World Ophthalmology Congress® of the International Council of Ophthalmology

Host: Sociedad Mexicana de Oftalmología
Co-Host: Pan-American Association of Ophthalmology

• XXXV International Congress of Ophthalmology
• XXXIII Congreso Mexicano de Oftalmología
• XXXII Pan-American Congress of Ophthalmology

Final Program
Subspeciality Day
Friday February 5th 2016
Invited Symposium

**IS-FR-114 / 8:30 - 10:00 / Guadalajara 2**

**Interactive Session**

**Myopia Control: What’s New on the Horizon?**

Chair(s): Ian Morgan, Kathryn Rose, Galton Vasconcelos

Description:
The recent epidemic of myopia in East and Southeast Asia, in which 80%-90% of young adults are now myopic, has brought with it an epidemic of high myopia (<-6D) in which from 10% to over 20% of students completing secondary education are now highly myopic, and thus exposed to the high risk of subsequent pathology. There is now considerable evidence that similar trends are appearing on other parts of the world, including Europe and North America, where the prevalence of myopia has now reached 40%-60% in younger adults. As the population ages, these high prevalences of myopia and high myopia will gradually spread through the adult population, making prevention of myopia onset and control of myopia progression a high priority. This symposium covers the evidence that there is a higher risk of uncorrectable visual impairment and blindness associated with high myopia, which increases with increasing myopia and with age. Treatment options for various forms of high myopic pathology will be discussed.

Introduction: A New Epidemic of High Myopia
Ian Morgan

Atropine for the Control of Myopia Progression
Pei Chang Wu

Time Outdoors and the Prevention of Myopia Onset
Kathryn Rose

Orthokeratology for the Control of Myopia Progression
Bruce Koffler

Peripheral Defocus and the Control of Myopia Progression
Earl Smith

Myopic Shifts in Refraction after Pediatric IOL Implantation
Jason Yam

**IS-FR-172 / 8:30 - 10:00 / Guadalajara 3**

**Innovations and Evidence Based Oculofacial Plastic Surgery 2016 Published Studies Since Last WOC (2014–2016) on Techniques, Technologies, Products and Observations**

Chair(s): Alejandra Valenzuela, Hirohiko Kakizaki

Recent Advances in Oncologic Oculoplastic Surgery and Orbit
Bita Esmaeli

Technological Innovations in Orbital Reconstruction
Gangadharar Sundar

Fetal Check Ligament Connected Between the Conjunctiva and the Medial and Lateral Recti
Hajime Osanai

Advances in Thyroid Eye Disease
Timothy Sullivan

Aesthetic Periorbital Rejuvenation
Reynaldo Javate

Modern Approaches to the Management of Adnexal Vascular Anomalies
David Verity

**IS-FR-198/ 8:30 - 10:00 / Guadalajara 7**

**Interactive Session**

**Angle Closure Glaucoma - What’s New?**

Chair(s): Oscar Albis, Clement Tham, Carlo Enrico Traverso

Acute Primary Angle Closure- My Strategy in 2016
Clement Tham

Prophylactic Vitrectomy for Angle Closure Glaucoma
Christopher Teng

Non-pupil Block Mechanisms
Tiago Prata

When to Do Iridoplasty
Shamira Perera
High Definition Anterior Segment OCT Analysis of Angle Closure
Alfredo Castillejos

**IS-FR-2952/ 8:30 - 10:00/ Guadalajara 1**

**Dissecting the Cornea: New Trends in Corneal Transplantation**

Chair(s): *Julio Hernández, Luis Izquierdo, Mark Mannis*

**Endothelial Keratoplasty in the Glaucoma Patient**
*Mark Mannis*

**DMEK in Complex Anterior Segment and Vitreous Disease**
*Friedrich Kruse*

**Mastering DMEK: Dancing to Success**
*Nicolás Cesario Pereira*

**Problem Solving in DALK**
*Vincenzo Sarnicola*

**DALK in Special Situations**
*Tarek Katamish*

**Superficial Lamellar Keratectomy: Indications**
*Roberto Belluci*

**DALK: What it has taught us about Corneal Ultrastructure?**
*Sadeer Hannush*

**IS-FR-540/ 8:30 - 10:00/ Salón de Eventos 7 & 8**

**Refractive Lens Exchange: Indications, Limitations and Outcomes**

Chair: *Naoyuki Maeda*

Description: Refractive Lens Exchange in Myopia and Hyperopia; Femtosecond laser for Refractive Lens Exchange

**Indication of Refractive Lens Exchange**
*Jorge Alio*

**Refractive Lens Exchange in Myopia**
*Sheraz Daya*

**Refractive Lens Exchange in Hyperopia**
*Christopher Leung*

**Pros and Cons of Femto-Second Laser in Refractive Lens Exchange**
*Zoltan Nagy*

**Choice of IOLs in Refractive Lens Exchange**
*George Beiko*

**Complications in Refractive Lens Exchange**
*Cecilio Velasco*

**IS-FR-170 / 10:30 -12:00/ Salón de Eventos 7 & 8**

**Success after Cataract Surgery: Snellen Acuity Is the Only Measure!**

Chair: *George Beiko*

Description: Measurement of Success after Cataract Surgery, Accommodation and Glare after Surgery

**Snellen Acuity: What is It and how did it Become the Standard?**
*Andrzej Grzybowski*

**Straylight and Glare: How Relevant is That?**
*Van Den Berg TJTP*

**Objective Measurement of Accommodation: Phakic and Pseudophakic Eyes**
*Daniel Neal*

**Adaptive Optics; What Does it Tell Us About Visual Function?**
*Pablo Artal*

**Corneal Imaging: Does a Cataract Surgeon Need to Consider These?**
*Parag Majmudar*

**IS-FR-197/ 10:30 - 12:00/ Guadalajara 7**

**Hot Topics in Glaucoma 2016**

Chair(s): *Ki Ho Park, Remo Susanna*

**Vascular Pathogenesis of NTG**
*Jaewan Choi*
IOP Peak Detection its Importance in Glaucoma Management  
Remo Susanna

Exfoliation Syndrome in Utah: Epidemiology and New Comorbidities  
Barbara Wirostko

The Uveolymphatic Outflow Pathway - Implications for Glaucoma  
Yeni Yucel

IS-FR-255/ 10:30 - 12:00/ Guadalajara 3
Experts Sharing on Oculofacial Plastic Conditions and Complications- Personal/ Referred/ Published Nightmares/ Complications During/ After All Types of Oculofacial Plastic Procedures  
Chair(s): Kelvin Kam-lung Chong, Mohsen Kashkouli, José Luis Tovilla
Description: This symposium will present a collection of personal, referred or published cases of nightmares or complications which may happen during or after various types of oculofacial plastic procedures.

From injectables, common eyelid operations to orbital and socket surgeries, speakers will discuss the anatomical and patho-physiological bases or postulations how these complications may have occurred and how to avoid and manage them.

Worst Nightmare on Periocular/Socket Reconstruction  
Santosh Honavar

Worst Nightmare after Upper Face Lifting  
Mohsen Kashkouli

Worst Nightmare During/After Fracture Repair  
Khaled Abuhaleeqa

Worst Nightmare in Orbitotomies - Personal Experience of a Few Cases  
Daniel Briscoe

Worst Nightmare in Blepharooplasties  
Jose Luis Tovilla

Worst Nightmare in Ptosis Surgery  
Rosa Balcells

Vision Lost in Oculoplastic Procedures  
Jorge Corona

IS-FR-2951/ 10:30 - 12:00/ Guadalajara 1
Ocular Surface and Keratoprosthesis  
Chair(s): Víctor L. Pérez, Arturo Ramírez, Siamak Zarei
Medical vs. Surgical Treatment of OSSN  
Carol Karp

Limbal Stem Cell Transplant vs Keratoprosthesis: How do I Choose  
James Chodosh

Keratoprosthesis as a First Line Treatment  
Anthony Aldave

PROSE for Ocular Surface Disease  
Mark Rosenblatt

Simple Limbal Epithelial Transplant  
Sayan Basu

 Conjunctival Cicatrizng Disease: Differential Diagnosis  
Harminder Dua

Osteodontokeratoprosthesis  
Víctor L. Pérez

Complications Associated with Glaucoma Drainage Devices and Boston Keratoprosthesis  
Jennifer Y. Li

IS-FR-536/ 10:30 - 12:00/ Salón de Eventos 1,2, & 3
Challenging Video Cases  
Chair(s): Vishal Jhanji, Jorge Alio
Description: Challenging Video Cases
Argentina Flag Sign in Non White Cataract  
Ahmed Elmassry

Bloody Cases in Cataract Surgery  
Jorge Alio
To Glue or to Suture
Mohan Rajan

Combined DLK with Cataract Surgery in Scarred Corneas
Wei Chen

Triple Procedure in Glaucoma and Weak Zonules
Sarbjit Singh

The White Abyss
Namrata Sharma

DSAEK in Vitrectomized Eyes
Jeewan Titiyal

How Can We Do Better in ROP Care –The UK and Europe Experience
Alistair Fielder

Progress and Challenges in ROP Management in Mexico and South America
Luz Zepeda

Guidelines for Prevention, Screening and Treatment of ROP: Africa’s Perspective
Linda Visser

IPOSC Worldwide Survey on ROP Screening Guidelines
Justin Mora

IS-FR-115/ 14:00 - 15:30/ Guadalajara 2

Challenges and Strategies to Reduce the Burden of ROP Blindness-A Global Perspective
Chair(s): Shuan Dai, James Elder, Ngoy Kilangalanga

Description:
Retinopathy of prematurity (ROP) is a leading cause of childhood visual impairment worldwide in both developing and developed countries. The incidence of ROP is on the rise due to improved survival rate of low birth weight infants in the emerging economies. This symposium is attempted to highlight current global challenges in ROP care, report progresses made and identify potentials for improvement in ROP care in various regions. Eight higher caliber speakers representing all continents of the world will provide attendees valuable updates on the current knowledge of ROP management, from screening guidelines, ROP telemedicine to the use of Anti VEGF.

ROP Blindness-A Global Burden
James Elder

Anti-VEGF for ROP: Are We Injecting too Many, or too Few?
Rajvardhan Azad

Training the Screeners for ROP in Indonesia and South East Asia
Rita Sitorus

Is Telemedicine the Solution for Worldwide ROP Detection?
Darius Moshfeghi

IS-FR-185/ 14:00 - 15:30/ Guadalajara 8

Medical Retina and Uveitis
Chair(s): Federico Graue, Anthony Moore

Swept Source OCT in DME
David Pelayes

Vogt-Koyonagi-Harada Syndrome
Carlos Quezada

White Spots Syndromes: The Challenge of the Differential Diagnosis and Treatment
Rodrigo Matsui

The Medical Treatment of PVR
José Dalma

Atypical Clinical Presentation of Toxoplasmosis
Carlos Caballero

Takayasu Syndrome: A Clinical Presentation and the New Tools for the Diagnosis
Federico Graue

Angiographic Patterns in Myopia Magna and its Relations with Macular Neovascularization
Francesc March

Management of Coats Disease in Children
Anthony Moore

Central Serous Chorioretinopathy: New Trends in Diagnosis and Management
Gregorio Gabela
New Clinical Pearls to Assess and Manage Glaucoma

Chair(s): Neeru Gupta, Fabián Lerner

Description:
This symposium will provide new practical approaches to detect structural and functional damage in glaucoma, will discuss factors such as lifestyle factors, perfusion pressure and CSF pressure in relation to glaucomatous disease, and will provide insights into potentially useful biomarkers for future care.

The Role of Lifestyle, Nutrition and Supplements in Glaucoma
Robert Ritch

New Insights into Recognizing the Unstable Optic Nerve
Ki Ho Park

How to Measure the Rate of Glaucoma Vision Loss
Anand Viswanathan

What is the Relationship Between Blood Pressure, Perfusion Pressure and Glaucoma?
Fabián Lerner

What Does CSF Pressure Have to Do with Glaucoma?
Ningli Wang

Pearls for Managing Desperate Glaucoma Cases
Franz Grehn

Potential New Biomarkers for Glaucoma Damage in Clinical Practice
Neeru Gupta

IS-FR-2953/ 14:00 - 15:30/ Guadalajara 1

Keratoconus and Corneal Ectasia: How to Treat and Prevent

Chair(s): Michael Belin, Joaquín Lora, Everardo Hernández

Best Way to Avoid Post-Refractive Surgery Ectasia
J. Bradley Randleman

Intereye Asimmetry in Keratoconus
María Henríquez

CLEK: Novel Approach for Keratoconus Treatments
César Carriazo

Corneal Implants for the Management of Keratoconus
Paulo Ferrara

Update in Crosslinking
Theo Seiler

Iontophoresis and Crosslinking
Francois Malecaze

Toric IOLs in ectatic disease
Alejandro Navas

How to diagnose Progression
Dimitri Azaar

IS-FR-533/ 14:00 - 15:30/ Salón de Eventos 1, 2, & 3

New Technologies for Cataract Removal

Chair: Jorge Alio

Description:
Femtosecond laser cataract surgery and microincisional cataract surgery

Femtosecond Laser Cataract Surgery: Pros
Ronald Krueger

Femtosecond Laser Cataract Surgery: Cons
Béatrice Cochener

The Use of Nanolaser in Lens Removal
Iván Tanev

Micronicisional Cataract Surgery (MICS): Why do it?
Roberto Belluci

Is Phaco Energy Necessary at All? Sub US Energy Achievements
Boris Malyugin
Subspecialty Day

Interactive Session

Lenticular or Corneal Laser Refractive Surgery: What Is the Future?
Chair(s): Guillermo De Wit, Raúl Suárez

Description:
Lenticular vs. Corneal Laser Refractive Surgery, Management of Astigmatism

Phakic IOLs versus Smile in High Myopia: Who is the Winner?
Enrique Graue-Hernandez

Phakic IOLs
Angela Maria Gutierrez

Two Year Follow-up of ICL in Myopic Anisometropic Children
Ahmed Elmassry

Astigmatism in Pseudophakia: Global Nomograms vs Individual Personalization
Oscar Guerrero

Anterior Segment Femto and Refractive Surgery
Virgilio Centurión

Controversies in the Repair of Unilateral Congenital Ptsosis
Erin Shriver

Propranolol for Infantile Hemangioma- First Choice for Everyone?
David Plager

Treatment of Childhood Lower Lid Epiblepharon with Botulinum Toxin A
Angel Nava

Paediatric Orbital Oncology and Sight Sparing Treatments
Lelio Baldeschi

Congenital Orbito-Palpebral Malformations
Jose Luis Tovilla

A Simplified Frontalis Sling Technique for Congenital Ptsosis
Peter Dolman

IS-FR-199 / 16:00 - 17:30/ Guadalajara 7

Glaucoma Surgery Choices and Controversies
Chair(s): Félix Gil, Jost Jonas, Rohit Varma

Description:
The session will demonstrate the most recent development in antiglaucomatous filtering surgery and tube surgery including the application of minimally invasive device.

Microshunt in Glaucoma Surgery
Paul Palmberg

Making Minimally Invasive Glaucoma Surgery Maximally Effective?
Robert Weinreb

Schlemm’s Canal Scaffold
Iqbal Ike Ahmed

Who Would Benefit from a Tube? Changing Indications
Keith Barton

New Glaucoma Surgery: Beyond the Hype
Tarek Shaarawy

IS-FR-539/ 14:00 - 15:30/ Salón de Eventos 7 & 8

IS-FR-117/ 16:00 - 17:30/ Guadalajara 2

Trends and Controversies in Pediatric Oculoplastic Surgery
Chair(s): Scott Larson, Christie Morse, Ángel Nava

Description:
This symposium brings together oculoplastic experts from around the world to present the latest information on conditions and surgical techniques related to pediatric oculoplastic surgery. Attendees will learn to classify and evaluate complex pediatric oculoplastic problems, learn new techniques and explore controversies in an interactive format. Topics range from treatment of vascular lesions, orbital malformations, eyelid malposition and pediatric orbital tumors.

Surgical Approaches to the Orbit in Children
Yassir Abou-Rayyah
IS-FR-254/ 16:00 - 17:30/ Guadalajara 3

Sockets and Orbital Reconstruction: What’s Hot and What’s Not: Eyelid, Orbit, Socket Reconstructions: Implants, Flaps, Grafts (Including Cells Based Therapy)

Chair(s): Amal Al-Sayyed, Rosa Isela, Timothy Sullivan

Types of Implants and Prosthesis
Rosa Rubio

Simple Tips for Evisceration and Enucleation
Edsel Ing

The Role of Dermis Fat Graft in Socket
Christoph Hintschich

Orbital Reconstruction: 3-IN-ONE
Amal Al-Sayyed

Management of Implant Exposure and Extrusion
Timothy Sullivan

Orbital Grafts in Socket Reconstruction
Yasser Khan

Prosthetic Rehabilitation of the Exenterated Socket
Alejandra Valenzuela

IS-FR-2950/ 16:00 - 17:30/ Guadalajara 1

New Challenges in Corneal Infections

Chair(s): Eduardo Alfonso, Denise De Freitas, Concepción Santacruz

Management of Infectious Keratitis in Children
Vishal Jhanji

Bacterial Keratitis: How and When to Use Steroids
Prashant Garg

Crosslinking for Infectious Keratitis: The Last Resort?
Valeria Sánchez

Surgical Management of Corneal Infections
Alejandro Babayán

Herpes Simplex Virus Disease of the Anterior Segment in Children
Arturo Ramírez

Trends in Microbiological and Antibiotic Sensitivity Patterns in Infectious Keratitis: 10 Year Experience in Mexico
Julio Hernández

IS-FR-538/16:00-17:30/Salón de Eventos 1, 2, & 3

The Mystery of Keratoconus

Chair(s): Jorge Alio, Ahmed Elmassry, Theo Seiler

Description: Management of Keratoconus

Guidelines for Management of Keratoconus
Ahmed Elmassry

Nature and Magnitude of the Problem of Keratoconus
Sonia Yoo

Characterization and Diagnostic Tools of Keratoconus
Michael Belin

Corneal Cross Linking as Tool to Manage Keratoconus
Theo Seiler

The Importance of Grading Keratoconus for Good Indication of Intracorneal Ring Segments
Jorge Alio

Role of High Definition Aberrometers in Diagnosis and Treatment of Irregular Cornea
Mohamed Shaﬁk Shaheen
Invited Course

IC-FR-173/ 14:00 - 15:30/ Guadalajara 3

Multidisciplinary Approach in Orbitocraniofacial Conditions- Conditions Requiring ENT, NS, Craniofacial, Maxillofacial, Plastic, Dermatologic Radiologic, Oncologic Input

Chair(s): Antonio Velasco, Hunter Yuen, Christoph Hintschich

Description:
Orbit is a complex structure with the eyeball, nerves, muscles, blood vessels and orbital fat within a small space. A wide variety of diseases may be encountered and various specialists including ophthalmologists, neurosurgeons, ENT surgeons, plastic surgeons, craniofacial or maxillofacial surgeons, dermatologists, oncologists and interventional radiologists may be involved in the orbital surgeries. The symposium will illustrate orbitocraniofacial plastic conditions requiring such multidisciplinary approach.

Combined PET/CT of Orbital Tumors – New Diagnostic Prospective
Christoph Hintschich

Facial Clefting
Don Kikkawa

Management of Faciocraniosynostoses
Antonio Velasco
Idiopathic Congenital Silent Brain Syndrome
Juan Aldecoa

Hybrid Operation for Orbital Venous Malformation
Hunter Kwok Lai Yuen

The Use of 3-D Endoscopy for the Management of Orbital Lesions
Sara Plazola

Use of the Lateral Upper Arm Free Flaps for Soft Tissue Reconstruction of the Contracted Eye Socket
Dong-Mei Li

Craniomaxillofacial Trauma Involving the Periorbital Region - The Nuts and Bolts
Yasser Khan

Case

CA-FR-186/ 10:30 - 12:00/ Guadalajara 8

Surgical Retina-PPV: The Cutting Edge

Chair: Lihteh Wu

Description:
A panel of experts will discuss advanced topics in vitrectomy surgery through an interactive case format presentation.

Round Table Discussion
Maria Berrocal, Audina Berrocal, Mauricio Maia, Virgilio Morales, J. Fernando Arévalo, Hugo Quiroz, Tarek Hassan, Shwu Jiuan Sheu

Debate

DE-FR-188 / 8:30 - 10:00 / Guadalajara 8

Interactive Session

Medical Retina-Updates in AMD and DME

Chair(s): J. Fernando Arévalo, Xiaoxin Li

Debate 1: ICGA Is Needed for the Management of AMD? (ICGA is not needed)
J. Fernando Arévalo

Debate 1: ICGA Is Needed for the Management of AMD? (ICGA is essential)
Fumi Gomi

Debate 2: What Is the Best Anti-VEGF Treatment Regimen for Neovascular AMD? (Treat and Extend)
Mehmet Eldem

Debate 2: What Is the Best Anti-VEGF Treatment Regimen for Neovascular AMD? (As Needed Treatment with Monthly Monitoring)
Xiaoxin Li

Debate 3: What Is the Best First-Line Treatment for DME with Good VA (20/25 or Better)? (Intravitreal Injections)
Voraporn Chaikitmongkol
Debate 3: What is the Best First-Line Treatment for DME with Good VA (20/25 or Better)? (Macular Laser)
Victor Chong

Debate 4: Should Vitrectomy Be Performed for DME without Traction? (Yes)
Marten Brelen

Debate 4: Should Vitrectomy Be Performed for DME without Traction? (No)
Hyeong Gon Yu

DE-FR-116/ 10:30 - 12:00/ Guadalajara 2
Interactive Session
Strabismus – Debate Format
Chair: Sonal Farzavandi, Rosario Gómez, Claudia Elena Murillo
Description:
The objective of the course is to seek the different views from the panel in the management of various types of strabismus and highly controversial surgical techniques. We will focus on basic and advanced skills for diagnosis of strabismus and techniques of different surgical procedures. We will discuss the use of bifocals and surgery in patients with high AC/A ratio, simple versus complex treatment options in Duane’s syndrome, advantages and disadvantages to operate patients during active stage of thyroid myopathy and the benefits and disadvantages of topical anesthesia in strabismus surgery.

Topical Anesthesia for Strabismus Surgery: For Rosario Gómez
Topical Anesthesia for Strabismus Surgery: Against Luis Ospina
Surgery During Active Stage of Thyroid Myopathy: For Claudia Elena Murillo
Surgery During Active Stage of Thyroid Myopathy: Against Sonal Farzavandi
High AC/A Ratio Esotropia- NO Treatment Versus Treatment For Treatment Vincent Paris

High AC/A Ratio Esotropia: NO Treatment Versus Treatment No Treatment Scott Oltisky

Duane’s Syndrome: Simple Versus Complex Treatment Options For Simple Options
Donny Suh
Duane’s Syndrome: Simple Versus Complex Treatment Options Against Simple Options Susana Gamio

DE-FR-187/ 16:00 - 17:30/ Guadalajara 8
Interactive Session
Imaging and Debate
Chair(s): David Huang, Bruno Lumbroso

Dynamic Histopathology – Serial Imaging of Retinal Microvascular Disease Using Adaptive Optics Richard Weitz
OCT Angiography in Diabetic Retinopathy Yali Jia
OCT-Angiography in CNV Treatment Response Bruno Lumbroso
Fundus Auto Fluorescence Is Better than En Face OCT in the Evaluation of Dry AMD: PRO Amani Fawzi
Fundus Auto Fluorescence Is Better than En Face OCT in the Evaluation of Dry AMD: CON Nadia Waheed
OCT-Angiography Will Replace Fluorescein Angiography in Macular Diseases: PRO David Huang
OCT-Angiography Will Replace Fluorescein Angiography in Macular Diseases: CON Marco Rispoli
Invited Symposium

IS-SA-109/ 8:30 - 10:00/ Guadalajara 2

(ESA) Update on Adult Strabismus

Chair(s): Rosario Gómez, Silvia Moguel, John Sloper

Description:
This symposium will give an update on the assessment and management of adult patients with strabismus. Speakers will cover the long term outcomes of strabismus surgery in adults; the orthoptic assessment and management of strabismus in older patients; different surgical approaches for patients with high myopia and different types of motility problems; the assessment and management of strabismus in patients with orbital injuries and the assessment and surgical management of patients with sensory strabismus.

Long term Outcomes of Strabismus Surgery in Adults
Rosario Gómez

Senior Strabismus: An Orthoptist’s View
Chris Timms

Surgery for Strabismus in High Myopia 1
Giovanni Marcon

Surgery for Strabismus in High Myopia 2
Dominique Thouvenin

Management of Strabismus Following Orbital Injuries
Ian Marsh

Management of Sensory Strabismus
John Sloper

IS-SA-125/ 8:30 - 10:00/ Salón Tequila

Advances and New Techniques in Vitreoretinal Surgery

Chair: Virgilio Morales

Instrumentation
Enrique Eng

Panoramic Viewing Systems
Antonio López

Vitrectomy 20G, 23G, 25G and 27G
Armando Sandoval

Illumination Systems
David Chow

Peristaltic vs Venturi Systems
Jesus González

Management of Complications of Vitreoretinal Surgery
Marcos Ávila

IS-SA-1/ 8:30 - 9:15/ Guadalajara 7

Nutrition for vision

Chair(s): John M. Nolan, Stephen Beatty

Description:
Session will cover background and function of macular carotenoids, published clinical trial data in patients with early age related macular degeneration and patients with Alzheimer’s disease. A discussion on clinical use will follow.

Round table discussion: Eduardo Torres, Humberto Ruiz

SE-SA-1/ 9:15 - 10:30/ Guadalajara 7

Special Event: PanAmerican Association of Ophthalmology.

GRADLE LECTURE:

Molecular Clues to Understand Retinal Degenerative Diseases: Novel Neuroprotection Mechanisms

Nicholas G. Bazan
**IS-SA-130/ 8:30 - 10:00/ Guadalajara 8**

**Scope for the Diagnosis and Treatment of Myopia**

Chair(s): Juan Abel Ramírez

Risks of Phacorefractive Surgery in High Myopia  
Renzo Godofredo Canote

Treatment of Myopic Neovascular Membrane  
José Antonio López

Retina Detachment Associated to Myopic Macular Hole  
Jeronimo Nadal

Gigantic Tear in High Myopia  
René Cano

Natural History of High Myopia  
Daniel Vilaplana

Treatment of Myopic Foveoschisis  
Marten Brelen

Structural Evaluation by OCT in High Myopia  
Juan Abel Ramírez

**IS-SA-157/ 8:30 - 10:00/ Salón Tonalá**

**Approach to Orbital Tumors in Children**

Chair(s): Steffen Heegaard, Santosh Honavar, Juan Carlos Juárez

Description:  
The session will give an update on orbital tumours in children. The clinical and paraclinical examinations on these patients will be discussed.  
The newest management of these tumours from the world’s leading cancer centers will be presented.

Image Diagnosis  
Luis Javier Cárdenas

Orbital Tumors in Children: A Histopathological Survey  
Steffen Heegaard

Clinical Diagnosis in Orbital Tumors  
Juan Carlos Juárez

**IS-SA-171/ 8:30 - 10:00/ Calzado I & II**

**ARVO Ocular Infectious Diseases: Cutting Edge Research from the Clinic**

Chair(s): Justine Smith, Steven Yeh

Description:  
This ARVO sponsored symposium will present the latest clinical research in ocular infectious diseases.

Ocular Fluid Diagnostics for Intraocular Infections  
Janet Davis

Cytomegalovirus Anterior Eye Infections  
Shigeru Kinoshita

Molecular Diagnosis of Bacterial and Fungal Ulcers  
Lalitha Prajna

Treatment of Herpetic Eye Infections  
Steven Yeh

**IS-SA-193/ 8:30 - 10:00/ Moda**

**Inherited Diseases Associated with Eye Anomalies**

Chair(s): Rubens Belfort, Michael Hauser, Cristina Villanueva

Description:  
Clinical guidelines for diagnosis of inherited eye diseases and systemic syndromes.

Advances in Gene Therapy in Retinoblastoma  
Patricia Chevez
Ectopia Lentis and Related Diseases  
Vianney Cortés

Mitochondrial Disease and the Eye  
Patrick Yu Wai Man

Co-management in Patients with the Bardet Biedl Syndrome  
Natalio Izquierdo

Gene Specific Retinal Findings in Leber Congénital Amaurosis (LCA)  
Irene Maumenee

High Myopia Syndromes  
Chris Hammond

The Use of Carbonic Anhydrase Inhibitors in the Treatment of X linked Juvenile Retinoschisis  
Elías Traboulsi

**IS-SA-200/ 8:30 - 10:00/ Mueble I & II**

**Evolving Concepts in the Management of Non Infectious Uveitis**

Chair(s): Hyung Woo Kwak, H. Nida Sen, Manfred Zierhut

Description:  
As our understanding of disease mechanisms evolves, approach to ocular inflammatory diseases changes. In this session, new approaches to diagnosis and treatment of uveitis will be discussed.

Primary Vitreoretinal Lymphoma (PVRL); What’s New?  
H. Nida Sen

Anti TNF alpha Drugs in Vveitis: Beyond JIA and Behcet’s Disease  
Elisabetta Miserocchi

Biologics and Macular Edema  
Manfred Zierhut

Role of Ocular Tissue/ Fluid Sampling in Uveitis  
Philip Murray

Optimal Treatment for Anterior Uveitis  
Hyung Woo Kwak

**IS-SA-219/ 8:30 - 10:00/ Salón de Eventos 1**

**Future Role of ICT Advances in Eye Care, Including Impact of M Health**

Chair(s): Robert Chang, Anthony Vipin

Description:  
This session will discuss the latest updates in mobile and web based programs to improve eye care. Participants will receive an overview of the rapidly evolving landscape in healthcare IT and mHealth industry and then receive updates about technologies specific to ophthalmology.

The Use of Mobile Technology to Improve Eyedrop Compliance  
Manishi Desai

3d Printing and Hackathons, Potential for Ophthalmology?  
Robert Chang

Updates in Retinopathy of Prematurity Telehealth Programs  
R. V. Paul Chan

Unified Visual Communications in Ophthalmology  
Giselle Ricur

EyeSmart EMR Making Eye Care Delivery Smarter in the Developing World  
Anthony Vipin

**IS-SA-222/ 8:30 - 10:00/ Salón de Eventos 3**

**Eye Injuries in Children and in Elderly Patients**

Chair(s): Petra Meier, Hugo Ocampo

Description:  
In this session epidemiology, prevention, and strategies of management of eye injuries in children and elderly patient will be discussed.

Epidemiology of Eye Injuries in Children and Elderly Patients  
Arne Viestenz

Prevention of Eye Injuries in Children and Elderly Patients  
Ferenc Kuhn
Current Management of Posterior Segment Trauma in Pediatric Eyes

Petra Meier

Pole to Pole Surgery

Césare Fortini

Considerations for Repairing Open Globe Injuries in Elderly Patients

Wolfgang Schrader

Importance of Management of Corneal Astigmatism After Corneal Laceration in Children and Elderly Patients

Siamak Zarei

Traumatic Cataract in Children. When to Remove?

Arturo Ramírez

Current Strategies for Preventing VRP

Valentina Franco

IS-SA-265/ 8:30 - 10:00/ Guadalajara 3

Orbital, Eyelid and Lacrimal Trauma Tips and Tricks Trauma: Overall Management Protocol, Investigations, Strategies, Techniques, Products, Complications

Chair(s): Rosa Balcells, Xianqun Fan, Gangadhara Sundar

Description:
The session on Tips and Tricks on Orbitofacial Trauma, will have experts from around the globe with expertise in various aspects of orbit, lacrimal, eyelid and facial trauma from both within the oculoplastic speciality and from outside facial plastic surgery, oral and maxillofacial surgery. The experts shall cover various simple and complex topics on various challenging aspects of eyelid trauma (simple and complex lacerations of the eyelid and managing residual deformities of the eyelid and the face), lacrimal trauma (management of primary upper and lower system lacrimal trauma and management of late punctal and canalicular obstructions) and orbital trauma, (reconstructing the orbital strut using anatomic prefabricated plates with pre bending techniques, principles and management of complex orbitofacial reconstruction). The session will be educative and illustrative with both case based and principles based multimedia presentations, followed by an interactive discussion of challenging cases between the audience and the panel experts.

Challenge and Achieving Success in Primary Eyelid Lacerations

Cristina Hidalgo

Managing Residual Deformities of the Eyelid and Face

Michael Grant

Updates on Primary Lacrimal Trauma

Rosa Balcells

Management of Late Lacrimal Deformities

Xianqun Fan

Reconstructing the Orbital Strut Made Easy

Gangadhara Sundar

Orbitofacial Trauma: How Do We Get it Right the First Time?

Alexander Schramm

IS-SA-2938/ 8:30 - 10:00/ Salón Tlaquepaque

Interactive Session

WOC Day of Landmark Advancements (2014–2016) Ocular Oncology and Pathology, Uveitis and Ocular Inflammation, Pediatric Ophthalmology and Strabismus, and Neuroscience and Regenerative Medicine

Chair(s): Rubens Belfort, Emilio Campos

Description:
A review of the progress in ocular oncology and pathology, uveitis and ocular inflammation, pediatric ophthalmology and strabismus, and neuroscience and Regenerative Medicine from 2014–2016.

WOC Landmark Advancements in Ocular Oncology and Pathology

Jasmine Francis

WOC Landmark Advancements in Uveitis and Ocular Inflammation

Rubens Belfort
WOC Landmark Advancements in Pediatrics
Ophthalmology and trabismus
Emilio Campos

WOC Landmark Advancements in Neuroscience and Regenerative Medicine
Masayo Takahashi

IS-SA-349/ 8:30 - 10:00/ Alcade

Anti VEGF Therapy for Retinal Angiogenic Diseases: Evidence Based Update

Chair(s): Jans Fromow, Tien Wong

Description:
This symposium will give an update in the current scientific evidence based knowledge related to the use of anti VEGF agents in different retinal diseases.

Evidence Based Update on Anti VEGF Therapy for Age Related Macular Degeneration
Mauricio Maia

Evidence Based Update on Anti VEGF Therapy for Diabetic Macular Edema
Paul Mitchell

Evidence Based Update on Anti VEGF Therapy for Retinal Vein Occlusion
Víctor Chong

Evidence Based Update on Anti VEGF Therapy for Myopic Macular Degeneration

Evidence Based Update on Anti VEGF Therapy for Polypoidal Choroidal Vasculopathy
Tock Han Lim

Evidence Based Update on Anti VEGF Therapy for Retinopathy of Prematurity
Audina Berrocal

What is Missing from the Evidence for Anti VEGF Therapy for Retinal Angiogenic Diseases
J. Fernando Arévalo

IS-SA-405/ 8:30 - 10:00/ Guadalajara 4

(Dominican Society of Ophthalmology and Spanish Society of Ophthalmology) Surgical Techniques in Corneal Transplantation

Chair(s): José Benítez, Miguel López

Glaucoma Surgery After DSAEK
Francisco Munoz

Femtosecond Laser Use in Keratoplasty
Rafael Barraquer

Different Cross Linking Techniques in Keratoconus
Ricardo Cuiña

Anterior Lamellar Keratoplasty
Joaquín Lora

DSEK Experience at the Bascom Palmer Eye Institute
Juan Francisco Battle

Management, Experience and Results of the Boston Type 1 Keratoprosthesis in the Dominical Republic
Miguel López

IS-SA-513/ 8:30 - 10:00/ Guadalajara 9 & 10

Current Functional and Structural Evaluations for the Early Detection of Glaucoma

Chair(s): Jesús Jiménez-Román, Joel Schuman, Remo Susanna

Description:
This session will present the present status of functional and structural evaluations for glaucoma diagnosis, as well as the correlation between each other. Mention the racial differences and the future in diagnoses methods.

Current Status in Imaging Detection for Glaucoma
Joel Schuman

Optic Nerve Head OCT interpretation
Waleed Tantawy

Correlation Between Functional and Structural Evaluations: RGC Loss
Rafael Castañeda
Future Horizons of Imaging Evaluations for Early Detection
Augusto Paranhos

The importance of Race Dependent Structural Differences for Glaucoma Screening
C. Gustavo De Moraes

Ganglion Cell Complex Analysis in the Diagnosis of Glaucoma
Goji Tomita

**IS-SA-517/ 8:30 - 10:00/ Guadalajara 5**

**Diagnosis, Prevention and Management of Primary and Secondary Ectasia**

Chair(s): Vishal Jhanji, Everardo Hernández

Description:
Diagnosis, prevention and management of primary and secondary ectasia.

The Tragedy of Secondary Ectasia in Modern Era
Gustavo Tamayo

Diagnosis of Post Refractive Surgery Corneal Ectasia
Everardo Hernández

Role of Intracorneal Ring Segments Corneal Ectasia
David Touboul

PRK for High Myopia
Vishal Jhanji

Can We Decently Propose PRK Combined with Flash Crosslinking?
Daniel Epstein

Is Intrastromal Laser Correction Safer Than Photo Ablation?
Simonetta Morselli

**IS-SA-103/ 10:30 - 12:00/ Salón Zapopan**

**Controversies in Neuro Ophthalmology**

Chair(s): Sophia Chung, Ángelina Espino Barros Palau, Lynn Gordon

Description:
This symposium will address some of the most controversial problems in neuro ophthalmology. There is no absolute agreement on how to manage these problems and experts will present all debatable views.

Is There Treatment for Traumatic Optic Neuropathy?
Dean Cestari

Are Neuro imaging Studies Indicated in CN VI Paralysis?
Sophia Chung

Should All Patients with Myasthenia Receive Steroids?
Gordon Plant

Surgical Treatment of Pseudotumor Cerebri
Prem Subramanian

Autoimmune Optic Neuritis
Ellen Shaoying Tan

Are There Any Effective Treatments for LHON?
Patrick Yu Wai Man

**IS-SA-108/ 10:30 - 12:00/ Guadalajara 2**

**(EPOS) Surgical Challenges in Paediatric Ophthalmology, Non Cataract**

Chair(s): Alicia Serra, Marco Antonio Soto, Nikolas Ziakas

Advances and Current Management in Blepharophimosis Syndrome
Artur Klett

Lacrimal Surgery
Marco Antonio Soto

Penetrating Keratoplasty
Gerald Zaidman
Penetrating Keratoplasty
Ken Nischal

Ectopia Lentis
Nikolas Ziakas

Goniotomy
Alicia Serra

Retinoblastoma a Challenge for Pediatric Ophthalmologists in Small Countries
Sandra Valeina

IS-SA-134/ 10:30 - 12:00/ Salón Tequila
Interactive Session
Retinal Imaging in 2016

Chair: Jans Fromow

Description:
This symposium has the aim to present the current advances in some of the most important retina imaging techniques in 2016.

