

2016 Annual Meeting Abstracts

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Following are the abstracts submitted by all of the speakers.

Allen, Richard -- "Ocular side effects of targeted therapies for cancer"

- *Purpose:* Targeted therapies have revolutionized cancer care. Agents are broadly categorized into monoclonal antibodies or small molecules. Due to the diversity of tissue types in the eye and ocular adnexa, and the fact that 90% of genes are expressed in the eye at some time during development and maintenance, many targeted cancer therapies have ocular side effects. The purpose of this presentation is to review the ocular side effects of targeted therapies used in cancer treatment.
 - *Educational objectives:* As targeted therapies for cancer become more and more common, the ophthalmologist needs to know the potential ocular side effects of these agents.
 - *Schedule:* Anytime
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Beardsley, Tom -- "A lot has been going on while you were sleeping"

- *Purpose:* Your mother told you how important it is to get enough sleep. However, recent studies have awakened interest in sleep disorders and their effect on acute and chronic ocular disease. Don't get caught napping as we somnambulate through a review of ocular nightmares associated with shut-eye.
 - *Educational objectives:* This talk will review the occurrence and pathophysiology of several acute and chronic ocular diseases associated with sleep disorders.
 - *Schedule:* Anytime
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Bell, Nicholas -- "Na-noooooooooo!-phthalmos"

- *Purpose:* Case report of the complicated management of a patient with nanophthalmos who presented with an attack of angle closure.
 - *Educational objectives:* Increased awareness of various issues which may be encountered by the clinician attempting to manage a patient with nanophthalmos.
 - *Schedule:* NOT Friday and Saturday
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Berry, Jesse -- "Detection and Intraretinal Localization of an -Invisible- Retinoblastoma Using Optical Coherence Tomography"

- *Purpose:* A 7-week-old male was diagnosed with unilateral Group E retinoblastoma in the right eye. An enucleation was completed successfully with histopathologic confirmation of diagnosis. The normal left eye was monitored for the development of retinoblastoma and 10 weeks after diagnosis three new small retinoblastoma tumors were noted in the posterior pole. The smallest of the three tumors was identified by HHSD OCT, was adjacent to the optic nerve head, and involved the outer nuclear layer (ONL), outer plexiform layer (OPL), and inner nuclear layer (INL), with the inner retina draping over the tumor.
 - *Educational objectives:* HHSD OCT can aid the ocular oncologist in the identification of very small tumors before they are visible to the eye, which allows for earlier and potentially vision-sparing treatment of these lesions.
 - *Schedule:* Anytime
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Bogie, III, Charles P. -- "The Use and Abuse of Topical Anesthetics"

- *Purpose:* This lecture includes a brief discussion of topical ophthalmic anesthetics: 1) The history of topical anesthetic use 2) Categories of topical anesthetics and their relative benefits. 3) Cases of topical anesthetic abuse 4) Ongoing study of the clinical use of topical anesthetics in the outpatient setting for corneal abrasions
 - *Educational objectives:* This lecture address a controversial use of topical ophthalmic anesthetics in a off-label manner to treat a common ophthalmic emergency.
 - *Schedule:* Anytime
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Brasington, Chad -- "Progressive Astigmatism in Alkaptonuric Ochronosis"

- *Purpose:* Alkaptonuria, a Tyrosine meatbolism disorder, results in the accumulation of brown pigment "oil-droplet" granules in the nasal and temporal limbus. Progressive astigmatism may result.
 - *Educational objectives:* This presnetation will address the pathogenesis and treatment of ocular mainfestations of ochronosis.
 - *Schedule:* NOT Friday PM and Saturday
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Brown, Jr., Jeremiah -- "Prevalence of Diabetic Macular Edema in New Onset Vitreous Hemorrhage"

- *Purpose:* The Rise and Ride clinical trial studies demonstrated that anti-VEGF medications can induce regression of diabetic retinopathy. However currently, anti-VEGF medications are only indicated for the treatment of diabetic retinopathy in association with diabetic macular edema. This study demonstrates that most patients presenting with a new onset vitreous hemorrhage do not have accompanying diabetic macular edema, thus making them ineligible for the benefits of anti-VEGF therapy.
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- *Educational objectives:* This study discusses the current indications for the use of anti-VEGF medications for patients with new onset diabetic vitreous hemorrhage.

