



Saturday, December 2, 2017

JCAHPO Boston

Continuing Education Program

Sunday, December 3, 2017

CLSA Boston Specialty Contact Lens

Continuing Education Program

Continuing Education for Allied Ophthalmic Personnel

Seaport Hotel & World Trade Center, 1 Seaport Lane, Boston, MA 02210

JCAHPO Continuing Education Program

- 7:30-8:00 a.m. **REGISTRATION AND CONTINENTAL BREAKFAST: HARBORVIEW FOYER**
- 8:00-8:50 a.m. **MICROBES AND THEIR MODES OF TRANSMISSION** • *Barbara Harris, PA, MBA, COT, OSC*
This course will discuss the major classifications of microorganisms that affect the ocular tissues and various modes of transmission. The course will give an overview of how to identify major classifications of microorganisms, describe modes of transmission of disease, distinguish between a sign and a symptom, and distinguish between inflammation and infection.
- 8:50-9:40 a.m. **TONOMETRY—THEORY, TECHNIQUE, AND TIPS** • *Suzanne Hansen, MEd, COMT, OSC*
Intraocular pressure is a key component for ocular examinations. The theory for noninvasive IOP measurement and types of tonometers is important for identifying best practice techniques and possible sources of errors to avoid. This course will review the theory for noninvasive intraocular pressure measurement and compare indentation and applanation methods of tonometry; illustrate cleaning, disinfection, and calibration for commonly used tonometers; and discuss sources of error, high versus low readings, and tips for best practice techniques.
- 9:40-9:55 a.m. **BREAK**
- 9:55-10:45 a.m. **AMBLYOPIA PEDIATRIC REFRACTIONS** • *William Astle, MD, FRCSC, Dipl. ABO*
This course will review the PEDIG studies, examining the effects of patching vs. atropine penalization, and the powerful effect of glasses alone on various forms of amblyopia. New treatments for amblyopia including laser refractive surgery and other refractive treatments will also be discussed.
- 10:45-11:35 a.m. **WHAT IS THE ASSOCIATION BETWEEN REFRACTIVE ERRORS AND RETINAL DISEASES?**
Michael W. Stewart, MD
High magnitude refractive errors usually correlate with the eye's axial length and both abnormally long (myopia) and short (hyperopia) axial lengths predispose to the development of pathologic retinal conditions. High myopia is associated with myopic maculopathy, tilted disc, and retinal tears and detachments. High hyperopia is associated with choroidal folds and uveal effusions. This course will discuss many of these conditions from a clinical perspective.
- 11:35 a.m.-12:40 p.m. **LUNCH: HARBORVIEW FOYER**
- 12:40-1:30 p.m. **MANAGEMENT OF GLAUCOMA DURING PREGNANCY** • *Eydie Miller-Ellis, MD*
Glaucoma management during pregnancy presents a special challenge due to the risks of therapy on the developing fetus. Treatment should be adjusted to address the concerns of each trimester and the perinatal period.
- 1:30-2:20 p.m. **CASE PRESENTATION GRAND ROUNDS: OPTICS AND DIFFICULT REFRACTIONS** • *William Ehlers, MD*
This course is a grand rounds format with case presentations of past optical problems the ophthalmic technician may encounter in daily practice.
- 2:20-2:35 p.m. **BREAK**
- 2:35-3:25 p.m. **REFRACTOMETRY** • *Craig Simms, BSc, COMT, ROUB, CDOS*
This course will cover plus cylinder retinoscopy and refractometry. The optics behind the principles of plus cylinder retinoscopy will be included, followed by graphical examples of the procedures. The course will move to the refinement part of the process, showing methods utilizing the Jackson cross cylinder. The course concludes with completing the refractometry procedure with reading add, balancing techniques, and the duochrome test.
- 3:25-4:15 p.m. **RETINOSCOPY WORKSHOP** • *Craig Simms, BSc, COMT, ROUB, CDOS*
This hands-on session will demonstrate and teach the technique of estimating the refractive error of the human eye using the streak retinoscope, loose lenses (spheres only), and schematic eyes. Instruction on recording results will be included.
- IMPORTANT NOTE:** **ATTENDEES ARE TO BRING THEIR OWN RETINOSCOPES.**
- 4:15 p.m. **ADJOURN**