Autofluorescence Practice and Use in 2016
David Rivera

OCT Choroidal Imaging in Retina Clinical Practice
Lihteh Wu

Wide Field OCT in 2016
Hugo Quiroz

OCT Angiography
Humberto Ruiz

Multimodality Retina Imaging Approaches in Retina Diseases
Roberto Gallego

Retina OCT Pearls in the Management of Wet AMD
David Lozano

Retina OCT Pearls in the Management of DME
Juan Abel Ramírez

Combined Retina Imaging Techniques for Specific Pathologies
Michael Engelbert

IS-SA-158/ 10:30 - 12:00/ Joya I & II
Interactive Session
Teaching Ophthalmology to Medical Students and General Doctors: What’s New Around the World?

Chair(s): Zelia Correa, Catherine Green, Juan Verdaguer

Description:
During this session, a variety of strategies for teaching Ophthalmology to medical students and general doctors will be discussed.

The Need to Improve Ophthalmic Education in Medical Schools
Catherine Green

The Pan American Association of Ophthalmology Online Course for Medical Students
Ana Palis

The Use of Mobile Technology for Improving Teaching and Learning
Eduardo Mayorga

Teaching Ophthalmology Examination Skills to Medical Students and General Practitioners
Zelia Correa

Mobile Resources for Teaching Medical Students and General Doctors
Giselle Ricur

Teaching Medical Students in the Clinic
Karl Golnik

Online Teaching of Diabetic Eye Care for General Medical Doctors
Juan Verdaguer
IS-SA-203/ 10:30 - 12:00/ Mueble I & II

(SPEIO) Utility of Imaging Procedure in the Diagnosis and Follow Up of Ocular Inflammation

Chair(s): Lourdes Arellanes, Careen Lowder, Cristina Muccioli

Description:
During this symposium several ophthalmic imaging procedures will be discussed. Their utility in diagnosis and follow up of ocular inflammatory diseases will be discussed.

EDI OCT in the Follow up of VKH
Luz Elena Concha

US Findings and Their Prognostic Implications in the Convalescent Phase of VKH
Rashel Cheja Kalb

Fundus Autofluorescence and OCT Angiography in Uveitis
Careen Lowder

Multiview OCT and Multimodal Imaging in Uveitis
H. Nida Sen

Wide Field Angiography in Uveitis
Francesco Pichi

Final Remarks
Rubens Belfort

IS-SA-220/ 10:30 - 12:00/ Salón de Eventos 1

Socioeconomics of Diabetic Retinopathy: Delivering Sustainable Solutions by Linking Eye Care and Diabetes Services

Chair(s): Nathan Congdon, Nick Kourgialis

Bangladesh as a Model of Collaboration Between Ophthalmology and the National Diabetic Organization to Deliver Sustainable Care for DM and DR
Abu Raihan

Private Service Delivery Models of Diabetes and DR care in India, and How to Make Them Sustainable
(Kim Ramasamy & Dr. Mohan)
Kim Ramasamy

Sustainable Models of DR Care in Latin America
(Fernando Barria and Pablo Aschner)
Fernando Barria

Using Electronic Decision Making to Enhance Patient Self Management for DR as a Model of Sustainable Care in Areas of Limited Resources
(Lesley Podesta and Alicia Jenkins)
Lesley Podesta

Challenges in Linking DR Screening with NHS Diabetes Services in the UK: Sustainable Models of Care in Developed Economies
(Peter Scanlon and David Cavan)
Peter Scanlon

IS-SA-224/ 10:30 - 12:00/ Salón de Eventos 3

Ocular Traumatology: Controversial Issues

Chair(s): José Dalma, Ferenc Kuhn, Arne Viestenz

Description:
Trauma surgery has several controversial issues due to variety of ocular trauma itself. We will discuss the most common ocular trauma controversies and try to address them in a didactic manner.

PVR Prevention: Are Buckles Effective for PVR Prevention?
Ernest Boiko

Timing and Steps of Wound Repair: the 100 Hour Limit
Ferenc Kuhn

Timing and Steps of Wound Repair: 100% Repair, Pole to Pole Surgery
Césare Fortini
Traumatic Endophthalmitis: Prophylaxis and Treatment Strategies  
Gregorio Gabela

Traumatic Endophthalmitis: Oil/Gas and Antibiotics  
Wolfgang Schrader

PVR Prevention: Is Primary Vitrectomy Effective for PVR Prevention?  
Sundaram Natarajan

PVR Prevention: Is Pharmacology Effective for PVR Prevention?  
José Dalma

Are Primary IOL’s the Best Options in Trauma Surgery?  
Arne Viestenz

Emerging Treatments for Adnexal Arterio Venous Malformations  
David Verity

Therapeutic Advances for Orbital Inflammation  
M. Reza Vagefi

**IS-SA-278/ 10:30 - 12:00/ Guadalajara 9 & 10**

**Recent Advances in Normal Tension Glaucoma**

Chair(s): Makoto Araie, Ki Ho Park, Robert Ritch

Description:  
This course covers the recent advances in the epidemiology, risk factors, early detection, long term prognosis, and treatment of NTG. Specifically, the course will provide recent knowledge on sleep apnea, cerebrospinal fluid pressure, lamina cribrosa deformation, and myopia, and their clinical relevance in NTG.

Early Detection and Risk Factors of NTG  
Ki Ho Park

Epidemiology of NTG  
Makoto Araie

Sleep Apnea and NTG  
Robert Ritch

CSF Pressure and NTG  
Ningli Wang

Long Term Prognosis and Surgical Treatment of TG  
Tetsuya Yamamoto

Lamina Cribrosa Deformation and Pathogenesis of NTG  
Tae Woo Kim

Myopia and NTG  
Kazuhisa Sugiyama

**IS-SA-260/ 10:30 - 12:00/ Guadalajara 3**

**From Lab to Lane Research Breakthroughs That Change Our Practice: Laboratory Based Research with Important Translational Implication and Change Our Practice.**

Chair(s): Bita Esmaeli, Ángel Nava, George Saleh

Description:  
Recent advances in the field of ophthalmic plastic surgery and orbit will be discussed to include: new developments in surgical techniques, molecular findings, and multi disciplinary management of Graves disease, orbital tumors, ocular adnexal cancers, orbital inflammatory syndrome and vascular tumors of the orbit, and the use of Botox for hypersecretion of tears.

Botulinum Toxin in the Treatment of Lacrimal Glandular Hypersecretory Disorders  
Ángel Nava

Recent Advances in Orbital and Adnexal Oncology  
Bita Esmaeli

Multi Modality Management of Thyroid Eye Disease: Role of Surgery, Radiation, and Biologics  
Vivian Yin

Emergent Translational Technologies in Oculoplastics  
George Saleh
IS-SA-2922/ 10:30 - 12:00/ Moda

**Artificial Vision**

Chair(s): Marten Brelen, Peter Gabel, Mark Humayun

Argus II Epiretinal Prosthesis
Mark Humayun

Surgical Technique of the Subretinal Implant
Johann Roider

Subretinal Implantation and Functional Results of the Alpha IMS Chip to Restore Vision in 29 Blind Retinitis Pigmentosa Patients
Helmut Sachs

Seoul Artificial Retina Project
Jong Mo John Seo

Preclinical Validation of Visual Restoration Approaches on Non Human Primates
Serge Picaud

The Bionic Vision Australia Suprachoroidal Retinal Prosthesis
Lauren Ayton

The OPTIVIP Project: Restoring Visual Sensation Through Electrical Stimulation of the Optic Nerve
Marten Brelen

C Sight Visual Prosthesis: Current Status Update
Q Ren

Eye Disease
Sally Atherton

WOC Landmark Advancements in Cataract Surgery
Richard Packard

WOC Landmark Advancements in Nanotechnology and Bioengineering
Carlo Montemagno

WOC Landmark Advancements in Refractive Surgery
Peter McDonnell

IS-SA-2931/ 10:30 - 12:00/ Guadalajara 8

(ASRS) Global Retina

Chair: Kourosh Rezaei

Description:
Cutting edge topics in the field of retina will be discussed by a global faculty.

Personalized Medicine in Ocular Oncology: Role of Microincisional Vitrectomy Surgery and Genetic Profiling for Targeted Treatment
Timothy Murray

Pars Plana Vitrectomy with Juxtapapillary Laser Photocoagulation (JLP) Versus Vitrectomy without JLP for the Treatment of Optic Disc Pit Maculopathy
J. Fernando Arévalo

OCT Angiography in Wet AMD
Nadia Waheed

Recent Trends in Epiretinal Membrane Surgery
Kazuaki Kadonosono

Face down Positioning Is Not Necessary for Macular Holes
Ehab El Rayes

Management of Myopic Macular Hole
José García

Diabetic Macular Edema: Direct Comparison of Intravitreal Ranibizumab vs. Dexamethasone Implant
The Natural and Surgical Anatomy of the ILM Implications for Retinal Surgery
Kirk Packo

Pigment Epithelial Detachments Associated with Wet AMD: Features and Management
Patricio Schlottmann

IS-SA-294/ 10:30 - 12:00/ Calzado I & II
(PAAO) Rising Stars in Ophthalmology
Chair(s): Sandra Belalcázar, Ger Rens
Medical and Surgical Management for Conjunctival Tumors
Pedro Salazar

Cataract Refractive Surgery: The Value of the Femtosecond Laser
David Perlmutter

Macular and Retinal Fiber Layer Changes after Pars Plana Vitrectomy and Their Prognostic Factors
Cristina Gabela

Orbital Decompression in Thyroid Associated Orbitopathy
Gerardo Graue

Combined Treatments in the Management of Corneal Ectasia
Alejandro Lichtinger

IS-SA-2940/ 10:30 - 12:00/ Salón de Eventos 7
Learn from the Experts: How to Raise Funds for Your Worthy Causes?
Chair(s): Ahmed Abdulla Ahmed, David Pyott, Babar Qureshi
Description: This symposia is aimed at bringing out best practices from the experts who have made a difference in their areas of work by raising funds to meet the needs of the community. The symposium will provide insight to identifying needs, developing a strategy and then implementing the strategy with high impact outcomes.

Making a Targeted Submission to Potential Donors
David Pyott

Building Credibility, the Foundation for Fundraising
Ahmed Abdulla Ahmed

Warm Up Exercise of Fundraising
Kgao Edward Legodi

High Impact Results Best Leverage to Large Funding
Babar Qureshi

Fundraising for Institutional Building My Experience
Gullapalli Rao

IS-SA-412/ 10:30 - 12:00/ Alcade
The Cornea and Glaucoma: Evidence Based Management of Challenging Clinical Issues
Chair(s): Richard Abbott, José Paczka
Description: This symposium will give an update in the current scientific evidence based knowledge related to the medical and surgical management of Glaucoma and corneal diseases.

The Effect of Ocular Surface Disease on Glaucoma Management
Richard Abbott

Glaucoma After PKP: Incidence, Risk Factors and Management
Paulo Dantas

Risks in Performing Corneal Transplantation in Patients with Glaucoma Shunts
Enrique Graue-Hernández

Developmental Glaucomas of Childhood and the Cornea: Diagnosis and Management
Amel Ouertani

Surgical Management of Refractory Glaucoma after Penetrating Keratoplasty
Juan Rueda
Clinical Implications of Corneal Biomechanics during the Glaucoma Management Process
Jesús Jiménez

Challenging Decision: Refractive Surgery on the Glaucoma Patient
Fabián Lerner

Conclusions
José Paczka

IS-SA-531 10:30 - 12:00/ Guadalajara 5

New Technologies in Refractive Imaging and Corneal Lasers
Chair(s): Béatrice Cochener, Vishal Jhanji

Description:
New Technologies in Refractive Imaging and Corneal Lasers

Intraoperative OCT During LASIK
Vishal Jhanji

High Resolution OCT in Refractive Surgery
Naoyuki Maeda

New Alignment Platforms for Toric IOls Implantation
Catherine Ganem

High resolution OCT in Refractive Surgery
Béatrice Cochener

Evolution of Imaging Guidance in Femtocataract
Roberto Belluci

Confocal Microscopy in Refractive Surgery
Sanjay Patel

SE-SA-2/ 10:30 - 11:15/ Guadalajara 7

Evento Especial Sociedad Mexicana de Oftalmología

Presiden: Francisco Beltrán Díaz de la Vega-Presidente de la Sociedad Mexicana de Oftalmología

Rafael Sánchez Fontán- Vicepresidente del Comité Organizador WOC2016 / XXXIII Congreso Mexicano de Oftalmología

Conferencia Magistral “Dr. Manuel Uribe y Troncoso”

Eduardo Moragrega Adame: El arte de hacer clientela

Presenta: Guillermo Salcedo Casillas

SE-SA-3/ 11:15 - 12:00/ Guadalajara 7

Mesa Redonda Magistral “Dr. Anselmo Fonte Bárcena”

José Luis Tovilla: Oftalmopatía en enfermedad de Graves: enfoque multidisciplinario

Panelistas: Raúl Macedo, Mauricio Turati, Alfio Piva

12:00 - 12:15

Consejo Mexicano de Oftalmología: ceremonia de cambio de mesa directiva

IS-SA-182/ 14:00 - 15:30/ Minerva I y II

(Mexican Society of Ophthalmology and Ecuadorian Society of Ophthalmology)

Most Frequent Causes of Blindness in Our Countries

Chair(s): Francisco Beltrán, Luis Sarrazin

Description:
México and Ecuador are two Latin American countries that have at the same time similarities and differences in postgraduate education, health system regulations,
medical coverage, and eye disease distribution. The joint Symposium has as a main objective, to discuss the data of prevalence of the most important eye diseases that cause blindness in our population, current policies for early detection and treatment, and strategies to improve low vision prevention and care.

Causes of Corneal Blindness in México  
Juan Carlos Ochoa

Corneal Ectasia According to Region and Altitude in Ecuador  
Christian Sancho Pontón

Causes of Glaucoma Blindness in México  
Mauricio Turati

Glaucoma as Cause of Blindness in Ecuador  
Carlos Chacón

Cataract as Cause of Blindness in México  
Erick Mendoza

PLAN VISIÓN: Prevention of Blindness from Cataract in Ecuador  
René Cabrera

Causes of Blindness from Retinal Diseases  
José Luis Rodríguez

Diabetic Retinopathy as a the Main Cause of Blindness from Retinal Diseases in Ecuador  
Mario Pólit Macías

 Causes Blindness Secondary to Inflammatory Diseases of the Eye  
Manuel Garza

Infantile Cataract as a Cause of Severe Visual Disability in Ecuador  
Andrea Molinari

(CLADE) Alternativas terapéuticas en diferentes tipos de estrabismo / Therapeutic Alternatives in Different Types of Strabismus

Moderadores: Arturo Espinosa, Carlos Sousa, María Arroyo

Descripción:
El Consejo Latinoamericano de Estrabismo (CLADE) presenta mediante la modalidad de mesas redondas diferentes estrabismos complejos. Especialistas en estrabismo de América Latina participarán mediante el análisis y la discusión presentando sus alternativas de tratamiento en diferentes tipos de estrabismo. Esta modalidad permite una participación interactiva y crea interesantes debates temáticos. Se presentarán casos clínicos y videos que ayudarán a ejemplificar y enriquecer aún más la discusión sobre las diferentes alternativas de tratamientos.

El Simposio CLADE “50 Aniversario” será de utilidad tanto para el oftalmólogo general como para el oftalmólogo infatil y también para el estrabólogo avanzado.

El participante conocerá las opciones para tratar quirúrgicamente a los pacientes con parálisis del oblicuo superior, las consecuencias de las alternativas de tratamiento y los posibles resultados utilizando las técnicas discutidas por los ponentes, conocerá las diferentes alternativas para tratar a los pacientes con nistagmo, las técnicas y sus posibles resultados y aprenderá a analizar los casos de estrabismo postquirúrgicos, las alternativas para el tratamiento de los mismos y los posibles resultados

Alternativas quirúrgicas para parálisis del oblicuo superior  
Carlos Sousa

Alternativas quirúrgicas para parálisis del oblicuo superior  
Mauro Goldsmith

Alternativas quirúrgicas para parálisis del oblicuo superior  
Raúl Macedo
Alternativas para el tratamiento del nistagmo
Arturo Espinosa-Velasco

Alternativas para el tratamiento del nistagmo
Anselmo Fonte

Alternativas para el tratamiento del nistagmo
Maria Susana Chiapero

El estrabismo postquirúrgico
Maria Arroyo

El estrabismo postquirúrgico
Fernando Prieto

El estrabismo postquirúrgico
Delfina Ortiz

El estrabismo postquirúrgico
Claudia Elena Murillo

**IS-SA-2/ 14:00 - 15:30/ Guadalajara 7**

**Temas controversiales de manejo: retina vs. uvea**

Moderadores: José Luis Rodríguez, Matilde Ruíz

Descripción:
Se presentan mesas de debate con temas y casos clínicos de enfermedades en común de las áreas de retina y uvea, particularmente aquellas donde el manejo médico o quirúrgico sea controversial

Toxoplasmosis ocular. Manejo médico y quirúrgico, caso clínico
Patricia Navarro

Panelistas: Federico Graue, Juan Manuel Jiménez, Carmen Lizana, Renata Garcia, Cynthia Espinoza

Pars planitis. Manejo médico y quirúrgico, caso clínico
José Luis Rodríguez

Panelistas: Miguel Pedroza, René Cano, Luz Elena Concha, Citlali Lara, José Antonio Unzueta

Vasculitis de retina. Manejo médico y quirúrgico, caso clínico
Stephanie Voorduin

Necrosis Retiniana. Manejo médico y quirúrgico, caso clínico
Matilde Ruíz

Panelistas: Luis Porfirio Orozco, Erandi González, Abel Ramirez, Rashel Cheja, Humberto Ruíz

Edema Macular Quístico no diabético crónico. Manejo médico y quirúrgico, caso clínico
Virgilio Morales

Panelistas: Lourdes Arellanes, Alejandro Rodríguez, Gabriela López Carasa, Milton Maldonado, Arturo Santos

**IS-SA-127/ 14:00 - 15:30/ Guadalajara 8**

**Molecular Biology, Genetics and Immunology in Vitreoretinal Diseases**

Chair: Valentina Franco

Human Embryonic Stem Cells for Dry AMD and Stargardts Disease
Steve Schwartz

Advances in Diagnosis and Treatment of Inherited Retinal Diseases
Juan Zenteno

Ocular Albinism and Herman Pudalk Syndrome
Natalio Izquierdo

Molecular Biology of Epiretinal Membranes: Epithelial Mesenchymal Transition in Proliferative Vitreoretinopathy
Ricardo Casaroli

Genetics of Retinoblastoma
Jonathan Kim

Leber Congénital Amaurosis and its Genetic Spectrum
Lucas Fares

Nanoliposomes and Microspheres as Novel Delivery Systems for Intravitreal Therapies
Siamak Zarei-Ghanavati
**IS-SA-143/ 14:00 - 15:30/ Salón Zapopan**

**Basic Clinical Questions in Neuro Ophthalmology**

Chair(s): Thamar Gómez, Satoshi Kashii, Cristian Luco

Description:
This symposium will address the differential diagnosis of several common clinical neuro ophthalmologic scenarios. The speakers will provide answers and management strategies for clinical questions that commonly present to ophthalmologists.

Is the Visual Loss Real or Non Organic?  
*Rashmin Gandhi*

Is it True or Pseudo Optic Disc Edema?  
*Sansal Gedik*

Is the Visual Loss from Maculopathy or Optic Neuropathy?  
*Carmen Chan*

Is The Optic Neuropathy Glaucomatous or Non-Glaucomatous  
*Satoshi Kashii*

Is it Strabismus or Neurogenic Eye Movement Abnormalities?  
*Thamar Gómez*

Should I Worry About this Patient’s Nystagmus?  
*Emely Z. Karam*

**IS-SA-144/ 14:00 - 15:30/ Salón Tequila**

**(The Macula Society) Advances in the Treatment of Neovascular AMD**

Chair(s): *Paul Sternberg, J. Fernando Arévalo*

Introduction to the Symposium: Management of Neovascular Age Related Macular Degeneration  
*Paul Sternberg*

Which Anti VEGF Agent? Evidence from Comparative Effectiveness Trials  
*Liiheth Wu*

Which Anti VEGF Agent? What About Other Evidence?  
*J. Fernando Arévalo*

Which Follow up Regimen? Monthly Monitoring? Treat and Extend?  
*Charles Wykoff*

Prevention and Monitoring Strategies for Neovascular AMD  
*David Callanan*

What about Atrophy when Treating Neovascular AMD?  
*Paul Sternberg*

Future Therapies for Neovascular AMD  
*David Brown*

Case Studies, Summary and Future Directions, Moderator  
*H. Richard McDonald*

Panelist Case Studies, Summary and Future Directions  
*Audina Berrocal, Paul Chan, Francisco Rodriguez, Jorge Arroyo*

Panelists + moderator: *H. Richard McDonald, Audina Berrocal, Paul Chan, Francisco Rodriguez, Jorge Arroyo*

**IS-SA-174/ 14:00 - 15:30/ Guadalajara 4**

**(Cornea Society) Symposium: Dystrophies, Degenerations, and Genetics**

Chair(s): *Friedrich Kruse, Mark Mannis*

Description:
With the advent of more advanced genetic studies, it became obvious that the anatomic / phenotypic classification of corneal dystrophies, while clinically useful, lacked genetic and/or biochemical support. The International Committee for Classification of Corneal Dystrophies (IC3D) published its first update of the dystrophies in 2008 and the IC3D represented a monumental change in our understanding of the genetic makeup of the corneal dystrophies. Many dystrophies thought to be discreet where found to have the same genetic cause, while other dystrophies did not appear to have a true genetic basis.
The Cornea Society sponsored symposium will update the audience on changes to the dystrophy classifications since the 2008 publication. The symposium will stress the most clinically important features and will discuss both medical and surgical management. Because of the often confusing distinction between dystrophies and degenerations, an overview of clinically important degenerations will also be discussed. Finally, the potential future of gene modification will be discussed.

Clinically Important Corneal Degeneration
Marian Macsai

PTK and Deep Lamellar Keratoplasty in Anterior Corneal Dystrophies
Berthold Seitz

Surgical Treatment of Fuchs Endothelial Dystrophy: How & Why it Varies
Woodford VanMeter

Corneal Dystrophies Masquerading as Recurrent Erosion Syndrome
Walter Lisch

Gene Modification: How it May Help the Corneal Dystrophies
Anthony Aldave

Pediatric Corneal Dystrophies
Ken Nischal

IS-S A 202/ 14:00 - 15:30/ Mueble I & II

(IUSG) Evidence Based Management of Uveitis

Chair(s): Debra A. Goldstein, Philip Murray, Manfred Zierhut

Description: The participant will gain insight into the degree of evidence supporting many of our treatment decisions in uveitis, and learn the current treatment paradigms best supported by current evidence.

Advantage and Disadvantage of EBM
Philip Murray

EBM and Ocular Behcets Disease
Manfred Zierhut

Evidence Based Medicine and Ocular Toxoplasmosis
Alejandra De La Torre

Evidence Based Medicine and Vogt Koyanagi Harada disease
Moncef Khairallah

Evidence Based Medicine and JIA Associated Uveitis
Debra A. Goldstein

IS-SA 218/ 14:00 - 15:30/ Salón de Eventos 1

Experiences in Improving Eye Care Services through the WHO Health System Approach

Chair(s): Haroon Awan, Ivo Kocur, Ramachandra Pararajasegaram

Description: This session will showcase the World Health Organisation’s (WHO) health system approach.

Identification of Needs in Eye Care Service Provision by the Health System Approach
Ivo Kocur

Experience from Pakistan: The Critical Benefits of the Health System Approach in Building Improved Eye Care Services
Haroon Awan

Experience from Colombia: Why is the Health System Approach Indispensable for the Development of Integrated Comprehensive Eye Care
Juan Silva

Experience from India: The Role of the Health System Approach for Securing Resources Through Evidence Based Advocacy
Gullapalli Rao

What Works: Lessons Learnt on Integrating Eye Care in the National Health Systems
Serge Resnikoff
IS-SA-288/ 14:00 - 15:30/ Guadalajara 9 & 10

(AGS) Managing Glaucoma in Resource Limited Settings

Chair(s): Syril Dorairaj, Kuldev Singh

Description:
This session will focus on identifying the unique obstacles for efficient and effective care of patients with glaucoma in resource limited settings. Methods to overcome these obstacles will also be discussed including the use of telemedicine and ancillary team members. The future implications of growing demand on eye care professionals will also be discussed with focus on how government agencies can play a part in enhancing access to care and improving outcomes towards reducing blindness from glaucomatous optic neuropathy.

How Should Ancillary Testing Be Used?
Kuldev Singh

How Do Governments Factor Into Care Access?
León Herndon Jr.

What Is The Role Of Telemedicine in Glaucoma Management?
Michael Boland

What Will Be the Global Burden of Glaucoma In the Future?
David Friedman

What Is the Cost of Medical, Laser, and Surgical Therapy For Glaucoma?
Joshua Stein

What Are Models For Glaucoma Care Delivery In Underdeveloped Countries?
Anthony Realini

IS-SA-2926/ 14:00 - 15:30/ Salón Tlaquepaque

Interactive Session

WOC Day of Landmark Advancements (2014-2016) - Glaucoma, Neuro Ophthalmology, Ophthalmic Education and Orbits and Oculoplastics

Chair(s): Santosh Honavar, Robert Weinreb

Description:
A review of the progress in glaucoma, neuro ophthalmology, ophthalmic education, and orbits and oculoplastics from 2014 - 2016.

WOC Landmark Advancements in Glaucoma
Robert Weinreb

WOC Landmark Advancements in Neuro Ophthalmology
Karl Golnik

WOC Landmark Advancements in Ophthalmic Education
Eduardo Mayorga

WOC Landmark Advancements in Orbits and Oculoplastic
Santosh Honavar

IS-SA-2946/ 14:00 - 15:30/ Guadalajara 6

Post Cataract Infectious Endophthalmitis

Chair(s): Tat Keong Chan, Quresh Maskati

Description:
This symposium will give a comprehensive outline of endophthalmitis following cataract surgery. The content consists of 4 broad sections:

1. Risk factors identified from large databases such as the Swedish National Cataract Register.

2. Clinical diagnosis based on common presenting clinical features and differentiating infection from other non infective causes of increased postoperative inflammation.

4. Management aspects including surgical management and counselling of patients and their relatives.

Risk Factors for Endophthalmitis After Cataract Surgery: Perspective from the Swedish National Cataract Register
Mats Lundstrom

Endophthalmitis or TASS? Clinical Approach for the Cataract Surgeon
Tat Keong Chan

Should We Use Intracameral Antibiotics? Evidence and Practice Patterns
David Chang

Why I Don’t Use Intracameral Antibiotic
William Culbertson

Surgical Pearls for the Treatment of Endophthalmitis: A Vitreoretinal Surgeon’s Perspective
Mohan Rajan

Dealing with Grieving and Hostile Patients and Relatives: Tips, Do’s and Don’ts
Quresh Maskati

IS-SA-305/ 14:00 - 15:30/ Calzado I & II

Alternative Therapeutic Modalities in Eye Disease

Chair(s): Jost Jonas, Changwon Kee, Maneli Mozaffarieh

Description:
Many diseases of aging, including the neurodegenerative and conformational disorders, have abnormalities in hemodynamics and cellular dysfunction and senescence. The most important in the eye are macular degeneration, glaucoma and cataract. Gene environment interactions are also important, being influenced by nutrition, exercise, ultraviolet radiation, smoking, and other factors.

Traditional medicine, which has existed in every society throughout history and is being rediscovered as plant sources of new drugs are being discovered in the rapidly disappearing rain forests, and which was most advanced in Chinese and Ayurvedic systems, are potentially effective in benefiting diseases with components of hemodynamics and cellular function, mitochondrial dysfunction, oxidative damage, and inflammation.

Although no neuroprotective pharmaceutical agents have yet been proven to benefit eye diseases, many available natural compounds have actions which may do so.

This symposium includes coverage of three highly important supplements: curcumin, Ginkgo biloba extract, and omega 3 fatty acids, in addition to current knowledge of the roles of diet, exercise, and acupuncture. The possibility of improving vision through electric current stimulation will be addressed.

The Role of Acupuncture in Eye Disease
Deepinder Dhaliwal

Diet and Eye Disease: Implications for Gene Environment Interactions
Johanna Seddon

The Role of Curcumin in Eye Disease
Makoto Araie

The Role of Ginkgo Biloba Extract in Eye Disease
Maneli Mozaffarieh

Omega 3 Fatty Acids and Eye Disease
Sandra Fernando Sieminski
Are Exercise and Meditation Good for Eye Disease?
Joséph Panarelli

Vision Restoration and Visual Field Improvement
Raimund Alber

**IS-SA-338/ 14:00 - 15:30/ Guadalajara 3**

(ASOPRS) New Surgical Approaches in Oculoplastics

Chair(s): Wendy Lee, Marcus Marcet

Description:
The aim of the session is to expand the field of interest of ophthalmologists beyond the upper and lower eyelids, and offering new concepts beside traditional excisional surgery. The session will focus on approaching the center of the face as a single aesthetic unit that can be approached as such or can be divided in its sub units. The role of fillers and fat grafting will be extensively explained and various techniques of face lifting will be presented. At the end of the session the participants will have an extensive knowledge of the most updated concepts of facial aging, with volume loss and tissue descent and will be able to recognize where and when a facial filler or fat grafting will be indicated. The session starts with two talks on face lifting, the first a basic talk on how to address the lower face and the neck and the second the endoscopic approach to the upper face. The modern indications on how to achieve superior results in the sub units of the lower eyelid/cheek and upper eyelid/eyebrow are subsequently proposed; filling the face with modern fillers and/or fat grafting close the aesthetic part, while the final lecture will describe how to avoid and to address complications originating from previous aesthetic procedures.

Update on Lasers in Oculoplastic Surgery
Wendy Lee

Lateral Upper Lid Crease Approach to the Canthus, Midface and Beyond
Tanuj Nakra

Surgical Techniques for Correction of Lower Eyelid Entropion
Chris Alabiad

Evolution and Advances in Posterior Approach Eyelid Surgery
Marcus Marcet

Orbitofacial Osseointegration: Lessons Learned
Cat Burkat

Novel Approaches to Deep Orbital Tumors
Edward Wladis

Techniques in Lacrimal Surgery
Sara Wester

**IS-SA-351/ 14:00 - 15:30/ Alcade**

Evidence based Medicine in Strabismus and Pediatric Ophthalmology

Chair(s): Jan Tjeerd De Faber

Description:
In this symposium an overview of the current evidence for medical treatment is revealed. The impressive lack of evidence based medicine in the pediatric ophthalmology and strabismus is a hurdle which needs to climb in the daily practice but is also lowered by basic and clinical research.

EMB in Orthoptics
Daisy Godts

EMB in Anterior Segment Anomaly Treatment
Travis Pollock

Amblyopia: A PEDIG perspective
Jonathan Holmes

EMB in the Daily Practice of a Pediatric Ophthalmologist
Frank Martin

EMB in Pediatric Cataracts What Can We Learn from the IATS?
Edward Wilson

Evidence Based Medicine in Strabismus Surgery
Marcelo Gaal Vadas
IS-SA-494/ 14:00 - 15:30/ Moda

(ARVO) Ophthalmic Research: Understanding the Basics

Chair(s): Bertil Damato, Tero Kivela

Description: This session will provide an overview of the “do’s and don’ts” for those early (and middle) career scientists and academic clinicians involved in organizing research projects for undergraduate and postgraduate degrees, in establishing their own research groups, and in writing papers and grants. The speakers are all experienced in supervising students, in writing scientific peer reviewed papers, and play significant roles in the editorial process of journals. The symposium attendee is certain to come away with valuable ‘tips and tricks’, improving their future success in the above areas.

The Essentials of Research Study Design
Steffen Heegaard

The ‘Ins and Outs’ of Grant Writing
Sarah Coupland

Five Things Never to do When Publishing a Paper
Tero Kivela

The ‘Ins and Outs’ of English Scientific Language
Bertil Damato

What is the Journal Reviewal Process?
Arun Singh

Phakic IOLs Complications, How to Prevent
Gerard Sutton

Unsatisfied Patients after Presbyopia Surgery
Roberto Belluci

The Role of Mitomycin C in Surface Laser Treatments
Parag Majmudar

Infectious Keratitis after Corneal Refractive Procedures
Nada Jabbur

IS-SA-110/ 16:00 - 17:30/ Guadalajara 2

(IPOSC) Innovations in Planning and Performing Pediatric Cataract Surgery

Chair(s): Sherwin Isenberg, Nikolas Kozeis, Derek Sprunger

Description: Overview: Cataract surgery for a child is not simply adult cataract surgery on a smaller eye. Many considerations, from pre operative to the procedure and beyond, are unique to the pediatric population. With an international approach, this symposium will lead the participant through the challenging pre, intra and post operative decision making steps for this truly special group of patients.

Epidemiology and Pre & Post Operative Considerations for Cataract Surgery
Sherwin Isenberg

How Do We Determine if a Cataract Is Visually Significant?
José Pérez

When and How to Work up a Pediatric Cataract
Nikolas Kozeis

When Should the Surgeon Consider an Intraocular Lens?
Edward Wilson

IS-SA-521/ 14:00 - 15:30/ Guadalajara 5

Management of Complications of Refractive Surgery

Chair(s): Nada Jabbur, Gerard Sutton

Description: Complications of refractive surgery.

Prevention and Management of Complications in SMILE
Simonetta Morselli

Ocular Surface Dryness after Refractive Surgery
Béatrice Cochener

Phakic IOLs Complications, How to Prevent
Gerard Sutton

Unsatisfied Patients after Presbyopia Surgery
Roberto Belluci

The Role of Mitomycin C in Surface Laser Treatments
Parag Majmudar

Infectious Keratitis after Corneal Refractive Procedures
Nada Jabbur
Surgery in Special Situations: Uveitis, Subluxation, Rubella and More
Kalpana Narendran

Missing the Bag, the Artisan Solution
Jan Tjeerd De Faber

Secondary IOLs: When and How
Abhay Vasavada

Post Operative Worries: Glaucoma, Amblyopia, Strabismus and More
Derek Sprunger

IS-SA-124/ 16:00 - 17:30/ Salón Tequila

Interactive Session

Controversies in the Management of Complications of Diabetic Retinopathy

Chair(s): René Cano

Macular Grid vs Micropulse Laser for DME
Gerardo García

Laser vs Injections
Francisco Rodríguez

Vitreous Surgery for DME (Tractional and Non Tractional)
René Cano

Preoperative Avastin in PDR Surgery, Do We Need it?
Manuel Sáenz

Unimanual vs Bimanual Surgery for Complicated PDR
Juan Abel Ramírez

Combined Phaco Vitrectomy in Diabetic Patients, Pros and Cons
Julio Urretz

Swept Source OCT and Subumbral Laser Treatment in DME
David Pelayes

IS-SA-3/ 16:00 - 17:30/ Guadalajara 7

Cuando la oftalmología pediátrica y el estrabismo coinciden

Moderadores: Ángela María Fernández, Víctor Villar, Federico Vélez, Mario Nájera, Raúl Macedo

Descripción:
Muchas de las alteraciones oftalmológicas del paciente pediátrico tienen como asociación o complicación el desarrollo de estrabismo que requiere de un manejo particular dependiendo del origen.
Se analiza el abordaje integral de pacientes con síndrome de Down, catarata congénita, complicaciones estrabológicas del tratamiento del glaucoma infantil estrabismo en las malformaciones craneofaciales y alteraciones neurológicas más frecuentes.

Alteraciones corneales en síndrome de Down.
Diana Varón

Características clínicas del estrabismo en el síndrome de Down.
Ma. Estela Arroyo

Panelistas: Ma. Estela Arroyo, Diana Varón, Andrea Molinari.

Rehabilitación del paciente con catarata congénita.
Vanessa Bosh.

Estrabismo y catarata congénita, características clínicas y tratamiento
Jessica Vargas

Panelistas: Vanessa Bosh, Jessica Vargas, José Fernando Pérez

Glaucoma congénito: Diagnóstico actual.
Enriqueta Hoffman

Estrabismo secundario a implantes válvula.
Gerardo García Guzmán.

Panelistas: Óscar Albis, Gerardo García, Enriqueta Hoffman

Proptosis y malformaciones craneofaciales en el recién nacido.
Juan Carlos Juárez
Manejo del estrabismo en craneosinostosis.
Tzilacatzin Hernández

Panelistas: Juan Carlos Juárez, Tzilacatzin Hernández, Claudia Hernández

Lo que debo conocer en neuro oftalmología infantil.
Irene Olhovich

Manejo del estrabismo en parálisis cerebral infantil
Alejandra Aguilar

Panelistas: Irene Olhovich, Alejandra Aguilar, Martín Gallegos Duarte

**IS-SA-132/ 16:00 - 17:30/ Guadalajara 8**

**Antiangiogenics and Macular Edema**

Chair(s): Enrique Roig

General Pathophysiology of Macular Edema
Humberto Ruiz García

Advances in Treatment of Diabetic Macular Edema and the Relevance of the Patient’s Profile in the Safety of the Treatment
Juan Manuel Jiménez

Avastin in DME
Sergio Bonafonte

Lucentis in DME
Patricio Schlottmann

Aflibercept in DME
Víctor González

Combined Therapies and Controversies in Maintained Efficacy Long Term Between Antiangiogenics
Arturo Santos

Pharmacotherapy in Development for DME
Quan Nguyen

**IS-SA-201/ 16:00 - 17:30/ Mueble I & II**

**New Developments in the Diagnosis and Management of Infectious Uveitis**

Chair(s): Moncef Khairallah, Claudia Recillas, Shwu Jiuan Sheu

Description:
In this session the recent advances in the diagnosis and management of infectious uveitis will be discussed. The topics cover a full range of pathogens, including ocular tuberculosis, Klebsiella pneumoniae endophthalmitis, ocular toxoplasmosis, intraocular infection in HIV patients and emerging arthropod borne disease. Challenging cases will be included so that the audiences can understand more and incorporate into real world practice.

