Technicians & Nurses Program

The Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO®) is pleased to sponsor the Technicians & Nurses Program, May 7-9 at the Ernest N. Morial Convention Center, New Orleans, LA. JCAHPO is the national certifying agency for allied ophthalmic personnel. Certification is available at 3 levels: assistant, technician, and technologist, along with a subspecialty certification available in surgical assisting. In pursuit of its mission, JCAHPO also provides education and services for allied health personnel in ophthalmology.

In addition to the JCAHPO-sponsored Technicians & Nurses Program, ATPO (Association of Technical Personnel in Ophthalmology) is offering COA/COT/COMT Certification Exam Review Sessions on Friday, May 6, 2016 at the Ernest N. Morial Convention Center.

Further information regarding the Technicians & Nurses Program, ATPO’s Certification Exam Review Sessions, or JCAHPO certification, is available by calling JCAHPO at (800) 284-3937 or visiting www.jcahpo.org.

Attendees do not register by session. They can choose to attend individual courses from any of the 3 sessions, each day. There are no individual tickets sold for courses, your badge allows access to the programs.

A joint registration category is available for those interested in attending both the ASOA and Technicians & Nurses programs. Crossover between the ASOA and Technicians & Nurses programs will be permitted to those registered in the joint registration category only. Those registered solely for either the ASOA or Technicians & Nurses program will not be allowed to crossover. All registrants in either category are welcome to attend the ASCRS program.

Continuing Education Credit

The Technicians & Nurses Program has been JCAHPO approved. Credits awarded appear in the Final Program. A maximum of 18 (Group A) credits are available for this program.

Additionally, ophthalmic allied health personnel can earn continuing education credits in Group B by attending physician courses/symposia/paper sessions at ASCRS that are designated for AMA PRA Category 1 Credit™. The following restrictions apply: COAs and COTs receive 1 credit for 2 hours attended; COMTs receive 1 credit for 1 hour attended.

The Technicians & Nurses Program has been submitted for approval to award CA BRN, OPS and AOC credits.

Program Sponsored by JCAHPO
Saturday, May 7

Clinical Session #1
8:00 AM–4:30 PM
Room R06-07

8:00 AM
CL-1  Detection and Imaging of Macular Holes
Room R06-R07

Denice A. Barsness, COMT, ROUB, CDOS, CRA
Course Level: Intermediate

Synopsis & Educational Value: Course will provide a comprehensive overview of the anatomy and physiology of the macula for the ophthalmic technician or imaging technician. Etiology and development of macular hole will be discussed using diagrams and illustrations. Case studies on various imaging modalities demonstrating the presence and stage of macular hole will be presented.

Objectives: Attendees will learn macular hole anatomy; be able to name the five stages of a macular hole; and be able to discuss the difference between imaging modalities best-suited for documentation of macular hole.

9:15
CL-2  Ophthalmic Equipment Repair and Maintenance
Room R06-R07
Jeffery A. Hunter, COT

Course Level: Intermediate
Faculty: Ginny Hendricks, COT

Synopsis & Educational Value: Course will demonstrate ways to save both time and money by performing simple maintenance and repairs to ophthalmic instruments.

Objectives: Attendees will learn how to diagnose instrument issues; keys to maintaining commonly used instruments; and simple repairs.

10:30
CL-3  Clinical Applications of Anterior Segment OCT
Sponsored by The Ophthalmic Photographer's Society (OPS)
Room R06-R07
Sarah Moyer, CRA, OCT-C  
Faculty: Kenneth L. Cohen, MD  
Course Level: Intermediate

**Synopsis & Educational Value:**  
Anterior segment OCT's longer wavelength of light allows deeper penetration of tissues, resulting in higher resolution of images. Course will highlight current manufacturers of AS-OCTs, and will address hardware, imaging technique, and data interpretation. Clinical applications will be discussed for the following: contact lens fitting, DSEK, cataract surgery, corneal thickness and more.

**Objectives:** Attendees will be able to list several anterior imaging modalities; and will have a greater understanding of how AS-OCT images are clinically helpful.