CLSA Specialty Contact Lens Continuing Education Program

- 7:30-8:00 a.m. **REGISTRATION AND CONTINENTAL BREAKFAST: SEAPORT A**
- 8:00-8:15 a.m. **WELCOME**
- 8:15- 9:10 a.m. **2017 MARKET ANALYSIS: THE NEWEST SOFT TORIC, MULTIFOCAL, AND TORIC MULTIFOCAL DESIGNS** • *Jonathan Parrelli, FCLSA*
Soft contact lenses continue to evolve in both advancement in material and design. This course provides an unbiased market assessment of the latest release of soft toric and multifocal designs with relative comparison to each manufacturer's earlier portfolio offerings.
- 9:10-10:05 a.m. **MANAGING THE IRREGULAR CORNEA WITH CONTACT LENSES** • *Jonathan Parrelli, FCLSA*
The irregular cornea poses a challenge for contact lens specialists to resolve refractive error. This course will cover lens options and designs to manage the irregular cornea, how to prevent the progression of Keratoconus with contact lens management and patient education, and understanding the risks associated with mismanagement and poor-fit of contact lenses.
- 10:05-10:25 a.m. **BREAK: SEAPORT A**
- 10:25-11:20 a.m. **CASE PRESENTATION AND GRAND ROUNDS: CONTACT LENSES AND DIFFICULT FITS**
William H. Ehlers, MD
This course is a grand rounds format with case presentation of contact lens problems that may be encountered in a daily practice.
- 11:20 a.m.-12:15 p.m. **THE RISING TIDE OF MYOPIA: THE ORTHOKERATOLOGY OPTION** • *Tim Koch, FCLSA*
This course contains a review of the study surrounding the "Myopia Epidemic" and briefly discusses the current options in managing the increasing incidence of myopia. The attendee will be introduced to the methodology surrounding Orthokeratology and the theories in the mechanisms of its success in curtailing ocular axial growth, thereby minimizing and preventing the risks of disease associated with acute levels of myopia.
- 12:15-1:15 p.m. **LUNCH: SEAPORT A**
- 1:15-2:10 p.m. **CORNEAL CROSSLINKING** • *Kathryn M. Hatch, MD*
Corneal Crosslinking strengthens the cornea if it's been weakened by keratoconus and other corneal disease. Understand how to screen patients for ectatic conditions of the cornea, review a patient's candidacy for this procedure, and how to evaluate the outcomes of collagen crosslinking.
- 2:10-3:05 p.m. **SCLERAL LENSES: OPTIMIZING OXYGEN TO THE CORNEA TO AVOID HYPOXIC STRESS**
Ledonna Buckner, FCLSA
This course will cover the oxygen needs of the cornea during contact lens wear to maintain good health, particularly those specific to scleral lenses. Studies will be presented with data and results that define criteria that must be met to reduce or prevent hypoxic stress. Potential long-term and short-term consequences of insufficient oxygen delivery will be discussed. Attendees will learn how to calculate the Dk/t of a specific lens material and fitting philosophy so that they may use that information to better define a healthy fit.
- 3:05-4:00 p.m. **SPECIALTY LENS FITTING STRATEGIES** • *Andy Taddeo, FCLSA*
This course will cover Specialty Lens Fitting Strategies for the regular and irregular cornea in adults and children. It will present different lens modalities including soft lens and rigid lens options. Case histories will demonstrate specialty fits using scleral lens designs.
- 4:00 p.m. **ADJOURN**

Supported by: **BAUSCH + LOMB**
Specialty
VISION PRODUCTS

With additional support from Blanchard Contact Lenses.

Registration Form

Registration form may be duplicated. Please use one form per registrant.

JCAHPO and CLSA
Boston Continuing Education Program
December 2-3, 2017

Registration and Cancellation Deadline: November 27, 2017

I wish to register for: (All check payments must be in U.S. funds and drawn on a U.S. bank.)

