

ASO Conference Education

All courses are found in the Course Catalog at www.aso2020annual.psav.live

You will need to use the unique username and login sent to you to access the site.

Courses are separated into three course groups. If you registered for the full registration, all courses are open to you. If you registered only for one of the three course groups, you will only be able to access the course group for which you registered.

Tested courses are noted in the course catalog.

Exams for tested courses may be taken on your own time schedule – anytime day or night – from November 13th through Midnight November 22nd. Once the conference site closes on the 22nd, you will not be able to access course exams.

Handouts are included in the course catalog where provided in the link called “document”.

Handouts may be printed or saved to your computer.

Recorded lectures are not available for downloading or printing.

There are two live events occurring as follows:

Monday, November 16, 2020

**Annual Business Meeting
10:30am Pacific Standard Time**

**Closing Night Event
4:30pm Pacific Standard Time**

Check the menu on the website for links to these two events.

ASO Conference Education

Course Group 1

36 possible

NEBO CEC

Course #633: Grand Rounds of Oculoplastic Surgery

30 minutes

Thomas E. Johnson, MD

5 ASO / 2 NEBO CEC

Course #658: How Ocular Genetics Are Changing Our World

60 minutes

Alex V. Levin, MD, MHSC

10 ASO / 4 NEBO CEC

Ophthalmology has been a leader in the field of genetics resulting in an information explosion affecting everything from the names of disorders to the understanding of pathophysiology of disease. This ultimately will lead to an explosion of gene-based therapies, support for patients, and ethical challenges as well. We will discuss the evolution of ocular genetics as well as these challenges all of which has resulted in this new subspecialty of ophthalmology, which affects every other subspecialty within ophthalmology. This talk will also reveal some of the upcoming targets for improved testing and treatment.

Course #903: An Ocularist's View and Moral Statement on

60 minutes

Professional Ethics Including Abuse Reporting

15 ASO

Jean G. Thompson-Bourne, BCO, BADO, FASO

4 NEBO CEC

Tested Credits +4 NEBO CEC

Ocularists will look at what is Professional Ethics and the precepts, and how it applies to the profession. This will include an Ethics/Moral statement of conduct for our profession attesting to one's actions and what effect these actions have on us as practitioners. As a health professional we must learn to recognize abuse and to whom such abuse should be reported, as well as what is required of us. This presentation will provide information from the Ocularist's perspective, as the presenter, just like you, is learning everyday how to be a better Ocularist.

Course #747: Infectious Disease Awareness & Prevention
In the Wake of COVID-19

60 minutes

Craig Nakamura, MD

10 ASO / 4 NEBO CEC

This course will discuss the impact of COVID19 on a medical practice. As a Pediatric Pulmonologist, both inpatient and outpatient care is covered. This includes the psychological impact on healthcare providers. Given the importance of listening to breath sounds and performing bronchoscopies, there has certainly been increased risk of exposure. We will review the impact of COVID19 upon routine life, my clinic, and medical care in the hospitals. We will also review recommendations from the Center for Disease Control as well as infection control measures implemented in our clinic. I hope that this may help you in your practices.

Course #914: Office and Lab Design and Layout

60 minutes

Jeffrey Davis, BCO, BADO

10 ASO / 4 NEBO CEC

The task of moving, building, or redesigning your office and lab can be both exciting yet overwhelming. Whether it is financing and design, permits and construction, accessibility versus workflow, functionality versus efficiency, or maintenance versus comfort; any and all of these factors can make the ocularist's decision making process daunting. This presentation will provide important information about what it entails to undertake moving to a new space or revamping your current office. Participants will gain strategies, ideas, tips and tricks to help them design, build, or remodel their office space.

Course #603: Tear Film and Its Relationship to the Prosthetic Wearer

15 ASO

60 minutes

Kendahl Quimby, BCO, BADO

4 NEBO CEC

Tested Credits +4 NEBO CEC

The lacrimal system, its production and quality of tears, and the subsequent life cycle of the tears all affect the ocular prosthetic wearer and may produce symptoms associated with dryness. This course will explore these symptoms and how an imbalance in any of the tear layers can affect the distribution of tears over the globe or prosthetic surface. We will also examine different polishing methods and materials and how they affect the flow of tears over the acrylic prosthetic surface, in addition to discussing the use of tear supplements to aid in alleviation of dryness for the prosthetic wearer.