1:00 PM  
CL-4 Ethically Speaking  
Room R06-R07

Dianna E. Graves, BS Ed, COMT  
Course Level: Intermediate

**Synopsis & Educational Value:** The ethics of patient care are all around us - and define everything we do with patient care. While we can all quote: "First, do no harm", are we practicing it? Course will discuss ethical dilemmas that occur each day (financial, cultural, medical) and how to ensure that we are aware of its impact on our patients.

**Objectives:** Attendees will be able to identify technician ethical responsibilities; develop a game plan to ensure we practice in an ethically responsible manner; discuss how to identify suspect ethical behaviors and how to 'fix' them.

2:15  
CL-5 Triaging Ocular Emergencies: Should They Come In, or Not?  
Room R06-R07

Sherry Malone, COA  
Course Level: Basic

**Synopsis & Educational Value:** Course will introduce technicians and office staff to the art and science of telephone triage in determining ophthalmic emergencies.

**Objectives:** Attendees will learn how to differentiate between emergent and non-emergent ophthalmic conditions, and develop a basic protocol reference sheet.
3:30  
**CL-6**  
**Hot Topics in Medical Malpractice: When to Contact Your Insurance Company**  
Room R06-R07

*Hans K. Bruhn, MHS*  
*Course Level: Intermediate*

**Synopsis & Educational Value:** Using actual closed ophthalmic practice closed claims, course will discuss when a physician practice should contact their medical malpractice insurance company for assistance. Topics will include: patient complaints and refunds, disclosure to patients, communication skills of staff, competency issues, consent, board complaints, documentation and co-management.

**Objectives:** Attendees will be able to identify when a patient poses risk for a medical malpractice claim; demonstrate appropriate action when a risk is present; and how to respond to third party requests for medical records.

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**Saturday, May 7**

**Surgical Session #1**

8:00 AM–4:30 PM  
Room R08-09

**8:00 AM**  
**SU-1**  
**Femtosecond Laser Cataract Surgery Update**  
Room R08-R09

*Eric D. Donnenfeld, MD*  
*Course Level: Intermediate*

**Synopsis & Educational Value:** Course will present an overview of femtosecond technology and show how the procedure has advanced over the past 5 years.

**Objectives:** Attendees will learn the basic technology of femtosecond laser cataract surgery; understand the advantages, and potential complications of femtosecond laser cataract surgery.

**9:15**  
**SU-2**  
**Corneal Crosslinking**  
Room R08-R09

*James J. Salz, MD*
Course Level: Intermediate

**Synopsis & Educational Value:** Course will discuss the science behind corneal crosslinking. It will compare and discuss the various crosslinking techniques, outcomes and complications.

**Objectives:** Attendees will be able to describe corneal crosslinking; compare various crosslinking techniques, and identify outcomes and complications.

10:30
**SU-3**  Basic Use of Electroretinography (ERG) and Visual Evoked Potential (VEP) Testing in Ophthalmic Practice  
Room R08-R09

*April Anderson,*  
*Faculty: Joanne L. Yawn, COT*  
*Course Level: Basic*

**Synopsis & Educational Value:** Course will review the basic clinical use of Visual Electrophysiology, ERG and VEP as an objective diagnostic measure of vision function during the eye exam. It will follow clinical standards set forth by the International Society for Clinical Electrophysiology for Vision for test selection and stimulus patterns and will show how test results allow for detection and management of disorders that affect vision.

**Objectives:** Attendees will learn the components and process of the visual pathway; review history for VEP and ERG; understand clinical indications for each test; and how test results, when interpreted by physicians, can impact patient care.

1:00 PM
**SU-4**  Update on the Alphabet Soup of Corneal Surgery: PKP, DALK, DSAEK, DMEK, PTK, LASIK, PRK  
Room R08-R09

*Francis S. Mah, MD*  
*Course Level: Intermediate*

**Synopsis & Educational Value:** Course will discuss the various corneal procedures (PKP, DALK, DSAEK, DMEK, PTK, LASIK, PRK), as well as indications and pre- and postoperative management.

**Objectives:** Attendees will be able to describe the various corneal procedures; understand how preoperative evaluations help determine the best course of action; and understand postoperative management issues.
2:15
SU-5    Inlays for the Treatment of Presbyopia
Room R08-R09

Jeffrey Whitman, MD*
Course Level: Intermediate

Synopsis & Educational Value: Course will review and discuss current refractive inlays for the treatment of presbyopia, including Kamra, Raindrop, Flexivue and Refocus.