SATURDAY REGISTRATION **By Nov. 17**** **After Nov. 17**

- JCAHPO Certified* \$145. \$165
- ATPO Member. \$145. \$165
- CLSA Member. \$145. \$165
- Other registrant. \$185. \$210
- Student \$125. \$125
(must be enrolled in an accredited program)

SUNDAY REGISTRATION **By Nov. 17**** **After Nov. 17**

- JCAHPO Certified* \$145. \$165
- ATPO Member. \$145. \$165
- CLSA Member. \$145. \$165
- Other registrant. \$185. \$210
- Student \$125. \$125
(must be enrolled in an accredited program)

REGISTRATION FOR BOTH DAYS **By Nov. 17**** **After Nov. 17**

- JCAHPO Certified* \$275. \$300
- ATPO Member. \$275. \$300
- CLSA Member. \$275. \$300
- Other registrant. \$300. \$325
- Student \$250. \$250
(must be enrolled in an accredited program)

MEMBERSHIP

- One year ATPO Membership \$75
- One year CLSA Membership \$155
- One year CLSA Career Starter Membership
(students or first two years of fitting contact lenses) \$80

TOTAL \$ _____

*Active Military, VA employees, and Veterans receive a JCAHPO discount.
**Must be postmarked before date.

- **REGISTER ONLINE** at <http://store.jcahpo.org/calendarschedule.aspx> (preferred)
- **MAIL form and payment to JCAHPO**, 2025 Woodlane Drive, St. Paul, MN 55125
- **FAX completed form to 651-731-0410** (credit card orders only)

IN CASE OF EMERGENCY, PLEASE NOTIFY:	
_____	_____
Name	Telephone Number

Please **PRINT** clearly using blue or black ink.

Name _____ Professional Credentials _____

JCAHPO ID#/ATPO Member#/CLSA#/Government Facility _____ Date of Birth (mm/dd/yy) _____

Home Address

City _____ State (Province) _____ Zip (Postal Code) _____ Country _____

Home Telephone _____ E-mail (required for handouts/evaluations) _____

Practice/Business

Address _____

City _____ State (Province) _____ Zip (Postal Code) _____ Country _____

Work Telephone _____ Fax _____

PAYMENT INFORMATION

Check enclosed (payable to JCAHPO; U.S. Funds) VISA MasterCard Discover American Express For CLSA: CVFF\$ Business Partner # _____

The following information is required to process credit card orders:

Credit Card Number _____ Security Code _____ Expiration Date _____ Cardholder's Zip Code _____
(3 or 4 digits on front or back of credit card)

Cardholder's Address _____

Name as it appears on credit card (please print) _____

Cardholder's Signature X _____



2025 Woodlane Drive, Suite 3
St. Paul, MN 55125-3056

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Continuing Education Program

for Allied Ophthalmic Personnel

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General Information



HANDOUTS

A link to course handouts will be e-mailed to registrants one week prior to the meeting date as they are not provided on-site. Handouts are available for two weeks.

CANCELLATIONS/REFUNDS

All cancellations and requests for refunds must be received by JCAHPO/CLSA in writing. A processing fee of \$75 is deducted from each cancelled registration to cover a portion of the costs JCAHPO and CLSA incur. ATPO and CLSA memberships are non-transferable and non-refundable.

CONTINUING EDUCATION CREDITS

IJCAHPO and CA BRN continuing education credits have been approved. NCLE continuing education credits are currently pending approval for the CLSA Sunday program. Continuing education credits earned will be posted on your account at www.jcahpo.org approximately four to six weeks after the program. Participants must complete evaluation forms to earn credit.

NOTE: Attendance is monitored for each hour of instruction. Participants absent for more than 15 minutes of any given hour will not receive credit for that hour.

ATTENDEES ARE TO BRING THEIR OWN RETINOSCOPES.

LOCATION

Seaport Hotel & World Trade Center
1 Seaport Lane
Boston, MA 02210
Phone 617-385-4000

www.seaportboston.com

RESERVATIONS

There is no room block for this program.

INFORMATION

JCAHPO: For additional information regarding registration, contact JCAHPO at 800-284-3937, e-mail registrations@jcahpo.org, or visit www.jcahpo.org.

CLSA: For additional information regarding registration, contact CLSA at 800-296-9776, e-mail clsa@clsa.info, or visit www.clsa.info



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