- *Schedule:* Anytime

Brown, Jr., Jeremiah -- "The Prevalence of Diabetic Macular Edema in Proliferative Diabetic Retinopathy"

- *Purpose:* Anti-VEGF medications have been demonstrated to achieve beneficial results in the treatment of diabetic retinopathy. However, anti-VEGF medications are FDA approved for the treatment of diabetic retinopathy, only if there is associated diabetic macular edema. This paper discusses the prevalence of diabetic macular edema in patients presenting with new onset vitreous hemorrhage due to proliferative diabetic retinopathy.

- *Educational objectives:* Anti-VEGF medications can be used to treat only a fraction of patients presenting with new onset vitreous hemorrhage due to the lack of insurance coverage determination for this indication.

- *Schedule:* Anytime

Carter, Keith -- "Ophthalmology Resident Education; Is It Time For A Change"

- *Purpose:* Future ophthalmologists will need to have broad skills be able to manage complex health care organizations. However, training for ophthalmologists does not take advantage of all of the postgraduate years. While the traditional residency years seem to have little excess capacity, enhancing the internship year does offer an opportunity to expand the time for ophthalmology training in the same four postgraduate years. Integrating the internship year into residency would allow control of all of the postgraduate years, allowing our profession to optimize training for ophthalmology. In this talk, I will discuss the need to capture an additional six months of training time by integrating basic ophthalmology training into the intern year. This would allow six additional months to expand training in areas like quality improvement or time for "mini-fellowships" to allow graduates to develop a deeper set of skills.

- *Educational objectives:* Review of future resident education needs

- *Schedule:* ONLY Wednesday and Thursday Morning.

Chan, R.V. Paul -- "The Evolving Paradigm in ROP Management"

- *Purpose:* The management of pediatric retinal disease and ROP has been evolving rapidly with significant advances in imaging and surgical technology over the past decade. Although we have historically based our diagnostic and treatment decisions almost exclusively through the findings seen on examination by indirect ophthalmoscopy, the advent of imaging systems that are able to better accommodate children has improved our medical and surgical management of pediatric retinal conditions. The changing trends for managing pediatric retina patients will be discussed with an emphasis on the role of ultra-widefield imaging, fluorescein angiography, and

other imaging modalities.

- *Educational objectives:* Traditional management of ROP has relied on criteria defined by the ICROP, CRYO-ROP, and ETROP. There is a need to understand how clinical decisions are affected with new technology and clinical judgement.
 - *Schedule:* Anytime
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Chiang, Michael F. -- "Time requirements for ophthalmology documentation with EHRs: a time-motion and big data study"

- *Purpose:* Ophthalmologists have raised concerns that EHRs increase the time required for documentation and interfere with the patient-doctor interaction. Little published work has studied this issue. This talk describes a study that examines time demands for ophthalmology documentation in ophthalmology using an institution-wide EHR using time-motion and big data methods.
 - *Educational objectives:* This talk will address a gap in knowledge regarding the impact of EHRs on practice efficiency.
 - *Schedule:* Anytime
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Chiu, Cynthia S. -- "PGA Orbitopathy in Asian Patients"

- *Purpose:* Prostaglandin analogues have been reported to cause ptosis, orbital fat atrophy, deepening of the superior sulcus, and enophthalmos with prolonged use. These changes may be more significant in Asian patients due to racial differences in eyelid anatomy. Some periorbital changes are severe enough to interfere with ocular examination and ongoing glaucoma surveillance. A photo essay on PGA-induced orbital changes in a predominantly Chinese patient population will highlight the prominence of this phenomenon in this ethnic subgroup.
 - *Educational objectives:* This presentation will review the mechanism, prevalence, and treatment of PGA orbitopathy and improve recognition of this disorder across different ethnic groups.
 - *Schedule:* ONLY Wednesday or Thursday
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Coney, Joseph M. -- "Update on the Treatment of Diabetic Macular Edema"

- *Purpose:* This presentation will discuss the pathophysiology of diabetic macular edema (DME), including the role of inflammation; imaging techniques that guide diagnosis and management; and the efficacy and cost-effectiveness of various DME treatments, including injections and intravitreal implants.
 - *Educational objectives:* This lecture provides basic information about DME as well as new information in rapidly evolving diagnosis and treatment techniques.
 - *Schedule:* Anytime
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Day, Susan --

- ***Jerry & Donna Knauer Lecture***
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Ellis, George -- "Unusual Case of Transient Intermittant Nystagmus"