Recent Advances in Diagnosis and Management of Ocular Tuberculosis
Kalpana Murthy

Recent Advances in Diagnosis and Management of Klebsiella Pneumoniae Endophthalmitis
Shwu Jiuan Sheu

Recent Advances in Ocular Toxoplasmosis
Rubens Belfort

Recent Advances for the Diagnosis of Intraocular Infections in HIV Patients
Matilde Ruíz

Recent Advances in Diagnosis and Management of Emerging Arthropod Borne Diseases
Moncef Khairallah

**IS-SA-208/ 16:00 - 17:30/ Guadalajara 9 & 10**

(CG5) Imaging of the Optic Nerve and Retina in sification: What’s New and What’s Clinically Relevant?

Chair(s): Neeru Gupta, Paul Harasymowycz, Marcelo Nicolela

Description:
In this session, participants will be gain practical knowledge regarding the use of OCT imaging in clinical practice that should enhance the care they offer for
their glaucoma patients. Topics will include RNFL as well as ganglion cell imaging using several currently available OCT devices, and will touch on both glaucoma diagnosis as well as glaucoma progression. Several practical clinical cases will be presented as well.

What is New in RNFL Imaging?
Devesh Varma

What is New in Macular Imaging?
Hady Saheb

How Do I Use Imaging to Help Me Diagnose Glaucoma?
Andrew Crichton

How Do I Use Imaging to Help Me Monitor Glaucoma?
Marcelo Nicolela

Practical Approach: Discussion of Clinical Cases
Catherine Birt

**IS-SA-217/ 16:00 - 17:30/ Salón de Eventos 1**

**Integrating School Eye Health, Low Vision and Rehabilitation into Eye Care Programs**

Chair(s): Jill Keeffe, Hassan Minto

Amblyopia Detection and Management in Low income and Rural Schools
Liliana Laurencio

Health Care Services to Detect Vision Problems in Preschool Age Children
Frank Martin

Vision Champions: Child to Child Detection of Vision Problems
Hassan Minto

Evidence based approaches in Myopia Control
Mingguang He

The Education Vision Assessment Clinic to Recommend Services for Children with Low Vision or Blind
Jill Keeffe

Addressing Low Vision in Education and Rehabilitation
Vanessa Bosch

**IS-SA-2613/ 16:00 - 17:30/ Guadalajara 3**

**Broadening Our Scope: Advanced Facial Aesthetic Surgery**

Chair(s): Tanuj Nakra, Ana Rosa Pimentel, Vinod Gauba

Basics of Lower Face and Neck Lifting
Tanuj Nakra

Aesthetics of the Lower Eyelid Cheek Junction
Ana Rosa Pimentel

Injectable Facial Implants
Sabrina Shah Desai

Rejuvenation of the Upper Eyelid Brow Aesthetic Unit
Vinod Gauba

Autologous Fat Transfer and Periorbital Surgery
Sean Blaydon

Addressing Complications of Cosmetic Blepharoplasty
Ronald Mancini

**IS-SA-2918/ 16:00 - 17:30/ Alcade**

**Medical Malpractice Systems Around the Globe: A Comparative Overview**

Chair(s): Sally Atherton, Kenneth Larywon, Robert Ritch

Description:
The symposium will explore medical malpractice law in each speaker’s country, with topics including, but not limited to, the legal basis for malpractice actions, whether these cases are presented before a judge/jury, and caps on awards against physicians and hospitals. Additionally, speakers will discuss current trends in the speakers’ host country, such as the types of cases being brought against ophthalmologists.

Medical Malpractice in India
Sunil Moreker

Medical Malpractice in Japan
Kenji Minemura

Medical Malpractice in New York/USA
Kenneth Larywon
Medical Malpractice in California/USA
Patrick Kearns

Medical Malpractice in México
Jorge Pérez

**IS-SA-2925/ 16:00 - 17:30/ Salón de Eventos 3**

(Pan American Ocular Pathology Society “Lorenz E. Zimmerman”) Current Topics in Intraocular Tumors

Chair(s): Miguel Burnier, Patricia Chevez, Abelardo Rodríguez

- Retinoblastoma
  Patricia Chevez

- Leiomyoma of the Ciliary Body
  Dolores Ríos

- Uveal Melanoma
  Miguel Burnier

- Ocular Metastases
  Ivette Hernández

- Fine Needle Aspiration Biopsy of Suspected Intraocular Tumors
  Zelia Correa

- Uveal Pseudomelanoma
  Abelardo Rodríguez

- Melanocytoma of the Ciliary Body
  J. Antonio Bermúdez

**IS-SA-2928/ 16:00 - 17:30/ Guadalajara 5**

(Portuguese Society of Ophthalmology and Brazilian Council of Ophthalmology) Astigmatism: How to Correct?

Chair(s): Mauro Nishi, Maria Joao Quadrado

Description: Anterior segment specialists from Portugal and Brazil will be presenting different strategies dealing with astigmatism correction.

- Total Correction of Astigmatism Is Always Beneficial?
  Mauro Nishi

- Pre operative Evaluation and Toricity
  Filomena Ribeiro

- Screening for Ectasia and the Percentage of Tissue Altered
  Marcony Santhiago

- Topo Guided Ablations for Irregular Astigmatism
  Maria Joao Quadrado

- Influence of Astigmatism for Multifocal IOLs
  Marco Rey

- Toric IOL’s
  Miguel Trigo

- Toric IOLs Positioning in 2016
  Gustavo Victor

- Correction of High Astigmatism by Femtosecond Laser
  Antonio Limao

**IS-SA-293/ 16:00 - 17:30/ Calzado I & II**

Eye Care Personnel and Training: Essential to Effective Eye Care

Chair(s): Lynn Anderson, Karl Golnik

Description: This course will address expanding human resources through educational and training initiatives for the eye care team. Presenters representing various international organizations will give insight into their regions’ educational models and best practices to train the eye care team.

- Keys to Developing Successful Educational Programs for the Eye Care Team
  Lynn Anderson

- Implementation of Training and Continuing Education for Technicians
  Carlos Restrepo

- Best Practices in Training an Effective Eye Care Team
  Eydie Miller
Trinidad and the Caribbean Successes in Training Technicians
Sonja Johnston

Critical Components for Expanding Human Capacity: An International Perspective
Karl Golnik

IS-SA-2939/ 16:00 - 17:30/ Salón Tlaquepaque
Interactive Session

WOC Day of Landmark Advancements (2014–2016) Medical Retina, Surgical Retina, Ocular Imaging, and Ocular Genetics

Chair(s): J. Fernando Arévalo, Marco Zarbin

Description: A review of the progress in Medical Retina, Surgical Retina, Ocular Imaging, and Ocular Genetics from 2014-2016.

WOC Landmark Advancements in Medical Retina
Marco Zarbin

WOC Landmark Advancements in Surgical Retina
J. Fernando Arévalo

WOC Landmark Advancements in Ocular Imaging
David Huang

WOC Landmark Advancements in Ocular Genetics
Tin Aung

IS-SA-2941/ 16:00 - 17:30/ Joya I & II

(ARVO) Worldwide Advocacy for Eye Research: What you can learn from the ARVO Chapters

Chair(s): Juan Gallo, Martine Jager, Gullapalli Rao

Description: The Association for Research in Vision and Ophthalmology (ARVO) is the largest eye research organisation worldwide, and has as one of its goals to stimulate eye research in different parts of the world. ARVO now has many local Chapters, each of which promote eye research in their own country in their own way. In this session, experienced researchers will share their approach on how to: obtain research money, bring people together, and inform the public about new developments in eye research. Researchers will include the leaders of the chapters of ARVO Egypt, ARVO NED, BRAVO, SEE ARVO and ARVO INDÍA, among others.

ISVER: Stimulating Research From the Start
Jacob Pe’er

SEE ARVO: Research in South East Europe
Petja Vassileva

HARVO: Research and Blindness Prevention
Janos Nemeth

AIVO: Clinic and Research
Juan Gallo

ARVONED: How To Start Raising Money
Martine Jager

ARVO EGYPT: Starting a New Chapter
Abdallah Hassouna

CARVO: Research in Colombia
Carlos Medina

MARVO: Research in Host Country México
Jans Fromow

IT ARVO: How To Stimulate Research
Filippo Drago

IS-SA-355/ 16:00 - 17:30/ Guadalajara 6

Combined Astigmatism Correction with Phaco

Chair: Marie-José Tassignon

Description: Corneal astigmatism correction is one of the most important acts to improve patient’s unaided visual acuity. This symposium will address the different issues regarding correction of correct corneal astigmatism. The corneal plane seems to be the most natural approach. Providing certain rules are respected, the lenticular plane can be as effective than the corneal plane to correct corneal astigmatism during cataract
Indications and Techniques for Correction of Astigmatism at the Corneal Plane
Jesper Hjortdal

Wavefront Guided Laser in Situ Keratomyleusis for Primary or Secondary Correction of Corneal Astigmatism
Nada Jabbur

Corneal, Lenticular, Total Astigmatism
Béatrice Cochener

Toric Bag in the Lens Concept
Marie-José Tassignon

The Preoperative Measurement of Corneal Astigmatism
Warren Hill

Changing Definition of Corneal Astigmatism
Tommy CY Chan

Invited Course

IC-SA-141/ 8:30 - 10:00/ Salón Zapopan

Pediatric Neuro Ophthalmology

Chair(s): Graciela Garcia, Karl Golnik, Pinar Aydin

Description:
This session will address various topics of importance in the diagnosis and management of children that may be seen by comprehensive ophthalmologists as well as specialists in pediatric ophthalmology and/or neuro ophthalmology. Experts in the field will provide practical state of the art guidelines based on latest evidence.

Cerebral Visual Impairment and How it Affects the RNFL
Lena Jacobson

Intracranial Hypertension in Children
Ariadna Silva

Infantile Nystagmus Syndromes
Grisel González

What is Infantile Nystagmus? Non organic Visual Loss in Children
Karl Golnik

Myasthenia Gravis in Children
Graciela García

Update on Phakomatoses
Cristian F. Luco

IC-SA-178/ 10:30 - 12:00/ Salón Tonalá

(SOE) Update on Uveal Melanoma

Chair(s): Tero Kivela, Jacob Pe’er, Stefan Seregard

Description:
There is wide range of diagnostic and therapeutic options for uveal melanoma. This session is dedicated to issues that will play a significant role in management of this entity. Strength and weaknesses compared to other approaches will be emphasized as well as likely developments in the near future.

Surgical Management of Large Uveal Melanomas
Norbert Bornfeld

An Introduction to the World of Uveal Melanoma
Stefan Seregard

Results from Transcleral Biopsies of Uveal Melanoma
Laurence Desjardins

Managing Small Uveal Melanomas
Tero Kivela

Adjuvant Anti VEGF Agents in the Management of Uveal Melanoma
Leónidas Zografos

Endoresection after Proton Beam Radiotherapy for Uveal Melanoma
Nathalie Cassoux

The Search for Serum Biomarkers for Metastatic Uveal Melanoma
Jacob Pe’er

Patient reported Outcomes after Treatment of Uveal Melanoma
Bertil Damato
IC-SA-162/ 14:00 - 15:30/ Joya I & II

**Interactive Session**

**Preparing A Good Multiple Choice Question Exam For Your Students**

Chair(s): Clare Davey, Simon Keightley, María Yadarola

Description:
This workshop will demonstrate the current ICO examinations and will guide delegates to construct effective single best answer multiple choice questions.

Preparin A Good Multiple Choice Question Exam For Your Students 1
Simon Keightley

Preparin A Good Multiple Choice Question Exam For Your Students 2
Maria Yadarola

Preparin A Good Multiple Choice Question Exam For Your Students 3
Clare Davey

Preparin A Good Multiple Choice Question Exam For Your Students 4
Richard Bowman

Preparin A Good Multiple Choice Question Exam For Your Students 5
Luis Amaya

IC-SA-433/ 14:00 - 15:30/ Salón de Eventos 3

**Infectious Keratitis**

Chair(s): Eduardo Alfonso, Enrique Graue-Hermández, Ana Luisa Hofling

Description:
This session will address all the topics related to infectious keratitis. Top leaders in the field will talk about the latest evidence to treat this potentially devastating disease. Focus will be made on new ways of diagnosing as well as the latest updates on treatment options.

Introduction and Update on Fungal Keratitis
Eduardo Alfonso

Best Treatment for Bacterial Keratitis
Ana Luisa Hofling

What is New in Viral Keratitis
Enrique Graue-Hermández

Prevention of Keratitis (Lasik, Kpro, Corneal Transplants)
Luis Izquierdo Jr

How Do I Manage Culture Negative Keratitis?
Guillermo Amescua

The Future of the Microbiology Laboratory in Diagnosing Microbial Keratitis
Pablo Goldschmidt

Summary of Infectious Keratitis and Questions for the Future
Richard Abbott

IC-SA-155/ 16:00 - 17:30/ Salón Tonalá

**What Systemic Malignancies Can Do to the Eye, Orbit and Adnexa and How to Take Action Against Them**

Chair(s): Raquel Sánchez, Bita Esmaeli, Christine Nelson

Description:
In this course, diagnosis and treatment of local manifestations of systemic cancer in the eye, the orbit and ocular adnexa will be presented. In addition, the role of the ophthalmologist in the primary diagnosis of systemic neoplasia and its various forms of ocular involvement will be discussed.

Epidemiology and Diagnosis of Intraocular Metastasis
Miguel Materin

Orbital and Ocular Adnexal Manifestations of Cancer and Cancer Treatment
Vivian Yin

Rational Approach to Management of Orbital and Adnexal Metastasis
Bita Esmaeli

Treatment Options of Intraocular Metastases
Bertil Damato
Effect of Systemic Malignancies on the Eye  
Amy Schlefer

**IC-SA-2892/ 16:00 - 17:30/ Moda**

**Clinical and Translational Research in Ocular Immunology**

Chair(s): Luz Elena Concha, María C. Jiménez, Stephanie Voorduin

Description:
To share our experiences in basic science, clinical science and translational research in the field of ocular immunology.

Immunological Advances in Ocular Allergy  
Alberto Salazar

Immunomodulation of Allergic Rhinoconjunctivitis: Impact in the Quality of Life  
Toni Homberg von Thaden

Trends in Uveitis: From Basic Science to Clinical Research  
Atzin Robles

HLA and Ocular Inflammation: Twenty Years of Experience  
Luz Elena Concha

Stress Cytokines and Disease Activity in Patients with Anterior Uveitis  
Stephanie Voorduin

Molecular Biomarkers and Ocular Infectious Diseases  
Héctor Pérez

Clinical Characteristics of Patients with Infectious Corneal Ulcers: Looking for Systemic and Local Immunological Biomarkers  
Concepción Santacruz

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**Case**

**CA-SA-2958/ 8:30 - 10:00/ Guadalajara 6**

**Interactive Session**

**Complicated Phaco Cases: My Top 5 Pearls**

Chair(s): David Chang, Eduardo Chávez

Description:
Invited faculty each speak for 7 minutes on a practical topic relating to challenging cases or complications. Each speaker will present their “Top 5 Pearls” for dealing with that situation. Instead of a traditional didactic talk*, the speakers will present 5 key take-home points as concisely as possible. Panelists will then add their additional pearls. Each rapid fire 7-minute talk is followed by 5 minutes of panel discussion and audience response polling.

Posterior Polar Cataract  
Abhay Vasavada

IFIS / Small Pupil  
Boris Malyugin

Pseudoexfoliation / Weak Zonules  
Alan Crandall

Phaco with Glaucoma  
Kuldev Singh

Rock Hard Lens  
Ramamurthy Dandapani

Avoiding Femtosecond Laser Complications  
Gerard Sutton

Vitreous Loss – Anterior Vitrectomy  
Susan MacDonald

Panelists: Ike Ahmed, Richard Packard, Deepinder Dhaliwal, L. Felipe Vejarano

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**CA-SA-319/ 10:30 - 12:00/ Guadalajara 6**

**IOL Complications**

Chair(s): Kevin Miller, Abhay Vasavada
Description:
This course will describe the management of different intraoperative and postoperative IOL related complications like IOL malpositioning, problems with multifocal and Toric IOL’S, late IOL dislocation etc.

Effective clinical and surgical pearls will be discussed in this video based course by experts from around the world.

Late Bag – IOL Dislocation
Iqbal Ike Ahmed

Bag Fixation of IOL with Posterior Capsule Rupture
Abhay Vasavada

The Pre operative Measurement of Astigmatism for the Toric IOL
Warren Hill

Dealing with Toric IOL Misalignment
Kevin Miller

The Enigma and Pseudophakic Dysphotopsia
Samuel Masket

Current IOLs: Do They Come with a Lifetime Guarantee?
George Beiko

Indications and Technique of Anterior Chamber Intraocular Lens Implantation in th 21st Century
Zsolt Biro

Swollen Shut with a Headache
Lynn Gordon

A Toothache that Wouldn’t Go Away
Prem Subramanian

Hypnagogic and Hypnapompic Transient Monocular Visual Loss
Gordon Plan

Scaling the Mount
Rashmin Gandhi

It Looks Like... But It’s Not
Aki Kawasaki

Debate

DE-SA-2954/ 10:30 - 12:00/ Guadalajara 4

Lamellar Transplantation: State of the Art

Chair(s): Eduardo Arenas, Jorge Domene, Sadeer Hannush

Description:
This session will provide corneal surgeons an overview and update of all the different corneal lamellar surgical techniques.

Science Behind DMEK
Friedrich Kruse

Shorten the DMEK Learning Curve
Sadeer Hannush

Big bubble DALK
Sheraz Daya

Femtosencond Assisted Lamellar Surgery
Sonia Yoo

Cell Injection Therapy Using Cultivated Corneal Endothelial Cells
Shigeru Kinoshita

Interactive Session

Challenging Cases in NeuroOphthalmology

Chair(s): Carmen Chan, Manuel Escanio Cortés, Gordon Plant

Description:
In this symposium, six ‘mystery’ neuro ophthalmic cases will be presented. These posed particular diagnostic and/or management challenges for the clinicians. Hopefully they should also stimulate thinking and discussions for both general and neuro ophthalmologists.

Parkinsonitis
Peter Quiros
Saturday, February 6th

DE-SA-2942/ 16:00 - 17:30/ Guadalajara 4

DMEK Techniques: A Global Perspective!

Chair(s): Guillermo Amescua, Nicolás Césario

Description:
This session will provide corneal surgeons an overview of different surgical DMEK techniques from surgeons from different parts of the world.

Transition from DSAEK to DMEK: Experience from a Tertiary Care Eye Hospital in México City
Victor Boullosa

DMEK: How to Improve Outcomes
Nicolás Césario Pereira

The Wills Eye Hospital DMEK Experience
Sadeer Hannush

DMEK Experience at Kanazawa University
Akira Kobayashi

DMEK in Challenging Cases: The NIIOS Experience
Lamis Baydoun

Instruction Course

INS-SA-21/ 9:15 – 10:30/ Guadalajara 1

Tamiz ocular en recién nacidos a término: importancia, indicaciones, como realizarlo

Instructores: Juan Carlos Juárez, José Fernando Pérez, Carla Rodríguez, Luis Javier Cárdenas, Pedro Acevedo, Martha Rangel, Juan Homar Páez

Descripción:
Las alteraciones oculares en recién nacidos a término pueden presentarse en cualquier estructura (párpados, segmento anterior, fondo de ojo) y su frecuencia se reporta hasta en un 25% de riesgo. Estas alteraciones pueden poner en riesgo la función visual, relacionarse con enfermedades sistémicas (TORCH, alteraciones del nervio óptico) o hasta amenazar la vida (retinoblastoma). Su diagnóstico temprano es la diferencia para tener un tratamiento oportuno y mejor pronóstico. En el curso se propondrán los estándares para realizar el tamiz en forma adecuada, el equipo disponible y su factibilidad de establecerlo como norma internacional para beneficio de los niños.

INS-SA-2421/ 8:30 - 10:00/ Salón de Eventos 2

Endothelial Keratoplasty: Manual DSEK and Automated DSEK Made Simple for the Beginners

Course Instructor(s): Samar Basak, Anthony Aldave, Namrata Sharma, Jeewan Titiyal

Description:
Cataract surgery rate (CSR) in Developing world has increased to nearly 5000/million/year with more incidence of pseudophakic corneal edema/ bullous keratopathy. We also see large number of Fuchs' dystrophy cases, because of better diagnostic tools. So, we have to do lots of endothelial keratoplasty.

This video assisted instruction course will highlight various types of Endothelial Keratoplasty (EK) in depth. It includes both manual and automated donor dissection; Descemet scoring and stripping; donor insertion techniques, etc. It will also deal with case selections; indications, contraindications, complications with their management and long term graft survival. Learning curve and pearls of Descemet membrane endothelial keratoplasty (DMEK) will also be covered at the end.
INS-SA-1614/ 8:30 - 10:00/ Salón de Eventos 4

**Herpes: Evaluación actual de una enfermedad histórica**

Instructores: Rafael Paz, Edna Ángel, Francisco Beltrán, Juan Curiel

Descripción:
Al concluir el curso los asistentes serán capaces de diagnosticar formas comunes e inusuales de queratitis por herpes, formular un adecuado plan de manejo basado en la fisiopatología y las manifestaciones clínicas y tener un entendimiento general de las modalidades de tratamiento.

INS-SA-1806/ 8:30 - 10:00/ Salón de Eventos 5

**Controversias en cirugía de glaucoma**

Instructores: Marina Ramírez, Félix Gil

Descripción:
Conocer cuáles son las cirugías de primera línea, qué hacer cuando estas fallan y el reto de la modernidad con los nuevos implantes de glaucoma.

INS-SA-2930/ 8:30 - 10:00/ Salón de Eventos 7

**How to Avoid Misdiagnosis of Tumors Using Ocular Ultrasound**

Course Instructor(s): Ariel Prado, Norma Allemann, Bernadete Ayres, Maru Bretana, Mario de la Torre, Eduardo Morarega, Maira Saad Ávila

Descripción:
Ultrasound diagnosis of ocular and orbital tumors, based on clinical case problems will be presented followed by a lecture and literature review.

INS-SA-1334/ 10:30 - 12:00/ Salón de Eventos 6

**Advocacy for National ROP Policies in Latin America**

Course Instructor(s): Victoria Sheffield, Clare Gilbert, Luz Gordillo, Justin Mora, Liliana Riva, Juan Silva, Luz Zepeda

Descripción:
To understand the importance of national policies to address ROP as a public health initiative, and the strategies utilized to achieve these policies.

INS-SA-2104/ 10:30 - 12:00/ Salón de Eventos 2

**Imaging the Anterior Segment: Diagnostic and Surgical Applications**

Course Instructor(s): Norma Allemann, Wallace Chamon, Maria Cortina, João Crispim, José De La Cruz, Elmer Tu

Descripción:
This course aims to instruct in the use of anterior segment imaging techniques for the diagnosis and treatment of anterior segment and corneal pathology.
**INS-SA-611/ 10:30 - 12:00/ Salón de Eventos 4**

**Pediatric Ocular Tumors**

Course Instructor(s): Carol Shields, Jerry Shields

Description:
At the conclusion of this course, the attendee should be able to identify the most common ocular tumors of childhood and understand management strategies.

**INS-SA-912/ 10:30 - 12:00/ Salón de Eventos 5**

**Advanced Surgical Management of Ocular Inflammatory Disease**

Course Instructor(s): Janet Davis, Guillermo Amescua, Alana Grajewski, Víctor Pérez

Description:
This course is intended to impart knowledge gained by experienced surgeons at a single institution who routinely provide advanced surgical management for ocular inflammatory diseases. At the end of the course, comprehensive ophthalmologists and subspecialists will understand how to apply current, advanced surgical techniques to manage ocular surface disorders, corneal immunological disease, uveitic cataract, uveitic glaucoma, and posterior segment diagnostic procedures such as chorioretinal biopsy as well as therapeutic surgery in inflamed eyes. Few participants will employ all of the techniques described, but the overview of surgical possibilities will help all course attendees appreciate the range of procedures now available, their basic principles and limitations, and possible complications. This in turn will improve case selection and preoperative and postoperative management. In the case of anterior or posterior segment surgical specialists, they should increase their competency in managing these difficult patients.

**INS-SA-23/ 14:45 – 15:30/ Guadalajara 1**

**Lo imposible puede ser posible en el cálculo de LIO**

Instructores: Ariel Prado, Eduardo Moragrega, Cecilio Velasco, Mariana Takane, Mariana Mayorquín

Descripción:
A pesar de un gran virtuosismo del cirujano de catarata, el éxito refractivo posoperatorio está determinado por el correcto cálculo del poder dióptrico del lente intraocular, siendo los factores más importantes la queratometría, la biometría mediante ultrasonido o interferometría, la utilización de fórmulas de regresión lineal y la constante de fabricación del lente que constituyen los parámetros básicos para evitar una sorpresa refractiva. Existen sin embargo situaciones especiales como longitudes axiales extraordinarias, afasia o pseudoafasia, cirugía refractiva previa, degeneraciones corneales o queratoplastias y diferentes materiales intravítreos, que constituyen casos difíciles, retos parcialmente predecibles que son explicados, analizados y resueltos por expertos en el cálculo de lente intraocular.

**INS-SA-22/ 14:00 – 14:45/ Guadalajara 1**

**Entendiendo las oftalmoplejias: tips & tricks**

Instructores: Silvia Moguel, Rosalía Heras, Rosana Vidal, Adriana Valdés

Descripción:
Los estrabismos por defectos de movimiento pueden ser de diversas causas. Cuando la lesión afecta a las motoneuronas por compromiso de los nervios craneales va a existir una desviación ocular correspondiente, sin embargo cuando la lesión afecta los núcleos de coordinación de movimiento, zonas corticales superiores y vías de interconexión, puede haber grandes defectos de movimiento sin alteración en la posición de los ojos, dando lugar a las diferentes oftalmoplejias. Su diversidad de manifestación puede hacer el diagnóstico confuso y complejo. El estudio de los organizadores de movimiento ocular permite entender más fácilmente estos defectos como ocurre en la Enfermedad de Niemann Pick C, las lesiones tumorales, la esclerosis múltiple, etc. Hagamos el diagnóstico de las oftalmoplejias más fáciles a través de tips y trucos.

**INS-SA-9997/ 14:00 - 15:30/ Salón de Eventos 2**

**International Course on New Developments of the Cornea: What To Do in a High Risk Keratoplasty?**

Instructores: Nallely Ramos, Luz Elena Concha, Josué Rodríguez, Valeria Sánchez
Differential Diagnosis of Corneal “Dots” and “Lines”- Contact Lens Fitting Prospective  
Christina Grupcheva, Dimitar Grupchev

Infectious Scleritis: When Should I Think About Them?  
Luz Elena Concha, Lourdes Arellanes, Rashel Cheja

Classic and Biologic Immunotherapy for Ocular Inflammatory Diseases: Indications and Therapeutic Goals  
Alejandro Rodríguez, Carlos Álvarez

INS-SA-722/ 14:00 - 15:30/ Salón de Eventos 4
Optic Nerve Imaging in Glaucoma: A Practical Workshop on OCT Interpretation  
Course Instructor(s): Hady Saheb, Devesh Varma

Description:
Compare the advantages and disadvantages of optic nerve imaging versus optic nerve photography  
Evaluate an optic nerve imaging printout for the purpose of diagnosis of glaucoma  
Evaluate an optic nerve imaging printout for the purpose of progression of glaucoma  
Identify common false positives in optic nerve imaging for glaucoma  
Identify common false negatives in optic nerve imaging for glaucoma

INS-SA-952/ 14:00 - 15:30/ Salón de Eventos 6
Duke Vitreoretinal Surgical Rounds. What Would Machemer Do?  
Course Instructor(s): Tamer Mahmoud, Ron Adelman, J. Fernando Arévalo, María Berrocal, Andre Gomes, Virgilio Morales Canton, Hassan Mortada, Lihteh Wu, Hugo Quiroz, Malhar Soni

Description:
Recent advances in small gauge vitrectomy from 23 to 27, chandeliers, lighted instruments combined with intraoperative OCT have revolutionized the vitreoretinal surgical field. An ideal approach to convey the intricate surgical procedures and show complications and their management would be best demonstrated through a panel discussion. The Duke Saturday morning rounds format will be followed. From detailed fundus drawings to high definition videos, surgical approaches and management of complications will be debated with an evidence based approach, referral to the literature, and inclusion of new techniques.

The following provides some of the subjects to be discussed through case presentation and panel debate:

- Preference of small gauge 23, 25, and 27 according to surgical pathology
- Type of available chandeliers with utility and positioning of each
- Types of lighted instruments available per gauge and preference over chandeliers
• Need of mixed gauge use in some cases
• Value of scleral buckle in the era of small gauge vitrectomy and buckle options and the chandelier buckle technique update
• Levels of complexity of complicated proliferative diabetic retinopathy and selection of appropriate instrumentation for each case
• Vitreoretinal surgery in infants and children. Proper selection of instruments and approaches Value of handheld preoperative OCT. Cases included ROP and FEVR
• Complications of retisert implants and dislocation. How many implants can the eye handle?
• Dislocated intraocular lenses retrieval. Scleral and iris fixation
• Valved cannulas and how they have changed surgical steps
• Viewing systems from contact to noncontact, what’s your preference?
• Highly myopic macular holes and detachments: Approaches to overcome a long axial length
• Value of intraoperative OCT The potential future of vitreoretinal surgery

INS-SA-25/ 16:45 – 17:30/ Guadalajara 1

Manejo adecuado de esteroides en oftalmología

Instructores: Thamar Gómez, Narlly Ruiz, Stephany Voorduin, Araceli Rojas

Descripción:
Los esteroides son fármacos de uso común para el oftalmólogo general, pero con frecuencia observamos complicaciones secundarias al uso incorrecto de los mismos. En este curso se abordará la bioquímica, indicaciones, vías de administración (tópica, intravítrea, implantes, transeptal, retrobulbar, oral, intravenosa) y efectos secundarios entre otros temas para definir el uso apropiado.

Es un curso multidisciplinario que incluye la participación de subespecialistas experimentados en retina, enfermedades infecciosas oculares, enfermedades externas y neurooftalmología.

INS-SA-2324/ 16:00 - 17:30/ Salón de Eventos 2

Síndrome de párpado flácido. Claves para el diagnóstico y tratamiento

Instructores: Yerena Muñoz, Álvaro Bengoa, Alicia Galindo, Marco Sales, Patricia Santello

Descripción:
Dar a conocer un protocolo de actuación en el diagnóstico y tratamiento de los pacientes con síndrome párpado flácido, así como las nuevas técnicas quirúrgicas con sus ventajas y desventajas.
INS-SA-2265/ 16:00 - 17:30/ Salón de Eventos 4

Clinical Exam and Management of Children with Glaucoma

Course Instructor(s): Elena Bitrian, Óscar Albis, Teresa Chen, Alana Grajewski

Description:
This course is intended to impart knowledge on clinical examination, diagnosis, early progression detection and management of children with glaucoma. At the end of the course, comprehensive ophthalmologists and sub specialists will understand how to perform an accurate and complete pediatric eye exam under anesthesia on children with glaucoma. Attendants will increase their competency in early diagnosing and managing these difficult patients. An interactive format between audience and presenters will be the format of this course and multiple clinical scenarios will be presented to the audience. A handout available both in Spanish and English will be provided to all attendees.

INS-SA-2449/ 16:00 - 17:30/ Salón de Eventos 7

Recent Advances in the Diagnosis and Management of Conjunctival Tumors

Course Instructor(s): Santosh Honavar, Fairooz P. Manjandavida, Carol Shields, Jerry Shields

Description:
The aim of this course is to provide a systematic overview of clinical manifestations of conjunctival tumors and to discuss recent concepts in the diagnosis, management, and prognosis. Clinical evaluation of a patient with conjunctival tumor will be demonstrated with well documented clinical cases. Systemic associations will be discussed. Advantages of anterior segment imaging techniques will be highlighted. Evidence based treatment protocols, and indications and outcome of newer treatment modalities such as topical chemotherapy and plaque brachytherapy, will be discussed. Standard surgical procedures will be demonstrated with video films. This course will enable participants to accurately diagnose and manage common conjunctival tumors.

INS-SA-508/ 16:00 - 17:30/ Salón de Eventos 5

Parasitic Keratitis: Clinical Picture, Diagnosis and Management

Course Instructor(s): Prashant Garg, Savitri Sharma, Elmer Tu

Description:
To present clinical picture, diagnosis and treatment of contact lens and non contact lens associated keratitis caused by Acantha moeba and microsporidia.

INS-SA-547/ 16:00 - 17:30/ Salón de Eventos 6

Femtosecond Laser for Cornea Surgery: The Actual Options

Course Instructor(s): Arturo Ramírez, Anthony Aldave, Jorge Alío, Enrique Graue-Hernández, Luis Izquierdo, Alejandro Lichtinger, Alejandro Navas

Description:
Attendees will gain information about the similarities and differences amongst the most popular femto second laser and its use in all the cornea and refractive techniques.

INS-SA-2023/ 16:00 - 17:30/ Salón de Eventos 8

Scleral Buckling Surgery: A Forgotten Art!

Course Instructor(s): Malhar Soni, Ron Adelman, Lihteh Wu, María Berrocal, Ash Sharma

Description:
This course will provide a comprehensive, state of the art approach to techniques of scleral buckling (SB) surgery. A practical and interactive way to achieve successful retinal detachment (RD) repair will be discussed with case presentation, panel debate and interesting videos. It will be discussed in “Tell it like it is…” language without statistical muddle. Specific topics will include:

1. Principles of SB surgery including decision making of selection of buckle, segmental v/s 360 circumferential buckle, suture placement techniques.
2. Sub retinal fluid (SRF) drainage in SB surgery including indications, contraindications, and techniques of SRF drainage.
3. Macular buckling for myopic eyes with posterior staphyloma.
4. Modified techniques of SB surgery including sutureless SB Surgery, use of chandelier light and wide angle visualization system in SB surgery, role of suprachoroidal buckling in RD management

5. Management of SB surgery complications including SB surgery in thin sclera, 'Dry tap' during SRF drainage, sub retinal haemorrhage, extraocular muscle damage, intrusion of the buckle, exposure of the buckle, complications in relation to macular and suprachoroidal buckling surgery.


