


Contact Lens Update

Protein Deposits & Contact Lenses: Good or Bad? – Prof. Lyndon Jones
Soft Multifocal Contact Lens Myopic Control – Dr Jeffrey J. Walline

The School of Optometry (SO) and The Hong Kong Cornea and Contact Lens Society (HKCCLS) would like to invite you to the upcoming CE seminar. Details of the seminar are as follows:

Date: 16 March 2018 (Friday)
Time: 8:15 am – 8:45 am Breakfast (Sponsored by )
8:45 am – 9:45 am Protein Deposits & CL: Good or Bad
9:45 am – 10:45 am Soft Multifocal CL Myopic Control
Venue: Staff Club, 5/F, Communal Building
The Hong Kong Polytechnic University
CPD: 2 CPD hours
Speaker: **Prof. Lyndon Jones** (PhD, FCAHS, FCOptom, FAAO), Canada
Dr Jeffrey J. Walline (OD, PhD), USA

Seats are limited (on first-come-first-served basis)
Register Now!

Registration

For **members**, please register by sending email to HKCCLS Secretariat: secretariat@hkaok.org

For **SO staff**, please register by sending email to Miss Ada Lam: ada.mi.lam@polyu.edu.hk

Profile of Speakers

Prof. Lyndon Jones
(PhD, FCAHS, FCOptom, FAAO)
Professor; Director
Centre for Ocular Research & Education
School of Optometry & Vision Science
University of Waterloo, Canada



Prof. Lyndon Jones is a Professor at the School of Optometry & Vision Science, University Research Chair and Director of the Centre for Ocular Research & Education (CORE) at the University of Waterloo. His research interests primarily focus on the interaction of novel and existing contact lens materials with the ocular environment, dry eye and the development of novel materials for ocular drug delivery. He has authored over 350 refereed and professional papers, one text-book and given over 900 invited lectures at conferences worldwide, in over 40 countries. He has been awarded over 30 national and international awards, including Fellowship of the Canadian Academy of Health Sciences, the 2014 “Glenn Fry Award” from the American Academy of Optometry (AAO), 2014 “Donald Korb Award” from the American Optometric Association and 2013 “Max Schapero Award” from the Cornea and Contact Lens Section of the AAO.

Dr Jeffrey J. Walline
(OD, PhD)
Associate Dean
Research and Graduate Education
College of Optometry
The Ohio State University, USA



Dr Jeffrey J. Walline is the Associate Dean for Research and Graduate Education at The Ohio State University College of Optometry. He received his Doctor of Optometry degree from the University of California, Berkeley School of Optometry, and he received his Master’s and PhD degrees from The Ohio State University College of Optometry. Dr Walline has led several pediatric contact lens studies, and he is the Study Chair of the Bifocal Lenses In Nearsighted Kids (BLINK) Study, a National Eye Institute-sponsored randomised clinical trial to investigate the myopia control effects of soft multifocal contact lenses.

Speakers' Abstract

“Protein Deposits & Contact Lenses: Good or Bad?” by Prof. Lyndon Jones

Historically, protein deposition on contact lenses has been considered to be a negative complication of lens wear, and historical data shows that protein deposits may alter lens surface properties and can influence comfort, vision, ocular physiology, bacterial attachment and induce immunological responses. However, modern lenses are typically replaced in one month or less and little data exists to suggest that protein deposition with modern lenses produce such significant clinical issues.

Proteins in the tear film undertake a variety of valuable functions, including killing bacteria and maintaining corneal health. Protein deposits accumulate on soft lenses within minutes of insertion. Complications can occur if protein in its naturally-occurring “active” state denatures, as this inactivated state can trigger an inflammatory response. It may transpire that materials which attract tear-film proteins such as lysozyme and maintain them in their native state could help prevent such a response and potentially minimise ocular irritation and discomfort. Recently, cutting-edge research on contact lens material interaction using analytical techniques to assess protein levels, and levels of inflammatory biomarkers, in vitro, has highlighted the potential value of deposition from natural tear constituents.

This seminar will review the latest information on protein deposition types and their clinical implications, depending on the quantity and quality of deposition and will challenge practitioners understanding of protein deposition with contemporary lens materials.

“Soft Multifocal Contact Lens Myopia Control” by Dr Jeffrey J. Walline

This seminar will provide evidence that young, myopic children are capable of soft contact lens wear; provide tips for fitting kids with contact lenses; and provide evidence that soft multifocal contact lenses can slow the progression of myopia. At the end of the presentation, eye care practitioners should be more comfortable fitting children with soft contact lenses, and they should be able to discuss soft multifocal contact lens myopia control with parents.