Objectives: Attendees will learn which inlays are FDA approved, or are in the approval process; understand the mechanism of action of the various presbyopia-correcting inlays; and understand the pros and cons of each inlay.

3:30
SU-6    Interpreting Topography for Cataract and Refractive Surgery
Room R08-R09

Jennifer M. Loh, MD*
Course Level: Advanced

Synopsis & Educational Value: With the increasing use of advanced technology IOLs and femtosecond laser, cataract surgery is becoming more a refractive surgery, so accurate preoperative evaluation of candidates is essential. Course will discuss the importance of topography on preoperative assessment for cataract and refractive surgery and discuss how to select appropriate patients and manage them successfully.

Objectives: Attendees will learn how to identify normal versus abnormal topography; recognize corneal pathology via topography; and understand which patients are potential candidates for advanced technology IOLs.

Saturday, May 7

ASC Session #1
8:00 AM–4:30 PM
Room R05

8:00 AM
ASC-1    Ocular Toxicity from Systemic Medications
Room R05

Komal B. Desai, MD
Course Level: Advanced

Synopsis & Educational Value: Course will discuss which questions to ask patients based on history of their medications, discuss outcomes from chronic use of certain systemic medications and identify specific medications to ask the patient if he/she is using based on chief complaint and eye findings.

Objectives: Attendees will learn findings associated with ophthalmic damage and side effects from common systemic medications.

9:15
ASC-2  Refractive Surgery: Patient and Treatment Selection
Room R05

Karl G. Stonecipher, MD*
Course Level: Intermediate

Synopsis & Educational Value: Course will discuss the state-of-the-art of refractive, refractive-cataract, and presbyopia-correcting surgery. It will feature interactive discussion regarding what can be treated and which patients are candidates for the various procedures.

Objectives: Attendees will understand patient selection for refractive, refractive cataract and presbyopia-correcting surgery, and who should not be treated, based on anatomy.

10:30
ASC-3  Safe Surgery Checklist
Room R05

Jana Jones, RN
Course Level: Basic

Synopsis & Educational Value: Course will discuss the requirements for, and the creation and implementation of safe surgery checklists, including required elements and examples tailored for ophthalmic procedures.

Objectives: Attendees will understand regulatory requirements for, and be able to name the components of a safe surgery checklist in order to create and implement a checklist that meets regulatory requirements.

1:00 PM
ASC-4  Fundamentals of Anterior Segment Reconstruction for Technicians & Nurses
Room R05
Brandon D. Ayres, MD*
Course Level: Advanced

Synopsis & Educational Value: Course will use didactic lecture and surgical videos to highlight current topics in anterior segment surgery. It will include iris repair, IOL exchange, sutured IOLs, anterior vitrectomy, use of iris and capsule support devices and complex cataract surgery.

Objectives: Attendees will learn the basics of surgical techniques to repair anterior segment issues.

2:15
ASC-5  The Unhappy Patient After Successful Surgery
Room R05

Annette C. Sims, MD
Course Level: Basic

Synopsis & Educational Value: Course will discuss reasons why a patient may be dissatisfied after eye surgery, and what the ophthalmic assistant can do to assist with the patient's understanding of the course of events.

Objectives: Attendees will learn how to identify patients with unrealistic expectations; understand eye disease processes and how they affect vision; and learn how to become better communicators by using verbiage helpful to patients with eye conditions.

3:30
ASC-6  Cataract Evaluation and Surgical Decision-Making
Room R05

Cynthia S. Chiu, MD
Course Level: Intermediate

Synopsis & Educational Value: Course will provide a comprehensive overview of the process of cataract evaluation and a step-by-step guide to preferred work-flow, key elements of examination, patient history and refractive data necessary to ensure best surgical planning. It will also discuss challenging cataract cases (poor pupillary dilation, white/brown cataract, extreme hyperopia/myopia, prior trauma) and advanced technology options for toric, multifocal and accommodating IOLs. A brief overview of FLACS and ocular biometry techniques, including intraoperative aberrometry, will be included.
**Objectives:** Attendees will be able to describe the ideal workflow and exam elements necessary for cataract evaluation; list examples of challenging cases requiring special planning; and identify differences between standard phaco and femto cataract surgery.