Audience participation will be encouraged and a detailed handout will be provided

Free Papers

FP-SA-7012/ 8:30 - 10:00/ Minerva I & II

Glaucoma Surgery and Disease Evaluation

Chair(s): Matthias Grieshaber, Aparna Rao, Itzel Montserrat Pérez

Comparative Evaluation of Trabeculectomy Using Mitomycin C (MMC) or Sub conjunctival Bevacizumab as Adjunct and Correlation of Bleb Morphology with Outcome by using IBAGS
Abhishek Anand

The Effect of Placement of Intraoperative Mitomycin C on Intraocular Pressure Control with the InnFocus MicroShunt™
Isabelle Riss, Juan Batlle, Yasushi Kato, Jean Marie Parel, Léonard Pinchuk, Bruce Weber

Canaloplasty with the Stegmann Canal Expander for Primary Open Angle Glaucoma: Two Year Results
Matthias Grieshaber, Robert Stegmann

Surgical Outcomes in Patients with Primary Congenital Glaucoma
Itzel Montserrat Pérez, Magdalena Garcia, Alejandra Hernández, Cristina Isida, Jesús Jiménez, Antonio Remolina Villarejo, Mauricio Turati

Normal Tension Congenital Glaucoma, a New Entity Introduced
Ahmad Khalil

The Effects of Multifocal Intraocular Lens on Visual Quality in Patients with Primary Angle Closure
Naris Kitnarong, Dovchinjamts Dagvadorj

Downregulating the Myocardin related Transcription Factor/ Serum Response Factor (MRTF/ SRF) Pathway is a Novel Therapeutic Approach to Prevent Postsurgical Fibrosis in Glaucoma.
Cynthia Yu Wai Man, Maryse Bailly, Peng T. Khaw

Characteristics of Optic Disc Torsion in Myopic Eyes
Mi Sun Sung, Sang Woo Park

Aqueous Angiography: Real Time Imaging of Aqueous Humor Outflow
Alex Huang, Anna Dastiridou, Brian Francis, David Hinton, Sindhu Saraswathy, James Tan, Robert Weinreb

Performance of Central Field Index Versus Visual Field Index in Moderate and Severe Glaucoma in Eyes with Central Fixation Involvement
Aparna Rao, Harika Mudunuri, Debananda Padhy, Avik Roy

Cup disc Ratio Measurement by Cirrus Ocular Coherence Tomography, Heidelberg Retina Tomography and Stereophotograph in Ocular Hypertensive Subjects: Their Effects on Glaucoma 5 Year Risk Estimation
Poemen Chan, Vivian Chiu, Christopher Leung, Mandy Wong

FP-SA-7024/ 8:30 - 10:00/ Salón de Eventos 8

Pediatric Cataract, Special Cases, Physiopathology and More

Chair(s): Lourdes Arellanes, Daniel Ochoa, Brenda Juarez

Refractive changes in children undergoing congenital cataract surgery with intraocular lens implantation before two years of age
Georgina Sosa Sánchez, Leticia Arroyo, Óscar Guerrero, Cristina Mendoza, Carolina Orea, Claudia Palacio

Modificaciones en la refracción de pacientes pediátricos con implante de lente intraocular
Virginia Martínez, Ariel Prado
Cirugía de catarata en pacientes con nanoftalmos: Resultados en población mexicana
Janet Silva, Pablo Guzmán, Humberto Matiz, Mayela Olazabal

Variación de la presión intraocular y la longitud axial post faco emulsificación según el grupo de edad y la madurez de la catarata
Ana Navarrete, Geovanny Alvarado, Pablo Galarza

Análisis histopatológico de la cápsula anterior del cristalino
Brenda Juárez

Determinación de VEGF en humor acuoso de pacientes mexicanos con catarata y pseudo exfoliación
Cynthia Solis, Leticia Arroyo, Óscar Guerrero, Jaime Lozano, Cristina Mendoza, Carolina Orea, Claudia Palacio, Atzin Robles

Análisis de citocinas en material cristaliniano de catarata diabética y senil
Manuel García, Carolina Orea, Claudia Palacio, Atzin Robles Contreras

Comparación de tres biómetros ópticos.
Álvaro Ortiz Zapata, María Corrales, Virgilio Galvis, Miguel Ochoa, Carlos Rodríguez, Alejandro Tello, Víctor Víaña

Fenilefrina intracameral al 1.5% en el manejo del síndrome de iris flácido intraoperatorio
Aura Cristina Marban, Leticia Arroyo, Óscar Guerrero, Cristina Mendoza, Carolina Orea, Claudia Palacio

Ophthalmic and systemic abnormalities in Weill Marchesani syndrome: Case series report.
Gian Franco Diez, Vianney Cortés, Cristina Villanueva

Cálculo de la curva de aprendizaje simulador del oftalmquirúrgico computarizado, en el desempeño quirúrgico virtual de los alumnos de residencia de hospital referido
Daniel Ochoa

FP-SA-7032/ 8:30 - 10:00/ Salón de Eventos 9

Therapy and Genetics of Retinal Diseases 9

Chair(s): Johanna Seddon, Chen Zhao

Collagen shields cross linked by metal oxide nanoparticles for ocular drug delivery
Ilva Rupenthal, Yosra Agban, Jiaxin Lian, Sujay Prabakar, Ali Seyfoddin

Effect of single and repeated doses of bevacizumab, ranibizumab and aflibercept in human retinal pigmented epithelium cells
Manuel Saenz de Viteri, Edurne Albiasu, Jaione Bezunartea, Patricia Fernández, Laura García, Alfredo García, María Hernández, Maite Moreno, Sergio Recalde, Nicholas Reiter

Retinal Pigmented Epithelium Response to Retinal Rejuvenation Therapy
Robert Casson, Glyn Chidlow, Malcolm Plunkett, John Wood

Photostimulation Subthreshold Pascal Laser in the Treatment of Chronic Central Serous Chorioretinopathy
Juan Arias, Carlos Avalos, Rodrigo Barrera, Virgilio Galvis, Álvaro Gutiérrez, Luis Jaramillo, Andrés Osorio, David Paredes

Transcorneal Electrical Stimulation Treatment for Patients with Retinitis Pigmentosa, Summary of Results from the TESOLA Study:a Multicentric Observational Study
Lubka Naycheva, Guido Blaess, Florian Gekeler, Peter Martus, Barbara Wilhelm

Comprehensive Risk Prediction Models for Macular Degeneration Incorporating Demographic and Behavioral Factors and Common and Rare Genetic Variants; Genotype Phenotype Correlations
Johanna Seddon

Association between complement factor H polymorphism and response to antiangiogenic therapy in age related macular degeneration
Lorena Ramirez, Beatriz Buentello, Federico Graue, Antonio López, Salvador López, Juan Zenteno

SPP2 Mutations Cause Autosomal Dominant Retinitis Pigmentosa
Chen Zhao, Xue Chen
A novel normalized reflection scale reveals occult optical coherence tomography changes in retina structures with aging
Shlomit Schaal, Amir Hajrasouliha, Douglas Sigford

FP-SA-7004/ 10:30 - 12:00/ Salón de Eventos 9
Changing the Cornea for Refraction

Chair(s): Varun Arora, David Lin

Functional Binocularity in Patients Implanted with Non Refractive Hydrogel Corneal Inlay
Enrique Barragán

Profocus Cornea Created by Transparent Hydrogel Corneal Inlay: Mechanism of Action and Clinical Implications
Arturo Chayet, Enrique Barragán

Validation and Application of Modified Version of QRIC Among Patients Undergoing Lasik Surgery Procedure
Varun Arora, Jai Bansal, Tripti Bansal, Manik Saxena

ISOvision Technology: a new standard of Presby LASIK
Frederic Hehn

ASA (LASEK/epi LASEK) methods for Extreme Myopia, Hyperopia, and/or Astigmatism
Tetyana Dovzhuk, Emil Chynn, Junjing Guo

PRK vs. TransPRK using Schwind Amaris® ORK Cam: an intrapatient comparative study.
Javier Gaytan Melicoff

Refractive and aberrometric evolution after photorefractive keratectomy for myopia and myopic astigmatism using a wavefront optimized algorithm
Marinka Kargacin, Rafael Barraquer

PRESBV (Presbyopia Vejarano) tears Non Invasive Solution for Presbyopia
L. Felipe Vejarano

Is PRK better than LASIK for extreme myopia?
Karolien Termote, Simon Holland, David Lin

Early results of improved beam profile using the Schwind Amaris for laser trans epithelial PRK compared to pre existing profile
David Lin, Simon Holland

FP-SA-7014/ 10:30 - 12:00/ Salón de Eventos 8
Innovaciones en cirugía de catarata

Moderadores: Diana Parra, Daniela García, Nadia Casillas

Lentes Intraoculares Difractivos Trifocales: Experiencia Clinica y Resultados: Análisis de Resultados Extendido a 2 Años de Seguimiento
Melissa Alvarán, German Giraldo, Leónardo Orjuela

Resultados visuales en pacientes operados de facoemulsificación con implante de lente intraocular enVista® en el Hospital General de México.
Miguel Villanueva, Sergio Herrero

Incidencia de pérdida celular endotelial en pacientes operados de catarata por Facoemulsificación convencional en comparación con la técnica asistida con láser de Femtosegundo en el Hospital Central Militar
Diana Parra, Marco Cantero

Facoemulsificación Vs SICS (Cirugía de Catarata de Pequeña Incisión Vs EECC (Cirugía Extracapsular de Catarata)
Gabriela Ruiz

Análisis morfológico de incisiones corneales en cirugía de facoemulsificación realizadas con láser de femtosegundos por medio de OCT de segmento anterior dominio espectral
Daniela García, Leticia Arroyo, Óscar Guerrero, Jaime Lozano, Cristina Mendoza, Carolina Orea, Claudia Palacio

Experiencia en cirugía de catarata asistida con láser de femtosegundos
Henry Maldonado, Alberto Cáceres, Héctor Camara, Alejandro Millet

Astigmatismo inducido en facoemulsificación asistida con femtosegundo e incisión manual
Susana Peniche, Lourdes Fernández, Karime Pérez

Comparación del desempeño visual entre lentes intraoculares multifocales
Lorena Zendejas Reyes, Erick Encampira

Experiencia con el Lente Intraocular Trifocal
José Nava, Lorena Lam
Implante de lente intraocular trifocal difractivo: Análisis y resultado de la agudeza visual
Nadia Casillas, Beatriz Alvarado, Miguel Ibáñez

Implante de Lente Intraocular Intraescleral con Adhesivo Tisular en Afaquia. Resultados en Clínica de Salud Visual COA México
Paulo Tapía, Humberto Cervantes, Nicolás León

**FP-SA-7023/ 10:30 - 12:00/ Minerva I & II**

**Pathology of the Ocular Surface, Eyelids, and Orbit**
Chair(s): YinWei Li, Marian Pauly, Usha Kim

Analysis of Clinico-pathologic Correlation in Ocular Surface Squamous Neoplasms
Marian Pauly, Jyotirmay Biswas

The clinical value of core biopsy of orbital tumors: histology, imprint cytology, complications.
Andrey Yarovoy

The possibilities of duplex scanning in lacrimal gland tumors diagnostics
Anush Amiryan, Valida Alikhanova, Svetlana Saakyan

Nasolacrimal duct intubation using a lacrimal endoscope for lacrimal passage obstruction in children.
Naoshi Tsurumaru, Toru Suzuki, Ryoji Yamakawa

Transdermal Nano enabled Anaesthetics for Eyelid Surgery
Krisztina Emeriewen

YinWei Li

Endo Navigation System assisted orbital decompression for thyroid eye disease
HuiFang Zhou

Optic Nerve Degeneration secondary to silicon oil (Pseudo Schnabel Cavernous Degeneration) in an eye with Giant Nodular Posterior Scleritis: Case presentation
Antonio Cáceres, Ivette Hernández, Paulina Núñez, Dolores Ríos, Abelardo Rodríguez

A novel approach for optic nerve sheath decompression and its outcome: our experiences
Usha Kim, Priti Bhoutekar, Namrata Gaikwad, Amit Khedekar, Mahesh Kumar, Jyoti Rathod, Lekshmi Vijay, Sowjanya Yarra

Rare cases of Orbital Cysts in Craniofacial cleft patients
Priti Udhay

Intralesional Bleomycin for Treatment of Orbital Lymphangioma
Nirav Raichura, Md Alam, Bipasha Mukherjee, Veena Noronha

**FP-SA-7001/ 14:00 - 15:30/ Salón de Eventos 8**

**Avances en cirugía refractiva y córnea**

Moderadores: Rafael Morcillo, Ana Rodríguez, Henry Alberto Ramirez

Incidencia de complicaciones retinian en pacientes altos miopes operados con lentes fáquicos a 9 Años
Alejandra Orozco, Luis Izquierdo, Ana Rodríguez

Use of Pulsed Vacuum for Refractive Multifocal Lens replacement.
Antonio Méndez

Lentes intraoculares fáquicas de cámara posterior: cómo y porqué implantarlas sin viscoelástico.
Jorge Muravchik

Análisis del ángulo y vault por tomografía de coherencia óptica de segmento anterior en implante de ICL V4c en pacientes con alta miopía.
Guillermo García, Enrique Graue-Hernández, Alejandro Navas, Arturo Ramírez, Sandra Salazar

New technique for lenticle removal in SMILE procedure.
Antonio Méndez

Cambios en agudeza visual y aberraciones de alto orden en pacientes sometidos a SMILE
Jesús Jaurrieta, Elisa Alegría, Alejandro Babayan, Óscar Baca, Óscar Fernández, Cristina Pacheco, Regina Velasco

Implante de anillo intracorneal circular con láser de femtosegundo; pocket versus túnel
Ana Rodríguez, María Henríquez, Luis Izquierdo, Alejandra Orozco
Correlación de aberraciones de alto orden en la cara anterior de la córnea y el grado de queratocono medidas con cámara de Scheimpflug
Sarai Delgado, Narlly Ruiz, Jorge Velazco

Reproductibilidad y resultados de Simple Limbal Epithelial Transplantation (SLET) technique
Alexandra Abdala, Enrique Graue-Hernández, Alejandro Lichtinger, Alejandro Navas, Arturo Ramírez

Quirotapigmentación automatizada en córneas con leucomas
Henry Alberto Ramírez

Disfunción de glándulas de Meibomio y su relación con dislipidemia en pacientes del Hospital General de México Dr. Eduardo Liceága
Karla Paola García, Jorge Mauricio Martínez

FP-SA-7035/ 14:00 - 15:30/ Salón de Eventos 9

Vitreoretinal Surgery

Chair(s): Mun Faria, Raksha Rao, Luiz Lima

Pars Plana Vitrectomy with Juxtapapillary Laser Photocoagulation (JLP) versus Vitrectomy without JLP for the Treatment of Optic Disc Pit Maculopathy
Marwan Abouammoh, Sulaiman Alsulaiman, Waseem Alzamil, J. Fernando Arévalo, Alay Banker, María Berrocal, Antonio Marcelo Casella, Jay Chhablani, Akito Hirakata, Gabriela Papa Oliva

Lutein based dyes for Ocular Surgery
Emmerson Badaró, Rubens Belfort, Michel Eid Farah, André Maia, Maurício Maia, Eduardo Novais, Eduardo Rodrigues, Acacio Souza Lima

Management of Submacular Hemorrhage with Pars Plana Vitrectomy and Subretinal Injection of Recombinant Tissue Plasminogen Activator
Remzi Avci, Ümit İnan, Berkant Kaderli, Cem Kucukerdonmez, Sami Yilmaz

Primary pars plana vitrectomy for rhegmatogenous retinal detachment with superior and inferior breaks: comparison of anatomical and functional outcomes
Panagiotis Stavarakas, Angeliki Androu, Polyxeni Stamatiou, Panagiotis Theodossiadis, DimitRios Tsoukanas, Paraskevi Xanthopoulou

OM 101 reduces the formation of fibrotic response associated with proliferative vitreoretinopathy
Ayala Pollack, Zeev Dvashi, Yoel Greenwald, Ran Stein

30 gauge pars plana surgery in recurrent vitreous hemorrhage
Satyen Deka

Evaluation of the outcome of Ocriplasmin (Jetrea) in the treatment of vitreomacular traction (VMT) with/without Macular hole (MH): an emphasis on patients’ satisfaction
Mohamed El ashry

Preliminary Clinical Outcomes of 23 Gauge Dual Port Vitrectomy Surgery
Luiz Lima

Scleral buckling technique with macular explant for the treatment of myopic foveoschisis.
Mário Canastro, Nuno Ferreira, Carlos Marquès Neves, Faria Mun, Eliana Neto

A Comparative Analysis of the Efficacy of Additional Internal Limiting Membrane Peeling in Epiretinal Membrane Removal
Anand Rajendran

FP-SA-7007/ 16:00 - 17:30/ Minerva I & II

Corneal Inflammation and Infection

Chair(s): Jong Soo Lee, Lorena Lam, Darlene Miller

Autologous Advanced Tenon Grafting Combined with Conjunctival Flap in Scleromalacia after Pterygium Excision
Jong Soo Lee

Comparison of the results of preoperative intrapterygial injection of mitomycin C 24 hours before bare scleral excision of pterygium with or without 180 degree conjunctival rotational autograft (CRA).
Ved Gupta, Deva Karthikeyan, Jolly Rohatgi

Fungal sclero keratitis following pterygium excision with mitomycin application.
Jnanankar Medhi, Harsha Bhattacharjee

Comprehensive Profiling of Alkali Injuries to the Cornea
Hossoon Choi, Samuel Fulcher, Joo Youn Oh, Casie Phillips, Darwin Prockop, Roxanne Reger, Eileen Stock
The inhibitory effect of Itraconazole on Corneal Neovascularization in Rabbits
Kyung Hong, Sung Kun Chung, Choun Ki Joo, Hyun Soo Lee, Jae Yon Won

Antibiotic Stewardship in Ophthalmology: How Relevant in Ophthalmology?
Darlene Miller

Cell Signaling and Gene Expression in Ocular Rosacea: Targeting Highly Specific Candidates for Therapy
Edward Wladis, Alejandro Adam, Alyssa Hermann, Supraja Swamy, Matthew Wang

Treatment of Childhood Ocular Rosacea: a Reappraisal
Serge Doan, Isabelle Cochereau, Gabison Eric

Tear levels of matrix metalloproteinase 9 and interleukin 1 alfa in patients with active ocular rosacea compared to controls, and before and after treatment with oral doxycycline or azithromycin.
Lorena Lam, Beatriz E Patiño, Yocanxóchitl Perfecto, Alejandro Rodríguez

High rate of tissue persistence of Chlamydia Trachomatis after one treatment cycle with oral Azithromycin in adult inclusion conjunctivitis.
Karim Mohamed Noriega, Humberto Cavazos, Jesús H. González, Jesús Mohamed Hamsho, Jibrán Mohamed, Ana Rodríguez

FP-SA-7021/ 16:00 - 17:30/ Salón de Eventos 9

Oncología ocular

Moderadores: Edwin Anaya, Sandra Salazar, Lourdes Rodríguez

Frecuencia de Neoplasia Escamosa de la Superficie Ocular Coexistente con Pterigio
Pedro Salazar, Alexander Castañeda

Asociación del retinoblastoma con el polimorfismo rs2279744 del gen MDM2 y sus características clínicas en población infantil mexicana
Edwin Anaya, Rubén Cárdenas, Yolanda Jaramillo, Jesús Nares

Eficacia y seguridad de los inmunomoduladores biológicos: rituximab, adalimumab e infliximab en patología orbitaria.
Luz Arce, Edwin Anaya, Mildred Díaz, Yukie García
Invited Symposium

**IS-SU-123/ 8:30 - 10:00/ Salón Zapopan**

*(The Retina Society)* Innovations in Surgical Retina: A Case-Based Update

Chair(s): Virgilio Morales, Hugo Quiroz

- Diabetic Tractional Retinal Detachment: Using Only Vitreous Cutter  
  Shlomit Schaal

- Diabetic Tractional Retinal Detachment: Using Bimanual Techniques  
  Tamer Mahmoud

- Idiopathic Macular Holes: Peeling the ILM with ICG  
  Albert Augustin

- Idiopathic Macular Holes: Peeling the ILM with Brilliant Blue  
  Christiane Falkner-Radler

- Giant Retinal Tears: Vitrectomy and Encirclind Band  
  Antonio Ciardella

- Giant Retinal Tears: Only Pars Plana Vitrectomy  
  Carsten Meyer

- Proliferative Vitreoretinopathy: New Instrumentation to Solve this Complication  
  Lihteh Wu

**IS-SU-126/ 8:30 - 10:30/ Salón Tequila**

Post Traumatic Glaucoma and Hypotension  
Virgilio Lima

Management of Foreign Bodies Embedded in the Posterior Segment  
Dante Pieramici

When to Stop in the Repair of Severe Ocular Trauma  
Ferenc Kuhn

**IS-SU-138/ 8:30 - 10:00/ Guadalajara 8**

Surgical Approach to Inflammatory and Infectious Diseases of the Vitreous and Retina

Chair(s): Manuel Sáenz

- Management of Retinal Parasitosis  
  Francisco Martínez

- Update in Vitreo-Retinal Surgery in Intermediate Uveitis  
  José Roca

- Vitrectomy in Viral Chorioretinitis  
  José Luis Guerrero

- Vitrectomy in Persistent Macular Edema  
  Rafael Cortéz

- Vitrectomy in Cases of Endogenous Endophthalmitis Secondary to Fungal (Candida Albicans) Infections  
  Alfredo García

**IS-SU-128/ 8:30 - 10:00/ Salón Zapopan**

Ocular Trauma

Chair: José Dalma

- Current Management of Corneo-Scleral Injuries  
  Valeria Sánchez

- Strategies in Anterior Segment Reconstruction  
  Pedro Carricundo

- Current Strategies in the Management of Posterior Segment Injuries  
  Wolfgang Schrader

- Management of Acute Retinal Necrosis  
  René Cano

- Management of Infection Post Application of Antiangiogenic Agents and Final Remarks  
  Manuel Sáenz
Neglected Tropical Diseases: Are We on Track?

Chair(s): Luis Castellanos, Amir Kello, Muhammad Rabiu, Martha Saboya

Description:
Since the adoption of PAHO Resolution CD49.R19 on the elimination of neglected diseases and other poverty-related diseases in 2009, there has been a growing global and regional commitment to the control and elimination of many neglected diseases and other poverty-related infections (in this report, referred to as NIDs). The political commitment to neglected infectious diseases (NIDs) elimination has also increased in the Region and other WHO regions, accompanied by reassignment or commitment of resources to scale up control, elimination, and monitoring of impacts. The development and availability of new tools and methods to combat and monitor NIDs, the improvement of health service infrastructure, and the implementation of primary care strategies have made it possible to improve surveillance, treatment, prevention and control of NIDs. Selected diseases have now even become targets for elimination.

In the Americas, WHO verified the elimination of onchocerciasis in Colombia in 2013 and in Ecuador in 2014. The number of people needing treatment for onchocerciasis in the Region has dropped from over 336,000 in 2009 to just over 20,000 in 2014. The number of onchocerciasis foci with active transmission has dropped from 7 to 2 foci in the same period. México is expecting to request verification of elimination of blindness due to trachoma in the near future, while Colombia recently confirmed that it is endemic for blinding trachoma and is treating patients. Since 2009 three countries have been removed from the WHO map of lymphatic filariasis-endemic countries (Costa Rica, Suriname, and Trinidad and Tobago), and three countries have significantly reduced areas of transmission (Brazil, Haiti, and the Dominican Republic), bringing them closer to elimination. Several countries in Central and South America have eliminated transmission of Chaga’s disease by the principal domestic vector, and 20 of 21 endemic countries have 100% screening of blood banks.

This session will be focused on the lessons learnt in the Region of the Americas to tackle NIDs, as well as on the challenges and opportunities to reach and sustain the elimination goals.

Are We on Track to Achieve the GET 2020 Target? 
Anthony Solomon

Trachomatous Trichiasis Surgery in Latin America
Ángela Gutiérrez

Elimination of Blinding Trachoma in México: The Success Story of an Integrated Program
Cuauhtémoc Mancha

Onchocerciasis Elimination: Tools for the End Game
Adrian Hopkins

Near Onchocerciasis Elimination in the Americas and the Last Challenge
Mauricio Sauerbrey

What Follows after Elimination of Onchocerciasis and Blinding Trachoma in the Americas? Lessons for Addressing Other NTDs
Luis Castellanos

Imaging in Ocular and Orbital Tumors

Chair(s): Masood Naseripour

Description:
This course will discuss different aspects of imaging modalities which are used in diagnosis of ocular tumors. The emphasis will be on how these technologies help us to differentiate orbital and intraocular tumors. Lectures will be followed by 20 minutes of discussion to answer some emerging questions.

Fundus Imaging in Pediatric Ocular Oncology
Francis Munier

MRI Versus CT scan Imaging of Orbital Tumors
Santosh Honavar

Cutting-edge Imaging Methods: OCT Angiography and Multispectral Imaging in Ocular Oncology
Carol Shields
Wide Angle (150º) ICG and Fluorescence Angiography in Ocular Oncology
Leónidas Zografos

Tips and Tricks in A&B Ultrasound in Diagnosis and Management of Intraocular Tumors
Masood Naseripour

High Resolution (50 MHz) Ultrasonography for the Investigation of Iris and Ciliary Body Tumors
Arun Singh

Imaging of Intraocular Tumors Following Irradiation Treatment
Stefan Seregard

**IS-SU-180/ 8:30 - 10:00/ Guadalajara 2**

**(APAO) Childhood Blindness and Visual Impairment in Asia Pacific Region**

Chair(s): Frank Martin, Kanxing Zhao

Description:
Childhood blindness and visual impairment is an important issue in the Asia Pacific Region. This symposium brings together experts from the Region to highlight the importance of the childhood blindness problems and to discuss about various aspects, including retinopathy of prematurity, childhood cataracts, uncorrected refractive errors etc. Moreover, public health approach to prevent the childhood blindness and an advocacy agenda for the child eye health in the Asia Pacific Region will also be discussed.

Overview of Childhood Blindness and Visual Impairment in the Asia Pacific Region
Seang Mei Saw

ROP: Are We Facing an Epidemic?
Rajvardhan Azad

Refractive Errors as a Cause for Childhood Blindness and Visual Impairment in the Asia Pacific Region
Nathan Congdon

Public Health Approach to Childhood Blindness and Visual Impairment in the Asia Pacific Region
Abu Raihan

The Role of Pediatric Ophthalmologists in Child Eye Care
Marilyn Miller

**IS-SU-221/ 8:30 - 10:00/ Salón de Eventos 1**

**Ophthalmic Practice Management and ICD-11**

Chair(s): August Colenbrander, Satoshi Kashii

Description:
This symposium highlights new International Classification of Diseases, ICD-11 that is due by 2017. Physicians agree that the present coding systems are outdated regardless of ICD-10 or ICD-9-CM. Approved by WHO in 2008, International Council of Ophthalmology formed the Ophthalmology Topic Advisory Group to create the ICD-11 on the Internet through the Collaborative Authoring Tool Platform similar to Wikipedia with a strict editorial system. It incorporates definitions and linkages to other terminologies such as SNOMED-CT. It will be readily integrated into routine practice in different settings including primary care, more specialized clinical care and research. The symposium addresses how the ICD-11 would impact our future ophthalmic practice and current key issues concerning the ICD 11 beta version. Unique educational applications of its multiple linguistic representations and disorders of visual sense that features our chapter will be detailed.

Opening Remarks
Hugh Taylor, ICO President

Overview of ICD-11 Ophthalmology
Satoshi Kashii

ICD-11 and Terminology
P. Lloyd Hildebrand

ICD-11 and Tumor Classification
Tero Kivela

ICD-11 and Ophthalmic Education
Karl Golnik

Vision and ICD-11
August Colenbrander
Interactive Session

Periocular Rejuvenation, Subtlety as a Specialty (An Interactive Session): Surgical, Minimal Invasive and Non-surgical Rejuvenation Around the Periocular Region with Emphasis on Subtlety

Chair(s): Vinod Gauba, Guillermo Salcedo, M. Reza Vagefi

Description: Current procedural trends have demonstrated a shift from aesthetic surgical interventions to minimally invasive procedures that offer predictable outcomes with little downtime and a more favorable risk profile. This session provides a sensible approach for the evaluation of patients interested in such interventions. A specific focus on subtlety and achieving a pleasing aesthetic result that is natural yet restorative is presented. Experts in the field cover techniques to rejuvenate the various aesthetic units of the ocular adnexa in practical fashion that meets patient expectations while remaining within the confines of each intervention. The session will conclude with interactive case studies involving the panel with audience participation welcomed.

Assessment: Evaluating and Delivering a Customized Plan
M. Reza Vagefi

Periocular Skin Rejuvenation
Wendy Lee

Periocular Rejuvenation with Injectables: Subtlety is Key
Sabrina Shah-Desai

Rejuvenation of the Lateral Canthus
Guillermo Salcedo

Brow Rejuvenation: Subtlety is Key
Vinod Gauba

Managing Subtle Asymmetry
Robert Goldberg

(PAAO) A Contemporary View of Diagnosis and Treatment of Anterior Segment Diseases: Things You Don’t Want to Miss

Chair(s): Richard Abbott, Guillermo Amescua, Paulo Dantas

Description: This symposium aims for transmitting current and relevant information on cornea and external diseases through a group of experienced and prominent ophthalmologists.

Acanthamoeba Keratitis: Am I Missing Something?
Denise De Freitas

Imaging for Ocular Surface Tumors
Carol Karp

Early Keratoconus: If I See It, Should I Treat It?
Ana Luisa Hofling

Ocular Allergy: How to Avoid and Treat Efficiently
M. Cristina Nishiwaki

Fungal Keratitis in the 21st Century
Guillermo Amescua

Cicatricial Conjunctival Disease: Mucous Membrane Pemphigoid and Stevens Johnson Syndrome
Enrique Graue-Hernández

Ocular Rosacea: Update
Mark Mannis

Corneal Trauma
Richard Abbott

New and Evolving Technology in Cataract Surgery

Chairs: Roberto Bellucci and Arturo Chayet

Description: This symposium will present some of the most exciting new technologies for refractive IOLs, automated capsulotomy, and non-laser nuclear fragmentation.
Sunday, February 7th

IS-SU-4/ 8:30 – 10:00/ Guadalajara 7

Wilmer Eye Institute: current state of ocular conditions for the comprehensive ophthalmologist

Chairs: Peter McDonnell, J Fernando Arévalo

Description:
This course will discuss the current state of ocular conditions for the comprehensive ophthalmologist, including retinal diseases and surgery, cornea diseases and surgery, glaucoma, malignant melanoma, uveitis, oculoplastics, and cataract. Experts from the Wilmer Eye Institute at Johns Hopkins University will discuss the impact that several ocular conditions have had worldwide and its current management. Topics will be rotated every year to cover a wider variety of diseases. OBJECTIVE At the conclusion of this course, participants will understand a variety of ocular conditions and its management in and outside the United States based on Wilmer international experience.

Introduction
Peter McDonnell

Deep Anterior Lamellar Keratoplasty: The New Penetrating Keratoplasty
Ashley Behrens

Femtosecond laser assisted cataract surgery
William May

Uveal Melanoma: New Frontiers in Prognostication and Treatment
Mary Beth Aronow

Nanotechnology and the Death of Eye Drops
Peter McDonnell

Tattoo associated Uveitis
Ashvini Reddy

Nano-Medicine and Regenerative Medicine: The New Frontiers of Corneal Transplantation
Samuel Yiu

Update on Idiopathic Orbital Inflammation and IgG4
Roxana Rivera

Small-gauge vitrectomy: Smaller is Better
J. Fernando Arévalo

Final considerations & Questions
J. Fernando Arévalo

IS-SU-462/ 8:30 - 10:00/ Mueble I & II

(PAAO) Challenging Cases in Inflammatory Eye Diseases

Chair(s): Lourdes Arellanes, Careen Lowder, Cristina Muccioli

Description:
The presentations will emphasize clinical findings, evaluation, differential diagnoses and treatment of challenging uveitis patients.

Challenging Case 1
Careen Lowder

Challenging Case 2
H. Nida Sen
Sunday, February 7th

Challenging Case 3
Debra A. Goldstein

Challenging Case 4
Cristina Muccioli

Challenging Case 5
Rubens Belfort

Challenging Case 6
Lourdes Arellanes

Challenging Case 7
Alejandra De La Torre

Challenging Case 8
Manfred Zierhut

Challenging Case 9
Luz Concha

IS-SU-477/ 8:30 - 10:00/ Alcade

Interactive Session

Global Diabetic Eye Care: International Diabetic Eye Screening, Innovations and ICO Diabetic Guidelines

Chair(s): Lloyd Aiello, Mahi Muqit, Juan Verdaguer

Description:
In the era of the global diabetes epidemic, 0.6 billion diabetics are predicted by 2035. Diabetic retinopathy education and screening coupled with country-specific programmes are being developed in the light of innovative screening models, new technology, and modern laser techniques. The ICO Diabetic Eye Care Guidelines provide an important framework for international programmes to refine screening practices, and these will be explored with leading experts. This special ICO symposium will showcase the experiences of successful projects, educational tools for ophthalmologists and graders, and innovative approaches for developing an international diabetic retinopathy screening programme in a host country.

Expanding DR Screening in Indonesia
David Friedman

Showcase of Diabetic Retinopathy Screening Programmes in Resource Poor Country-Rwanda
Ciku Mathenge

Electronic Decision Making and Better Patient Self Management
Lesley Podesta

Smartphone and Tablet Technology in Diabetic Retinopathy Screening
Sunil Moreker

E-learning for ICO Diabetic Eye Care Guidelines
Eduardo Mayorga

Global Dissemination of ICO Diabetic Guidelines: Success and Challenges Ahead
Neeru Gupta

Benchmarks for Diabetic Screener/Graders: Certification, Testing and Training
Mahi Muqit

IS-SU-519/ 8:30 - 10:00/ Joya I & II

(ISOP) Symposium: Infection of the Eye and Adnexa

Chair(s): Sarah Coupland, Steffen Heegaard

Description:
This session will provide some interesting case reports demonstrating the clinicopathological findings of ocular and ocular adnexal infection, revealing how difficult they may be to diagnose clinically, and the investigations required and undertaken to identify the microorganism causing the infection.

Commencing the session will be the 'Gordon Klintworth ISOP Lecture' given in memory of Gordon K. Klintworth who passed away on August 8th 2014 after battling 7 years with cancer. Dr. Klintworth founded the International Society of Ophthalmic Pathology (ISOP) and became its first president in 1988. This group continues to have an international presence under the current president, Sarah Coupland, MD, PhD. In honour of Dr. Klintworth's contributions to ocular pathology, the ISOP will hold the inaugural 'Klintworth lecture' as part of its symposium every two years at the World Ophthalmology Congress (WOC) and this lecture, to be given by a person of standing in eye pathology, will be published in the Journal "Ocular Oncology and Pathology".
Ocular Coherence Tomography: Clinicopathologic Correlations
Ralph Eagle Jr.

Corneal Graft Infection by Unusual Candida Species
Hind Alkatan

Subconjunctival Dirofilaria Repens Infestation: A Light and Scanning Electron Microscopy Study
Steffen Heegaard

Ocular Infection
Charles Eberhart

Intraocular Toxoplasmosis
Sarah Coupland

Orbital Aspergillosis
Geeta Vemuganti

Dacryostenosis and Dacryocystitis: Caused by an Unexpected Pathogen
Daniel Briscoe

IS-SU-113/ 10:30 - 12:00/ Guadalajara 2
(AOS) Update on Retinoblastoma
Chair(s): Marilyn Miller, Emma Teresa Villaseñor, Edward Wilson

Description:
Retinoblastoma is the most common primary intraocular malignancy of childhood. In recent years, there has been remarkable progress in the understanding and targeted treatment of this important childhood cancer. In this symposium, international experts will summarize new developments that have improved survival, preserved vision, and even prevented second cancers. They will also discuss the challenges of providing access to care to those in developing nations.

Historic View of Retinoblastoma
Hans Grossniklaus

Update on Retinoblastoma Pathology
Ralph Eagle

Advanced Retinoblastoma: IAC vs. Enucleation; A Point / Counterpoint
Carol Shields, Matthew Wilson

Retinoblastoma in México
Juan Carlos Juárez

Genetic Counselling: An Overview
Elias Traboulsi

Retinoblastoma Genetics 2016
Irene Maumenee

IS-SU-119/ 10:30 - 12:00/ Salón Tequila
(AAO and OSWI) Diabetic Retinopathy from Screening to Surgery
Chair(s): Ronnie Bhola, R.V. Paul Chan

Does Concurrent Diabetes and Sickle Cell Worsen the Retinopathy?
Lizette Mowatt

Vitrectomy Surgery in the Caribbean
Ronnie Bhola

Ocular Telemedicine and Diabetic Retinopathy Diagnostics in the Age of Citizen Science and Mobile Technology in Medicine
Delia Cabrera

Diabetic Retinopathy Screening in the Caribbean: Gazing into the Future
Nilesh Persad

5 Year Results of Anti-VEGF for Diabetic Retinopathy
Lihteh Wu

Surgery for DME
Virgilio Morales

Update on Evidence-Based Treatment of Diabetic Macular Edema and/or Update on Evidence-Based Treatment of Proliferative Diabetic Retinopathy
Jennifer Sun

MIVS for Diabetic Retinopathy
Maria Berrocal
IS-SU-135/ 10:30 - 12:00/ Guadalajara 8

Metastatic Disease, Melanomas and Angioma

Chair(s): Emiliano Fulda

Update on Melanocytic Tumors
Vasiliki Poulaki

Fine Needle Aspiration Biopsy in Melanocytic Tumors
David Pelayes

Genetics and Melanoma
Hatem Krema

Biopsy in Non-Melanocytic Tumors
Daniel Moreno

When to Think of Metastatic Disease?
Luis Porfirio Orozco

IS-SU-204/ 10:30 - 12:00/ Alcâde

(IOIS) Controversies in Diagnosis and Management of Granulomatous Uveitis

Chair(s): Kalpana Murthy, Narsing Rao

Description:
The objective of this session is to present different controversies surrounding diagnosis and management of different types of granulomatous uveitis like tubercular uveitis, sarcoid uveitis, viral uveitis, toxoplasma uveitis, VKH and sympathetic ophthalmia. This session aims to allay doubts regarding the diagnosis and the preferred drug/duration of treatment in the above types of uveitis

Target audience: Intermediate level and comprehensive ophthalmologists

Controversies in Diagnosis of Intraocular Tuberculosis in Endemic Countries
Shishir Narain

Management of Intraocular Tuberculosis in Non-endemic Countries
Bahram Bodaghi

Treatment of Acute VKH with Immunomodulatory Agents
Lourdes Arellanes

Diagnosis of Ocular Sarcoidosis in Tuberculosis Endemic Regions
Kalpana Murthy

Prevention of Sympathetic Ophthalmia
Lucia Sobrin

IS-SU-151/ 10:30 - 12:00/ Moda

Comprehensive Eye Care or Disease Specific Approaches?

Chair(s): Silvio Mariotti, Henry Nkumbe, Fernando Yaacov

Description:
Today the main causes of visual impairments are chronic eye diseases, which require professional knowledge, equipment and patients' education to successfully avoid blinding consequences. While the comprehensive eye care approach promise to unify all this for the patient safety and quality of care, this session will explore to which extent the sophisticated knowledge required can be realistically expected from a comprehensive ophthalmologist? Leading sub-specialty professionals will discus if, and how, can top quality sub-specialty eye care can be delivered in acomprehensive eye care framework.

Comprehensive Eye Care
Silvio Mariotti

Cataract Management as Part of Comprehensive Eye Care
Gullapalli Rao

Refractive Errors Management as Part of Comprehensive Eye Care
Kovin Naidoo

Glaucoma management as Part of Comprehensive Eye Care
David Friedman

Diabetic Retinopathy Management as Part of Comprehensive Eye Care
Henry Nkumbe

Childhood Eye Diseases as Part of Comprehensive Eye Care
Celia Nakanami
Local Versus Systemic Treatment of Ocular Toxoplasmosis
Ann-Marie Lobo

IS-SU-263/ 10:30 - 12:00/ Guadalajara 3

Interactive Session

Lacrimal Management (An Interactive Session): Diagnostic, Therapeutic from Minimal Invasive, Standard to Conventional Types
Chair(s): Reynaldo Javate

Description:
This symposium will present a comprehensive understanding of the current surgical techniques of the lacrimal system; catering to beginning as well as experienced ophthalmologists. The Anatomy and Physiology of the Lacrimal Passage will be reviewed. A discussion on the general indications for and operative approaches to the obstructed nasolacrimal system will be made.

Choice of procedures will be considered in the light of currently available evidence and finer points of surgical techniques. Congenital nasolacrimal duct obstruction, proximal canalicular obstructions, external, transnasal, and endonasal DCR and transcanalicular recanalization will be included among other topics.

The use of the endoscope and microendoscope in diagnosis and management of lacrimal disorders, lacrimal surgery in children, placement of Jones tubes and intubation will be covered.

The current management practices for a wide spectrum of lacrimal disorders will be tackled, uncovering minimally invasive, standard and conventional options.