Course #830: Student Lecture Workshop

90 minutes

Moderator: Edwin Bullard, BCO, BADO

2 NEBO CEC

1. **Bridget Kinneer, BCO, College of Ocularistry**
Ways to Relate to Your Patient
2. **Ariana Bruno, BCO, ASO Apprentice**
HIPAA: Uses and Disclosures of Protected Health Information
3. **Elisabelle St-Hilaire, College of Ocularistry**
Impressions Using a 3D Scanner
4. **Chelsea Webb, College of Ocularistry**
Gunderson Flap: Discussions and Options
5. **Heather Meszaros, College of Ocularistry**
The Artificial Iris Implant
6. **Kelly May, College of Ocularistry**
Painting Shells – Eliminating the Obstacles
7. **Mark Thaxter, College of Ocularistry**
Congenital and Developmental Anomalies Affecting the Eye and the Orbit
8. **David Danz, ASO Apprentice**
An EHR for the Ocularist
9. **Armon Akhlaghi, College of Ocularistry**
Indirect Ocularistry
10. **Rachel Dudash, ASO Apprentice**
Device History Records – The Administrative Side of Ocularistry
11. **Bradley Rekstad, College of Ocularistry**
Project Eye
12. **Trevor Greer, College of Ocularistry**
Review of Muscles and Nerves of the Eye

13. Devon Bullard, College of Ocularistry
Life in the Light

14. Trenton Hadlock, College of Ocularistry
How to Deal with an Upper Lid Ptosis

Course #913: Personnel Considerations for the Ocularist Practice

60 minutes

Gail McMullin

10 ASO / 4 NEBO CEC

Personnel Considerations (Course 913) will encompass a high-level overview of an employer's responsibilities during the lifecycle of an employee. Presentation will provide general information on candidate sourcing, interviewing, hiring, Federal and State employment regulations, proper employee record maintenance, annual review objectives, employee relations issues, performance improvement plans, and handling difficult terminations. Employee handbook and dress code suggestions, benefits and employee vacation and other leave(s) best practices will be discussed. Further, we will touch on potential challenges related to company acquisitions.

ASO Conference Education

Course Group 2

38 possible NEBO CEC

Course #716: Introduction to MAC and History of MAC Treatments

120 minutes

Michael Webb, BCO, BADO, FASO &

8 NEBO CEC

Randy Trawnik, BCO, BADO FASO

Tested Credits +4 NEBO CEC

A child born with congenital anophthalmos or microphthalmos provides the Ocularist their greatest challenge. The concept of conservative prosthetic "expansion therapy" combined with later stage surgical intervention is the best management choice. The goal of the therapies used is to stimulate soft tissue and bony development. The success or failure of these treatments will affect not only the child's physical appearance, but also his or her psychological and social development. Specific approaches along with long-term patient follow-up will be discussed.

Course #600: Applied Orbital Anatomy for the Ocularist

15 ASO

60 minutes

James G. Willis, BCO, BADO, FASO

4 NEBO CEC

Tested Credits +4 NEBO CEC

This course is intended for ocularists at all levels of experience. This course will provide a review of the anatomy of the eyelids, lacrimal system, globe, orbit and skull. The purpose of the course is to use this knowledge of ophthalmic anatomy to illustrate and explain an assortment of anomalies of the eyelids, lacrimal system, globe, orbit and skull that the ocularist might typically encounter in the course of their practice. A handout will provide all necessary study and reference materials for the exam. This is a tested course.

Course #701: The Evolution of Acrylics and its Use in Ocularistry:

A History

60 minutes

Michael Hughes, BCO, BADO, FASO

15 ASO

4 NEBO CEC

Tested Credits +4 NEBO CEC

Polymers of many kinds have changed life as we know it. It is difficult to conceive what the surroundings we take for granted would look like without polymers. Ocularistry depends on acrylic polymers today for castings and, more importantly, for the ability to revise and best-fit ocular prostheses. This presentation will briefly explore the history of the evolution of acrylics and its use in ocularistry.

Course #940: Eye Prostheses Made from Glass

60 minutes

Ruth Mueller-Welt, Diplomate

10 ASO / 4 NEBO CEC

This course is a live presentation about the fabrication of an eye prostheses how it is still made in Germany for patients with Anophthalmus today. It shows the art of making an iris color in glass as well as the forming of shapes for eye prostheses that are used for patients. Materials that are made by the ocularists will be presented - tools and gadgets will be explained.

Course #790: John J. Kelley, Sr. Mini-Max Lectures

90 minutes

Moderator: David LeGrand, BCO, BADO, FASO

Presenters:

10 ASO / 6 NEBO CEC

1. *Emily Anderson, BCO, BADO*
Don't Let the Blues Get You Down

Touching on the pro's and con's of modern societies over exposure to blue light and the potential increase of health risks associated. What is blue light? Why does this matter?

What can we do to protect ourselves?

2. *Joseph LeGrand, BCO, BADO, FASO*
An Amazing Index of Articles

In this short talk I will discuss the evolution of the journal which has been published for 48 years by the American Society of Ocularists and the resulting collection of articles which are indexed in the current edition. Additionally, I plan to talk briefly about the process of submitting articles for publication.

3. *Michael Barrett, BCO, BADO*
Polymax 120c – Quiet Running

The Class will give a short description of how to set up a quiet running laboratory with the polyMax 120C and a compressed air tank without an air compressor.

