporating laboratory experiences is a vital component of this process, particularly in myopia management. This includes activities like role-playing, lens fittings, and using instruments to measure axial length and assess myopia management whenever possible. Problem-based scenarios can serve as an initial step, where students are presented with case scenarios and tasked with analyzing the relevant data. They can then engage in role-playing exercises, simulating conversations with parents to educate them on the significance of myopia management. If specialized equipment is accessible, students can learn to assess axial length and use newer technologies to predict progression profiles. To delve deeper into the intricacies of various lens modalities, the next logical step is to introduce fitting laboratories that provide opportunities to work with orthokeratology and multifocal lenses.



Renée Reeder

Professor Renée Reeder currently serves the University of Pikeville Kentucky College of Optometry as the Department Chair for Clinical Affairs and holds the rank of Professor. She graduated from the University of Alabama at Birmingham School of Optometry and completed a residency in advanced cornea and contact lens management at Indiana University. Renée taught at the Illinois College of Optometry for 21 years serving in many roles, including contact lens residency coordinator, chief of the Cornea Center for Clinical Excellence, and coordinator of the ocular disease curriculum. She continues to teach topics related to dry eye, infectious microbiology, anterior segment disease and specialty contact lenses. Renée is a Diplomate in the Cornea and Contact Lens Section of the American Academy of Optometry (AAO) and holds Fellowships of the AAO, British Contact Lens Association, Scleral Lens Education Society and IACLE. She is currently a council member of the American Optometric Association (AOA) Contact Lens and Cornea Section. In 2018, she was named the GPLI Practitioner of the Year and received the AOA Contact Lens and Cornea Section's Achievement Award.

Setting up a clinic

with Patrick Simard

This presentation will focus on the difficulties of establishing a clinic within an academic setting. Given the growing potential for myopia management, there is a significant opportunity to integrate this practice into an educational clinic. The discussion will encompass key decisions, such as patient flow within the clinic and the various diagnostic instruments employed.

Furthermore, this session will provide a comprehensive step-by-step guide on how to set up a clinic from the ground up. This guide will cover essential aspects like structuring fees, managing internal and external referrals, utilizing consent forms, and outlining the patient's journey through various appointments using a flow chart.



Patrick Simard

Dr Patrick Simard graduated from École d'Optométrie de l'Université de Montréal in 2002 where he also obtained his Master's Degree in vision's science on keratoconus research (2006). He is a Fellow of the AAO, the IACLE, and the BCLA. He also obtained a Master's Degree in Business Administration in 2010 from HEC Montreal. Dr Simard is in private practice at Clinique d'Optométrie Bélanger and is a clinical instructor and lecturer at Université de Montréal since 2002. His area of research is on myopia control, orthokeratology, aberrometry, and scleral lenses. He co-holds a patent for a contact lens design that controls the development of myopia and axial length.

Role of students and instructors

with Rohan Hughes

In this session, we will delve into the experience of the Queensland University of Technology (QUT) Myopia Control Clinic. This clinic was founded within the QUT Optometry Clinic in 2016 and marked the inception of the first university-based myopia clinic in Australia. The discussion will revolve around the responsibilities and contributions of both students and supervising optometrists in evaluating and treating patients with myopia. Rohan will also explore the best practices for enhancing student engagement and learning, as well as effectively educating and managing students and patients in dedicated myopia clinics, ultimately aiming for improved patient outcomes.



Rohan Hughes

Rohan Hughes is the lead supervising optometrist in the Myopia Control Clinic of the Queensland University of Technology (QUT) Optometry Clinic, the first university-based clinic devoted to myopia management established in Australia. He is also a postdoctoral Research Fellow at the QUT Centre for Vision and Eye Research, where he undertakes research exploring myopia mechanisms and control. Additionally, Rohan is an Associate Editor of Clinical and Experimental Optometry and continues to work in private optometric practice.

Promoting myopia clinics

with Yeshwant Saoji

Despite the pressing need for myopia management, a significant number of eye care practitioners remain hesitant. One primary reason for this hesitancy is uncertainty regarding whether investing time and money in myopia management is worthwhile. Additionally, practitioners face the challenge of raising awareness among the public about the services their practice offers and how to promote the practice to attract more patients effectively. This presentation aims to address these challenges by discussing various strategies that have successfully increased the number of patients visiting optometry practices. It will also cover methods for engaging existing patients in myopia management. These strategies, tried and tested by various practitioners, have the potential to stimulate greater interest among students in this aspect of optometry practice.



Yeshwant Saoji

Yeshwant Saoji is a Senior Optometrist specializing in contact lenses and has been in practice for 32 years. He holds a Master's degree from the School of Optometry at Bharati Vidyapeeth University in Pune. He graduated from the Elite School of Optometry, Sankara Nethralaya, Chennai (1991). He is also a Fellow of The L.V. Prasad Eye Institute, Hyderabad (1992). He is actively associated with contact lens education in India and has Lifetime Fellowship status (FIACLE) of the International Association of Contact lens Educators (IACLE) for his uninterrupted Fellowship for over 15 years. He was a Senior Visiting Faculty for contact lenses at the Bharati Vidyapeeth School of Optometry, Pune for eight years and is now actively involved in practitioner education programs. He is Senior Faculty at the Vision Care Institute of Johnson & Johnson in India and a Key Opinion Leader for Bausch + Lomb and Alcon. He was awarded the Best Optometrist of the Year in 2011 by Sankara Nethralaya, the Living Legend by the Optometry Students Association of AIIMS, and BIPOK Ambassador for working towards myopia control awareness in India. His practice areas are contact lenses in complicated corneas and specialty contact lenses, including orthokeratology and myopia control contact lenses. His clinic, Saoji Vision Care, has been voted as India's first Center Of Excellence for fitting irregular corneas by David Thomas Contact Lenses, UK. Because of his love of education, he, along with Nilesh Thite, co-founded Masterclass Optometry with the intention of making a difference in optometry education in India, and they conduct various education programs and conferences across India. At their annual virtual conference, the LVP Optometrists alumni voted him the Alumnus of the Year in 2021.

Counselling patients and parents

with Maria Liu

The presentation will address crucial aspects of patient and parent communication in myopia management, including the following:

- 1.The significance of early intervention
- 2.Establishing realistic experiences
- 3.Objectively evaluating the effectiveness of control measures
- 4.Employing a personalized and tailored communication approach



Maria Liu

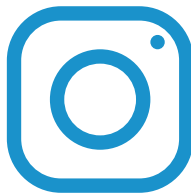
Dr Maria Liu is an Associate Professor at UC Berkeley School of Optometry and the Founder and Co-chief of the Myopia Control Clinic of UC Berkeley Eye Center. She received her bachelor's degree in clinical medicine from Peking University, OD from Pacific University, and PhD and MPH from UC Berkeley. Dr Liu is a world renowned clinical researcher in myopia, and her expertise focuses on the impact of complex multifocal environments on emmetropization and myopia development, as well as novel optical and pharmaceutical treatments in myopia retardation.

After the meeting

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