Balloon Assisted Transcanalicular Endoscopic Lacrimal Duct Recanalization
Reynaldo Javate

Congenital Lacrimal Duct Obstruction
Pedro Bravo, Gonzalo Matus

Nasolacrimal Duct Intubation for Adults Using Lacrimal Endoscope and Self Retaining Lacrimal Stents
Toru Suzuki

Anatomy and Physiology of Lacrimal Passage
Hirohiko Kakizaki

Extended Endoscopic vs. External DCR: 5 Years Follow Up
Ariel Ceriotto

Endonasal DCR for the 21st Century
Yasser Khan

Endoscopic Lacrimal Surgery in Children
Ángela Dolmetsch

IS-SU-2921/ 10:30 - 12:00/ Guadalajara 9 & 10
(PAAO and PAGS) Glaucoma: At the Leading Edge
Chair(s): Jesús Jiménez-Román, Fabián Lerner, Rodolfo Pérez

Central Visual Field Analysis in Glaucoma
C. Gustavo De Moraes

The Lamina Cribrosa in Glaucoma Physiopathology and Management
Tae Woo Kim

Intracranial Pressure and Glaucoma: What Should We Know?
Ningli Wang

What is New in Angle Surgery?
Robert Weinreb

Integrating Structure and Function: problems and Solutions
Augusto Paranhos

IS-SU-2943/ 10:30 - 12:00/ Guadalajara 4

Femtosecond Laser for Corneal Surgery
Chair(s): Dimitri Azaar, José De La Cruz

Description:
This symposium will provide an overview of the most useful surgical applications of the Femtosecond laser technology for corneal surgery.
Principles of Femto-Laser Technology and Applications to Decrease Corneal Transplant Induced Astigmatism
Dimitri Azaar

Combining OCT Imaging with Femto-Laser Technology for Corneal Surgery
José De La Cruz

Femtosecond Laser for Lamellar and Penetrating Corneal Surgery
Enrique Graue-Hernández

Experience with the Zimer Z2 and Z8 Laser
Luis Izquierdo

Femtosecond Laser Assisted DALK
Namrata Sharma

Femtosecond Laser Assisted Anterior Lamellar Keratoplasty
Sonia Yoo

IS-SU-300/ 10:30 - 12:00/ Salón Tlaquepaque

Ocular Drug Delivery
Chair(s): Baruch Kuppermann, Gursel Yilmaz

Description:
This symposium describes the latest and useful ocular drug delivery systems. Also different delivery systems and the new delivery methods of the most often used drugs will be discussed. A broad spectrum of delivery methods from topical application to cell based systems of drugs to the eye will be presented.

Liposome and Microsphere Drug Delivery
José Augusto Cardillo

Refillable Reservoir Drug Delivery
Mark Humayun

Steroid Drug Delivery
Anat Loewenstein

Topical Drug Delivery
Masahiko Shimura

Neurotech ECT Cell Based Drug Delivery Technology
Baruch Kuppermann

IS-SU-347/ 10:30 - 12:00/ Calzado I & II

Infections, Complications and Solutions
Chair(s): Masahiko Fukuda, Mark Willcox

Next-Generation Sequencing Data of Soft Contact Lens Storage Case Contaminations
Hiroshi Eguchi

Cosmetic Contact Lenses and Infections
Junko Tsukiyama

Risk Factors for Microbial Contamination
Nallely Ramos

Genetic Susceptibility to Microbial Keratitis
Mark Willcox

Current Aspects of Acanthamoeba Keratitis
Yoshitsugu Inoue

IS-SU-489/ 10:30 - 12:00/ Salón de Eventos 1

(IJCAHPO) Eye Care Personnel. Resources for Effective Training
Chair(s): Lynn Anderson, Ivo Kocur

Description:
This course will review resources and new technologies for teaching residents, nurses and allied ophthalmic personnel. Presenters will address techniques for training trainers and the eye care team, as well as showcasing new technologies available and finding resources and international partners for collaboration.

Train the Trainer: An Educational Model for the Eye Care Team
Lynn Anderson

Innovative Technologies for Teaching the Eye Care Team
William Astle

The Use of Smartphone Technology for Enhancing Eye Care
Neeru Gupta

Tips and Tricks for Teams to Work Efficiently
Eduardo Mayorga
Training Trainers: Aravind’s EyeExcel Program  
Suzanne Gilbert

How to Find Available Educational Resources and International Partners for Collaboration  
Ivo Kocur

IS-SU-491/ 10:30 - 12:00/ Salón de Eventos 2
International Ophthalmic History
Chair(s): Albert Franceschetti, Andrzej Grzybowski

Description:
A session in which different studies from around, during different historic periods of the world of the history of ophthalmology will be presented allowing the share of ideas and experiences facilitating the networking among those interested in the field.

The Travelling Oculist: The Chevalier Taylor’s Itineraries  
Hans-Reinhard Koch

Amsler and His Grid  
Albert Franceschetti

Daza de Valdes (1591-1634): Pioneer of Physiological Optics  
Javier Jiménez

Wegener’s Granulomatosis: Should We Change the Name of the Disease?  
Andrzej Grzybowski

History of Angle Closure  
Robert Ritch

The Internationalization of Ophthalmology  
Bruce Spivey

IS-SU-518/ 10:30 - 12:00/ Guadalajara 5
Advances in Customized Refractive Treatments and Femtosecond Lasers in 2016
Chair(s): Everardo Hernández, Gerard Sutton

Description:
Advances in customized refractive treatments and femtosecond lasers in 2016.

Femtoflap For an Optimized LASIK  
Parag Majmudar

Femtosecond and Intracorneal Ring Segment for a Gain in Efficacy  
David Touboul

The Place of Femtosecond in Keratoplasty  
Gerard Sutton

Relex Concept to Replace Photo Ablation?  
Catherine Ganem

Femtocataract for an Optimized Lensectomy?  
Zoltan Nagy

Femtolens Incisions for Accommodation Restoration  
Ronald Krueger

IS-SU-826/ 10:30 - 12:00/ Salón Zapopan
(NANOS) A Practical Approach to the Patient with Common Neuro Ophthalmologic Presentations
Chair(s): Karl Golnik, Aki Kawasaki

Description:
This symposium will provide a practical step-by-step approach to common neuro-ophthalmologic presentations. Each talk will begin with a case followed by discussion of the crucial historical and clinical findings that lead to the correct diagnosis. Differential diagnosis and appropriate management will be discussed.

The Patient Who Presents with Monocular Transient Visual Loss and Normal Examination  
Emely Karam
The Patient Who Presents with Acute Visual Loss and Monocular Optic Disc Swelling
Carmen Chan

The Patient Who Presents with Bilateral Optic Disc Swelling
Aki Kawasaki

The Patient Who Presents with Optic Atrophy
Peter Quiros

The Patient Who Presents with Ptosis
Prem Subramanian

The Patient Who Presents with Double Vision
Karl Golnik

SE-SU-4/ 10:30 – 11:15/ Guadalajara 7
Evento Especial Sociedad Mexicana de Oftalmología

Presiden: Enrique L. Graue, Presidente del Comité Organizador WOC2016 / XXXIII Congreso Mexicano de Oftalmología
Luis Porfírio Orozco, Vicepresidente de la Sociedad Mexicana de Oftalmología

Conferencia Magistral “Sociedad Mexicana de Oftalmología”

José Antonio Salazar: Diagnóstico oftalmológico en pacientes pediátricos
Presenta: Ricardo Trigo

SE-SU-4/ 11:15 – 12:00/ Guadalajara 7
Mesa Redonda Magistral “Dr. Antonio Torres Estrada”

José Dalma: Trauma orbitario y ocular
Panelistas: Ariel Ceriotto, Efrain Romo, Fernando Peniche, Santiago Garcia

IS-SU-105/ 14:00 - 15:30/ Guadalajara 2
(AAPOS) Difficult Problems in Strabismus

Chair(s): Jane Edmond, Leónardo Fernández, David Plager

Description:
The most common conditions encountered by pediatric ophthalmologists concern strabismus. Patients that present with straightforward unoperated strabismus do not present a challenge. However, patients who present with very complex strabismus or null point nystagmus pose diagnostic and therapeutic challenges: nystagmus with a torsional component, strabismus secondary to thyroid eye disease, orbital trauma, cranial nerve palsies, aberrant innervation, and age-related orbital anomalies. This symposium will specifically deal with rarer and more atypical presentations of strabismus that present a knowledge gap to the practicing pediatric ophthalmologist.

Against the Rule Torsional Nystagmus Surgery
Federico Vélez

Thyroid-related Strabismus: Do any Rules Apply?
Prem Subramanian

Strabismus Due to Orbital Fractures
Jonathan Holmes

One Eye Is the Problem but the Other Eye Is the Solution
Edward Buckley

Horizontal Muscle Anterior Exirpation (Sinskey Procedure) for Nystagmus: Modifications to Reduce Post-Operative Exotropia
Edward Wilson

Results of Lateralis Splitting in 3rd Nerve Palsy
Birgit Lorenz

Co-Contraction Strabismus: Undoing What Was Done
Michael Struck

Sudden Onset, Acquired Strabismus in the Elderly: Think of the Sagging Eye Syndrome (SES)
Zia Chaudhuri
IS-SU-257/ 14:00 - 15:30/ Guadalajara 3

(APSOPRS) Orbital Diagnosis and Management: The Current Status

Chair(s): Chai Teck Choo, Ashok Grover, Hirohiko Kakizaki

Description: The session aims to bring an update on the current status in the diagnosis and management of the Orbital disorders. The diagnostic and therapeutic aspects in the rapidly evolving fields of Orbital lymphoma and Orbital inflammations will be presented. Orbital secondary and metastatic tumours will be highlighted. Current aesthetic and minimally invasive surgical approaches for Orbital tumours will be presented.

Clinical and Radiological Features of Orbital Lymphoma
HeeBae Ahn

Update on Ocular Adnexal Lymphoproliferative Disease
Timothy Sullivan

Orbital Inflammation, Is Biopsy Necessary or Not?
Chai Teck Choo

Secondary and Metastatic Tumors of the Orbit
Kasturi Bhattacharjee

Aesthetic Approaches to Orbital Space Occupying Lesions
Ashok Grover

The Emerging Concepts of Orbital Complex Fracture Repair
Xianqun Fan

Thyroid Eye Disease: Minimally Invasive Approaches for Orbital Decompression
Robert Goldberg

Thyroid Eye Disease: Eyelid Surgeries
Hirohiko Kakizaki

IS-SU-226/ 14:00 - 15:30/ Guadalajara 4

(PanCornea) How to Reconstruct the Ocular Surface

Chair(s): Guillermo Amescua, Alejandro Navas

Surgical Rehabilitation for Patients with End Stage Steven Johnson Syndrome
Sayan Basu

Experience with the Boston Type 1 Keratoprosthesis in México
Enrique Graue-Herrández

Amniotic Membrane for the Ocular Surface
Miguel López

Treatment for Patients with Limbal Stem Cell Deficiency (LSCD)
Víctor Pérez

Oral Mucosal Transplantation for the Reconstruction of the Ocular Surface
José Álvaro Pereira

IS-SU-530/ 14:00 - 15:30/ Guadalajara 5

Refractive Lens Surgery: When, How and Why?

Chair(s): Nada Jabbur, Everardo Hernández

Description: Refractive Lens Surgery

Role of Phakic IOLs in High-Risk Corneas
Béatrice Cochener

Quality of Life After Refractive Surgery
Ronald Krueger

Topography Guided Treatment
Gerard Sutton

The Role of Piggy Back IOLs in Refractive Surgery
Pascal Rozot

Management of Dissatisfied Patients after Advanced IOL Technologies
Terrence O'Brien
How Do I Pick the Best Intraocular Lens for Each Patient
Simonetta Morselli

**IS-SU-5/ 14:00 – 15:30/ Guadalajara 7**

**Manifestaciones neurooftalmológicas y orbitarias de tumores. Diagnóstico, tratamiento y secuelas**

**Moderadores:** Evalicia Murúa, Pedro Iván González

**Descripción**
Se tratará el tema de la patología orbitaria más frecuente con importancia desde el punto de vista neuro oftalmológico, donde expertos en el área de oculoplástica y neuro oftalmología hablarán acerca de la exploración neurooftalmológica, principales manifestaciones clínicas, métodos de diagnóstico, perspectivas de tratamiento quirúrgico y la rehabilitación de sus probables secuelas.

**Objetivo** también es identificar momentos de oportunidad que comparten ambas subespecialidades y sugerir estrategias para el diagnóstico, referencia oportuna o posible tratamiento de pacientes con este tipo de patología orbitaria.

**Exploración clínica neuro oftalmológica en tumores orbitarios**
Thamar Gómez

**Tumores orbitarios más frecuentes con manifestaciones neuro oftalmológicas y manejo no quirúrgico**
Raquel Sánchez

**Manejo quirúrgico de tumores orbitarios con manifestaciones neuro oftalmológicas. Abordajes orbitarios y abordajes multidisciplinaRíos.**
Alfio Piva

**Secuelas neuro oftalmológicas de tumores orbitarios y manejo**
Irene González

**MESA REDONDA**

**IS-SU-122/ 14:00 - 15:30/ Guadalajara 8**

**(EuroLam Retina Vitreoretinal Interface Latest Developments**

**Chair(s): David Pelayes, Gisbert Richard**

**Descripción:**
Using intraoperative videotapes and case presentations, a panel of internationally recognized experts will demonstrate their approach to various types of diseases involving the vitreoretinal interface.

**Update Macular Pucker**
René Cano

**MEWDS and Management of Complications**
Francesco Bandello

**Surgical Management, Clinical Cases**
Federico Graue

**Management Corneal Bad Visualization and Vitrectomy**
Pablo Chiaradia

**Different Aspects of Vitreo Macular Interface Problems in Diabetic Patients**
Faisal Fayyad

**Diabetic Macular Edema and VR Interface**
Stefan Seregard

**Radiation Maculophaty**
Arun Singh

**Discussion**
Gisbert Richard, David Pelayes

**IS-SU-150/ 14:00 - 15:30/ Moda**

**Emerging Issues and Hot Topics**

**Chair(s): Mingguang He, Serge Resnikoff, Glenn Strauss**

**Descripción:**
This session will address one major emerging issue, the global epidemics of Myopia and High Myopia, and two hot topics: the use of surgical simulators and the pressing need to improve the quality of cataract surgery in areas of limited resources.
Myopie and High Myopie: Prevalence and Trends
Kovin Naidoo

High Myopia: A Growing Public Health Issue
Mónica Jong

Myopia Control: Evidence to Inform Policy
Padmaja Sankaridurg

The Evolution of New Training Paradigms Based on Simulator Technology Advancements
Glenn Strauss

Cloud-based Surgical Outcome Monitoring System and GIS-GPS Solution for Patient Mobilization/Post-surgery Follow-up
Venkat Sambandhamoorthy

Assessing Cataract Surgery Quality in Areas of Limited Resources
Nathan Congdon

IS-SU-176/ 14:00 - 15:30/ Salón Tonalá

(OOG) Lacrimal Gland Non neoplastic and neoplastic lesions

Chair(s): Daniel Briscoe, Sarah Coupland, Steffen Heegaard

Description:
The session will give an update on lacrimal gland lesions and tumours. The clinical and paraclinical examinations on these patients will be discussed. The newest management of these tumours will be presented.

Medical Cancer Therapy of Lacrimal Gland Tumors
Christophe Le Tourneau

Genetic Alterations in Tumors of the Lacrimal Gland
Sarah von Holstein

Epidemiology of Lacrimal Gland Lesions in Denmark Over 30 Years
Steffen Heegaard

Tumors of the Lacrimal Gland
Sarah Coupland

Surgical Treatment of Lacrimal Gland Tumors
Daniel Briscoe

IS-SU-216/ 14:00 - 15:30/ Salón de Eventos 1

Ethics in Ophthalmic Practice and Research

Chair(s): Neeru Gupta, Kadircan Keskinbora, Pinar O’Dwyer

Description:
This session will cover core concepts in ethics and professionalism, and will highlight strategies to consider and incorporate them into daily ophthalmology clinical practice and research settings.

What is “Ethics” and how can we teach it?
Pinar O’Dwyer

When does “Professionalism” Become “Unprofessional”?
Neeru Gupta

“Professionalism” - How Can We Teach It?
Karl Golnik

The Ethics of Teaching Surgical Skills
Chryssa McAlister

The Ethics of Press Releases for Scientific Research Results
Pamela González

Ethical Considerations for Clinical Trials?
Kadircan Keskinbora

IS-SU-223/ 14:00 - 15:30/ Salón de Eventos 3

Management of Anterior Segment Injuries

Chair(s): Sundaram Natarajan, Bade Ogundipe, Carlos Restrepo

Description:
Assistant will be able to review current practices in management of anterior segment injuries including how to treat traumatic cataracts, subluxated lens, adequate corneal wound and iris repair.

Management of Traumatic Cataract
Carlos Restrepo

Subluxated Cataract
Mauricio Vélez
Sunday, February 7th

Traumatic Cataract in Children
Ángela Fernández

Improved Outcome with Laser Assisted Corneal Surgery in Traumatized Eyes
Arne Viestenz

Corneal Wound and Iris Repair
Santiago García

Trauma and Glaucoma
Rafael Castañeda

IS-SU-11/ 14:00 - 15:30/ Salón de Eventos 5

(International Agency for the Prevention of Blindness): Global and Regional Prevention of Blindness: Progress towards Vision2020, Global and Regional Actions Plans

Chair(s): Juan Batlle, Fernando Barria

Description: In this session, progress towards Vision 2020 goals and objectives as well as the Global and Regional action plans will be presented. With presentations and participation from government, INGO, ophthalmic associations, and institutions, we will touch on various studies and report on the progress towards the elimination of preventable blindness both globally and regionally (Latin America).

Global Progress towards Prevention of Blindness.
Peter Ackland

Advances and Challenges towards the Prevention of Blindness in Latin America
Juan Carlos Silva

Guidelines in Glaucoma in Latin America
Fernando Barria

Results of Population Based Studies in Mexico
Pedro Gómez

The Pan-American Association of Ophthalmology's (PAAO) role in Prevention of Blindness
Liana Ventura

A discussion of a 9-year Cataract Surgical Rate study in Latin America
Van C. Lansingh

IS-SU-2929/ 14:00 - 15:30/ Salón Zapopan

Curing, Caring, Coping: Tools to Help Your Patient Cope

Chair(s): Jillia Bird, Robert Ritch

Description:
As ophthalmologists, we are used to solutions like glasses and cataract surgery, where patient CARE also means CURING the disorder. As our population ages, we have to confront chronic diseases, such as AMD and Glaucoma, where a definitive CURE is elusive, while CARE is still needed to help the patient COPE. This symposium will discuss some of the tools that can help you do this.

Scotoma Awareness: Keeping Your Patients Out of Danger
Joséph Lovett

Avoiding a Journey into Darkness: Patients’ Experiences
María Gorby

Guidelines on the Referral of Visually Impaired Persons to Low Vision Services
Ger Rens

Increasing Glaucoma Patients’ Awareness and Empowerment
Isis Penido

Increasing Glaucoma Patients’ Awareness and Empowerment
Paulo Penido

The Role of Rehabilitation
August Colenbrander
IS-SU-302/ 14:00 - 15:30/ Salón Tlaquepaque

**Anti-VEGF Therapy for Posterior Segment Diseases: Risks and Benefits**

Chair(s): *Usha Chakravarthy, Baruch Kuppermann, Anat Loewenstein*

Description: The symposium will focus on various anti VEGF therapies for diabetic retinopathy, age related macular degeneration and retinal vein occlusion. The risks and benefits of each drug administration for each disease will be described and discussed.

Combining Anti-VEGF and Anti PDGF Will Increase Safety and Efficacy?

*Samir Patel*

State of the Art Treatment of RVO with Anti VEGF

*Albert Augustin*

Predictive Biomarkers in Anti-VEGF Therapy

*Ursula Schmidt*

Comparing Therapies in Terms of Safety and Efficacy

*Usha Chakravarthy*

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IS-SU-315/ 14:00 - 15:30/ Alcade

*(ISGEO) What Do Epidemiologic Studies Forecast about the Challenges in Ophthalmology in the Next Decade?*

Chair(s): *Marie-Josée Aubin, Amir Kello*

Blindness and Visual Impairment in Latin America: Achievements, Opportunities, and Challenges

*Marie-Josée Aubin*

Epidemiological Trends in Blindness and Visual Impairment in Africa

*Kolawole Ogundimu*

The Cataract Challenge: Would There Still Be Enough Cataracts Around?

*Parikshit Gogate*

Glaucoma and Diabetic Retinopathy: An Epidemic on the Horizon or Unnecessary Anxiety?

*Rajiv Khandekar*

Refractive Errors: More Than It Meets The Eye

*Praveen Vashist*

Retinopathy of Prematurity: Can We Conquer this Very Avoidable Cause of Blindness?

*Anand Vinekar*

Childhood Blindness: The New Challenges

*Victoria Sheffield*

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IS-SU-343/ 14:00 - 15:30/ Calzado I & II

**Post-Refractive Surgery and Contact Lenses: Contact lens Complications**

Chair(s): *Shigeru Kinoshita, Bruce Koffler*

Description: Post-refractive surgery and Contact Lenses / Contact lens Complications

Contact Lens Wear Post Refractive Cataract Surgery: Patients Satisfaction

*Ursula Vogt*

Rigid Gas Permeable Contact Lens with Reverse Geometry Design for Eyes Following Refractive Surgery

*Naoyuki Maeda*

CRT: Correcting Residual Refractive Errors

*Penny Asbell*

Introducing the Ultra Health SynerEyes Hybrid Lens for Post Refractive Corneal Flats

*Bruce Koffler*

The Challenge of Contact Lens: Our Options in Post-Refractive Surgery

*Tania Schaefer*

PostRefractive Surgery Contact Lens Fitting Feeds Individual Strategies

*Gudrun Bischoff*

Contact Lens Related Keratitis and the Role of Tap Water

*Deepinder Dhaliwal*
“Peter Halberg Lecture” Contact Lens Complications: From Basic Research to Clinical Practice
Yoshikazu Shimomura

IS-SU-498/ 14:00 - 15:30/ Salón Tequila
(SPRV) New Trends in Management of Vitreoretinal Diseases
Chair(s): Mauricio Maia, José Roca, Francisco Rodríguez

Description:
The symposium will discuss the new trends in management of vitreoretinal diseases. The 10-years experience of intravitreal bevacizumab injection for a variety of vitreoretinal diseases will be discussed as well as the surgical innovations such as the trends in pediatric vitreectomy, new concepts in surgical management of macular holes, epiretinal membranes and vitreoretinal traction syndrome.

Additionally, the advances in phaco-vitrectomy will be covered as well as the preoperative use of bevacizumab in proliferative diabetic retinopathy (PDR) and the modern instrumentations used in PDR surgical techniques. Finally, the primary vitrectomy X buckle technique for rhegmatogenous retinal detachment repair as well as the current status of epiretinal prostheses surgical implantation will be also discussed.

Intravitreal Bevacizumab Injection for Vitreoretinal Diseases: 10 Years Experience of PACORES
Lihteh Wu

Future Trends in Pediatric Vitrectomy
Audina Berrocal

New Concepts in Surgical Management of Vitreoretinal Interface Diseases
Mauricio Maia

Advances Phaco-Vitrectomy in 2016
Arturo Alezzandrini

Innovative Surgical Techniques for Proliferative Diabetic Retinopathy
Maria Berrocal

Retinal Detachment Repair in 2016
Virgilio Morales

Tips and Tricks in Epiretinal Prostheses Surgical Implantation
J. Fernando Arévalo

IS-SU-509/ 14:00 - 15:30/ Guadalajara 9 & 10
Vasoespasm and Ocular Blood Flow in Glaucoma
Chair(s): Curt Hartleben, Kaweh Mansouri, Aparna Rao

Description:
In this session a clinical case will be presented to help exemplify and discuss the correlation with vasoespasm and ocular blood flow with glaucoma. The genetics, diagnostic methods, different therapeutic approaches suggested, and the ongoing terapias proposed will be exposed.

Ocular Blood Flow in Glaucoma
Vital Costa

Genetic Basis of Vasoespasm and Glaucoma
Ingrida Januleviciene

Future Horizons and New Investigations
Tetsuya Yamamoto

Alternative Treatment Approaches
Chan Yun Kim

Scientific Underpinnings for Vasoespams and Other Vascular Risk Factors
Pedro Corsino

Vascular Changes in Glaucoma: Cause or Effect?
Aparna Rao

IS-SU-106/ 16:00 - 17:30/ Guadalajara 2
(ISA) Contemporary Management of Amblyopia
Chair(s): Andrea Molinari, Michael Repka, Miho Sato

Description:
Amblyopia management has been updated and modified by the results of many clinical trials over the last few years. This evidence base includes both conventional treatments, as well as new research.
showing a benefit of binocular therapy. In this symposium, we discuss binocular treatment, liquid crystal display glasses, patching and atropine drops. The panel will discuss the research support for these treatments as well as how to incorporate them in the care of amblyopic children.

A Randomized Trial of Amblyz Liquid Crystal Occlusion Glasses vs Traditional Patching for Treatment of Moderate Unilateral Amblyopia in Children
Daniel Neely

Amblyopia and Binocular Function
John Sloper

Relevance of Functional Visual Assessment in Non-strabismic Refractive Amblyopia in Children and Adults
Zia Chaudhuri

Standard Method for Treatment of Functional Amblyopia
Vincent Paris

Levorcarbidopa: One Choice
Silvia Moguel

Aniso-accommodation as an Additional Factor in Anisometropic Amblyopia
Anna Horwood

Unexpected PEDIG Clinical Trial Results: 2016
Michael Repk

**IS-SU-267/ 16:00 - 17:30/ Guadalajara 3**

Minimally Invasive Orbital Surgery, Goal or Load, Hidden/ Small Incisional, Orbital Surgery, Discuss its Pros and Cons, Limitations and Indications, Room for Advancement

Chair(s): Lelio Baldeschi, Fernando Colombo, Daniel Rootman

Description:
In this session learners will have the opportunity to interactively acquire knowledge regarding the newest advances in minimally invasive orbital surgery. The session will be divided into three sections focusing on different aspects of minimally invasive orbital surgery. The first will be centered on minimizing anesthesia. Dr Dolman will discuss the various technical and theoretical considerations in performing orbital surgery without general anesthesia.

The second section will focus on minimizing morbidity related to incisions. Drs. Tovilla, Kohn, and Grover will each present approaches aimed at hiding and/or minimizing incisions when operating in both the anterior and posterior orbit. Hidden transconjunctival, transcaruncular, endonasal and transcutaneous approaches will be discussed. In the final section, Drs Corona and Goldberg will present considerations in accessing the posterior and superior orbit through keyhole and bone sparing approaches. Through this session participants will be able to improve their care of patients by minimizing risk and morbidity in orbital surgery.

Orbital Surgery Without General Anesthesia in the Operating Room
Peter Dolman

Conjunctival and Caruncular Approaches
José Luis Tovilla

Trans-Nasal Approaches to the Orbit
Jocelyne Kohn

Lid Crease Approach to Lateral Orbitotomy
Ashok Grover

Small Incision Graded Orbital Decompression for Mild to Moderate Grave's
Jorge Corona

Lacrimal Keyhole for Increasing Exposure in Tumor Excision (and Avoiding a Marginotomy)
Robert Goldberg

**IS-SU-520/ 16:00 - 17:30/ Guadalajara 5**

Cornea and Lens Surgery for Management of Presbyopia

Chair(s): Béatrice Cochener, Gustavo Tamayo

Description:
Cornea and Lens Surgery for management of presbyopia.

What Is the Best Presbylasik in 2016?
Gustavo Tamayo
Femtosecond assisted Phacoemulsification in Special Cases

Chair(s): Ramón Naranjo, Claudio Orlich, Cecilio Velasco

Description:
Femtosecond laser technology helps us to deal with challenging cataract surgery cases. The aim of this symposium is to demonstrate how this technology can help us in different challenging cases and how to use it.

Femtosecond Assisted Phacoemulsification in Children: Can We Do It? Difficulties, and How to Deal With It
Cecilio Velasco

Femtosecond Assisted Phacoemulsification in Hypermature Cataract: Does it Work?
Claudio Orlich

Endothelium 5 Years After Femtosecond Assisted Phacoemulsification
Ramón Naranjo

Keratoprosthesis, Radial Keratotomy and Femtosecond-Assisted Phacoemulsification: Can We Do It?
Guillermo De Wit

Femtosecond-Assisted Phacoemulsification in Shallow Anterior Chamber: Does It Help or Damage?
Rafael Castañeda

Lo nuevo en el manejo de ectasias

Moderador: Narly Ruiz

Descripción: Se presentan los avances en el manejo de las distintas ectasias dependiendo de su evolución, estadio y grado de progresión.

La mesa de discusión abordará la utilidad de las novedades y las indicaciones y resultados reales de las mismas.

Lente escleral
Sandra Villegas

Anillos intraestromales 360 grados
Narly Ruiz

Iontoforesis
Everardo Hernández

Mesa de Discusión
Panelistas: Concepción Santacruz, Jorge Valdés, Francisco Beltrán, Juan Carlos Ochoa, Ramón Naranjo

Myopic CNV: Anti VEGF Therapy
Francesco Bandello

Retinal Artery Occlusion: Surgical Management
José García

Advanced Retinal Imaging
Ursula Schmidt

Combined Sutureless Phacovitretomy for Macular
Gisbert Richard

Early Detection of AMD
Anat Loewenstein

Uveal Melanoma: Current Trends and Perspectives
Stefan Seregard
Stem Cell Therapy in Retinal Diseases Future Perspectives
David Pelayes

**IS-SU-133/ 16:00 - 17:30/ Guadalajara 8**

**Update on Inherited Vitreo Retinopathies**
Chair(s): Carla Montañó
Classification of Inherited Vitreo-Retinopathies
Carla Montañó
Stickler Syndrome, Wagner Syndrome
Ximena Mira
Marfan Syndrome
Camila Ventura
Wagner Syndrome
Mauricio Martínez
Goldmann Favre Syndrome (Enhanced S-cone Syndrome)
J. Fernando Arévalo
Familial Exudative Vitreoretinopathy
Itzel Espinosa
Importance of Genetic Diagnosis and Genetic Counseling
Juan Zenteno
Importance of Prevention
Violeta Robledo
Surgical Experience in Complicated Retinal Detachment
Susana Martínez
Surgical Management and New Perspectives in Management
J. Fernando Arévalo

**IS-SU-228/ 16:00 - 17:30/ Salón de Eventos 3**

**Stem Cell Therapy in Retinal Diseases Future Perspectives**
David Pelayes

**Description:**
Post-Traumatic endophthalmitis is a sight threatening condition. It’s adequate management is of the outmost importance to the trauma surgeon. In this session we will review risk factors, strategies for prevention and treatment options.

**Is Preventing Traumatic Endophthalmitis Possible?**
Hugo Ocampo
Risk Factors for Traumatic Endophthalmitis
Carlos Caballero
Post-traumatic Endophthalmitis in Severe Trauma
Juan Sánchez
Posterior Vitrectomy in Post-Traumatic Endophthalmitis
José Roca
Antibiotic Election in Post-Traumatic Endophthalmitis
Magali Buendía
Management of Late Complications in Post-Traumatic Endophthalmitis
Guillermo Reategui

**IS-SU-2285/ 16:00 - 17:30/ Salón Zapopan**

**Intraocular Pressure (IOP) Measurement in 2016**
Chair(s): Kaweh Mansouri, Robert Ritch

**Description:**
In addition to a comparison of different tonometers, different methods to document diurnal IOP are also covered.

The Need for Better Tonometry Techniques
Kaweh Mansouri
Pneumatonometry in Clinical Practice
John Liu
DCT (Pascal) Dynamic Contour Tonometry
Robert Stamper
Self-Tonometry by Patients
Syrl Dorairaj
Continuous Ambulatory IOP Measurement Using a Contact Lens Sensor
Ellen Shaoying Tan
Continuous Ambulatory IOP Measurement Using a Sulcus-Based Transducer
Samir Melki

IOP And Glaucoma Damage: Gaps in Our Knowledge
G. Chandra Sekhar

**IS-SU-2936/ 16:00 - 17:30/ Alcade**

**Interactive Session**

**ICO Guidelines to Manage Open and Closed Angle Glaucomas**

Chair(s): Neeru Gupta, Hugh Taylor

Introducing ICO Guidelines for Open and Closed Angle Glaucoma
Neeru Gupta

Essential Tools and Clinical Tests to Diagnose Open Angle Glaucoma
Prin Rojanapongpun

How to Recognize Uncontrolled Open Angle Glaucoma and the Need to Add Treatment
Ningli Wang

Management Approach to Open Angle Glaucoma
Fabián Lerner

Panel Discussion
Ivo Kocur, Serge Resnikoff

Essential Tools and Clinical Tests to Diagnose Closed Angle Glaucoma
Nathan Congdon

Management Approach for Angle Closure Glaucoma
Clement Tham

**IS-SU-2956/ 16:00 - 17:30/ Salón de Eventos 9**

**ICO Quiz Elimination Round**

Chair(s): Rashmin Gandhi, Santosh Honavar

Description: Each team, representing the best of residents and fellows in ophthalmology, will compete in a series of rounds. Answering questions based on a picture, video clip, or a sound clue, the teams will cover the entire spectrum of ophthalmology. The decisive "Rapid Fire" round will consist of 10 questions asked and answered by each team in three minutes. There will be an elimination round for all the teams. Top four teams will then advance to the Final Quiz.

Requirements:

- Each team of three must be comprised of residents and fellows in ophthalmology, who are currently in training
- Participants do not need to be society members.
- No fee is required to participate in the quiz.

How to enter:

- Individual Participants (Open Entry): Submit the entry form with the names of your team members and their contact information.
- ICO Member Societies: Submit the entry form with the name of your society, the names of your team members, and contact information for your team members.
- All entries should be e-mailed to: Santosh G Honavar at santosh.honavar@gmail.com as soon as possible, but no later than January 31, 2015.

**IS-SU-346/ 16:00 - 17:30/ Calzado I & II**

**Treatment Options for Myopia Control**

Chair(s): Bruce Koffler

Description: A review of multiple areas of interest involving orthokeratology. These include introduction into different countries, myopia control, safety and efficacy. Ten year results will be discussed as well as, managing Ortho K. patients when they reach LASIK age.

Development of OrthoK into Brazil: How to Understand the Approval Process
Tania Schaefer

LASIK Correction after CRT
Andriy Kovalov

Safety of OrthoK; Oliver Dabezies Lecture
Penny Asbell

Atropine Treatment of Myopia
Andrzej Grzybowski
**Interactive Session**

*(AOI)* How Do We Learn Best? How Do We Stay Up To Date with Rapidly Developing Technology?

Chair(s): Richard Abbott

Classic, Present, and Future Learning Patterns and Behavior for Ophthalmologists

Bruce Spivey

Educating for an Acceptable Threshold for Inclusion of New Technologies in Medical Practice

Emilio Campos

Advancement of Practitioner Competencies

Gullapalli Rao

Using the ONE Network as an Online Tool to Learn New Technology and Stay Up To Date

Richard Abbott

How to Learn Surgical Procedures with Practical Simulation and Information Technology

Tetsuro Oshika

How We Are Teaching the New Corneal Surgical Procedures in Brasil and in Latin America

Ana Luisa Hofling

Learning New Technology Using the Wetlab System at the Fyodorov Eye Microsurgery Complex

Boris Malyugin

South Eastern Europe: Networking and Cross-Border Education

Petja Vassileva

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**IS-SU-534/ 16:00 - 17:30/ Salón Tlaquepaque**

Young Ophthalmologist Symposium

Chair(s): Sandra Belalcázar, R.V. Paul Chan, Grace Sun

Description:

This symposium is a collaboration between the Young Ophthalmologist Committees of the AAO, SOE, PAAO, and APAO. International mentors and young ophthalmologists will present on a variety of topics that focus on career development. From pursuing a faculty position in academic ophthalmology to private practice, you will have access to international leaders in the field.

From Ophthalmology to Residency Program Director: Pursuing a Career in Graduate Medical Education

Grace Sun

Defining Your Unique Niche: Pearls for Career Leadership

Linda Tsai

Pathway to Professor: Lessons Learned from Academic Ophthalmology

Audina Berrocal

How to Succeed as a Clinician Scientist: From the Bench to the Bedside

Sushil Vasudevan

Diversity in Surgical Training in Europe

Andrew Scott

How to Look Professional as a Young Ophthalmologist

Carla Vitelli

Professional Development for Young Ophthalmologists

Juan Carlos Gines
Invited Course

IC-SU-424/ 8:30 - 10:00/ Calzado I & II
(IMCLC) President’s Innovation Panel
Chair(s): Gudrun Bischoff, Albert Franceschetti

Description:
Members of the Board of the International Medical Contact Lens Council (IMCLC) will present briefly four topics in Contactology. A general discussion with the public will follow.

Contact Lens in Children
Gudrun Bischoff

Corneal Reshaping
Bruce Koffler

Permanent Wear
Albert Franceschetti

Innovations in Contactology
Shigeru Kinoshita

IC-SU-493/ 8:30 - 10:00/ Salón de Eventos 3
Collecting DNA in Eye Surveys
Chair(s): Rupert Bourne, Jamie Craig

Description:
Genetic studies aim to better understand genetic and environmental factors that contribute to eye development and to eye and vascular diseases that cause vision loss and blindness. There have been a large number of genetic studies on eye and non-ocular diseases in the US and Europe. Findings from these studies have greatly advanced understanding of how and why diseases develop in these populations.

This has accelerated medical progress towards new diagnostic tests and treatments in recent years. Each human population, has its own unique set of genetic variants that influence susceptibility to disease and the effectiveness of specific treatments.