**Sunday, May 8**

**Clinical Session #2**

**8:00 AM–4:30 PM**

Room R06-07

8:00 AM

**CL-7  Scary Tech**
Room R06-R07

_Dianna E. Graves, BS Ed, COMT_
_Course Level: Basic_

**Synopsis & Educational Value:** The very traits that make us outstanding technical staff are also the same that can get us and our patients into trouble. Course will discuss how independent decision-making that leads to failure to seek input can turn 'star' qualities into 'loner' employee behavior, and replace teamwork, allowing the patient to suffer.

**Objectives:** Attendees will be able to identify behavior characteristics that could lead to poor patient care; and identify which behaviors can be dangerous to both the patient and ophthalmic team.

9:15

**CL-8  Beyond the NICU: ROP for Ophthalmic Technicians**
Room R06-R07

_Beth J. Colon, COT_
_Course Level: Basic_

**Synopsis & Educational Value:** Course will discuss the fundamentals of ROP, the landmark studies that have helped change the way premature infant's eyes have been treated, and describe the long-term effects that prematurity will have on the eyes.

**Objectives:** Attendees will learn a basic understanding of ROP; be able to describe several long-term effects of prematurity; and understand the treatment history of this disease.

10:30

**CL-9  The Patient Clinical Experience: Before and After Surgery**
Room R06-R07

Amy V. Jost, COMT, CCRC, OSC*
Course Level: Intermediate

Synopsis & Educational Value: Course will cover common work-up exam procedures and reasons why test results matter, what the patient must endure, and how to keep them comfortable to maximize the best possible outcomes. Course will also examine the patient experience in the O.R. and discuss postoperative care as it relates to outcomes.

Objectives: Attendees will identify the technician work-up components of 3 common surgeries (cataract, glaucoma, plastics), and correlate how accuracy of preoperative measurements relates to outcomes.

1:00 PM
CL-10 Charting in Electronic Medical Records: Do's and Don'ts
Room R06-R07

Paul M. Larson, MBA, COE*
Course Level: Intermediate

Synopsis & Educational Value: Electronic medical record (EMR) use is rapidly expanding in ophthalmology. Course will demonstrate features of high-quality chart documentation within EMR, as well as potential problem areas, and weaknesses. Useful examples will be provided.

Objectives: Attendees will be able to identify potential errors, problems and weaknesses, and learn good charting practices within EMR.

2:15
CL-11 Color Vision Testing
Room R06-R07

Craig Simms, COMT, ROUB, CDOS
Course Level: Intermediate

Synopsis & Educational Value: Course will discuss color vision and color vision defects, as well as ways to test these defects using pseudoisochromatic plates, the D-15 and 100-Hue tests. A case study of a family with color vision defects will be presented, and various testing methods shown, to determine which type of color vision defect is present.
**Objectives:** Attendees will be able to name the different types of color vision defects; discuss the uses of color vision tests; and use color vision testing methods to identify a known color vision defect.

**3:30**
**CL-12 Pupil Peril**  
Room R06-R07

*Savory Turman, COMT*  
*Course Level: Basic*

**Synopsis & Educational Value:** Course will demonstrate examination techniques for pupil evaluation. In addition, it will discuss the importance of accurate pupillary evaluation while outlining the afferent and efferent pathways. Presentation will include pupil defects and examples of pupil reactions, while demonstrating examples of potential issues that may cause abnormal responses.

**Objectives:** Attendees will learn proper pupillary evaluation techniques; how to note pupil defects or abnormalities; and be able to discuss potential issues that may be due to pupil defects.

**Sunday, May 8**

**Surgical Session #2**
**8:00 AM–4:30 PM**
Room R08-09

**8:00 AM**
**SU-7 Advanced Contact Lens Fitting: Keratoconus, Penetrating Keratoplasty, and Post-Refractive Surgery**
Room R08-R09

*Rebecca C. Metzinger, MD*  
*Course Level: Advanced*

**Synopsis & Educational Value:** Course will teach specific techniques for fitting contact lenses (mainly rigid) on difficult-to-fit corneas, including post-keratoplasty, keratoconus, and post-refractive surgical corneas.