- *Purpose:* 4 month old baby presents with 2 week history of unusual vertical and circular nystagmus associated with widening of palpebral fissure. Is noted to have burst of Down Beat Nystagmus especially in upgaze on exam. Videos to be presented.
 - *Educational objectives:* Discussion and help with diagnosis solicited.
 - *Schedule:* Anytime
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Epley, David -- "Atropine treatment of Myopia"

- *Purpose:* Myopia is becoming a worldwide public health issue. While often considered benign, high myopia carries with it significant morbidity in the form of retinal detachment, foveal changes leading to decreased vision, early cataract, glaucoma, and more. Atropine has been used for decades in the treatment of both amblyopia and myopia. The Atropine Treatment Of Myopia (ATOM) studies out of Singapore have demonstrated a novel use of atropine in a very dilute formulation that slows the progression of myopia more effectively than current techniques. This presentation will review the current literature and discuss the author's personal results of the use of dilute atropine in the treatment of myopia.
 - *Educational objectives:* To educate physicians on a novel use of atropine in the prevention of progressive myopia.
 - *Schedule:* Anytime
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Epley, David -- "Gamification and Adult Learning"

- *Purpose:* This presentation will focus on the American Board of Ophthalmology's efforts to change the Maintenance of Certification process, with specific regard to how adults learn and how to keep Board Diplomates current in the field of ophthalmology.
 - *Educational objectives:* In the wake of the AMA's MOC scandal, the ABO is working to build a better process to maintain certification, which is necessary for every board certified ophthalmologist.
 - *Schedule:* Anytime
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Fante, Rob -- "Antimetabolites in Oculofacial Plastic Surgery"

- *Purpose:* Purpose: Presentation of several case series highlighting off-label use of antimetabolite therapy in oculoplastic surgery. Increasing use of mitomycin and 5-fluorouracil in wound management presents opportunities for improved patient outcomes, risks of new
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complications, and ethical issues around informed consent. Review of published evidence and anecdotal experience will inform a discussion regarding the present and future roles of these agents.

- *Educational objectives:* This lecture will address a knowledge gap concerning the efficacy and safety of antimetabolite therapy in oculoplastic surgery.
 - *Schedule:* Anytime
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Giangiacomo, Annette L. -- "Glaucoma Update"

- *Purpose:* review new meds, procedures, technologies for the non-glaucoma doc
 - *Educational objectives:* Need: update doctors on topics which may not be on their radar.
 - *Schedule:* Anytime
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Gold, Robert S. -- "The Power of Prayer"

- *Purpose:* The power of prayer in medicine and in life has been discussed for decades on its benefits, effectiveness and realism. Personal and professional experiences of the author will be presented to bring this topic to the next level for all.
 - *Educational objectives:* This presentation will show the need and place for prayer in both life and in medicine.
 - *Schedule:* ONLY Wednesday
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Gold Robert S. -- "50 Year History of the AESC--1966"

- *Purpose:* Highlights of the 1966 Annual AESC Meeting will be presented.
 - *Educational objectives:* Annual history presentation.
 - *Schedule:* ONLY Wednesday
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Hagedorn, Curtis L. -- "Chronic Emergency"

- *Purpose:* Unique case presentation of a retained intraocular foreign body. Management over many years. Surgical video.
 - *Educational objectives:* This case illustrates the importance of considering all factors when making emergency surgical decisions regarding ocular trauma.
 - *Schedule:* Anytime
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Hildebrand, P. Lloyd -- "Big Data Analytics and Ophthalmology"

- *Purpose:* The ability to synthesize and distill copious amounts of digital data into knowledge is a growing challenge. The future of data analytics, cognitive computing, the Internet of Things and knowledge-based systems is emerging and will likely impact ophthalmic

research, clinical practice and population health management in the near future.