The majority of genetic studies done to date have focused on Caucasian and Asian populations. Population-based eye surveys offer the opportunity to both examine the types of eye diseases and the normal variation of characteristics of the ocular system in individuals and associated environmental factors (phenotyping) and their burden, but also to collect DNA for the purposes of determining differences in the genetic make up (genotype) of these individuals. Population-based studies, in particular those that are nationally representative are logistically complex and expensive and they are infrequently performed, perhaps once every few decades if at all, and the opportunity to add a genetics component is an opportunity that should be considered.

Genetic studies offer the opportunity to promote skill development and knowledge transfer locally in this important field of medical research.

Knowledge of epidemiological data on genetic, environmental and behavioural risk factors for disease that is specific to the particular population that is being examined, allows one to better understand to what extent new developments arising from genetics research in this and other populations can be of benefit.

This session, chaired by Professor Jamie Craig, who has an international reputation in this field, brings together a panel of distinguished speakers who have experience with involvement of genetics in epidemiological studies. The objective of the session is to deliver readily understandable and practical advice on subjects that include the geographical areas of need for more understanding of the genetic basis of eye disease, the way in which sets of genetic data are brought together as consortia, and the ethical considerations of collecting DNA particularly in populations that may have not been sensitized to the concept of medical genetics, such as confidentiality, consent and public awareness. The session will also feature advice on how best to design your study to measure ophthalmological characteristics and associated risk factors such that the phenotypic dataset created is comparable to other population datasets in consortia and the consideration of non-ocular variables measurements that may be easily obtained and which may have an important inter-relation with the field of ocular disease.

An Overview of Which Surveys and Which Regions Have Collected DNA as Part of Their Study
Jamie Craig
Sunday, February 7th

Ensuring that the Phenotypic Variables You Measure are Comprehensive
Pradeep Ramulu

Ensuring Adequate Phenotyping for Nonocular Parameters in Eye Studies
Eleonora Staines

Ethical Issues of Collecting DNA
Catherine McCarty

The Sonsortia and Logistical Issues of Taking DNA
Kathryn Burdon

IC-SU-154/10:30 - 12:00/ Salón Tonalá

Differential Diagnosis and Update on Melanocytic Tumors
Chair(s): Tero Kivela

Description:
This course will empower the participants to recognize characteristics that differentiate probably benign from potentially malignant pigmented tumors of the uvea and conjunctiva by using up to date methodology.

Biopsy Techniques for Melanocytic Lesions
Armin Afshar

Actualización de EDI-OCT Para Distinguir Tumores Pequeños
Amy Schefler

Clinical Features of Melanocytic Intraocular Tumors
Tero Kivela

Multivariate Survival Prognostication in Choroidal Melanoma
Bertil Damato

"MOST" for the Diagnosis of Choroidal Melanoma
Paul Finger

IC-SU-492/10:30 - 12:00/ Salón de Eventos 3

Survey Design and Statistics
Epidemiological Methodology Applied in Ocular Diseases
Chair(s): Rupert Bourne, Van Lansingh

Description:
Worldwide, in 2010, 32 million people were estimated to be blind and 191 million to be moderately or severely visually impaired. Uncorrected refractive errors and cataract remain the leading causes of visual impairment, representing about 75% of the total of cases. Although the largest proportion of blindness is related to ageing, cataract is not a major cause of blindness in all regions. However, globally, it is still the leading cause, accounting for almost half of all cases, despite improved delivery of cataract surgical services in many parts of the world. Cataract is even more significant as a cause of low vision; it is the main responsible for low vision in developing countries.

A decrease in age-standardized prevalence of blindness and middle and severe visual impairment has been recognized over the past 20 years. Nevertheless, because of population growth and the increase in the number of elderly adults, the blind population has remained stable and the vision impaired population might have increased. Avoidable vision loss due to preventable or treatable causes can be defined as any vision loss due to cataract, uncorrected refractive error, trachoma, glaucoma, and diabetic retinopathy.

Most epidemiological studies have focused on specific population within a circumscribed region. To make comparisons across regions, it is important to consider the largest differences observed in the prevalence of vision impairment and its causes according to ethnic groups, regions, demographic parameters, social determinants, lifestyle, environmental exposure, among other factors.

On the other hand, the assessment of causes of vision impairment, its trends, and the effects of interventions is most accurate when repeated surveys are done within the same population, or when studies with national representation are carried out; however, these data are rarely collected. In their absence, estimates of patterns and trends in vision impairment derived from available data might be useful to set policy priorities and to improve global efforts aimed at monitoring and eliminating avoidable blindness and for use in priority setting and resource allocation.
Design Considerations  
Beatriz Muñoz  

Statistical Issues of Enumeration, What Random Cluster Sampling Means  
Robert Casson  

Rapids vs Comprehensive Studies  
Muhammad Rabiu  

Attributing Cause in Population-based Studies  
Alfred Sommer  

Modelling Survey Results in a Regional/global Context  
Serge Resnikoff  

Practical Considerations of Survey Design  
Juan Silva  

IC-SU-161/ 14:00 - 15:30/ Joya I & II  

Interactive Session  

How to Develop a Successful Workshop  
Chair(s): Helena Filipe, Eduardo Mayorga, Alexandre Taleb  

Description:  
Rationale: Practice and group based learning are powerful formats for effective learning. Workshops as small group’s educational events at which participants engage in discussion and activity on a specific subject or project fit that format. Workshops go beyond lectures, as they should provide room for social interaction and "hands on" exercises on the subject under study. This event will unfold according to the triade: explain-exercise-debrief.  

Goal: Summarize the concept and the process to develop a workshop as a valuable learning experience.  

Objectives:  
By the end of this workshop you shall be able to:  
1. Compare and contrast the rationale of the workshop to other learning delivery formats  
2. Describe faculty roles  
3. List the steps to undertake before, during and after a workshop  
4. Explain 10 golden principles to run a successful workshop  
5. Develop skills to set up and conduct an effective workshop  
Output: Your workshop design.  

How to Develop a Successful Workshop  
Helena Filipe, Eduardo Mayorga, Alexandre Taleb  

How to Develop a Successful Workshop  
IC-SU-2935/ 16:00 - 17:30/ Moda  

(PAAO) Desafíos de la salud visual en Latinoamérica: ¿Dónde estamos y hacia dónde vamos?  

Moderadores: Fernando Barria, Van Lansingh, Ellery López  

Descripción:  
Expertos de varios países latinoamericanos discutirán en comentaRíos cortos las prioridades y posibles estrategias para ampliar coberatura, incrementar productividad y entrenar nuevas generaciones de oftalmólogos capaces de manejar la carga de trabajo debida al envejecimiento poblacional y los cambiantes parámetros de la epidemiología oftalmológica regional  

Tasa de cirugía de glaucoma: debe mejorar, cirugía de incisión pequeña  
Mariano Yee  

Cirugía bilateral simultánea, ¿Sí o no y por qué?  
Van Lansingh  

¿Cómo desarrollar un programa de atención desde al nivel primario al terciario? y ¿Cómo trabajar con otros especialistas para “llegar” antes?  
Francisco Martínez  

Educando al paciente y a los médicos para un mejor control  
Laura Elizabeth Vargas  

Cirugía de alto volumen  
Pedro Gómez  

ANTIVEGF vs. láser para ROP  
Luis Porfirio Orozco, María Martínez
Cómo utilizar la evidencia y la investigación para cambiar la práctica de centros de entrenamiento
Ellery López

Utilidad de los simuladores de cirugía de catarata
Glenn Strauss

Cirugía de incisión pequeña
Jaime Macías

Baja visión: programa de educación para oftalmólogos en formación
Rosario Espinoza

Educando en baja visión al paciente y al oftalmólogo ya formado
Lourdes Medina

¿Cuándo y cómo realizar láser por el oftalmólogo general?
Juan Verdaguer

¿Cómo desarrollar un plan de negocios para hacer sustentable un programa social en prevención de ceguera en catarata o cualquier otra patología?
Rainald Duerksen

¿Cómo desarrollar un plan de negocios para hacer sustentable un programa social en prevención de ceguera en catarata o cualquier otra patología?
Raheem Rahmathullah

Desafíos futuros de la salud visual en latinoamérica
Juan Silva

Sistemas computarizados y telemedicina: una opción ¿sí o no?
Joaquin Martínez

¿Cómo abordar el error refractivo en niños? / epidemia de la retinopatía diabética en América Latina ¿Qué podemos hacer?
Fernando Barría

Facoemulsificación de alta calidad y bajo costo
Carlos Arieta

Tecnología apropiada para diferentes casos de catarata
Juan Battle

El reto e impacto de proporcionar lentes en un programa escolar
Jorge Machado

Evaluación de la papila en la atención primaria de glaucoma
Óscar Albis

¿Es la telemedicina realmente una opción en glaucoma?
Juan Rueda

Sospechoso de glaucoma y factores de riesgo. Perspectiva de la epidemiología global.
Jesús Jiménez

Programa rop 21 en argentina
Pablo Larrea

¿Cómo afecta el “Affordable Care Act” (“Obamacare”) a los programas de oftalmología?
Eduardo Alfonso

¿Cómo aborda el gobierno federal mexicano los retos de la salud visual?
Francisco Navarro

¿Cómo aborda el gobierno federal mexicano los retos de la salud visual?
Gabriel O'Shea

Fortalezas en programas de retinopatía del prematuro (rop)
Luz Zepeda

Rompiendo paradigmas, una perspectiva de desde la sociedad mexicana de oftalmología y el centro mexicano de salud visual
Jorge Valdés

¿Cómo aborda el sistema de salud de chile los retos de salud visual?
Javier Corvolan
IC-SU-341/ 16:00 - 17:30/ Salón Tonalá

(EVER) Neuro Oncology

Chair(s): Laurence Desjardins, Graciela García, Aki Kawasaki

Description:
This session discusses tumors and cancers that involve the central afferent visual pathway and/or the ocular motor nerves. Clinical presentation, evaluation and management are addressed with emphasis on radiation effects to the retina and optic nerve.

Oculo-Cerebral Lymphoma
Nathalie Cassoux

Ophthalmic Tumors Relevant in Pediatric Neuro-ophthalmology
Laurence Desjardins

Radiation Effects on the Optic Nerve and Retina
Leónidas Zografos

Optic Nerve Sheath Meningioma
Karl Golnik

Malignant Glioma of the Anterior Pathway
Aki Kawasaki

Chiasmal Tumors
Graciela García

Clinical Outcomes Following Femto Cataract Surgery
Hungwon Tchah

Intraoperative Complications in Femto Cataract Surgery
Alan Crandall

Femto Cataract Surgery for Posterior Polar Cataracts
Abhay Vasavada

ESCRS Eurequo Femtosecond Laser Study
Peter Barry

French Prospective FLACS Study
Cedric Schweitzer

CA-SU-2964/10:30-12:00/RoomGuadalajara6

Pearls and Pitfalls for Selecting and Implanting Refractive IOLs

Chairs: Virgilio Centurion and Kevin Miller

Description: This session will cover common challenges in selecting refractive IOL patients, as well as managing surgical and postoperative complications and dissatisfied patients. The moderators will present case studies for discussion by two panels. Each panel will be on stage for 40 minutes. Moderators will present each case up to the point of decision making, then invite the panel to comment. They will wrap up by describing what was done and the outcome.

Case Presentations
Kevin Miller

Panel 1: Warren Hill, Matteo Piovella, Deepinder Dhaliwal, L. Felipe Vejarano, Jorge Alio

Case Presentations
Virgilio Centurión

Panel 2: Richard Packard, Alan Crandall, J. Bradley Randleman, Eduardo Soriano, Terrence O’Brien
CA-SU-250/ 14:00 - 15:30/ Mueble I & II

Interactive Session

Imaging in Glaucoma

Chair(s): Christopher Leung, Joel Schuman

Description:
Provides an overview on novel imaging technology in glaucoma

Imaging Optic Nerve Head Deformation in Glaucoma
Christopher Leung

Clinical Applications of Measurements of Structure and Function in Glaucoma
Joel Schuman

Imaging Endpoints in the UKGTS
David Garway

Comparison of Structural and Circulatory Parameters in the Detection of Early Glaucoma
Natalia Kurysheva

CA-SU-2960/ 14:00 - 15:30/ Guadalajara 6

Interactive Session

Video Case Studies: “You Make The Call”

Chair(s): David Chang

Description:
A series of video cases involving cataract surgical complications will be presented. The videos will be paused at specific points at which the audience will vote (with audience response pads) on management decisions. The options will then be discussed by an expert panel who, like the audience, has not seen the cases. Two different panels of international faculty will rotate halfway through the session.

Cases to be discussed:
1) Unhappy Multifocal IOL Patient
2) Mature white cataract
3) Recurrent microhyphema; sulcus PC IOL
4) Rock hard nucleus & fixed pupil (one-eyed patient)
5) Traumatic Cataract
6) Posterior polar cataract

Panel 1: Susan MacDonald, Warren Hill, Cedric Schweitzer

Panel 2: Ayman Naseri, Jessica Ciralsky, Anthony Aldave

CA-SU-249/ 16:00 - 17:30/ Mueble I & II

Anterior Segment Imaging

Chair(s): Rudolf Guthoff, Leopold Schmetterer

Description:
Gives an update on anterior segment imaging techniques.

OCT Imaging of the Anterior Segment
Christopher Leung

Ultrasound Imaging of Anterior Chamber
Tatiana Kiseleva

Corneal Imaging: Topography of Tomography
Michael Belin

Ultrahigh Resolution OCT Imaging of Cornea and Tear Film
Leopold Schmetterer

In Vivo Confocal Microscopy of the Cornea
Rudolf Guthoff

CA-SU-276/ 16:00 - 17:30/ Guadalajara 9 & 10

Interactive Session

(Guatemalan Ophthalmology Association and Venezuelan Society of Ophthalmology) Surgical Dilemmas and Complications: Clinical Cases

Chair(s): Óscar Beaujon, Jorge Hernández, Luis Silva

Description:
Clinical cases will be presented as a platform to discuss a wide range of surgical complications and special situations in glaucoma surgery. Options in management and prevention will be the main goals in this interactive session.
Surgical Management of Glaucoma Associated to Melanocytoma
Maria Carmen Gil

Aquesys Device and Special Situations
Francisco Millán

Late-Onset Leaking Bleb
Tania Brandaris

Epithelial Ingrowth
Jorge Hernández

A Routine Case: The Calm Before the Storm
Roberto Dam

Corneal Decompensation with Glaucoma Drainage Device
Óscar Beaujon

Panelists: Rosendo Castellanos, Jesús Salvatierra

CA-SU-2959/ 16:00 - 17:30/ Guadalajara 4

Interactive Session

Refractive Cataract/IOL Surgery: My Top 5 Pearls
Chair(s): Matteo Piovella, David Chang

Description:
Invited faculty each speak for 7 minutes on a practical topic relating to challenging refractive IOL situations. Each speaker will present their “Top 5 Pearls” for dealing with that situation. Instead of a traditional didactic talk, the speakers will present 5 key take-home points as concisely as possible. Panelists will then add their additional pearls. Each 7 minute talk is followed by 5 minutes of panel discussion and audience response polling.

Astigmatic Keratotomy
Buddy Culbertson

Toric IOL challenge
Kevin Miller

Multifocal IOL Patient Selection
Bruna Ventura

Monofocal Monovision
Arturo Chayet

Post-LASIK Patients
Warren Hill

Postop Refractive Enhancement: Who, When, and How?
Sonia Yoo

Managing Unhappy Multifocal IOL patients
Samuel Masket

Panel: Roberto Belluci, Terry O’Brien, Sheraz Daya, Virgilio Centurion

Clinical Interest Group

CIG-SU-296

Exfoliation Syndrome a Comprehensive Overview
Chair(s): Mineo Ozaki, Tiago Prata, Robert Ritch

Description:
Many diseases of aging, including the neurodegenerative and conformational disorders, have abnormalities in hemodynamics and cellular dysfunction and senescence. The most important in the eye are macular degeneration, glaucoma and cataract. Gene environment interactions are also important, being influenced by nutrition, exercise, ultraviolet radiation, smoking, and other factors.

Although no neuroprotective pharmaceutical agents have yet been proven to benefit eye diseases, many available natural compounds have actions which may do so. This symposium includes coverage of three highly important supplements: curcumin, Ginkgo biloba extract, and omega-3 fatty acids, in addition to current knowledge of the roles of diet, exercise, and acupuncture.

The possibility of improving vision through electric current stimulation will be addressed.
Case Presentation
Tiago Prata

Genetics, Epidemiology and Natural History of XFS
Mineo Ozaki

Ocular and Systemic Features of XFS
Robert Ritch

Scientific Underpinnings of XFS: Biochemistry, Molecular and Cell Biology
Ursula Schlötzer

Therapeutic Approaches to the Treatment of XFG
Michael Banitt

Laser and Surgical Treatment of XFG
Joséph Panarelli

Future Horizons and New Investigations
Audrey Bernstein

Debate
DE-SU-164/ 10:30 - 12:00/ Joya I & II

Interactive Session

Bedside Teaching in Ophthalmology

Chair(s): Rajvardhan Azad, Andreas Lauer, Muhammad Moin

Description:
This course uses a format of a moderated debate to discuss common approaches to clinical and surgical education of ophthalmologists in training. There will be three topics structured as statements of resolution and three corresponding contrary positions that will be debated. The resolutions are as follows:

1. All clinic and urgent patients must be worked up by the most junior resident first and then seen by each successive resident level of training before the patient is presented to the attending physician as this maximizes learning and teaching experiences before the attending physician sees the patient.

Contrary Position: The attending physician should first identify the pertinent issues with a patient and then bring the residents to the patient after the work-up to point out the pertinent and important educational points of the case.

2. Residents must master clinical ophthalmic knowledge and medical practice before setting foot in the operating room (OR) and operating.

Contrary Position: Residents should be in the OR from their 1st week in residency.

3. During their training, attending physicians must evaluate patients with the residents in person so that the attending may observe the residents examination, clinical judgment and interpersonal/communication skills.

Contrary Position: During their training, attending physicians must be available near by and not necessarily evaluate patients with the resident so that the patient may identify the resident as their doctor for clinical and surgical decisions. Conversation between the supervising physician and resident may occur in the absence of the patient.

Following the debate of each resolution, the audience may voice their opinions. At the conclusion each of the speakers will voice their candid personal view on the topic.

Patient Work up
Juan Carlos Gines

Clinical Involvement and Education
Richard Harper

Operating Room Experience
Natalie Kerr

Patient Work-up
Helena Filipe

Operating Room Experience
J. Fernando Arévalo

Residents’ Clinical Involvement and Education
Andreas Lauer
Sunday, February 7th

DE-SU-289/ 10:30 - 12:00/ Mueble I & II

MIGS and Minis

Chair(s): Félix Gil, Paul Palmberg, Tetsuya Yamamoto

Description:
Panel discussion at the end of all speakers’ talks: "Are these devices practical now? Will they be in the future?"

XEN Gel Stent: Will it Replace Trabeculectomy?
Joséph Panarelli

Trabectome and Hydrus Surgery
Marina Ramírez

Cypass-Suprachoroidal Drainage
Keith Barton

Targeting Multiple iStents to Aqueous Veins to Maximize IOP Lowering
Iqbal Ike Ahmed

InnFocus MicroShunt: Will it Replace MMC Trabeculecomy?
Paul Palmberg

Miniaturizing Wireless Implants: For Research, for Monitoring
Marlene Moster

Are MIGS Cost-Effective?
Eamon Sharkawi

Gonioscopy Assisted Transluminal Trabeculotomy
Davinder Grover

Hospital Nuestra Señora de la Luz, así como la experiencia de los presentadores y la evidencia en la literatura para cada tema.

Sensibilidad al Contraste en SMILE
Óscar Fernández

Cambios en Agudeza visual y Aberrometría en pacientes sometidos a SMILE
Alejandro Babayán

Nomograma para la selección de parámetros del lenticulo en SMILE
Óscar Fernández

Cálculo grosor estimado SMILE
Cristina Pacheco

Complicaciones de SMILE
Óscar Baca

INS-SU-27/ 9:15 – 10:30/ Guadalajara 1

SMILE (Small Incision Lenticle Extraction)

Instructor: Óscar Baca

Morfología corneal con microscopía confocal posterior a SMILE
Óscar Baca

Inmunohistoquímica y marcadores inflamatorios en SMILE
Elisa Alegría

Análisis topográficos por Orbscan y Pentacam de SMILE
Regina Velasco

Ojo seco y factor de crecimiento nervioso (NGF) en lágrima después de SMILE
Regina Velasco

Precisión de grosor del lenticulo en SMILE mediante OCT espectral, paquimetría ultrasónica y medidor de espesores
Óscar Fernández

Instruction Course

INS-SU-26/ 8:30 – 9:15/ Guadalajara 1

SMILE (Small Incision Lenticle Extraction) cambios visuales y seguridad

Instructor: Óscar Fernández

Descripción:
Se presenta la información de los trabajos obtenidos durante 2015 de cirugía refractiva SMILE en la Fundación
**INS-SU-1117/ 8:30 - 10:00/ Salón de Eventos 4**

**Facoemulsificación de catarata hipermadura**

Instructores: Fernando Aguilera, Virgilio Centurión, Luis Escaf

Descripción:
El alumno conocerá las diferentes técnicas de facoemulsificación de cataratas hipermaduras

**INS-SU-1248/ 8:30 - 10:00/ Salón de Eventos 6**

**Infectious Keratitis: Recent Developments in Diagnosis, and Management**

Course Instructor(s): Lalitha Prajna, Sujata Das, Prashant Garg, Vishal Jhanji, Savitri Sharma

Descripción:
Infective keratitis is a major cause of blindness. It is usually caused by different spectrum of organisms. Most often the clinical presentations are characteristic which can help in empiric treatment.

But often times are atypical and so ophthalmologist must be familiar with the different types of presentations. This course will discuss the spectrum of infectious keratitis with emphasis on the clinical presentation, lab diagnosis and management of myriad causes of infectious keratitis. This course will also provide useful tips in establishing diagnosis and discuss new diagnostic modalities like confocal and molecular methods.

**INS-SU-1908/ 8:30 - 10:00/ Salón de Eventos 5**

**Managing Glaucoma in Eyes after Emerging Corneal Procedures (Essential Steps to Maximize Visual Outcomes and Graft Preservation)**

Course Instructor(s): Thasarat Vajaranant, Ahmad Aref, Jacob Wilensky, María Cortina, José De La Cruz

Descripción:
Glaucoma remains a major visual limiting factor in eyes after otherwise successful keratoplasty. This course will cover glaucoma management with an emphasis on surgical pearls to maximize visual outcomes after endothelial keratoplasty, keratoprosthesis and limbal stem cell transplants. Emphasis will be placed on methods to allow for long-term corneal graft preservation. Surgical video, photographic case presentations, and data published by the course instructors will be employed.

**INS-SU-1925/ 8:30 - 10:00/ Salón de Eventos 2**

**Multi-center Sponsored Clinical Trials: ICH Guidelines and Minimal Requirements for Investigators**

Course Instructor(s): Marco Cid, Ana Alcaraz, Arieh Mercado, Aldo Oregon, Adolfo Rodriguez

Descripción:
Objective One: The course is intended to explain the ICH bases guidelines in the clinical drug development process, in multi-center clinical trials.

Objective Two:
Clinicians will understand, what do they need to have, in terms of facilities and human resources, to perform clinical trials at their medical units.

**INS-SU-958/ 8:30 - 10:00/ Salón de Eventos 7**

**Abordaje multidisciplinario del paciente con diabetes para el oftalmólogo**

Instructor: David Rivera

Descripción:
Adquirir el conocimiento del manejo multidisciplinario de un paciente con diabetes, que incluye al médico internista y a educadores en diabetes, psicología, psiquiatría, odontología, cuidados del pie, activación física y cuidados oftalmológicos. Este abordaje ha probado ser el que mejores resultados a largo plazo ofrece a los pacientes con esta afección.
Sunday, February 7th

**INS-SU-1496/ 10:30 - 12:00/ Salón de Eventos 4**

**Nightmares in Strabismus Surgery**

Course Instructor(s): Sonal Farzavandi, Claudia Elena Murillo, Scott Olitsky, Donny Suh

Description:
No surgeon can completely eliminate the possibility of encountering a complication. During this symposium, experienced strabismus surgeons will share their own personal stories of complications they have experienced along with how they handled them as well as tips to decrease the chances of having them happen in the first place.

**INS-SU-2799/ 10:30 - 12:00/ Salón de Eventos 7**

**The Boston Type I Keratoprosthesis: Case Based Presentations Highlighting the Essentials for Beginning and Experienced Surgeons**

Course Instructor(s): Anthony Aldave, Samar Basak, Sadeer Hannush

Description:
While traditionally considered a procedure of last resort, keratoprosthesis implantation is being performed with increasing frequency for an expanding variety of indications, including repeat corneal graft failure and corneal opacification combined with limbal stem cell failure.

The design, indications and contraindications, surgical technique and postoperative management of the Boston type I keratoprosthesis will be presented.

Attendees will learn to recognize patients in their practices who are good candidates for Boston type I keratoprosthesis implantation. Presentation of surgical videos and a detailed discussion of the postoperative management will familiarize attendees with keratoprosthesis implantation as well as avoidance and management of postoperative complications.

**INS-SU-371/ 10:30 - 12:00/ Salón de Eventos 6**

**Tackling Posterior Capsule Rupture, IOL Implantation, and Associated Complications: A Video Based Course**

Course Instructor(s): Priya Narang, Arup Chakrabarti, Susan MacDonald, Kevin Miller, Marie-José Tassignon, Abhay Vasavada

Description:
At the conclusion of this course, the attendee will be able to effectively judge and handle a case of posterior capsular rupture (PCR) with adequate vitrectomy, will be able to retrieve a sinking nucleus or an IOL followed by its effective placement.

The course tends to focus on various aspects of complications following a PCR from the perspective of both an anterior segment and a posterior segment surgeon along with proper vitrectomy procedures. We tend to highlight through videos the various challenging scenarios met during cataract surgery followed by IOL implantation by various techniques. Pearls to diagnose cases with pre-existing PCR will also be showcased followed by its management with anterior and posterior optic capture. The course tends to be complete wrap up summary for all the ophthalmologists.

**INS-SU-450/ 10:30 - 12:00/ Salón de Eventos 8**

**Conquering Capsule Complications: A Video Primer**

Course Instructor: David Chang

Description:
Unlike other surgical complication courses, this curriculum covers the prevention and management of anterior and posterior capsule complications in a comprehensive, systematic, step-wise fashion. Video excerpts from over 50 cases are used to visually demonstrate each of the techniques and points outlined below.
INS-SU-798/ 10:30 - 12:00/ Salón de Eventos 5

El ABC de OCT en neuro oftalmología

Instructores: Marco Vinicio, Hebert Luis Hernández, Moisés López, Judith Peñaflor, Juliná Reyes, Manuel Sáenz

Descripción:
Este curso resalta los puntos básicos de la Tomografía de Coherencia Óptica aplicada a la neuro oftalmología y a las afecciones neurodegenerativas extendiendo el panorama diagnóstico de este útil instrumento.

INS-SU-28/ 14:00 – 14:45/ Guadalajara 1

Progresión de queratocono, ¿realmente podemos detenerlo?

Instructores: Javier Gaytán, Enrique Graue-Hernández, Guillermo Rocha

Descripción:
Exposición de los parámetros actuales internacionales de diagnóstico de progresión y estadificación del queratocono, para seleccionar la alternativa terapéutica mejor indicada para cada caso.

Se hablará de la experiencia quirúrgica con dos de las técnicas más utilizadas actualmente compartiendo tips quirúrgicos y discutiendo el correcto seguimiento post operatorio para la identificación de progresión post quirúrgica a largo plazo.

Guías para el diagnóstico de progresión Enrique Graue-Hernández

Crosslinking UVA (biofototerapia): técnicas comprobadas Guillermo Rocha

INTACS (anillos intracorneales): suficiente o necesidad de combinarlo. Javier Gaytán

INS-SU-29/ 14:45 - 15:30/ Guadalajara 1

Rehabilitación visual en degeneración macular relacionada a la edad

Instructores: Araceli Robles, Luciene Fernandes, Roxana Urdapilleta

Descripción:
La degeneración macular en una de las principales causas de deterioro visual en personas mayores de 50 años. En este curso se muestran técnicas especiales de exploración y de rehabilitación visual para encontrar y desviar la imagen de un área central lesionada de la retina hacia una retína sana. La finalidad es mejorar la calidad de vida de éstas personas y facilitarles las actividades de la vida diaria, especialmente la lectura escritura.

INS-SU-2886/ 14:00 - 15:30/ Salón de Eventos 7

Management of Aphakia: A Comprehensive Review of Current Options

Course Instructor(s): Andrzej Grzybowski, George Beiko, Boris Malyugin, Priya Narang, Marie-José Tassignon

Description:
Management of aphakia is still a challenge in the practice of ophthalmic surgeon. Since there is no single recommendation for all aphakia cases, only good understanding of different available techniques might help to manage well this difficult group of patients.

The course will provide a critical review of advantages and weaknesses of currently available aphakia management options, including practical information and some hints related to the use of different surgery techniques.

INS-SU-594/ 14:00 - 15:30/ Salón de Eventos 2

Serious Eye Cancers Masquerading as Common Benign Conditions

Course Instructor(s): Jerry Shields, Carol Shields
Description:
To discuss examples of astigmatism, strabismus, chalazion, blepharitis conjunctivitis, iritis, cataract, glaucoma and other conditions that eventually proved to be due to serious cancers. A delay in diagnosis often led to inappropriate treatment before the cancer was recognized. A high index of suspicion is important to not overlook the underlying cancer. The course is presented with active audience participation and will be entertaining, informative, and useful in clinical practice.

INS-SU-724/ 14:00 - 15:30/ Salón de Eventos 4
SICS a Technique in every Cataract Surgeons Armament
Course Instructor(s): Sunil Thangaraj, Andrew Braganza, Geoffrey Cohn, Aby Jacob
Description:
To elucidate in detail the surgical steps of SICS and to discuss troubleshooting areas at every step of the surgery and also corrective measures for the same.

INS-SU-908/ 14:00 - 15:30/ Salón de Eventos 6
Calidad visual en cirugía de catarata
Instructores: Claudia Palacio, Leticia Arroyo, Virgilio Centurión, Óscar Guerrero, Cristina Mendoza, Carolina Orea
Descripción:
Un panel de expertos favorecerá la interacción con la audiencia para la discusión de temas que permitirán: Resaltar la importancia de tecnologías y herramientas para lograr resultados visuales satisfactorios en la cirugía de catarata. Incorporar estrategias en el diagnóstico y tratamiento en pacientes con cataratas para el uso y aplicación de las nuevas tecnologías.
Proponer soluciones en pacientes con insatisfacción visual posterior a una cirugía de catarata.
Analizar la evolución de los pacientes después de cirugía de catarata y prevenir las complicaciones asociadas a un mal resultado visual.
Tener un panorama de la biomecánica y biotecnología de los lentes intraoculares y su repercusión en el resultado visual.
Incorporar en la evaluación de resultado visual los conceptos de aberración, disfotopsia, error refractivo, profundidad de foco y estereopsis.
Conocer las fórmulas de nueva generación para el cálculo de lentes intraoculares en pacientes con cirugía refractiva previa y en ojos normales.

INS-SU-30/ 16:00 – 16:45/ Guadalajara 1
Manejo de la visión baja en niños
Instructores: Ana María Beauregard, Vanessa Bosch, Rosa Elena de la Torre
Descripción:
La visión es la fuente más importante de conocimiento y desarrollo en los primeros años de vida del infante. Cualquier alteración en el globo ocular y en la vía visual puede afectar seriamente la visión y comprometer el desarrollo psicomotor del niño. En éste curso se muestran técnicas de exploración, métodos para la estimulación y prescripción de ayudas ópticas que favorecen la rehabilitación del niño con visión baja, con la finalidad de ayudarlo al buen desarrollo psicomotor, interacción social y aprendizaje.

INS-SU-31/ 16:45 – 17:30/ Guadalajara 1
Ventajas y limitaciones de la técnica de iontoforesis para el entrecruzamiento del colágeno corneal utilizando riboflavina y luz UVA
Instructores: José Cristobal Fernández, Rubén Reynoso, Manuel Garza
Descripción: Se analiza la técnica de iontoforesis y su utilidad en el entrecruzamiento del colágeno corneal
empleando riboflavina y luz UVA. Se presentan resultados, limitaciones, complicaciones y futuras aplicaciones oftalmológicas.

INS-SU-1170/ 16:00 - 17:30/ Salón de Eventos 6

Applications, Nuances, Technicalities and Modifications in Glued Intrascleral Fixation of an Intraocular Lens: A Video Course

Course Instructor(s): Priya Narang, George Beiko, Ritika Sachdev

Description:
The objective of the course is to showcase the correct method of performing Glued intrascleral fixation of intraocular lens (Glued IOL) and highlight all the modifications that have helped this surgery to evolve over a period of time so that it can be easily applied in various tricky situations. The course will also highlight the nuances of the surgery that will help the attendees to overcome common problems encountered by surgeons when they are in the learning phase. At the end of the course, the attendees will have a clear concept of how to perform this surgery and its application in clinical practice.

INS-SU-1873/ 16:00 - 17:30/ Salón de Eventos 7

Advanced Macular Surgery: "Tell It Like It Is..."

Course Instructor(s): Malhar Soni, Tamer Mahmoud, Virgilio Morales, Ehab El Rays, Mauricio Maia

Description:
This course will outline principles of macular surgery through case presentation, panel debate and interesting videos.

It will be discussed in "Tell it like it is..." language without statistical muddle.

Specific topics will include:
1. Imaging modalities (including Intra-op optical coherence tomography (OCT)) in evaluation of vitreomacular disorders.
2. Instrumentation (including 27G) for macular peel
4. Principles of macular surgery and various techniques of Internal Limiting Membrane (ILM) peel.
5. Size of ILM peel zone and its impact on surgical success.
6. Managing complications during ILM peel specifically retinal touch, iatrogenic break, management of large / failed Macular hole.
7. Role of ILM peel in lamellar macular hole (LMH), epiretinal membrane (ERM), diabetic macular oedema, optic disc pit related maculopathy.
8. Controversies in management of 'vitreomacular interface disorders' like, need of 'face down' posture following macular hole surgery, need of surgical management for all LMH, need of gas tamponade in LMH, role of ILM peel in ERM, role of combined phaco-vitrectomy, role of studies performed in 'Non-SD-OCT era.'
y reconocer las complicaciones más frecuentes durante y después de las cirugías de glaucoma más utilizadas, que incluyen trabeculectomía, implantación de dispositivos de filtración y colocación de implante Express.

**INS-SU-643/ 16:00 - 17:30/ Salón de Eventos 2**

**Management of Pterygia Using Chemical and Physical Barriers**

Course Instructor(s): Susan Senft, Dalel Tartak, María Tartak

Description:
Pterygia have posed challenges in the past due to recurrences and aggressive fibrovascular tissue, occasionally resulting in diplopia and restriction of motility. The course will expose the attendee to novel techniques of functional and cosmetic repair of ocular surfaces using chemical and physical barriers to prevent such complications.

**INS-SU-9998/ 16:00 - 17:30/ Salón de Eventos 1**

**International Course on Dealing with Data and Retinal Diseases**

How to Use Big Data in Ophthalmology for Everyday Use, Research, Education and administration
 Karsten Kortüm, Christoph Kern, Simon Leicht

Distinctive Patterns of Ganglion Cell Loss and Retinal Nerve Fiber Abnormalities in Optic Neuropathies
 Thomas Hedges III, Carlos Mendoza-Santiesteban

Intravitreal Injection Technique: Controversy Simplified
 Ashish Sharma, Baruch Kuppermann, Kim Ramasamy

23, 25 and 27 Gauge Diabetic Vitrectomy Surgery
 Ahmed Sallam, Mostafa Elgohary, Hussain Khaqan

**Free Papers**

FP-SU-2962/ 8:30 - 10:00/ Salón Tlaquepaque

**Late-Breaking News**

Description:
The Late-Breaking News session details are available on the WOC Event App to include the abstract titles, presenters and co-authors.