**Objectives:** Attendees will learn how to fit keratoconus, post-graft and post-refractive surgery patients.
SU-8  Charting and Coding for Minor Surgeries and Concurrent Office Visits
Room R08-R09

Patricia Kennedy, COMT, CPC, COE*
Course Level: Intermediate

Synopsis & Educational Value: Course will provide information on the appropriate charting and coding of office visits at the same time as minor procedures (i.e., services with a 0 or 10 day global fee period). Through typical examples, it will discuss the most common minor surgeries and illustrate the proper and improper application of the use of modifier -25 needed for billable office visits. The examples will be those seen in chart audits in all areas of ophthalmology.

Objectives: Attendees will learn the definition of modifier -25; when appropriate to bill examination/minor procedure same day and understand clinician’s role in proper documentation/coding.

10:30
SU-9  Corneal Surgery in the 20th and 21st Century: Importance of the Technician's Role
Room R08-R09

Bryan E. Lusk, MD
Course Level: Intermediate

Synopsis & Educational Value: Course will review corneal surgeries, past, present and future, and will discuss how the technician fits into facilitating an excellent outcome for the patient, as well as success for the practice.

Objectives: Attendees will learn the basics of cornea anatomy, disease and surgical interventions; what comprises a relevant work-up for patients with suspected corneal disease; appropriate triage for potential corneal problems; and how to avoid common complications.

1:00 PM
SU-10  Pearls and Techniques for the Management of Challenging Cataracts
Room R08-09

Jennifer M. Loh, MD*
Faculty: Sumitra S. Khandelwal, MD, *
Faculty: Michael Savetsky, MD, *
Faculty: Karolinne Maia Rocha, MD, PhD*
Course Level: Advanced
Synopsis & Educational Value: Course will cover the preoperative evaluation, preoperative therapeutic management, surgical technique and postoperative management for advanced and challenging cataracts.

Objectives: Attendees will recognize complex cataracts; know which preoperative tests/therapeutics are necessary for complex cataract surgery; understand new technology and postoperative care required in complex cataract surgery.

2:15
SU-11 Evaluation and Treatment of Eyelid Malignancies
Room R08-R09

Richard C. Allen, MD, PhD
Course Level: Basic

Synopsis & Educational Value: Course will review the common eyelid malignancies, including their presentation, clinical characteristics, and treatment. In addition, reconstructive strategies after resection of the eyelid malignancies will be reviewed.

Objectives: Attendees will be able to describe the clinical presentation of eyelid malignancies and how they differ from benign lesions; differentiate between various carcinomas and melanoma; and formulate plans for reconstruction following resection of eyelid malignancies.

3:30
SU-12 Sophisticated Clinic Management of Glaucoma
Room R08-R09

Howard Barnebey, MD*
Course Level: Advanced

Synopsis & Educational Value: Course will review the Preferred Practice Guidelines for the management of glaucoma patients with a focus on integrating imaging and visual field data into a clinical data set. A comprehensive rationale for a glaucoma matrix will augment the presentation.

Objectives: Attendees will be able to discuss factors that determine 'control' in the glaucoma patient; review imaging, perimetry - why, when, how often; and discuss therapeutic options for short and long-term management, and the technician's role.

Sunday, May 8

ASC Session #2
8:00 AM–4:30 PM
Room R05

8:00 AM  
ASC-7  Facial Injectables: An Ophthalmologist's Perspective  
Room R05

Steve G. Yoelin, MD*
Course Level: Intermediate

Synopsis & Educational Value: Course will discuss the various ways in which to use neurotoxins and dermal fillers in order to attain the best and most appreciative results possible.

Objectives: Attendees will learn how neurotoxins work; understand the various types of dermal fillers; how to avoid complications and attain 'natural' results.

9:15  
ASC-8  Sterile Processing: Best Practices  
Room R05

Regina Boore, RN, BSN, MS, CASC*
Course Level: Intermediate

Synopsis & Educational Value: Course will review the best practices for instrument processing in an ambulatory surgery center, and how they relate to your infection control program.

Objectives: Attendee will be able to identify 3 essentials for proper sterile processing; identify nationally recognized guidelines for sterile processing techniques; and describe how your sterile processing practices relate to your infection control program.