- *Educational objectives:* Need: An understanding of knowledge based systems and cognitive computing in ophthalmic research, clinical care and population health management.
 - *Schedule:* Anytime
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Hildebrand, P. Lloyd -- "Community-based Cataract Surgery Program"

- *Purpose:* Cataract is a leading cause of treatable blindness in Swaziland. The University of Oklahoma Global Eye Care Program teamed up with a community-based mobile hospital program to screen for and treat cataracts in rural Swaziland. The enhanced cataract surgery rate greatly enhances Swaziland's chances of meeting the WHO Vision 2020 goals for eliminating cataract blindness.
 - *Educational objectives:* Need: An understanding of global eye care challenges and opportunities for manual small incision cataract surgery (MSICS)
 - *Schedule:* Anytime
-

Hoar, Glen G. -- "Review of the Canadian Medical System"

- *Purpose:* At the request of several members, the health care system in Canada will be reviewed; its origins, current structure and future concerns. The goals will be to shed some light on the pro's and con's of a publically funded health care system.
 - *Educational objectives:* Are there any pearls that a private system can gain from a tax based public medical system.
 - *Schedule:* Anytime
-

Horn, Erich P. -- "On Becoming an Effective Expert Witness"

- *Purpose:* Ophthalmologists may be uncomfortable in an unfamiliar courtroom setting, where they have little control over the process or outcome of legal proceedings. Nonetheless, their medical testimony may be required from time to time and some will choose to provide testimony as medical experts. This presentation will provide suggestions to improve the effectiveness of a physician's testimony and to increase physician satisfaction from a foray into forensic medicine.
 - *Educational objectives:* Eye physicians and surgeons may have limited knowledge of how to testify in court, which may detract from their effectiveness in that role.
 - *Schedule:* Anytime
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Johnson, Anthony P. -- "Do Insurers Care About Cost?"

- *Purpose:* Increasing cost of health care seems to be an escalating problem. Have you ever wondered why insurers are not actively pushing to have all eye surgery done in an ASC? Insurers are measuring providers by the cost of care provided, or at least it seems so for some insurers like UHC. Ironically, the regulatory requirement built into the ACA requiring 80 or 85% medical loss ratio (MLR) is really an opportunity for the insurer to benefit from steadily increasing total cost of care! Examples will be shown.
 - *Educational objectives:* Providers need a broad understanding of the requirements and the unintended consequences related to the Affordable Care Act.
 - *Schedule:* Anytime
-

Kipp, Michael A. -- "Pediatric Ophthalmology and Strabismus Update"

- *Purpose:* This talk will summarize the latest research and advancements in the field of pediatric ophthalmology and strabismus. Topics covered will include new amblyopia treatments, surgery for small angle strabismus, pediatric cataract surgery, ROP monitoring and more
 - *Educational objectives:* This talk will familiarize the audience with the latest advancements in pediatric ophthalmology and strabismus
 - *Schedule:* NOT Saturday
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Kishor, Krishna S. -- "This case study will show using visual fields and OCT can help diagnose a patient's visual field defect."

- *Purpose:* This case study will show using visual fields and OCT can help diagnose a patient's visual field defect.
 - *Educational objectives:* Visual Fields are an important test for ophthalmologists. But the appropriate type of visual fields are paramount in the diagnosis of defects. This lecture will help the audience decide on which study to use.
 - *Schedule:* ONLY Saturday
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Klapper, Stephen R. -- "Oh the things you can find...Nasolacrimal pathology"

- *Purpose:* Nasolacrimal drainage obstruction is typically idiopathic or due to prior trauma or surgery. A potpourri of less common canalicular and lacrimal sac abnormalities that may be encountered during lacrimal surgery will be presented.
 - *Educational objectives:* Ophthalmologists should be aware of unusual causes of nasolacrimal drainage obstruction.
 - *Schedule:* Anytime
-

LaRosa, Francis A. -- "BMI and IOP"

- *Purpose:* We will present data on patients with increased BMI and its impact on the

estimation of IOP using various estimation techniques. We hope that our data will impact your future clinical approaches to this particular patient population and improve diagnostic accuracy.

- *Educational objectives:* Illuminating the impact of BMI on measuring IOP.
 - *Schedule:* Anytime
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Lawrence, Scott D. -- "Fighting Blindness in Ethiopia on Multiple Fronts"

- *Purpose:* Ethiopia has a blindness prevalence of 1.6% with an additional 3.7% of the population designated as low vision (~ 5 million persons affected). The major causes of visual impairment are cataract, trachoma and refractive error. Numerous organizations, including ASCRS Foundation and Himalayan Cataract Project, have begun to respond to this public health challenge. A collaborative and multi-faceted approach must address the need for increased service delivery, ophthalmology and sub-specialty training, and research.