4. *William R. “Randy” Trawnik, BCO, BADO, FASO & James H. Merritt, MD*

The use of Botox for Eyelid Brow Rise

Many of the Ocularists' patients present with an elevated brow. This causes a number of problems for fitting and aesthetics. Dr. Merritt will discuss with use of Botox for the anophthalmic patient. Dr. James Merritt and Randy Trawnik, BCO have worked together as a team for nearly 40 years. They will discuss use of Botox for the anophthalmic patient.

5. *Margery Schreiber, BCO, BADO*
**24-Hour Acrylic Processing for Patients with
Confirmed Diagnosis of GPC**

Giant Papillary Conjunctivitis is an incredibly irritating and annoying condition which affects many patients with both ocular prostheses and contact lenses. It is often referred to as Ocular Prosthetic – Giant Papillary Conjunctivitis abbreviated as OP-GPC, or contact lens papillary conjunctivitis or CLPC which is more common and typically diagnosed in both eyes. The symptoms, causes, and treatments are reviewed and an alternative treatment for the ocular prosthesis is presented. The patient's experiences in coping with this condition are reviewed as well.

6. *Michael Hughes, BCO, BADO, FASO*
**Check Your Weapons at the Door: Fabricating
Prosthetic Eyes
In El Salvador, Central America**

Brief presentation to introduce this small but increasingly newsworthy country in Central America and the circumstances prosthetic eyes are fashioned. Through the Twenty-five-year leadership of Eye Care International, a small army of volunteers has provided quality eye care several times a year to the underserved in this beautiful, exotic and sometimes dangerous country.

ASD Conference Education

Course Group 3

34 possible NEBO CEC

Course #664: Can This Small Eye See?

30 minutes

Alex V. Levin, MD, MHSC

5 ASO / 2 NEBO CEC

This talk will allow the attendee a glimpse into how we as clinicians assess the visual prognosis of a small eye especially during infancy when a prosthesis is being considered. Using case examples, we will explore the likelihood of success with visual interventions such as surgery on the affected eye or patching of the unaffected eye.

Course #643: History of Enucleation and Evisceration

60 minutes

J. Rodriguez, MD

15 ASO

4 NEBO CEC

Tested Credits +4 NEBO CEC

Although both

The evolution of both enucleation and evisceration will be discussed.

are parallel to each other, they will be described separately for ease of discussion. The history of both is linked to the evolution of the orbital implant, therefore although not the main topic of this conference, salient points of orbital implant development will be discussed.

Course #748: Understanding Color Theory – The Basics

60 minutes

Christina King, BCO, BADO

15 ASO

4 NEBO CEC

Tested Credits +4 NEBO CEC

This course will demonstrate painting techniques utilizing a dry pigment palette and their application will be demonstrated. Concepts of color use and application, reflection, refraction, transparencies and translucency will also be discussed. There will also be a short parallel discussion on how color theory can be applied and used in the modern world in other industries with any medium.

Course #748W: Color Theory Workshop

60 minutes

Christina King, BCO, BADO

10 ASO / 4 NEBO CEC

Participants in this workshop will be drawing and coloring half of two iris's using multimedia technologies. They can include, but are not limited to, colored pencils, tablets, photoshop, actual practice using two iris's one in

cool and one in a warm based color, to complete this assignment. The goal will be to mimic the “dilating pupil” effect and review basics on how to color an iris and what colors to use to achieve the desired effect. Participants will return their artwork via email in jpeg or PDF format. Hopefully this serves as inspiration for ocularists to get out and make more artwork! We can only progress our thinking by working out our “artistic minds”. This is something that can be reflected not only on canvas, but sculptures, metal work, makeup, FX, tattoo work, etc.

Course #751W: Painting Materials Workshop

60 minutes

Moderator: Michelle Bullard, BCO, BADO 10 ASO / 4 NEBO CEC



Pencils

Marie-France Clermont, BCO, BADO, FASO



Painting with Pigments

Bridget Kinneer, BCO



Painting Materials - Oils

William Ortiz, BCO, BADO



Overpainting a Digital Iris Corneal Piece (DICP)

Francois Durette, BCO, BADO

Course #656: Embryology of the Human Eye

60 minutes

James G. Willis, BCO, BADO, FASO

15 ASO

4 NEBO CEC

Tested Credits +4 NEBO CEC

This course is intended for ocularists at all levels of experience. This course will provide a basic overview of normal embryonic and fetal development. It will also provide an overview of various congenital anomalies of the eyelids, globe, iris, orbit, face and skull. The purpose of the course is to use this knowledge of embryonic and fetal anatomy to illustrate and explain an assortment of anomalies that the ocularist might encounter in the course of their practice. A handout will provide all necessary study and reference materials for the exam.

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