10:30  
ASC-9  Minimally Invasive Glaucoma Surgery: Highlighting ECP and Trabectome  
Room R05

Rahul T. Pandit, MD
Course Level: Advanced

Synopsis & Educational Value: Course will discuss the various MIGS surgeries currently available, with emphasis on endocyclophotocoagulation (ECP), and trabectome, the presenter's choices for treating intraocular pressure at the time of cataract surgery. New and emerging technologies will also be discussed.
Objectives: Attendees will learn the various options for minimally invasive glaucoma surgery; understand ECP and trabectome, their advantages/disadvantages; and understand which patients are candidates for MIGS.

1:00 PM
ASC–10 New Surgical Horizons in Corneal and IOL Surgery
Room R05

Kashif Baig, MD, FRCSC*
Course Level: Masters

Synopsis & Educational Value: Video-based course will present new surgical options for cornea and IOL surgery and will discuss the current solutions for cornea and lens issues. Interactive audience discussion is encouraged.

Objectives: Attendees will learn new solutions in corneal surgery, and the reasons for IOL choices.

2:15
ASC-11 The Verion System for Cataract Surgery: An Integrated Team Approach
Room R05

Adam D. Goddard, DO
Course Level: Advanced

Synopsis & Educational Value: Course will discuss the components and use of the Verion system, including preoperative measurements, surgery planning software, LenSx, digital marking, and Verifye Plus. The integration and communication between the technician, surgeon and surgical staff will be stressed to ensure maximal outcomes for cataract surgery.

Objectives: Attendees will be able to list the individual components of the Verion system, understand the indications for each and describe the benefits of individualized surgery planning for best outcomes.

3:30
ASC-12 Proper Technique for Instillation of Eye Drops and Ointments: Avoiding the Consequences
Room R05

Karen Bachman, COMT, CCRC, COE*
Course Level: Basic
**Synopsis & Educational Value:** Course will review proper hygiene practices and techniques for instillation of eye drops and ointments. Case studies will be used to review the steps from proper handwashing to handling and instillation and will discuss the consequences that can result from non-compliance.

**Objectives:** Attendees will learn how to use proper technique when administering eye medications; understand proper handwashing techniques and ocular hygiene and the consequences of non-compliance.

**Monday, May 9**

**Clinical Session #3**  
8:00 AM–4:30 PM  
Room R06-07

8:00 AM  
**CL-13** Refractions: What Do Those Numbers Really Mean?  
Room R06-R07

*Patricia Kennedy, COMT, CPC, COE*

Course Level: Intermediate

**Synopsis & Educational Value:** Course will provide an overview of refractometry, a task most technicians perform multiple times a day in clinic. Understanding what the numbers mean in the final script can make the difference in whether or not the endpoint is accurate.

**Objectives:** Attendees will be able to describe what the individual refraction components are, in detail, and recognize how the refraction and keratometry can be related, when it isn't.

9:15  
**CL-14** ICD-10 Implementation Tips and Pearls for Technicians  
Room R06-R07

*Paul M. Larson, MBA, COE*

Course Level: Intermediate

**Synopsis & Educational Value:** Course will identify common problems with ICD-10-CM coding. Examples will be given. Suggested methods for improving chart notes to facilitate selection of a proper ICD-10 code will be provided.
Objectives: Attendees will be able to identify common ICD-10-CM coding errors and correct them; understand the most common rules and conventions in ICD-10-CM; and make suggestions for improving the charting of the assessment, impression, or diagnosis.

10:30
CL-15 Ultra-Wide Field Photography and OCT Imaging
Room R06-R07

Jarrod M. Wehmeier, BS
Course Level: Intermediate

Synopsis & Educational Value: Course will demonstrate wide-angle photography and angiography as it pertains to the Heidelberg Spectralis, using the ultra-widefield lens. The use of infrared photography and its importance in diagnosing retinal and schisis detachments, as well as OCT imaging, will be discussed. Ultra-widefield angiography and important techniques will be discussed in conjunction with diabetic retinopathy, ischemia and melanomas. Attendees will also be introduced to equipment necessary to perform ultra-widefield angiography and infrared photography.

Objectives: Attendees will be able to list the necessary equipment and techniques for widefield angiography; identify multiple diagnoses through OCT imaging; and state the indications for use of ultra-widefield photography with certain diseases.