- *Educational objectives:* This lecture will examine the current epidemiology of blindness in Ethiopia and highlight the programmatic interventions required to address both the current and emerging challenges in eye health.
 - *Schedule:* ONLY Wednesday
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Lee, Thomas -- "Increasing Access to Pediatric Ophthalmology - A Telemedicine Approach"

- *Purpose:* With the United States moving steadily towards universal health insurance for children, the number of families seeking medical care is rising rapidly, straining an already limited pool of pediatric specialists nationwide. We feel the strain acutely in our own ophthalmology clinic at CHLA, where we struggle to meet the demand and wait times to see our ophthalmologists run many months. The ultimate goal of this work is to develop a telemedicine platform to improve access to pediatric ophthalmic specialists in underserved areas, while providing educational support to physicians and allied health professionals seeing these patients. The proposed pilot study is an essential first step in developing such a program

- *Educational objectives:* Understanding how a pediatric ophthalmologist can use telemedicine to increase the region they serve.
 - *Schedule:* NOT Wednesday
-

Lelli, Gary J. -- "Avoiding Complications in Lower Eyelid Reconstruction"

- *Purpose:* Lower eyelid reconstruction after cancer removal is complicated by the risk of ectropion and lower lid retraction. Lower eyelid anatomy and reconstruction will be reviewed and techniques to avoid these complications will be discussed.

- *Educational objectives:* Avoiding eyelid malposition after lower eyelid reconstruction.
 - *Schedule:* Anytime
-

Lobo, Ann-Marie -- "Systemic Infections and the Eye: the old, the new, and the emerging"

- *Purpose:* Systemic infections may disseminate to the eye and result in significant ocular inflammation. The diagnosis and management of representative cases of ocular infections such as syphilis and Toxoplasmosis will be discussed. Eye involvement in emerging viral infections, including mosquito-borne infections, will also be presented.
 - *Educational objectives:* To review the latest updates in the diagnosis and management of ocular infections/infectious uveitis.
 - *Schedule:* Anytime
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Maltzman, Jeff / Irvine, John -- "Ambulatory Surgery in the Age of MACRA"

- *Purpose:* Ambulatory ophthalmic surgery has been shown to be both safe and cost effective. However, financial and regulatory pressures are forcing ASCs to continually re-evaluate their practices in order to maintain profitability in an age of constantly declining reimbursement. We will discuss concerns and best practices for various types of ASC, ranging from small private facilities to large, university-run centers.
 - *Educational objectives:* Surgeons must understand how fiscal and regulatory pressures affect their use of ambulatory surgical facilities.
 - *Schedule:* Anytime
-

Mawn, Louise -- "A Novel Imaging Analysis Tool to Predict Structural Functional Associations of the Orbit in Thyroid Eye Disease"

- *Purpose:* [Click here](#) to view abstract.
 - *Educational objectives:* Rapid computational methods need to be available to process data from orbital images to make it available to ophthalmologist - we have developed this technology.
 - *Schedule:*
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Mawn, Louise -- "Paradigm Shift in the Treatment of Periocular Necrotizing Fasciitis - Neutralizing the Toxin"

- *Purpose:* [Click here](#) to view abstract.
 - *Educational objectives:* Necrotizing fasciitis should be treated with medical modification of the disease rather than surgery.
 - *Schedule:*
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Melendez, Rob -- "Leadership: Focus on your Passion, not the Position"

- *Purpose:* Leaders focus on making others better. We will discuss how we can promote others to help them along their careers.
 - *Educational objectives:* Improve leadership skills for physician leaders/administrators.
 - *Schedule:* Anytime
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Miller, David G. -- "Facility Location and Retinal Surgery"

- *Purpose:* There has been a migration of retinal surgery to the ASC setting over the past decade. I will review case selection and safety of performing retinal surgery in an ASC vs Hospital setting.
 - *Educational objectives:* I will evaluate safety and selection of facility for retinal surgery.
 - *Schedule:* Anytime
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Parke, III, D. Wilkin -- "Zika Virus and the eye"

- *Purpose:* The established and emerging ocular manifestations of the Zika Virus will be discussed. A recent case will be included. Diagnostic challenges and the implications of ocular disease will be emphasized.
 - *Educational objectives:* The Zika Virus is reaching epidemic status in the Americas and ophthalmologists should be aware of its ocular associations and public health consequences.
 - *Schedule:* NOT Friday and Saturday
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Patel, Purnima -- "CMV-related Anterior Uveitis"