FP-SU-7017/ 8:30 - 10:00/ Salón de Eventos 9

**Neovascular AMD Treatment**

Chair(s): Anat Loewenstein, Usha Chakravarthy, Tomohiro Iida

Understanding Geographic Atrophy Disease Progression Through Visual Function Endpoints: The Lampalizumab Clinical Trial Program
 Quan Nguyen Christopher Brittain, Erin Henry, Georgia Li

Ranibizumab in Real Life: Long Term Results of 144 Patients Treated for Age-related Macular Degeneration (Elouan Study)
 Frederic Queguiner

Long-term Real-World Outcomes of Intravitreal Ranibizumab for Neovascular Age-related Macular Degeneration in a Well defined Region of the United Kingdom
 Ahmed Sallam, Robert Johnston

Improving of Treatment of Non-exudative Age-related Macular Degeneration
 Azamat Yusupov

Results from the Phase I Study: Safety and Tolerability of Subretinal RetinoStat® for the Treatment of Wet Age-related Macular Degeneration (AMD)
 Andreas Lauer, Peter Campochiaro, Simon Chandler, Scott Ellis, Richard Harrop, Michelle Kelleher, Kyriacos Mitropouhanos, Elliott Sohn, J Timothy Stout

Development of Atrophy in Neovascular AMD Treated with Ranibizumab in the HARBOR Study
 Scott Oliver, Beiying Ding, J. Hopkins, Lisa Tuomi
Two-Year Outcomes of Aflibercept Therapy for Neovascular Age-related Macular Degeneration in Japan
Tomohiro Iida, Hisaya Arakawa, Kanako Itagaki, Hideki Koizumi, Ichiro Maruko, Masashi Ogasawara, Annabelle Okada, Tetsuju Sekiryu, Akiko Yamamoto

Correlation Between Pigment Epithelial Detachment Resolution and Development of Macular Atrophy Following Ranibizumab Treatment in Patients with Neovascular Age-related Macular Degeneration: A Subanalysis of the HARBOR I

What Does Visual Acuity Impairment Under Low Luminance Conditions at Baseline Tell Us About Response to Anti-VEGF Monotherapy in Patients With Neovascular Age-Related Macular Degeneration?
Mitchell Goff, Howard Shapiro, Ivaylo Stoilov

Intermediate Outcomes from RE-VIEW: A Phase 4 Study of Intravitreal Aflibercept Injection in Patients with Neovascular Age-Related Macular Degeneration
Lloyd Clark, David Boyer, Michael Singer

Serum Vascular Endothelial Growth Factor and Safety in the Inhibition of VEGF in Age related Choroidal Neovascularisation (Iván) Trial
Usha Chakravarthy, Barnaby Reeves, Chris Rogers, Lauren Scott

Evaluation of Visual Acuity and Reading Performance with AT LISA tri 839MP Intraocular Lenses
Rita Mencucci, Jessica Caprara, Eleonora Favuzza

Precisight ™ Multicomponent IOL: Initial Clinical Experience
Francisco Sánchez

Pears and Pitfalls of the Bag-in-the-Lens Technique: Overcoming the Difficulties
Sydney Sebiloane

Risk Factors Affecting Successful Femtosecond Laser Assisted Surgery in Patients with Cataract
Heon Yang, Sang Youp Han, Kyung Heon Lee

Visual Outcomes and Toric IOL Centration with a New Intraoperative Digital Marking System
Mauricio Rodriguez D, Maria Henríquez, Luis Izquierdo

Prospective Study to Evaluate the Visual Performance of a Small Aperture Intraocular Lens Implanted During Cataract Surgery
Robert Ang

Pupil Issues in FLACS
Boris Malyugin

FP-SU-7019/ 8:30 - 10:00/ Minerva I & II

New IOLs and New Surgical Techniques
Chair(s): Boris Malyugin, Mauricio Rodriguez

Initial Clinical Experience with a New Laser Approach for Precise Capsulotomies
Richard Packard, Pavel Stodulka

Instantaneous, Precise, Automated Capsulotomy Using a Novel Disposable Intraocular Nanopulse Technology: The Zepto Capsulotomy Device
David Chang, Vance Thompson

Clinical Experiences With a New Extended Depth of Focus Intraocular Lens
Florian Kretz, Detlev Breyer, Matthias Gerl, Ralf Gerl, Hakan Kaymak, Matthias Mueller

FP-SU-7031/ 8:30 - 10:00/ Salón de Eventos 8

The Posterior Cornea
Chair(s): Frik Potgieter, Valeria Oliva, Luis Izquierdo

Clinical Outcome of 500 Consecutive Cases Undergoing Descemet Membrane Endothelial Keratoplasty
Martin Dirisamer, Lamis Baydoun, Nadine Gerber-Hollbach, Gerrit Melles

Hemi-Descemet Membrane Endothelial Keratoplasty (hemi-DMEK) for treatment of Fuchs Endothelial Dystrophy
Nadine Gerber, Lamis Baydoun, Gerrit Melles

Endothelial Survival After Descemet Membrane Endothelial Keratoplasty: Effect of Surgical Indication
Lamis Baydoun, Nadine Gerber, Gerrit Melles
Endothelial Cell Count in Patients with Graft Detachment that Required Additional Air Injection After Descemet Stripping Endothelial Keratoplasty (DSEK)
Nicolás Fernández Mejide, Jessica Bekerman

Case Reports of Intra-Ocular Lens Opacification Secondary to Intracameral SF6 Gas in the Treatment of Endothelial Graft Dehiscence
Frik Potgieter

Descemet Membrane Endothelial Keratoplasty (DMEK) and Simultaneous Lens Plane Reconstruction in the Same Session
Martin Dirisamer, Siegfried Priglinger

Changing the Apparent Colour of the Eye with Elective Keratopigmentation
Felipe Soria, Jorge Alio, Mohamed El Bahrawy, Alejandra Rodriguez

Modulation of Intrastromal Ring Position According to Postoperative Outcome: A New Technique
Luis Izquierdo Jr, María Henríquez, Giovanna Henríquez, Alejandra Orozco, Ana Rodriguez

Toric Multifocal Intraocular Lens: 12 Months Follow-Up
Valeria Oliva, Enrique Graue-Hernández, Jaime Larrea, Alejandro Lichtinger, Alejandro Navas, Arturo Ramírez

Collagen Copolymer Posterior Chamber Phakic Intraocular Lens for Keratoplasty Refractive Correction.
Dagoberto Almánzar, José F. Alfonso, Luis Fernández, Carlos Lisa, Miguel Naveiras

Update on Repeat Descemet Membrane Endothelial Keratoplasty (re-DMEK) After Complicated Primary DMEK
Nadine Gerber, Lamis Baydoun, Gerrit Melles

Retinal OCT Can Measure Spherical posterior Eye Shape Comparable to MRI
Anthony Kuo, Carol Cheung, Sina Farsiu, Mohammad Kamran Ikram, Joséph Izatt, Ryan McNabb, Seang Mei Saw, Tien Wong, Terri Young

OCT Angiography in everyday practice
David Chow

High quality slit lamp photography by smart phone: Simple methods for fitting the high quality smart phone to the slit lamp
Mihály Végh

Ultra Wide Field (UWF) imaging of Familial Exudative Vitreoretinopathy (FEVR)
Vinod Kumar, Paripat Chandra, Atul Kumar

Ultrasound Biomicroscopy in Plateau Iris syndrome: do we know it all?
Ines Leal, Luis Abegao Pinto, Helena Filipe, Carlos Marqués, David Sousa

Smart phone based applications for early stage detection of retinoblastoma review of methodology
Amit Khedekar, Bharanidharan Devarajan, Namrata Gaikwad, Rajkumar S, Usha Kim, Veerappan Muthukkaruppan, Anand Rajendran, Kim Ramasamy, Jatinder Singh, Sowjanya Yarra

Ciliary body imaging by transpalpebral near-infrared transillumination
Oleg Zadorozhnyy, Andrii Korol, Taras Kustryn, Alla Nevaska, Nataliya Pasychenikova

Smartphone Based Fundus Camera Device “MII Ret Cam” and Technique with Ability to Image Peripheral Retina
Ashish Sharma, Francesco Bandello, K Guruvayoorappan, Soujanya Krishna, Baruch Kuppermann, K Ramachandran, Saranya Subramaniam, Selva Sundaramoorthy

Global Impact of NEI Funding: Creating Future Worldwide Research Directions
Pamela Sieving, Gyan Prakash

Severe Complications after Cosmetic Iris Implantation
Jasbeth Ledesma, Alexandra Abdala, Enrique Graue-Hernández, Gerardo Ledesma, Alejandro Navas, Arturo Ramirez

Imaging and Interdisciplinary

Chair(s): Vinod Kumar, Pamela Sieving, David Chow

Characterisation of VEGF-A Status in Blood Samples of Adults and Pre-term Infants
Birgit Lorenz, Claudia López, Knut Stieger

FP-SU-7013/ 10:30 - 12:00/ Salón de Eventos 9
Prevention and Treatment of Potentially Blinding Pediatric Diseases

Chair(s): Xiaoxin Li, Alejandra de Alba

ROP Rampant in Asia-Magnitude and Challenge

Abu Raihan, A S M Awal

Monitored oxygen levels dramatically reduces the risk for retinopathy of prematurity in a Mexican population

Pia Lundgren, Andrea Barragán, Larissa Gómez, José Gutiérrez, Anna-Lena Hard, Ann Hellström, Chatarina Löfqvist, José Orozco, Juan Razo, Luz Zepeda

BOOST-II UK: Outcome at 2 years

Alistair Fielder

Postnatal Serum Insulin Like Growth Factor I and Retinopathy of Prematurity in Latin American Infants

Alejandra de Alba, Gil Binenbaum, Judith Espinoza, María Marta Galán, Vanina Schbib, James Shaffer, Gui Shuang Ying, Luz Zepeda

New Zealand laser treatment for retinopathy of prematurity in the era of ETROP: A ten year outcome review

Jessica Trollip, Shuan Dai

Structural outcome of posterior to ridge laser treatment for severe stage 3 retinopathy of prematurity

Narendran Venkatapathy

Retinopathy of Prematurity: An Evaluation in Hunan Province of Central-South of China over a 8-year Period

Ping Wang

Diagnosis and treatment of Coat’s disease in younger children

Pavel Volodin, Irina Iablokova

Studying the two F’s in bilateral congénital cataract-Frequency of nystagmus and Fixation pattern

Neha Midha, Tushar Agarwal, Sudarshan Khokhar, Arun Patidar

An Appraisal of Visual Outcome Following Paediatric Cataract Surgery at a Child Eye Health Tertiary Facility (CEHTF) in Southwest Nigeria

Bolutife Olusanya, Aderonke Baiyeroju

Outcomes of paediatric scleral fixated posterior chamber intraocular lens implantation in a tertiary eye care centre in India

Parveen Sen, Pramod Bhende, Vinay Kumar S

Glaucoma

Chair(s): Sandra Dixon, Manuel de Alba, Juan Carlos Izquierdo

Glaucoma juvenil de ángulo abierto. Caracterización clínica y genética en pacientes mexicanos.

Janet Galicia, Beatriz Buentello, Karla Dueñas, Curt Hartleben Juan Zenteno

The Socioeconomic Impact of Primary Open-Angle Glaucoma in México.

Arturo Martínez, Ana Díazceballos, Luis Flores, José Eduardo García, Jesús González, Carlos Romo, Pablo Villarreal, Rogelio Villarreal

Impacto del glaucoma terminal sobre los parámetros de función visual y calidad de vida.

José Paczka, Luz Giorgi, Juan Ruéda

Efficacy of Ologen Implant in Trabeculectomy Surgery: 1 Year Results

Juan Carlos Izquierdo, Bábara Rubio, Lukas Saldarriaga

Diferencias inter e intra observador en la relación copa disco visto por imágenes estereoscópicas vs bidimensionales

Cintyha Nañez, Alfonso García, José Francisco Ortega

Haciendo de la trabeculectomía una técnica más segura. Suturas liberables.

Carolina Pallás

Estudio retrospectivo, comparativo entre endociclo-fotocoagulación y válvula de Baerveldt en el tratamiento del glaucoma refractario

Lukas Saldarriaga, Rocío Araujo, Juan Carlos Izquierdo, Leslie Rodriguez

Endocyclophotocoagulation in Refractory Glaucoma

Lukas Saldarriaga, Rocío Araujo, Juan Carlos Izquierdo
Grosor de capa de células ganglionares en pacientes mestizos mexicanos medido por tomografía de coherencia óptica de dominio espectral
Mariana Escalante, Jesús Jiménez-Arroyo, Jesús Jiménez-Román, Mauricio Turati

OCT measurements in adult hydrocephalus
Valeria Zapata, Carlos Azuara, Humberto Cavazos, Jaime Dávila, Manuel de Alba, Vicente Garza, Jesús González, José Lozano, Alejandro Martínez, Ángel Martínez, Jesús Mohamed Hamsho, Juan José Toledo, Hugo Treviño

**FP-SU-7022/ 14:00 - 15:30/ Salón de Eventos 8**

**Outcomes and Complications of IOLs**

Chair(s): Neha Saxena, Sang Woo, Park Fernando Aguilera

Correlation between 2.8mm Phaco wound architecture on ASOCT and Surgically Induced Astigmatism and defining causes for excessive wound healing/ fibrosis
Neha Deshpande, Sulabha Deshpande

Effects of IOLs on Chromatic Aberration of Human Eye Model with different Refractive Status
Hui Song

Evaluation of in vitro glistening formation in different hydrophobic acrylic intraocular lenses
Ramin Khoramnia, Tanja Rabsilber, Tamer Tandogan

Results of endophthalmitis prevention using Moxifloxacin + Dexametazone in Phacoemulsification
Fernando Aguilera

Three Years Clinical Results and Quality of Vision After Implantation of a Preloaded Trifocal IOL
Matteo Piovella, Barbara Kusa

Anterior Chamber Depth Variation with Different types of IOLs following Phaco Surgery
Ashokkumar Shroff

Factors affecting unstable refractive outcome after cataract surgery in patients with glaucoma
Sang Woo Park, Mi Sun Sung

Postoperative Outcome of Capsular Tension Ring Implantation In Eyes With Pseudoexfoliation
Yan Ning Neo

Comparison of macular changes due to Femtosecond assisted cataract surgery and Conventional Phacoemulsification
Sanjana Bejan Singh, Rooshitha Bejan Singh, Bejan Singh Samuel Moses

Comparison of negative dysphotopsia in patients undergoing phacoemulsification with foldable plate haptic (four) and loop haptic design intraocular lens implantation
Neha Saxena, Sri Ganesh

Changes in distance and near visual acuity, anterior chamber depth and refractive status after YAG capsulotomy in patients with multifocal IOLs
Cem Kucukerdonmez, Esat Cinar, Mehmet Zengin

**FP-SU-7034/ 14:00 - 15:30/ Salón de Eventos 9**

**Uveitis and Retina: Epidemiology and Diagnosis**

Chair(s): Stephanie Voorduin, María Jaramillo, Carlos Caballero

Quantiferon-TB Gold en el Diagnóstico de inflamación ocular secundaria a infección probable por Mycobacterium Tuberculosis
Roberto Dalli, Miguel Pedroza-Seres

Determinación de Fas Ligando en lágrima y suero de pacientes con uveitis asociada con HLA-B27
Elizabeth Baqués Guillen, José de la O, Milton Maldonado, Atzin Robles, María Teresa, Stephanie Voorduin

Determinación de IL-17 en lágrima y suero de pacientes con uveitis asociada con HLA-B27.
Stephanie Voorduin, José de la O, Miriam Gómez, Milton Maldonado, Francisco Martínez, Atzin Robles, María Teresa Valdés

Citocinas anti-inflamatorias en silicón intravitreo de pacientes con desprendimiento de retina traccional
Beatriz Jatziri Pérez, José de la O, Alberto Gil, Carla Montaño, Atzin Robles, Araceli Rojas
Endoftalmitis endógena asociada a absceso hepático por Klebsiella pneumoniae, descripción de 3 casos
María Jaramillo, Miguel Cuevas, James Jaramillo

Deficiencia de vitamina D en pacientes con enfermedad de Vogt-Koyanagi-Harada: Un Informe preliminar
Catalina Rosario, Teresa González, Atzin Robles, Stephanie Voorduin

Clinical and Epidemiologic characteristics of Fuchs Heterochromic Iridocyclitis in Hispanic population at Instituto de Oftalmología Fundacion Conde de Valenciana I.A.P. in México City
Ethel Guinto Arcos, Miguel Pedroza, Janet Silva

Ocular complications of pediatric uveitis at a reference center in México City
Olegario Castro, Miguel Pedroza

Puntos hiperreflectivos en la tomografía de coherencia óptica y su comportamiento en el edema macular diabético posterior a la aplicación de anti VEGF
Fernando Rufino, Juan Abel Ramírez, Carla Montaño

Implante intravitreo de dexametasona para el manejo de edema macular secundario a cirugía de Mer Carlos Caballero, Maria Izquierdo

Efecto anatómico y funcional a largo plazo de 3 dosis de Avastin para el tratamiento del edema macular persistente posterior a peeling de membrana epimacular idiopática.
José Rosales

Intraocular lens calculation after myopic laser refractive surgery: Comparison between Haigis L, Borasio BMR, and Double K method.
Marinka Kargacin, Rafael Barraquer

Femtolaser assisted ultrasound phacoemulsification of complicated cataract with a narrow pupil
Yulay Burkhanov, Mukharram Bikbov, Emin Usubov

Surgical Outcomes of Mexican Patients with Fuch's Heterochromic Iridocyclitis Related Cataract
César Portilla, Pablo Guzmán, Humberto Matiz

Maximizing the visual outcome in traumatic cataract cases: the value of a primary posterior capsulotomy and anterior vitrectomy
Mehul Shah, Krunal Patel, Shreya Shah

Indications and outcomes for sclera tunnel fixed secondary intraocular lenses: single centre series.
Fateme Shams, Zachariah Koshy

Trans Scleral Sutured Intraocular Lens Implantation in Pediatric Marfan Syndrome
Michael Struck

Outcomes of Combined Phacoemulsification with Pterygium Excision
Jeewan Titiyal, Manpreet Kaur, Rajesh Sinha

International Council of Ophthalmology; Ophthalmology Surgical Competency Assessment Rubrics: Simulator
Krisztina Emeriewen, Jessca Bekerman, Karl Golnik, Ana Palis

24 Month Dynamic Range of Visual Outcomes After Laser Anterior Ciliary Excision (LaserACE) Procedure
Ann Marie Hipsley

Cataract Surgery in Difficult Cases

Chair(s): César Portilla Espinosa, Michael Struck

Particular Features of Phacoemulsification and Intraocular Lens Implantation in children with Congénital Cataract
Shamyrat Amansahedov, Guljemal Chariyeva, Maya Yagmurova

Surgical Management of Non-Traumatic Pediatric Ectopia Lentis: small series and review of the literature
Mohamed Diab
Long-Term Improvements in Vision and Diabetic Retinopathy Achieved and Maintained With PRN Ranibizumab Therapy During the RIDE/RISE Open-Label Extension (OLE)

Thomas Ciulla, Ivaylo Stoilov, Pin-wen Wang

Intravitreal Aflibercept for Diabetic Macular Edema: Long Term Outcomes from the VIVID-DME and VISTA-DME Studies

Jean Francois Korobelnik, David Brown, Frank Holz, Hiroko Terasaki

The Fate of 47: Diabetic Retinopathy (DR) Improvements with Ranibizumab in Patients With Moderately Severe to Severe Non Proliferative DR (NPDR)

Charles Wykoff, Karen Basu, Anne Fung, Zdenka Haskova

Is Pan-Retinal Photocoagulation for Diabetic Retinopathy One and Done?

Victor González, Anne Fung, Shamika Gune, Pin-wen Wang

Multifocal electroretinogram in Diabetic Retinopathy

Satyen Deka

Impact of Baseline Diabetic Retinopathy Severity Scale Score in VIVID-DME and VISTA-DME

Jennifer Arnold, Nicolás Feltgen, Frank Holz, Todd Katz, Chengxing Lu, Giovanni Staurenghi

A comparison between the efficacy of 577nm Yellow laser and 532nm Green Laser in the treatment of Diabetic Macular Edema

Anand Rajendran

Null genotype of Glutathione S-transferase-1 gene as a potential risk for developing Diabetic Retinopathy and Diabetic Macular Edema in a North Indian Population

Sujit Deshmukh, Shri Kant, Shraddha Pandey

Treating Diabetic Macular Edema: Evaluating the Impact of Intravitreal Aflibercept on Diabetic Retinopathy in the VIVID-DME and VISTA-DME Studies

Paul Mitchell, Jean Francois Korobelnik, Michael Larsen, Ian McAllister

The Genotype Phenotype Correlation of ICAM1 K469E Gene Polymorphism and Severity of Retinopathy in Patients with Type 2 Diabetes Mellitus

Sanjana Bejan Singh

Prevalence and causes of visual impairment in diabetic patients in Tunisia

Salim Ben Yahia, Nesrine Abroug, Sonia Attia, Bechir Jelliti, Rim Kahloun, Moncef Khairallah, Sonia Zaouali
INVITED SYMPOSIUM

**IS-MO-111/ 8:30 - 10:00/ Guadalajara 2**

**SOE Pediatric Eye Trauma**

Chair(s): Jan Tjeerd De Faber

Description:
This symposium will highlight several typical pediatric eye traumas and the treatment of these conditions. Blunt and sharp trauma to the globe. Trauma to the orbit and eyelids. Trauma to the EOM and the consequences to binocular vision and the threat of amblyopia in patients less than 7 years of age. Finally the 7 traumas of firework related eye injuries are demonstrated and the possibilities of treatment are shown.

Strabismus and Other Sequels after Trauma to the Child’s Eye
Andrea Molinari

Trauma to the Child’s Eye: Blunt Trauma and Eyelid Lacerations
Daniel Weaver

Strabismus after Trauma to the Orbital Wall
Branislav Stankovic

Firework Related Eye Injury
Jan Tjeerd De Faber

**IS-MO-129/ 8:30 - 10:00/ Salón Tequila**

**Current Possibilities for ROP Management (PanAmerican Society of ROP)**

Chair(s): João Fortes Filho, Luis Porfirio Orozco

Early Screening, When?
Luz Gordillo

Tools to Help During the Screening for ROP: WINROP, ROPScore, CHOPROP
Chatarina Löfqvist

Telemedicine to Help in the Screening for ROP
Michael Chang

Fluorescein Angiography Utility
Maria Martinez

Laser Treatment
Anna Ells

Antiangiogenic Therapy with Anti VEGF Bevacizumab
Helen Mintz

Combined Therapy (Laser and AntiVEGF/ Ranibizumab)
Odalis Arambulo

Concerns in Treating Preterm Babies with Anti VEGF
Ann Hellström

Surgical Decision and the Best Technique (Mesa Redonda)
Andrés Kychenthal

**IS-MO-147/ 8:30 - 10:00/ Moda**

**Implementation of the Global Eye Health Action Plan: Are We on Track?**

Chair(s): Ivo Kocur, Serge Resnikoff, Juan Silva

Description:
This joint WHOICO session will review the current status and opportunities in developing and strengthening universal eye care coverage at national, regional and global level.

Progress Towards Universal Access to Eye Care in Africa
Kovin Naidoo

Harmonizing Global Ophthalmology
Hugh Taylor

Current Status of Eye Care in the World
Ivo Kocur

Achievements in Building Universal Eye Care Coverage in the Americas
Juan Silva
Challenges in Tackling Leading Causes of Visual Impairment
Serge Resnikoff

**IS-MO-159/ 8:30 - 10:00/ Joya I & II**

**Interactive Session**

**Training Teams to Meet the Public Needs of Eye Care**

Chair(s): Daniel Kiage, Eydie Miller, Babar Qureshi

Description: Various aspects of the rationale and implementation of training teams and interprofessional education will be discussed.

Tips for Starting a Team Based Educational Program
Prashant Garg

What to Consider When Teaching Professionalism and Communication Skills in Interprofessional Education
Susan Ksiazek

The Goal of Training Teams and How It Would Improve Eye Care
Karl Golnik

The Goal of Training Teams and How It Would Improve Eye Care
Lynn Anderson

Interprofessional Education: What's the Evidence?
Ana Palis

Team Training: Maximizing Efficiency and Human Resources
Eydie Miller

Eyeexcel: Expanding the Global Eye Care Workforce Through Training of Teams
Suzanne Gilbert

### IS-MO-215/ 8:30 - 10:00/ Salón de Eventos 1

(Chilean Society of Ophthalmology and Paraguayan Society of Ophthalmology)

**State of Public Health in Chile and Paraguay**

Chair(s): Fernando Barria, Pablo Ciblis

Ocular Health in Paraguay: Evaluation of Second National Study
Pablo Ciblis

Visual Health Indicators in Chile and its Evolution Over the Last 10 Years; Causes of Visual Impairment Among School children in Chile and Management Plan
Fernando Barria

Increased Cataract Surgery as Part of a Health Law
Javier Corvolan

High Volume Cataract Surgery as Strategy to Decrease Prevalence of Blindness
Juan Carlos Gines

Strategies for Education, Screening and Management in Diabetic Retinopathy: How do I improve it?
Rodrigo Vidal

Prevention of Blindness Due to Diabetic Retinopathy, Barriers and Strategies to Uptake Eye Care Services
Miriam Cano

Glaucoma Screening and Management at the Primary Level: Challenge
Gonzalo Vargas

ROP Prevention of Blindness. 10 Years of Screening Program in Paraguay
Sara Pozzi

Lobbying to Guide Public Health Policies
Verónica Azocar
Monday, February 8th

**IS-MO-2338/ 8:30 - 10:00/ Salón de Eventos 3**

Clinicopathologic Correlation: Case Presentations

Chair(s): Hans Grossniklaus, Abelardo Rodriguez

Introduction
Hans Grossniklaus

Case Presentations
Sander Dubovy, Abelardo Rodriguez, Sarah Coupland, Hind Alkatan, Sun Xuguang, Charles Eberhart, Steffen Heegaard

**IS-MO-272/ 8:30 - 10:00/ Guadalajara 8**

(PAAO) Innovations on Diagnosis and Imaging on Vitreoretinal Diseases Symposium

Chair(s): J. Fernando Arévalo, R.V. Paul Chan, Lihteh Wu

Innovative Images in Retinopathy of Prematurity Using the RetCam: Implications for Clinical and Surgical Practice
R.V. Paul Chan

Is the Use of Dye Unnecessary for Fluorescein Angiogram Nowadays?
Caio Regatieri

Is Indocyanine Green Angiography Still Useful in 2016?
Daniela Ferrara

New Horizons in OCT Technology: What is New for Clinical Practice
Andre Romano

New Trends in Spectral Domain OCT Multicolor Images
Roberto Gallego

Intraoperative OCT: Changing Paradigms in Vitreoretinal Surgery
Audina Berrocal

Adaptive Optics Applied to Vitreoretinal Diseases
J. Fernando Arévalo

**IS-MO-7/ 8:30 – 10:00/ Guadalajara 7**

Facotormentas: entre el cielo y el infierno

Coordinador: Lyle Newball
Panelistas: Eduardo Viteri, Claudia Palacio, Juan Battle

Descripción:

Presentación de caso clínico y video en seis minutos, discusión en seis minutos con participación activa del público

Síndrome del bloqueo capsular post cicafe
Virgilio Centurión

Catarata y sinquisis centelleante….¿y usted que haría?
Luis Escaf

Catarata negra difícil
Arnaldo Espaillat

Faco hard shell
Jorge Jaramillo

Faco en situación de baja visualización
Ernesto Otero

Manejo de Artisan retropupilar luxado a cámara anterior en paciente postvitrectomizado
Lyle Newball

Síndrome de Lyell y catarata
Eduardo Chávez

**IS-MO-277/ 8:30 - 10:00/ Guadalajara 9 & 10**

(APGS) Angle Closure and Angle Closure Glaucoma: All You Wanted to Know but Were Too Afraid to Ask

Chair(s): Clement Tham, Tetsuya Yamamoto

Identifying Angle Closure Mechanisms
Prin Rojanapongpun

Evidence for Treatment of Mechanisms of PAC
Paul Chew

Surgical Treatment
Clement Tham
**IS-MO-2932/ 8:30 - 10:00/ Guadalajara 4**

**Corneal Imaging for the General Ophthalmologist**

Chair(s): *Michael Belin, Alberto Haber*

Description:
This symposium will provide the general ophthalmologist with a review of the latest corneal imaging technologies available. With an emphasis on the best clinical applications for each imaging technology.

**Basic Principles, Image Acquisition in Corneal Images**
Alberto Haber

**Scheimpflug Corneal Imaging**
*Michael Belin*

**Confocal Corneal Imaging**
*Dennis Cortés*

**High Resolution OCT**
*Carol Karp*

**Novel Imaging Technologies**
*Sayan Basu*

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**IS-MO-2955/ 8:30 - 10:00/ Guadalajara 5**

**ICO Quiz**

Chair(s): *Rashmin Gandhi, Santosh Honavar*

Description:
Each team, representing the best of residents and fellows in ophthalmology, will compete in a series of rounds. Answering questions based on a picture, video clip, or a sound clue, the teams will cover the entire spectrum of ophthalmology.

The decisive "Rapid Fire" round will consist of 10 questions asked and answered by each team in three minutes. There will be an elimination round for all the teams. Top four teams will then advance to the Final Quiz.
Requirements:
Each team of three must be comprised of residents and fellows in ophthalmology who are currently in training. Participants do not need to be society members.

No fee is required to participate in the quiz.

How to enter:

Individual Participants (Open Entry): Submit the entry form with the names of your team members and their contact information.

ICO Member Societies: Submit the entry form with the name of your society, the names of your team members, and contact information for your team members.

All entries should be emailed to Santosh G Honavar at: santosh.honavar@gmail.com as soon as possible, but no later than January 31, 2015.

IS-MO-345/ 8:30 - 10:00/ Calzado I & II
Scleral Lenses

Chair(s): Paulo De Oliveira, Newton Kara José

Slit Lamp Evaluation of Scleral Lens Fitting Practical Approach, Troubleshooting, Picture Taking
Halina Manczak

Fitting Scleral Lenses in Special Cases
Tanja Schaefer

Scleral Lenses for Severe or Non Severe Dry Eye Syndrome
Serge Doan

Scleral Lens as First Therapeutic Weapon in Severe Ocular Burn
Moatez Billah Mekki

Scleral Lens to Rescue Refractive Corneal Surgery Failure
Said Yahiaoui

Fitting Scleral Contact Lens in a Special Case of Christ-Siemens-Tourane Syndrome with Corneal Ectasia
Marcelo Sobrinho

Newton Kara José Lecture: The Sampling Error of Specular Microscopy of the Cornea and the Role of Reability Indexes
Fernando Abib

IS-MO-502/ 8:30 - 10:00/ Salón Zapopan
(Argentinian Society of Ophthalmology and Cuban Society of Ophthalmology)
Helpful Clinical Tips for the Daily Practice of the Busy Practitioner

Chair(s): Juan Hernández, Fabián Lerner

Description:
This symposium addresses six important topics of ophthalmology.

For each of these topics, tips for the general ophthalmologist with a busy practice are given.

Is My Patient with Glaucoma Progressing? Tips for the Busy Practitioner
Ibrain Piloto

Anti VEGF Injections: Who Will Benefit From This Treatment and Who Will Not?
Meisy Ramos

Management of Keratoconus in 2016: What You Should Know
Nicolás Fernández

New Paradigms in the Treatment of Diabetic Retinopathy
Arturo Alezzandrini

Options, Indications and Outcomes of Presbyopia Surgery
Alejandro Coussio

Advances in the Management of Congénital Cataract
Teresita De Jesús Méndez
IS-MO-107/ 10:30 - 12:00/ Guadalajara 2

(SOPLA) Pediatric Uveitis

Chair(s): Alejandra De La Torre, Carmen Santos, Nasrin Tehrani

Description:
In this symposium some important aspects in the diagnosis and treatment of different kind of uveitis in children, including infectious and noninfectious uveitis, will be presented.

Immunosuppressive Therapy in Pediatric Uveitis
Lisa Faia

Pars Planitis
Luz Elena Concha

Cataract Surgery in Pediatric Uveitis
Bahram Bodaghi

Biologic Therapy in Pediatric Uveitis
Manfred Zierhut

Parasitic Uveitis in Children
Alejandra De La Torre

Uveitis in Juvenile Idiopathic Arthritis
Uwe Pleyer

Behcet’s Uveitis in Children
Merih Egriparmak

Glaucoma and Uveitis
Nasrin Tehrani

IS-MO-137/ 10:30 - 12:00/ Salón Tequila

Modern Treatment of Retinal Inherited Diseases

Chair: Hugo Quiroz

Congénital Abnormalities and Their Impact in the Future
Hugo Quiroz

Artificial Vision (Argus II)
Arturo Santos

Gene Therapy
Steve Schwartz

RPE Transplantation
Sergio Rojas

Gene Therapy for Leber Congénital Amaurosis due to RPE65
Rodrigo Matsui

IS-MO-139/ 10:30 - 12:00/ Guadalajara 8

Indications for Laser Therapy in Vitreo-retinal Diseases

Chair: Benito Celis

Laser in Vascular Occlusions (CVRO and BVRO)
Arthur Levine

What is the Current Utility of PhotoDynamic Therapy?
Itzel Espinosa

Laser in Predisponent Lesions
Armando Sandoval

Subumbral Laser in Retinal Pathology
Martin Flores

Laser in Diabetic Retinopathy and Macular Edema
Víctor González

Discussion
Benito Celis

IS-MO-140/ 10:30 - 12:00/ Salón Tlaquepaque

Retinitis Pigmentosa in the World

Chair(s): Guillermo Salcedo Villanueva

Clinical and Genetic Heterogeneity of RP in México
Cristina Villanueva

RP Phenotype in Selected Systemic Diseases
Elías Traboulsi

Glaucoma Associated to Retinitis Pigmentosa
Sandra Dixon
How to Get Published

Chair(s): Pinar O’Dwyer, Arun Singh

Description: The course will focus on the major elements of a scientific article including the way to write an article, how to formulate the question in the paper, and tips for a good study, as well as the most common errors, and the main reasons for rejection by editors. Information will also be provided about the peer review process and how to navigate the review process including how to respond to a journal editor and to correct the articles with reference to the comments made by reviewers. In addition, the course will describe ethical issues and problems encountered when writing articles for academic journals.

How to Formulate a Question
Jost Jonas

Tips for a Good Study
Andrew Schachat

Ethical Issues
Pinar O’Dwyer

Anatomy of a Good Paper
Afsun Sahin

How to Navigate the Review Process
Arun Singh

The Challenge of Screening, Treating and Training for DR, Glaucoma and AMD in Latin America

Chair(s): Óscar Albis, Juan Silva, Lihteh Wu

Description: Several recent RAAB studies have been conducted in the Latin American Region in the last five years with three more ongoing during 2015, making it probably the best epidemiologically mapped region in the world. Consistently, all these studies have confirmed that cataract remains the primary cause of bilateral blindness, but with glaucoma and DR as the second and in some instances the third cause of blindness respectively, it is paramount to pause and consider how to better prepare the future generations of ophthalmologists in the region to address this growing demand on service provision.

With this in mind, we will discuss with a distinguished group of panelists and speakers various strategies for screening, referral and service provision as well as training, appropriate for the LA region.

Summary of Recent Population Based Studies in the Latin America Region
Juan Silva

Results of Population Based Studies in México
Pedro Gómez

The Role of the Prevention of Blindness Committee and the MoH in México
Enrique Graue-Hernández

The Role of PAAO and the National Ophthalmologic Society What is the Most Appropriate Nomogram for Screening and Follow up in Glaucoma
Óscar Albis

Cost Efficiency of Screening, Followup and Treatment for DR and AMD
Lihteh Wu
IS-MO-209/ 10:30 - 12:00/ Guadalajara 9 & 10

(WGA) Novel Methods to Mass Glaucoma Detection

Chair(s): David Friedman

Description:
Glaucoma is increasingly recognized as a treatable condition even in less developed countries. Unfortunately, most of those with glaucoma are undiagnosed and only present for care late in the disease after treatments are effective. This session will review the currently used strategies for screening for glaucoma in countries around the world and will offer insight into future screening strategies that will be available as technology improves in the coming years.

Detecting Angle Closure and Angle Closure
Glaucoma in Communities
Mingguang He

Screening In for Glaucoma in Africa
Daniel Kiage

Applying New Technology to Screening
David Garway

Screening Is More than Identifying Those with Disease: Initial Experience of a Large Screening Program in Baltimore
David Friedman

A Model for Identifying Glaucoma in India
Vijaya Lingam

How to Identify Glaucoma in Middle Eastern Populations; Logistics, Challenges and Opportunities
Esmail Eslah

IS-MO-213/ 10:30 - 12:00/ Salón de Eventos 1

(ALACCSA-R) Cirugía de Catarata en Pacientes con Enfermedad Corneal

Chair(s): William de la Peña, Eduardo Chávez

Transplante de córnea y cirugía de catarata
Luis Izquierdo

Astigmatismo posterior
Bruna Ventura

LIO tórico vs. incisiones límicas relajantes para el manejo de astigmatismo en cirugía de catarata.
Marcelo Ventura

Catarata y cirugía refractiva previa
Virgilio Centurión

Presenters who represent various international organizations will discuss effective educational models, their challenges and successes in establishing training programs.

Global Models of Educational Programs for the Eye Care Team
Eydie Miller

Improving Patient Care and Access through Training of Allied Health Personnel
Alejandro Dalma

Lessons from the Field: Aiming at Perfection: How the Teamwork Dramatically Changed the Eye Care Provision in India
Gullapalli Rao

An Ophthalmologist’s View of an Eye Care Team: Their Effectiveness and Productivity
William Astle

A Caribbean Model for Training the Eye Care Team
Lizette Mowatt

WHO and Team Training: A Global Perspective
Ivo Kocur

IS-MO-229/ 10:30 - 12:00/ Guadalajara 4

(JCAHPO) WHO JCAHPO ICO Session:
Models of Effective Eye Care Teams

Chair(s): William Astle, Ivo Kocur, Gullapalli Rao

Description:
This course will review best practices for training the eye care team to expand human capacity in various geographic regions.
DSAEK y multifocales: otro LIO
Juan Guillermo Ortega

Cirugía de catarata con femtolaser
Luis Escaf

Catarata en conteo endotelial bajo
Guillermo Rocha

Catarata y pterigión
Arturo Ramírez

Resultados refractivos a largo plazo después de cirugía de catarata con femtolaser
Arnaldo Espaillat

Desprendimiento de Descemet y facoemulsificación
Ernesto Otero

IS-MO-266/ 10:30 - 12:00/ Guadalajara 3

Office Based Eyelid and Lacrimal Procedures: Pearls from the Experienced

Chair(s): Kasturi Bhattacharjee, Juanita Carbajal, Don Kikkawa

Description:
This session aims to provide an insight into oculoplastics procedures that can be performed in the office. There has been a recent shift from complex procedures to more simple office based procedures. Office based procedures encompass many challenges and are dependent on the surgeon’s skill and experience. A variety of office based surgical approaches will be discussed and new options for management. The course will provide a basic understanding of patient selection and expectations.

Eyelid Lesion Removal
Habib Eatamadi

Office Based Aesthetic Eyelid Procedures and Techniques
Kasturi Bhattacharjee

Lower Lid Blepharoplasty
Héctor Marines

Office Based Ptosis Surgery
Milind Naik

Intralesional Triamcinolone for Vascular Malformations without Communication
Mary Rose Pe Yan

Office Based Techniques in Correction of Entropion and Ectropion
Ashok Grover

Punctaplasty and Medial Spindle Procedure
Don Kikkawa

IS-MO-2868/ 10:30 - 12:00/ Salón de Eventos 3

Histiocytic Tumors and Retinoblastoma

Chair(s): Hind Alkatan, Sarah Coupland, Sun Xuguang

Langerhans Cell Histiocytosis
Hans Grossniklaus

Juvenile Xanthogranuloma
Antonio Augusto Cruz

RosaiDorfman Disease
Sander Dubovy

Erdheim-Chester Disease
Charles Eberhart

Histiocytic Sarcoma
Sarah Coupland

IS-MO-2947/ 10:30 - 12:00/ Guadalajara 6

IOL Fixation with Deficient Capsular Support

Chair(s): Boris Malyugin, Marie-José Tassignon

Description:
This symposium will present techniques for intraocular lens fixation in cases with deficient capsular support. Different surgical techniques would be discussed along with video presentations.