1:00 PM
CL-16 You Want Me To Do What, Now? The Ins and Outs of Specialty Testing
Room R06-R07

Savory Turman, COMT
Course Level: Intermediate

Synopsis & Educational Value: Course will discuss adjunctive testing in the clinical setting; diagnoses requiring specialty testing (i.e. Goldman visual fields, color tests, OCT, keratometry, exophthalmometry, photography); and will provide an explanation of how testing is done as well as how to communicate instructions to patients.

Objectives: Attendees will be able to identify multiple categories of special testing; explain testing to patients; understand specialty testing and its indications; be able to assist the physician in facilitating adjunctive testing.

2:15
CL-17 Technician’s Role in Internal Chart Audits
Room R06-R07
Kirk Mack, COMT, CPC, COE, CPMA*
Course Level: Intermediate

Synopsis & Educational Value: Course will provide information on how to plan for an internal review of your medical records and the associated claims for reimbursement, to assure compliance with applicable instruction and regulations.

Objectives: Attendees will be able to select a suitable sample for chart review in a compliance audit; identify required reference pieces for a chart review; describe common errors/omissions frequently identified, and know chart documentation requirements.

3:30
CL-18 From St. Louis to St. Louis du Nord: Ophthalmic Assisting in Haiti
Room R06-R07

Christine M. McDonald, COE, COA, ROUB, OSC
Course Level: Intermediate

Synopsis & Educational Value: Course features case studies while volunteering in ophthalmology clinics in Haiti. It discusses adventures involving language barriers, lack of supplies and equipment, and how helping to create small miracles in the ophthalmology clinic yielded surprising reward.

Objectives: Attendees will learn how to overcome logistical obstacles while treating patients in developing countries, and how what we do on a daily basis is often more important than we realize.

Monday, May 9

Surgical Session #3
8:00 AM–4:30 PM
Room R08-09

8:00 AM
SU-13 Patient Counseling for Refractive Surgery
Room R08-R09

Mary Lou Parisi, COE*
Course Level: Intermediate
**Synopsis & Educational Value:** Course will present problematic situations related to refractive cataract surgery from a practice administrative perspective. Solutions to these practical problems will be discussed.

**Objectives:** Attendees will be able to describe problems that can arise with refractive surgery; and learn how to establish processes to avoid or minimize problems.

**9:15**  
**SU-14  Advanced Biometry and IOL Calculations**  
Room R08-R09

*Karen Bachman, COMT, CCRC, COE*  
*Course Level: Advanced*

**Synopsis & Educational Value:** Course will review biometry and keratometry methods and techniques, review current IOL calculation formulas, and determine best practices when calculating IOLs for long, short, or post-refractive eyes to yield best patient outcomes.

**Objectives:** Attendees will recognize best patterns in biometry, understand keratometry and the role of K's in IOL calculations, current formulas/indications to use each, and how to handle the challenges of post-refractive eyes and difficult anatomy.

**10:30**  
**SU-15  Updates in Corneal Transplantation**  
Room R08-R09

*Marjan Farid, MD*  
*Course Level: Advanced*

**Synopsis & Educational Value:** Course will discuss developments in corneal transplantation for various corneal disorders, including understanding the role of femtosecond laser technology, endothelial keratoplasty (DSAEK & DMEK), and techniques for the treatment of keratoconus.

**Objectives:** Attendees will understand developments in corneal transplantation for various corneal disorders.

**1:00 PM**  
**SU-16  Presbyopia: Finding the "Holy Grail"**  
Room R08-R09

*John T. LiVecchi, MD, FACS*  
*Course Level: Intermediate*
Synopsis & Educational Value: Course will discuss the various theories of accommodation, and describe the current surgical modalities available to correct presbyopia.

Objectives: Attendees will understand presbyopia; accommodation mechanisms; and both the surgical and non-surgical applications available to correct presbyopia.

2:15
SU-17 Pharmacotherapy for Retinal Vascular Diseases: Where Are We, and Where Are We Headed?
Room R08-R09

Michael W. Stewart, MD*
Course Level: Advanced

Synopsis & Educational Value: The treatment of retinal vascular disease has changed dramatically over the past decade. Course will describe the current state-of-the-art and the drugs that are likely to be introduced during the next 10 years.

Objectives: Attendees will understand the current VEGF drugs and their uses; be familiar with sustained release devices; be aware of drugs in development; and understand the advantages of combination therapy.