- *Purpose:* I will provide a overview of key features of CMV-related anterior uveitis, methods for diagnosis, and treatment options. This is a difficult to manage diagnosis and may foster good discussion of management options: antihypertensives, topical steroids, topical antivirals, oral antivirals, and intravitreal antivirals.
 - *Educational objectives:* CMV-related anterior uveitis may be a challenging diagnosis therefore this presentation will highlight key features that suggest CMV-related anterior uveitis.
 - *Schedule:* Anytime
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Reiser, Bibiana Jin -- "To be or not to be: the question of intraocular lens implantation with cataract extraction in the pediatric uveitic patient "

- *Purpose:* Case presentation on clinical considerations of safety and risk of implantation of intraocular lenses in pediatric uveitic cataract extraction.
 - *Educational objectives:* It is standard procedure to implant intraocular lenses in cataract patients. This lecture will highlight the risks and specific clinical considerations that need to be made before deciding on implantation in this high risk population.
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- *Schedule:* NOT Wednesday
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Richheimer, William -- "Cataract Surgery with No IV and No Anesthesiologist: Patient, Surgeon, and Staff Experience "

- *Purpose:* Most cataract surgery is performed with a separate anesthesia provider and IV sedation. Such routine may be unnecessary. One surgeon's data and experience, having recently converted to sublingual sedation and having kicked the anesthesiologist to the curb for all routine cataract surgeries will be presented. Data for patient comfort and safety will be discussed. While there is no correct-for-all approach, cataract surgery without IV sedation and without an anesthesiologist is reasonable for some surgeons and most patients.

- *Educational objectives:* Routine cataract surgery without IV sedation and without an anesthesiologist is a reasonable, safe choice for some patients and surgeons.

- *Schedule:* Anytime
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Robbins, Shira L. -- "The view from the other side: Lessons learned about medicine from a doctor turned patient "

- *Purpose:* When a surgeon turns into a patient the experience can be more educational than one expects. Perspectives on treatment and recovery are not always the same. I will share 5 lessons from my recent medical adventures that have made me a better doctor.

- *Educational objectives:* Physicians are taught extensively about diseases and their treatments but comparatively little about the recovery process.

- *Schedule:* Anytime
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Rosenblatt, Mark -- "Nanoengineered Silk Biomaterials for Ocular Surface Reconstruction"

- *Purpose:* Damage to ocular surface may result from myriad insults including chemical injury, mechanical trauma, immune disease, infection, or genetic disorders. We are developing transparent, strong, biocompatible silk films for use in corneal regenerative medicine. We are engineering the surfaces of these films at the nanoscale to improve epithelial migration, adhesion, and differentiation.

- *Educational objectives:* Introduce engineering based solutions for ocular surface reconstruction.

- *Schedule:* Anytime
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Rychwalski, Paul J. -- "Rewards and Challenges of International Practice"

- *Purpose:* The goal of Cleveland Clinic Abu Dhabi was to bring a Patients First philosophy
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of medical practice, focused on quality, outcomes and patient experience, to a country that sends most of its patients abroad for complex care. I will present an update with emphasis on the personal interactions that have shaped my practice after three years. In addition I will discuss the challenges of practice abroad, professionally and personally, and the importance of leadership skills in an uncertain environment. I will also touch on eye disorders unique to or more prevalent in the Gulf population. "Travel is fatal to prejudice, bigotry, and narrow-mindedness", Mark Twain. "To travel is to discover that everyone is wrong about other countries", Aldous Huxley

- *Educational objectives:* To provide the audience with information about global medical practice.

- *Schedule:* Anytime

Saini, Arvind -- "Differences in corneal transplant tissue and storage media in Europe vs the US"

- *Purpose:* I will briefly speak about my trip to the NIOS in the Netherlands and learning DMEK. I will also speak about the differences between pre-cut tissue in the Netherlands vs the US. Lastly, I will speak about the differences between transport media in the US and Europe and the differences in the time between harvesting tissue and transplanting it.

- *Educational objectives:* To understand how different the European union and the US is when it comes corneal transplant tissue.

- *Schedule:* Anytime

Saini, Noaman -- "Layton Rahmatulla Benevolent Trust: Free Eye Care for the Poor"

- *Purpose:* The Layton Rahmatulla Benevolent Trust (LRBT) is one of the largest free eye provider in the world. LRBT was established in 1984 from the back of a bus by two businessmen one British and the other Pakistani. The organization has since grown into a network of 18 hospitals and 54 clinics throughout Pakistan. LRBT has provided eye care to over 30 million patients, including 3 million children in the 5th most populous country in the world [200 million] with poor health care. Over 3 million surgeries, 92% of which have exceeded the benchmark standards of the WHO/International Center for Eye Health have been performed so far.

