

**Registration and Continental Breakfast** 7:30 am

**ESSILOR KEYNOTE ADDRESS** 8:00 - 9:00 am

**State-of-the-Art Lens Surgery**

**I. Howard Fine, MD**

Credits: 1 A JCAHPO

This course will discuss the advantages of the bimanual approach to difficult and challenging lens surgeries. This technique holds promise to be every anterior segment surgeon's procedure of choice when microincision intraocular lens implants are widely available in the United States.

**Objectives:**

1. List the characteristics of difficult and challenging lens surgeries.
2. Discuss the fluidic advantages of bimanual Phacoemulsification.
3. Describe how to prepare for difficult and challenging lens surgeries.

**Cornea and Lens Surgery** 9:00 - 9:30 am

*Richard Hoffman, MD*

Credits: .5 A JCAHPO

This presentation will review current state-of-the-art methods for corneal endothelial transplantation combined with cataract surgery. A review of appropriate candidates, intraoperative technique, complication management, and changing indications for intervention will be covered.

**Objectives:**

1. Review the anatomy and physiology of endothelial disease in the cornea.
2. Identify appropriate candidates for endothelial keratoplasty.
3. Describe the technique of DSAEK combined with cataract extraction.
4. Discuss the complications and the management of the DSAEK procedure.

**Evaluation and Management of Eyelid Malignancies** 9:30 - 10:00 am

*Daniel Schaefer, MD, FACS*

Credits: .5 A JCAHPO

This presentation will include a didactic review of eyelid tumors, as well as a series of well-documented cases representing a wide range of clinical manifestations.

**Objectives:**

1. Review the clinical presentation of the most common eyelid malignancies.
2. Develop a differential diagnosis based on the history and clinical findings.
3. Identify the clinical findings that should raise one's suspicion for a malignancy.

**Break** 10:00 - 10:15 am

**Retinal Cell Rescue Strategies** 10:15 - 10:45 am

*Jill Hopkins, MD*

Credits: .5 A JCAHPO

This presentation will provide a brief overview of the pathophysiology of retinal degenerative diseases, followed by an in-depth presentation of the research and clinical strategies now being developed to rescue cell function.

**Objectives:**

1. Describe the pathophysiology of retinal degeneration.
2. Explain three broad approaches to retinal cell rescue.
3. Describe the current trends of clinical trials in this area.

**OPTOS® Imaging** 10:45 - 11:15 am

*John Kitchens, MD*

Credits: .5 A JCAHPO

This presentation will explain OPTOS® imaging, why it is ordered, and how it aids treatment of ocular conditions.

**Objectives:**

1. Explain the difference between traditional fluorescein angiography and wide-angle OPTOS® imaging.
2. Identify ocular conditions that could benefit from wide-angle imaging vs. traditional fluorescein angiography.
3. Explain how OPTOS® imaging has improved diagnosis and treatment of ocular diseases.

**Kenneth E. Woodworth, Jr. FELLOW LECTURE** 11:15 - 11:45 am

**Big News for Little Eyes! Exciting Developments in Pediatric Ophthalmology**

*Pamela Lichtenstein, COMT*

Credits: .5 A JCAHPO

This lecture will focus on two new trends: Oral non-steroidal treatment for capillary hemangiomas, and Avastin® injections for treating retinopathy of prematurity.

**Objectives:**

1. Identify the visual problems associated with retinopathy of prematurity.
2. Identify the potential visual problems for infants with retinopathy of prematurity.
3. Describe new treatments available for patients with capillary hemangiomas and retinopathy of prematurity.

**ATPO Membership Meeting and Luncheon** 11:45 - 12:45 pm  
Sponsored by Essilor of America, Inc.

**Advances in Anterior Segment Optical Coherence Tomography** 1:00 - 1:30 pm

*Mark Packer, MD, FACS*

Credits: .5 A JCAHPO

This course highlights the use of anterior segment optical coherence tomography (OCT) in both research and clinical practice.

**Objectives:**

1. Define the technological innovation of OCT.
2. Identify clinical applications of OCT.
3. Determine the utility of OCT in the anterior segment ophthalmology practice.

**The Pathology of Ocular Trauma** 1:30 - 2:00 pm

*Frank Scribbick, MD*

Credits: .5 A JCAHPO

This presentation will illustrate the pathological changes that occur in the eye after trauma. The pathophysiology of the consequences of all types of ocular trauma will be explained, and treatments available will be covered.

**Objectives:**

1. Describe the various types of ocular trauma.
2. Explain the pathological changes that result from ocular trauma.
3. List some treatments that are available after ocular trauma.

**New Concepts in Glaucoma Surgical Therapy** 2:00 - 2:30 pm

*Carla Siegfried, MD*

Credits: .5 A JCAHPO

Newer concepts to utilize the "natural" drainage pathway have emerged in recent years. To date, none have been identified to replace conventional surgery. This presentation will review these potentially "up-and-coming" devices and procedures.

**Objectives:**

1. Describe the basic principles of aqueous humor production and outflow.
2. Describe traditional glaucoma surgeries.
3. Compare newer devices and procedures in terms of efficacy and complication rates.
4. Explain the concepts behind newer devices and procedures.

**To EMR or Not to EMR: That is the Question** 2:30 - 3:00 pm

*Sue Stuhr, COT, OCS*

Credits: .5 B JCAHPO

This presentation will explore the pros and cons of converting to electronic medical records.

**Objectives:**

1. Describe the pitfalls and advantages of EMR.
2. Identify factors to determine whether it is worth the change for your practice.

**Break - Sponsored by KATPO, LATPO, MOPS** 3:00 - 3:15 pm

**Who Wants To Be A Super Tech?** 3:15 - 5:15 pm

Credits: 2 A JCAHPO

This fun and exciting game show atmosphere will feature questions from all areas of the JCAHPO certification examination content. All levels of difficulty will be covered by the questions.

**Objectives:**

1. Demonstrate knowledge in several areas of JCAHPO's examination content.
2. Identify content area(s) for which additional study time may be needed.

**ATPO Member Reception\*\*** 5:15 - 6:00 pm

Sponsored by Essilor of America, Inc.

\*\*This event is included in the Scientific Session and Grand Rounds registration. Advance tickets will be sold for this event - available only for ATPO members who are attending JCAHPO programs.