3:30
SU-18 Use of Electroretinography (ERG) and Visual Evoked Potential (VEP) Testing in Ophthalmic Practice
Room R08-R09

April Anderson, *
Faculty: Joanne L. Yawn, COT, *
Faculty: William E. Sponsel, MD*
Course Level: Intermediate

Synopsis & Educational Value: Course will discuss, in-depth, standardized flash and pattern VEP and ERG modalities. Test methods and protocols, patient and stimuli set-up will be reviewed to 'evoke' a measurable response from the patient's visual pathway, with consideration to their pathology. Quality test results, including wave forms and data will be reviewed for medical decision making.

Objectives: Attendees will learn the differences in electrophysiology testing modalities; learn the components and process of the visual pathways; and know how to produce quality test results for physicians.
Monday, May 9

ASC Session #3
8:00 AM–4:30 PM
Room R05

8:00 AM
ASC-13 TASS: Toxic Anterior Segment Syndrome
Room R05

Rebecca C. Metzinger, MD
Course Level: Intermediate

Synopsis & Educational Value: Course will describe toxic anterior segment syndrome, its cause, symptoms, and treatment, and how this syndrome can be avoided. Proper cleaning and disinfection of ophthalmic surgical instruments will also be discussed.

Objectives: Attendees will be able to define TASS, and recognize the relationship between TASS in learning proper cleaning and disinfection of ophthalmic surgical instruments.

9:15
ASC-14 The iStent for Management of Glaucoma: Surgical Indications and Techniques
Room R05

David H. Park, MD
Course Level: Intermediate

Synopsis & Educational Value: Course will discuss the indications for surgical management of glaucoma with the iStent in combination with cataract surgery. Surgical techniques and video examples will be shown.

Objectives: Attendees will learn the indications for use of the iStent, and be able to describe efficacy, mechanism and rationale of the iStent.

10:30
ASC-15 Medicare Regulatory Update for the Ophthalmic ASC
Room R05

Elethia Dean, RN, PhD*
Course Level: Intermediate
Synopsis & Educational Value: Course will cover recent changes to Medicare Conditions for Coverage that governs the ophthalmic ASC. It will review updates to the Infection Control Surveyor Worksheet, as well as other regulatory changes used during current Medicare surveys.

Objectives: Attendees will be able to list one change or update to the Medicare Conditions for Coverage, and one change to the Infection Control Surveyor Worksheet.

1:00 PM
ASC-16 Surgical Assisting in the ASC
Room R05

Diana Hatsis, BSN, RN, COT
Course Level: Intermediate

Synopsis & Educational Value: Course will present information on universal precautions, aseptic technique, and gowning/gloving requirements. It will include information on techniques in surgical assisting, care and handling of microsurgical instruments, and sterilization procedures. Patient preparation, informed consent, and postoperative instructions will also be addressed.

Objectives: Attendees will learn underlying universal precautions; how to compare aseptic versus clean technique and 3 methods of sterilization, and identify surgical patient care principles.

2:15
ASC-17 Lean Six Sigma in the Ophthalmic Clinic, Surgical ASC, and for Technician Scribes
Room R05

Tracy J. Kenniff, MBA, OCS*
Course Level: Advanced

Synopsis & Educational Value: Course will discuss the current organizational state of the ophthalmic practice across the entire team of providers, and how to create lean processes within each department to develop a high-performance team. It will also share secrets to success for scribes faced with charting challenges and how to conquer these obstacles.

Objectives: Attendees will learn how to apply the lean six sigma concept to the ophthalmic practice; understand the tools/methods required for change; integrate resources/contacts for future learning and establish a roadmap for practice and personal growth.

3:30
ASC-18  Infection Control in Ophthalmology
Room R05

Elethia Dean, RN, PhD*
Course Level: Intermediate

Synopsis & Educational Value: Course will review infection control processes for the ophthalmic nurse and technician. Standard precautions, universal precautions, as well as cleaning and disinfection in the ophthalmic setting will be covered. Review of TASS and endophthalmitis will also be included.

Objectives: Attendees will be able to define universal and standard precautions; describe instrument cleaning, disinfection and sterilization processes; and compare/contrast TASS and endophthalmitis.