- *Educational objectives:*

- *Schedule:*

Schwartz, Stephen G. -- "Controversies in Endophthalmitis Prophylaxis"

- *Purpose:* Endophthalmitis remains a rare but important cause of visual loss. Endophthalmitis cannot be completely prevented, but certain procedures have been reported to reduce the rate of infection following cataract surgery and intravitreal injection. Current strategies will be reviewed, with particular attention to controversial practices, including the use of topical antibiotics with intravitreal injection and intracameral antibiotics with cataract surgery.

Techniques will be compared both within and outside the US.

- *Educational objectives:* To review current controversies in endophthalmitis prophylaxis, both within and outside the US.
 - *Schedule:* Anytime
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Schwartz, Stephen G. -- "Adventures in Prophylaxis: What Should We Be Doing?"

- *Purpose:* There is no current consensus regarding the best practices for endophthalmitis prophylaxis with cataract surgery or intravitreal injection. This talk will review the current available evidence, with special attention to the potential roles of intracameral antibiotics for cataract surgery and topical antibiotics for intravitreal injections.
 - *Educational objectives:* There is no current consensus regarding the best practices for endophthalmitis prophylaxis.
 - *Schedule:* Anytime
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Shaw, Hal -- "Diagnostic Error in Ophthalmology"

- *Purpose:* The National Academy of Medicine has published a report highlighting the problem of diagnostic error and has concluded that improving the diagnostic process is a moral, professional, and public health imperative. This presentation addresses the issue of diagnostic error in ophthalmology and describes strategies for improving diagnostic accuracy and patient safety.
 - *Educational objectives:* The need for improved diagnostic accuracy and patient safety in ophthalmology
 - *Schedule:* NOT Saturday
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Skuta, Gregory L. -- "Glaucoma Surgery 2016: Trends, Challenges, and Advances"

- ***Ruedemann Lecture***
 - *Purpose:*
 - *Educational objectives:*
 - *Schedule:*
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Tandon, Amit -- "Cataract: Easy Come Easy Go"

- *Purpose:* A case report with the rapid onset and resolution of a visually significant cataract in a patient with Charcot-Marie-Tooth syndrome.
 - *Educational objectives:* To describe a visually significant cataract with rapid onset after an unrelated non-eye surgery (with systemic anesthesia) in a patient with Charcot-Marie-Tooth syndrome.
 - *Schedule:* Anytime
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Tsai, James C. -- "Glaucoma Drainage Implant Trials: An Update"

- *Purpose:* This presentation provides a current update of prospective clinical trials evaluating the surgical outcomes of the Ahmed and Baerveldt glaucoma drainage implants. One conclusion from these published results is that device selection should balance patient factors (e.g. target IOP, medication tolerance, and goals of care) and surgeon factors (e.g. experience and outcomes).
 - *Educational objectives:* This lecture provides a comprehensive update of the current indications for device selection of glaucoma drainage implants.
 - *Schedule:* NOT Wednesday
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Warn, Ann A. -- "OMIC: A Storm is Brewing"

- *Purpose:* It is a look at our litigious environment.
 - *Educational objectives:* This will be a review of some case reports and OMIC's recommendations on risk management.
 - *Schedule:*
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Wiggins, Robert E. -- "American Board of Ophthalmology's MOC: Assessment of Part 4-Improvement in Medical Practice" □ □

- *Purpose:* There is disagreement as to whether Maintenance of Certification (MOC) is creating value for physicians and their patients. This presentation provides a quantitative and qualitative analysis of the effectiveness of Part 4 of this activity in assisting ophthalmologists with quality improvement in their practices.
 - *Educational objectives:* There is an educational need for ophthalmologists to understand how they can improve quality in their practices.
 - *Schedule:* Friday ONLY
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Ying, Michelle -- "Cornea and Refractive Surgery Update" □

- *Purpose:* The talk will discuss some of the current "hot topics" in the Cornea world including corneal inlays, topographic guided corneal ablation, and FDA approval of collagen crosslinking.
 - *Educational objectives:* To review the latest cornea technological advances and learn what type of patient may benefit from these procedures.
 - *Schedule:* Anytime
-