Capsule Tension Rings: The Original
Alan Crandall

Capsule Tension Rings Revisited
Boris Malyugin
Glued IOL Fixation  
Priya Narang

Scleral Fixation of IOLs  
Iqbal Ike Ahmed

Bagin the Lens Implantation in the Compromised Capsule  
Marie-José Tassignon

IOL Fixation on the Natural or the Artificial Iris  
Rafael Barraquer

IS-MO-303/ 10:30 - 12:00/ Salón Tonalá  
Emerging Pharmacotherapies for Posterior Segment Diseases

Chair(s): Baruch Kuppermann, Taiji Sakamoto

Description: Update in available emerging treatments for retinal diseases.

Rock Inhibitor for Diabetic Retinopathy  
Shintaro Nakao

Tie 2 Activation for DME  
Quan Nguyen

Intravitreal Zaltrap for Wet AMD  
Mauricio Maia

Another New Therapy for Retinal Diseases  
Baruch Kuppermann

IS-MO-344/ 10:30 - 12:00/ Calzado I & II  
Therapeutics and Contact lenses

Chair: Jorge Valdés

Antibiotic Resistance  Surveillance Studies  
Penny Asbell

Therapeutic Properties of Artificial Tears in Contact Lens Wearers  
Lorenzo Mannucci

Therapeutic Contact Lens for Cornea Dystrophy  
Akira Murakami

Bandage for the Ocular Surface: Contact Lenses and Amniotic Membrane  
Omur Ucakhan

IS-MO-512/ 10:30 - 12:00/ Salón Zapopan  
Must Knows for Management of End Stage Neovascular Glaucoma

Chair(s): Amel Ouertani, José Paczka, Christopher Teng

Description: This session will present and assess the available treatments or patients with severe or terminal neovascular glaucoma. The pros and cons of the procedures presented.

Risk Factors and Management of NVG in Urban Versus Rural Area  
Amel Ouertani

Aggressive Management in the Eye with Terminal NVG  
Ramanjit Sihota

Glaucoma Implants in NVG  
Christopher Teng

Endocyclophocoagulation vs Transscleral Cyclophotocoagulation in NVG  
Vincent Korder

Results of Double Ahmed Glaucoma Valves in NVG  
Mauricio Turati

Current Approach in the Management of NVG  
Waleed Tantawy

Other Alternatives in the Management of NVG  
Rodolfo Pérez
Monday, February 8th

SE-MO-6/ 10:30 - 11:15/ Guadalajara 7

Evento Especial Sociedad Mexicana de Oftalmología

Presiden: Ricardo Trigo
Coordinador General: Jorge Valdés
Ejecutivo WOC2016: Ricardo Trigo
Coordinador Científico: Jorge Valdés

Conferencia Magistral “Revista Mexicana de Oftalmología”

Everardo Hernández Quintela: La ciencia de medir en oftalmología

Presenta: Everardo Hernández

SE-MO-6/ 11:15 - 12:00/ Guadalajara 7

Mesa Redonda Magistral “Dr. Magín Puig Solanes”

Regina Velasco Ramos: Ectasias corneales primarias y secundarias

Panelistas: Óscar Baca, José Ricardo Vargas, Everardo Hernández, Luis Izquierdo

IS-MO-8/ 14:00 – 15:30/Guadalajara 7

Perlas en el cálculo de lente intraocular en casos desafiantes de cirugía de catarata

El cálculo del poder del lente intraocular en casos de cirugía refractiva previa en todas sus modalidades es un tema de controversia; se analiza el tema con la presentación de casos clínicos que día a día se ven con más frecuencia en nuestra práctica. Dichos casos implican un gran reto pues cada vez más los pacientes tienen altas expectativas en los resultados visuales. En la discusión se abordarán temas relacionados: aparatos para la medición del poder corneal, fórmulas, tipos de lentes, incisiones de entrada, etc. El objetivo general es dar conclusiones normativas de utilidad para los asistentes.

Cálculo de LIO en postoperatorio de cirugía refractiva
Ponente: Ingrid Urrutia
Modera: Cecilio Velasco

Panelistas: Daniela Pulido, Jaime Zapata, Sergio Ruiz, Eduardo Moragrega, Ariel Prado, Ricardo Abrego

Casos clínicos
Ponentes: Claudia Palacio, Gilberto Islas, Fernando Mora
Modera: Eduardo Chávez

Panelistas: Jorge Domene, Fernando Solorio, Marisol Garzón, Claudia Palacios, Gilberto Islas, Fernando Mora, Mariana Mayorquín.

Astigmatismo y facoemulsificación.
Ponente: Jesús Arrieta
Modera: Erick Mendoza.

Panelistas: Santiago García, José Antonio Claros, Linda Nasser, Mariana Takane, Cristina González, Sonia Pluma.
**Pharmacology and Retinal Toxicity**
Chair: José Luis Rodríguez

Retinal Damage Due to Colorants During Vitrectomy and Case Presentation: Discussion  
José Luis Rodríguez

Retinal Toxicity due to Solar Radiation  
Vanessa Flores

Systemic Drug Toxicity  
Leónor Hernández

Retinal Phototoxicity Caused by Fiberoptic Endoillumination During Vitrectomy  
Sergio Hernández

Retinal Toxicity due to Intravitreal Drugs  
Mauricio Maia

Utility of the ERG in the Drug and Light-Induced Retinal Injury  
Ángeles Hernández

Preclinical Date on Cytotoxicity and Oxidative Stress of Intravitreal Drugs  
Ricardo Casaroli

**Low Vision and Comorbidities**
Chair(s): Boshra El Bayoumi

Description: Visual impairment (VI) has economic and social costs. Low vision impacts on every part of a person's life. The presence of additional conditions can compromise health and rehabilitation outcomes. VI is associated with falls, reduced capacity to carry out everyday activities, the need for extra care, and is one of the strongest risk factors for functional status decline in community living people. The impact in quality of life is devastating.

The Importance of Working with Other Specialties  
Sandra Larco

Genetic Analysis in Low Vision Patients  
Juan Zenteno

Vision, Cognition and Driving  
Lylas Mogk

Vision Loss and Falls  
Anne Riddering

Visually Impaired Elderly and Depression  
Ger Rens

Effect of Visual Rehabilitation on Motor Rehabilitation in CP Cases  
Boshra El Bayoumi

Advocacy in Low Vision  
Mildred Fromow

**IS-MO-192/ 14:00 - 15:30/ Alcade**

(APSEG) Symposium Genetic Eye Diseases: Genes, Counseling and Therapies
Chair(s): J. Bronwyn Bateman, Govindasamy Kumaramanickavel, Kohji Nishida

Description: Genes associated with inherited ocular diseases.

Genetic Counselling: Emerging Trends in Inherited Eye Diseases and Next Gen Sequencing Diagnostics  
Govindasamy Kumaramanickavel

Genotypephenotype Correlations in Congénital Glaucoma  
Christiane Al Haddad

Molecular Characterization in Patients with Primary Congénital Glaucoma, Aniridia and Axenfeld Rieger Syndrome  
Cristina Villanueva

Phenotypes Associated With Different Mutations in ABCA4  
Elías Traboulsi

Genetic Testing for Glaucoma  
Janey Wiggs
Monday, February 8th

IS-MO-214/ 14:00 - 15:30/ Joya I & II

(WIO) Telemedicine and Ophthalmology
Chair(s): Lama Al Aswad, Vanessa Bosch

Description:
Teleophthalmology is a branch of telemedicine that delivers eye care through digital medical equipment and telecommunications technology. Today, applications of teleophthalmology encompass access to eye specialists for patients in remote areas, ophthalmic disease screening, diagnosis and monitoring; as well as distance learning.

Teleophthalmology enables health professionals to take ocular images and attend to patients who have limited access to ocular health care. There has been a significant increase in teleophthalmology research over the past decade. However, differences in health information exchange standards, data security, liability issues, and cost of equipment are other major challenges in teleophthalmology.

TeleOphthalmology Europe
Carolina Pallás

Iris Health System
Yvonne Chu

TeleOphthalmology in NYC
Lama Al Aswad

Experience in Building the Los Ángeles County Department of Health Services Teleretinal Diabetic Retinopathy Screening Program
Lauren Daskivich

The Future of Healthcare: Innovation and the Digital Age
Maria Tazi

**IS-MO-262/ 14:00 - 15:30/ Guadalajara 3**

Thyroid Orbitopathy Today and Tomorrow
All About TAO: Evidence Till Now and a Peep into the Future

Chair(s): Peter Dolman, Robert Goldberg, José Pérez

Description:
Thyroid associated orbitopathy continues to be a source of significant morbidity for the affected patients. In this session we will review the newest thinking about the pathophysiology of the disease, including insights from molecular medicine. The laboratory and imaging evaluation of patients will be reviewed. Medical therapy and orbital radiotherapy will be reviewed, with emphasis on evidencebased recommendations. Masters in surgery will discuss options and techniques for eyelid retraction, proptosis, and aesthetic rehabilitation. There is still a great deal to be learned about the disease, and directions for new research will be considered.

Updates on Molecular Pathogenesis in TAO
Kelvin Kamlung Chong

Update on Lab Studies and Imaging in TED
Fernando Colombo

Advances in Medical Therapy for TED
José Pérez

Update on Radiotherapy for TED
José Luis Tovilla

Surgical Options for Proptosis in TED
Michel Tazartes

Updates on Eyelid Retraction Surgery
Daniel Rootman

Aesthetic Rehabilitation in TAO A Personalized Approach
Robert Goldberg

Updates on ITEDS Current and Planned Research in TED
Peter Dolman
IS-MO-269/ 14:00 - 15:30/ Guadalajara 5

World Forum of Ophthalmological Journal Editors I

Chair(s): Paulo Dantas, Alejandro Navas, Arun Singh

Description: What Everyone Ought To Know About Publishing a Scientific Paper

What Makes a Great Article? Mark Rosenblatt

How to Make a Draft and Start Writing? Sayan Basu

Tables, Graphics and Figures J. Bradley Randleman

Common Errors in Scientific Writing Lihteh Wu

Titles, Abstracts and Introduction J. Fernando Arévalo

How to Write a Review? Víctor Pérez

IS-MO-281/ 14:00 - 15:30/ Salón de Eventos 3

South American Ophthalmic History

Chair(s): Andrzej Grzybowski, Jorge Valdéz

Description: The session will disclose important facts, figures and achievements from the South American Ophthalmic History, including Argentina, Brazil, México and historical relations between Spanish and South American Ophthalmology.

The Evolution of the Community Eye Programs in Brazil Keila Carvalho

A History of Argentinian Ophthalmology Omar López

Paulina Satanowsky (1897-1985) and Manuel Balado (1897-1942) and Idiopathic Opto Chiasmatic Arachnoiditis Andrzej Grzybowski

The Ophthalmological Knowledge in the New Spain (México and Central America) During XV, XVII and XVIII Centuries Jorge Valdéz

Histórical Relations Between Spanish and South American Ophthalmology Rafael Barraquer

IS-MO-2933/ 14:00 - 15:30/ Guadalajara 4

Cornea, From Pterygium Surgery to Endothelial Grafts

Chair: Lilía Rivera

Description: Didactic with discussion time.

Perfect Technique for Pterygium Surgery Emilio Baez

Other Pterygium Techniques Vanessa López

Other Uses of Amniotic Membrane in the Cornea Lilía Rivera

Keratoconus Apps in Surgical Technique Roberto Albertazzi

Endothelial Grafts, Evidence in Favor of DMEK Nicolás Fernández

IS-MO-2945/ 14:00 - 15:30/ Guadalajara 6

Conquering the Rock Hard Cataract

Chair(s): Yehia Amin, David Chang

Description: Attendees would be able to have a comprehensive
update on management of cases with hard cataracts. Surgical pearls and techniques would be presented by stalwarts in this session.

The Two Nuclei Concept Technique for the Hard Cataract
Yehia Amin

Corneal Protection OVD Viscoelastic: Pearls
David Chang

Divide and Conquer: Pearls
Alan Crandall

Upside Down Stop and Chop in Black (Nigrans) Cataract
Virgilio Centurión

Manual Small Incision ECCE
Samar Basak

IS-MO-301/ 14:00 - 15:30/ Salón Tonalá
Emerging Cell and Gene Based Therapies for Posterior Segment Diseases
Chair(s): Baruch Kuppermann, Gursel Yilmaz
Description: The symposium will focus on various cell based therapies being developed for the treatment of common retinal diseases.

Neural Stem Cells for AMD
Theodore Leng

Retinal Progenitor Cells for Treatment of Retinitis Pigmentosa
Henry Klassen

Embryonic Derived RPE Cells for AMD and Stargardts
Ninel Gregori

New Developments in Sustained Deliver to the Vitreous and Retina
Paul Ashton

Advances in Gene Therapy for Retinal Disease
Thomas Chalberg

IS-MO-309/ 14:00 - 15:30/ Mueble I & II
(COS) Global Information and Inter Relations in Ophthalmology: The Path to the Future
Chair(s): Guillermo Rocha, Rand Simpson

Description: With the rapidly changing field of ophthalmology both regionally and globally, our approach to interrelations both locally and worldwide, with patients and professionals alike, demands continuing evaluation of current strategies involving methods of education, transfer of information and collaborative patient care. This session will address some of these issues relating to collaborative approaches to eye cancer care, ophthalmic imaging, management of diabetic eye disease, oculoplastic procedural guidelines and the use/misuse of social media in our profession, as this technology and its increasing availability continues to impact patient care on a global scale.

International Description and Management of Eye Cancer: A Collaborative Approach
Rand Simpson

Retina Imaging Now and the Future
Eduardo Navajas

Remote Management of Diabetic Eye Disease
Michael Brent

Social Media in Ophthalmology: Benefits and Hazards
Guillermo Rocha

Oculoplastic Management: A Global Collaboration
Nancy Tucker

IS-MO-348/ 14:00 - 15:30/ Salón Zapopan
Keratoconus
Chair(s): Ebru Toker

Description: Over the past decade the management of keratoconus has changed from the traditional model limited only to rigid gas permeable lenses or penetrating keratoplasty to an array of newer medical and surgical treatment modalities that focus both on prevention of
disease progression and improvement of functional visual acuity. Contact lenses are generally the first treatment attempted, after stabilization of the disease. We proceed to surgical options when contact lens fitting fails. All these surgical treatments aim to achieve satisfactory unaided vision however contact lenses may still be required for further visual improvement. New design contact lenses like keratoconus design rigid gas permeable lenses, soft lenses, hybrid and scleral lenses offer the advantage of better comfort together with improved vision. In this symposium, a panel of experts will debate their preferences of therapies such as collagen crosslinking (CXL) (standard and accelerated), intracorneal ring segments and combined procedures, lamellar and penetrating keratoplasty and contact lens fitting options after these surgical procedures.

Current Protocols of CXL to Halt the Progression of Keratectasia
Ebru Toker

Contact Lens Fitting after CrossLinking
Dorothea Kuhn

Intracorneal Ring Segments for Keratoconus
Penny Asbell

Contact Lens Fitting after Intracorneal Ring Segments
Omur Ucakhan Gunduz

Contact Lens Fitting in Post Keratoplasty Keratoconus Eyes
Lim Li

IS-MO-466/ 14:00 - 15:30/ Salón Tlaquepaque

ICO Fellowships and Exams Joint Symposium

Chair(s): Peter Gabel, Cordula Gabel, Simon Keightley

ICO Introduction/Standard Examinations, Foundation Formative Assessment Online Demonstration and Advanced Examination
Simon Keightley

Facts on ICO Fellowship Program
Peter Gabel

How to Apply for an ICO Fellowship Award
Cordula Gabel

IS-MO-511/ 14:00 - 15:30/ Salón de Eventos 1

(MEACO) Glaucoma Challenges in Developing Nations

Chair(s): Ahmed Abdulla, Jesús Jiménez-Román, Amel Ouertani

Description:
The session will present and discuss the burden and the glaucoma related challenges in developing countries including the lack of infrastructure, human resources and the financial issues.

Challenges Related to Early Detection and Diagnosis
Ebtisam Al Alawi

Treatment Options: Pros and Cons
Adel Al Jazzaf

Strategy to Improve the Situation
Suad El Fitouri

Burden of Glaucoma in Developing Nations in Africa
Fátima Kyari

Challenges Related to Management: Socioeconomic Impact of Glaucoma in México
Gabriel Lazcano

Burden of Glaucoma in Developing Nations in Latin America
Jesús Jiménez-Román

Challenges Related to Management: Socioeconomic Impact of Glaucoma in México
Juan Rueda

Challenges Related to Management: Medical and Ocular Surface Problems
Sihem Lazreg

Choosing a Treatment: Making a Difference
Luis Silva

Role of the International Community
Amel Ouertani
IS-MO-514/ 14:00 - 15:30/ Guadalajara 9 & 10

Glaucoma as a Neurodegenerative Disease

Chair(s): Félix Gil, Jost Jonas, Fabián Lerner

Description: The session will present and discuss glaucomarelated changes in the brain including structural changes in the visual centers of the brain cortex, alterations in cerebrospinal fluid pressure, similarities and differences between glaucoma and other central nervous diseases, and neuroprotection.

Glaucoma The Most Common Neurodegenerative Disease

Neeru Gupta

Glial Changes in Glaucoma

M. Francesca Cordeiro

Cerebrospinal Fluid Pressure and Glaucoma

Ningli Wang

Is Mitochondrial Function Implicated in Glaucmatous Neurodegeneration?

David Garway

Neuroprotection

Robert Weinreb

Chronic Neurodegenerative Diseases and Their Relationship with Glaucoma

Mark Moster

Glaucoma: Similarities and Differences with Other Brain Diseases

Thamar Gómez

IS-MO-9/ 16:00 – 17:30/ Guadalajara 7

Glaucoma moderado y avanzado: el reto de la progresión y de la rehabilitación visual

Se abordará el diagnóstico oportuno de glaucoma, diferenciando las etapas de la enfermedad y correlacionando los hallazgos en nervio óptico con los estudios de diagnóstico estructural y funcional clave del tratamiento.

Se incluirá la prevención del glaucoma y la rehabilitación en los pacientes adultos con visión funcional deteriorada secundaria a éste padecimiento.

Igualmente se expondrá la importancia de la habilitación integral y visual del infante con glaucoma congénito.

Perlas en el diagnóstico y tratamiento del glaucoma moderado y avanzado.

Marina Ramírez

Diferencias clínicas y estructurales entre glaucoma moderado y avanzado.

Jesús Jiménez-Román

Progresión en glaucoma: puntos clave para el diagnóstico

Curt Hartleben

Prevención en glaucoma y repercusion en la vision baja

Mildred Fromow

Rehabilitación visual en el paciente con glaucoma

Ana María Beauregard

Tratamiento médico en glaucoma moderado y avanzado: diferencias, que tan baja debe ser la PIO, costo beneficio.

Juan Carlos Rueda
MIGS para glaucoma moderado y avanzado: ¿Realmente pueden detener la progresión?
Ike Ahmed

Los retos del tratamiento convencional y moderno para países en desarrollo: costo beneficio.
Félix Gil

Caso clínico: glaucoma congénito
Rosa Elena de la Torre

Manejo de la visión baja en niños con glaucoma congénito
Lourdes Medina

IS-MO-118/ 16:00 - 17:30/ Guadalajara 8
(Costa Rican Association of Ophthalmology and Panamanian Ophthalmology Society) Update in Macular Telangiectasia Type 2

Chair(s): Teodoro Evans, Lihteh Wu

Description: Update in Macular Telangiectasia

Update in Pathogenesis
Francisco Rodríguez

Clinical Features and Current Classification
Jay Chhablani

Update in Ancillary Studies
Lihteh Wu

Current and Future Treatments
Teodoro Evans

IS-MO-136/ 16:00 - 17:30/ Salón Tequila

Current Approaches in the Management of Polypoidal Choroidal Vasculopathy (PCV) and Retinal Angiomatous Proliferation (RAP)

Chair: David Lozano

Angiographic Diagnosis of Choroidal Polypoidal Vasculopathy
Michael Engelbert

Differential Diagnosis of Choroidal Polypoidal Vasculopathy vs Central Serous Chorioretinopathy
Renata García

Results of Choroidal Polypoidal Vasculopathy with Photodynamic Therapy
Pablo Muñoz

Results of Choroidal Polypoidal Vasculopathy with Anti VEGF Monotherapy
Javier del Valle

Combined Treatments
Gabriela López

Treatment of Retinal Angiomatous Proliferation
José Antonio López

Case Presentation and Discussion
David Lozano

IS-MO-148/ 16:00 - 17:30/ Moda

New Data and Trends on Prevalence and Causes of Visual Impairment

Chair(s): Rupert Bourne, Hugh Taylor

Description:
In 2010, 65% of 32.4 million blind people and 76% of 191 million people with moderate and severe vision impairment (MSVI) worldwide had a preventable or treatable cause, compared with 31.8 million and 80% of 172 million in 1990. Leading causes worldwide in 1990 and 2010 for blindness were cataract (39% and 33%, respectively), uncorrected refractive error (20% and 21%), and macular degeneration (5% and 7%), and for MSVI were uncorrected refractive error (51% and 53%), cataract (26% and 18%), and macular degeneration (2% and 3%). Causes of blindness varied substantially by region. Worldwide and in all regions more women than men were blind or had MSVI due to cataract and macular degeneration.

These data from the Global Vision Database will be updated for 2014 in this session and future projections using this comprehensive database of all population-based survey data published (and unpublished) since 1980, will be made available with guidance on how to access this information through the online visualization tool (www.iapb/maps). Leading international experts will present information
on coverage of data from three key regions of the World, namely China, Africa and Latin America.

Both governments and nongovernmental organizations need to monitor the prevalence of blindness and vision impairment over time and this and the issue of national 'indicators' for eyecare will be discussed for each of these regions. The efforts these regions have made to provide this data or meet these international expectations will be discussed. Population based studies vary widely in their design, a common distinction being made between 'rapid' studies and 'comprehensive studies'. 'Rapid' methodology studies have provided important information for regions in which data had been sparse until recently. The relative coverage of these surveys for these regions will be presented.

The Global Vision Database: New Data and Trends
Rupert Bourne

China: New Data and Trends
Jialiang Zhao

Africa: New Data and Trends
Kovin Naidoo

Latin America: New Data and Trends
Juan Silva

Diabetic Retinopathy: New Data and Trends
David Friedman

Glaucoma: New Data and Trends
Neenu Gupta

Translating Prevalence into ‘Burden’ The Issue of Disability Weights
Jill Keefe

Using Epidemiological Data to Effect Change
Serge Resnikoff

IS-MO-160/ 16:00 - 17:30/ Joya I & II

Interactive Session

Evidence Based Education: Is It Possible?

Chair(s): Fernando Gómez, Peter Quiros, Andries Stulting

Description:
Evidence Based Education could provide a sound base to our daily practice as educators. During this course the evidence about some current and new practices in medical education will be discussed.

Evidence Based Medicine, Evidence Based Education: Are They Comparable?
Jorge Valdéz

Teaching through Lectures: What's the Evidence of its Effectiveness?
Peter Quiros

Online or Face to Face Learning? Which One is Better?
Eduardo Mayorga

Transference of Surgical Skills from Virtual Reality Simulation Surgical Training to Practice: What is the Evidence?
Mathys Labuschagne

Small Group Clinical Training, Evidence of a 30 Year Career in Academic Ophthalmology
Andries Stulting

Interprofessional Learning: What's the Evidence?
Prashant Garg

IS-MO-177/ 16:00 - 17:30/ Guadalajara 5

World Forum of Ophthalmological Journal Editors II

Chair(s): Mohsen Kashkouli, Pinar ODwyer, Everardo Hernández

Description:
What Everyone Ought To Know About Publishing a Scientific Paper
How to Choose the Journal?
J. Bradley Randleman

How to Send the Manuscript?
Sayan Basu

Peer Review Types
J. Fernando Arévalo

References and Citations/ Bibliometrics
Mark Rosenblatt

Ethics and Plagiarism
Víctor Pérez

IS-MO-190/ 16:00 - 17:30/ Guadalajara 2
Low Vision and Vision Rehabilitation

Chair(s): Ger Rens

Description:
Rehabilitation for patients with Low Vision is mandatory. It helps people with visual impairment to regain their independence by doing normal daily tasks. Also helps patients to be safe and active so they can participate in activities and community despite vision loss.

Strategies for vision rehabilitation will be discussed as they vary with age, level of impairment, pattern of loss and individual patient goals and experience.

Vision Rehabilitation in Glaucoma Patients
Kazuhide Kawase

Defining International Rehabilitation Standards
Filippo Amore

Patterns of Vision Loss: Implications for Rehabilitation
Mary Jackson

How to Manage the Disturbance of the Reading Mechanisms in Visually Impaired
Boshra El Bayoumi

Reading Speed and Reading Test
Ger Rens

Rehabilitating With an Eye Towards the Future Visual Rehabilitation in Children
Maria Rodríguez

Total Eye Care
Jim Runciman

IS-MO-259/ 16:00 - 17:30/ Guadalajara 3

(ISOPRS) Endoscopic Procedures in Oculoplasty and Pediatric Oculoplasty

Chair(s): William Katowitz, Sunil Moreker, Kelvin Chong

Description:
This symposium will present recent developments in both adult and pediatric oculoplastic surgical techniques. A variety of endoscopic approaches and instrumentation will be described which will provide new options for the management of orbital and lacrimal disorders.

In addition, for the management of congenital ptosis, the value of combining different surgical approaches in the repair of upper lid ptosis will be discussed for most effectively managing certain types of bilateral pediatric ptosis problems.

The importance of careful preoperative evaluation for determining the optimum surgical technique in the repair of these oculoplastic disorders will be emphasized.

The Use of a Ultrasonic Bone Aspirator in Pediatric Endonasal Endoscopic Dacryocystorhinostomy
William Katowitz

Endoscopic Orbital Decompression
Kelvin Chong

Endoscopic Orbital Fracture Correction and Orbital Tumour Removal
Sunil Moreker

Transcanalicular Endoscopy
Reynaldo Javate

Pediatric Orbital Fracture
Renbing Jia
Monday, February 8th

IS-MO-2890/ 16:00 - 17:30/ Guadalajara 6

(PAAO) The Cutting Edge in Cataract Surgery

Chair(s): Eduardo Chávez, William Culbertson, Luis Izquierdo

Description:
This session will cover controversial topics in state of the art cataract surgery.

Femto Phaco vs NonFemto: To Be or Not to Be
Guillermo De Wit

Phaco and PKP: Phacosuction a new Technique
Carlos Martínez

PhacoNightmares
Eduardo Soriano

Dealing with Aphakia
Juan Ortega

When and How Should Phaco Surgery Be Teached
Jessica Ciralsky

Optimizing Astigmatism Correction in Facorefractive Surgery
Bruna Ventura

Phaco Challenging Cases
Daniela Pulido

SubSaahara Stepping Out
Kgao Edward Legodi

Down Under Is Not Down and Out
Catherine Green

Physician Executive Relations
Teresa Bradshaw

Multi-cultural, Multi Lingular Alliances
Stefan Seregard

Conclusions
Michael Brennan

IS-MO-2924/ 16:00 - 17:30/ Salón de Eventos 3

Special Symposium on Leadership

Chair(s): Lourdes Arellanes, Michael Brennan, Jans Fromow

Description:
Enhanced Professionalism in Ophthalmology through Global Leadership Development.

Introduction
Jans Fromow

Why Is This So Much Fun?
Cynthia Bradford

Be Nice to Your Neighbors
Zelia Correa

Sequence of Events in Uveal Melanoma
Martine Jager

The Molecular Basis of Heredity in Uveitis
Calvin Pang

Mucopolysaccharidosis and the Eye
Simone Finzi

Vascular Functions Recovery in Retina of Dystrophin Dp-71 null Mouse Strain after AAV Mediated Dp71 Restoration
Álvaro Rendón

Exploring Genetic Architecture in AMD
Paul Baird

A Novel Anti Calcification/Anti Stiffness Gene and Mechanism in Glaucoma
Terete Borras

Genotype Phenotype Associations in Age Related Macular Degeneration
Kenji Yamashiro
Monday, February 8th

IS-MO-510/ 16:00 - 17:30/ Guadalajara 9 & 10

(PAGS) Tips in Glaucoma for the General Ophthalmologist

Chair(s): Fabián Lerner, Robert Weinreb

My Tips in Gonioscopy
Rodolfo Pérez

How Do I Evaluate IOP in Clinical Practice
Marcelo Hatanaka

How to Read an OCT Exam
Curt Hartleben

Laser Trabeculoplasty: Is It Still Useful?
Robert Feldmann

IS-MO-532/ 16:00 - 17:30/ Salón de Eventos 1

(MEACO) Controversies in Cataract and Refractive Surgery

Chair(s): Osama Ahmed, Georges Baikoff, Omar Beltaief

Description: Controversies in Cataract and Refractive Surgery.

DSAEK: Accessible and Reproducible
Maycene Ben Mhamed

Femtosecond Laser Assisted Phaco: The Quest for Perfection
Anas Anbari

Femto Lasik: Still the Gold Standard
Merieme Harouch

Artisan: How it Stands the Test of Time?
Frik Potgieter

Conventional Phaco: It Doesn’t Get Any Better Than This
Omar Beltaief

SMILE: A New Paradigm
Osama Ahmed

DMEK: Transition to Unmatchable Outcome
Georges Baikoff

IS-MO-625/ 16:00 - 17:30/ Salón Zapopan

(SOPANOP) Mis casos difíciles de órbita, cómo los abordo (My Tough Orbital Cases, How I Approach Them)

Chair(s): Fernando Colombo, Cristina Hidalgo, José Luis Tovilla

Description:
This session is intended for the oculoplastic surgeon with an special interest in orbital disease. It will focus in some special cases that represent a challenge regarding diagnosis, treatment plan, surgical approach, and outcomes. Several patients will be discussed to illustrate different topics.

Tratamiento del Linfangioma Orbitorio (Treatment of Orbital Lymphangiomas)
Rosa Balcells

Tumores de Abordaje Quirúrgico Difícil (Tumors with Difficult Surgical Approach)
Jorge Corona

Fracturas Orbitarias Complejas: Manejo (Complex Orbital Fractures: Management)
Guillermo Salcedo

Patología de la órbita Procedente de Tejidos Vecinos (Orbital Disease Invading from the Vicinity)
Ana Rosa Pimentel

Manejo de la Cavidad Orbital Contraída (Management of the Contracted Socket)
Cristina Hidalgo

Cuerpos Extraños Orbitarios (Orbital Foreign Bodies)
José Luis Tovilla

Presentación de Casos Clínicos y Sesión de Preguntas (Case Presentations and Questions)
Fernando Colombo
**INVITED COURSE**

**IC-MO-212/ 8:30 - 10:00/ Salón Tonalá**

**(PAOOS) Hot Topics in Oncology**

Chair(s): Jonathan Kim, Arun Singh

Update in the Management of Ocular Surface Neoplasias
Sonia Callejo

Small Choroidal Melanoma
Carlos Medina

Imaging Techniques
Rubens Belfort

FNAB
David Pelayes

AJCCTNM Classification in Ocular Oncology
Gerardo Graue

Uveal Melanoma: Aspects of Mortality
Arun Singh

Retinoblastoma: Management
Jonathan Kim

**IC-MO-258/ 8:30 - 10:00/ Guadalajara 3**

**(ESOPRS) Orbital Inflammation**

Chair(s): Dion Paridaens, Geoff Rose, David Verity

Description:
In the second part, we will discuss the spectrum of periorbital xanthogranulomatous conditions. The different clinical entities of juvenile and adult-onset xanthogranuloma (JXG and AOX), Adult onset Asthma and PeriOrbital Xanthogranuloma (AAPOX), necrobiotic xanthogranuloma (NBX) and Erdheim Chester Disease (ECD) show important similarities upon histopathological evaluation.

Although the xanthogranulomatous conditions are rare, it is important to recognize this group of orbital disorders that may be complicated by haematological abnormalities and malignancy.

The relationship to IgG4-related disease will be discussed as well as the current management options.

Finally, we will focus on a common orbital inflammatory condition: thyroid eye disease. The management of this condition will be discussed, including the choice of immunosuppressive therapy and surgery. We will highlight the differences between the management of the patient with active and inactive disease and the importance of a staged approach to rehabilitation in quiescent TED.

Orbital Inflammation Is a Tissue Response and NOT a Diagnosis
Geoff Rose

Periorbital Xanthogranuloma: A Spectrum of Disease
Dion Paridaens

Thyroid Eye Disease: Management of Active and Inactive Phases of Disease
David Verity

**IC-MO-163/ 10:30 - 12:00/ Joya I & II**

**Interactive Session**

**Tips for Ophthalmic Educators: Improving Your Presentation Skills**

Chair(s): Karl Golnik, Eduardo Mayorga, Ana Palis

Description:
Though widely criticized, lectures are still the most frequent strategy for delivering knowledge in medicine. There is evidence that lectures can be effective if
learners are involved in the lecture and presentations are appropriately designed. Strategies to make lectures more effective will be discussed during this course.

Tips for Ophthalmic Educators: Improving Your Presentation Skills
Karl Golnik, Ana Palis, Eduardo Mayorga

IC-MO-168/ 10:30 - 12:00/ Alcade
Molecular Technologies for Gene Mapping and Functional FollowUp
Chair(s): Rola Hamam, Chris Hammond, Juan Zenteno
Description: Update of molecular technologies and gene mapping for the ophthalmologist.
Gene Environment Interactions with Myopia
David Mackey
Homozygosity Mapping in Retinal Dystrophies
Buentello Beatriz
Exome Analysis for Diagnosis in Ophthalmic Disorders
Juan Zenteno
Glaucoma: SIX6 from GWAS to Function
Michael Hauser
Clinical Phenotype of Two Sisters with HPS6 Mutations Identified by Wholeexome Sequencing
Yoshihiro Hotta
Exome Sequencing in Primary Congénital Glaucoma
Terri Young
Japan Whole Exome Project for Hereditary Retinal Diseases
Takeshi Iwata

INVITED VIDEO
IV-MO-2934/ 16:00 - 17:30/ Salón Tlaquepaque

RETINAWS
Chair(s): Kourosh Rezaei
Description: Video discussion of intraoperative complications.
Case Presentations: Kirk Packo, Maria Berrocal, Ehab El Rayes, José Roca, Arturo Alezzandrini

CASE
CA-MO-251/ 8:30 - 10:00/ Mueble I & II
Imaging of the Eye and Visual Brain
Chair: Kevin Chan
Description: Provides an overview on what can be learned from imaging the brain and the eye in neurodegenerative disease.
Glaucoma Neuroimaging in Humans and Experimental Animal Models
Kevin Chan
OCT Imaging of Alzheimer’s Disease
Bernhard Baumann
Neurovascular Coupling in the Retina
Gerhard Garhöfer
Quantitative MRI of the Eye
Eric Muir

CA-MO-246/ 10:30 - 12:00/ Mueble I & II
New Approaches in Retinal Imaging
Chair(s): Wolfgang Drexler, David Huang
Description: Gives an update on novel retinal imaging techniques.
Monday, February 8th

OCT Angiography
David Huang

Measurement of Retinal Oxygen Extraction
Leopold Schmetterer

Choroidal Imaging Using OCT
Wolfgang Drexler

Polarization Sensitive OCT
Yoshiaki Yasuno

**CA-MO-175/ 16:00 - 17:30/ Salón Tonalá**

**(ISOO) Rapid Fire Case Presentation**

Chair(s): Hans Grossniklaus, Arun Singh

Management of Orbital Optic Nerve Disease in Retinoblastoma
Ashwin Mallipatna

Retinocytoma: A Special Case
Jacob Pe’er

Bad News, maybe?
Carol Shields

A Peculiar Conjunctival/orbital Lesion, and 30 Years Followup On Peculiar Iris Lesions
Jerry Shields

Conservative Therapy of Retinoblastoma in China: Initial 3 Year Outcomes
Junyang Zhao

Retinal Reactive Astrocytic Tumor
Hans Grossniklaus

Intraocular Mass
Arun Singh

Panoramic (150°) ICG and Fluorescein Angiography in Metastatic Tumors of the Choroid
Leónidas Zografos

Retinoblastoma
Laurence Desjardins

Unknown Case
Tero Kivela

Posterior Scleritis Mimicking a Choroidal Mass
Sarah Coupland

Peripapillary Cavernous Hemangioma
Masood Naseripour

**CA-MO-382/ 16:00 - 17:30/ Guadalajara 4**

**Interactive Session**

**(AOI) Prevention and Management of Complications in Anterior Segment Surgery: An Experience Based Approach**
What the Literature Doesn’t Teach Us

Chair(s): Gullapalli Rao, Robert Ritch, Abhay Vasavada

Description:
This course aims to bring out top clinical pearls from experts on prevention and management of complications in anterior segment surgery (cataract, corneal refractive surgery, corneal transplantation, glaucoma surgery). The aim is to discuss effective strategies and solutions for complications commonly faced in different surgical procedures, going beyond what literature describes.

Important Note: This session is scheduled to end 15 minutes later at 17:45.

AOI Lecture: Introduction
Gullapalli N. Rao

AOI Lecture: Management of Surgical Complications of Uveitis. An Outcome and Experience Based Approach.
Rubens Belfort

“Failed SC Catheterisation During Canaloplasty: What Should We Do?”
Ningli Wang

Discussions with Patients About Surgery - Legal and Related Issues
Paul Lee

Early Graft Dislocation Following DSAEK
Harminder Dua

Small Pupil Challenges in Conventional and Femtosecond Laser Assisted Cataract Surgery
Boris Malyugin
Dealing with Small Pupils, the Surgical Science or Gadgets?
Jorge Alio

DSEK: Graft Attachment and Detachment
Harminder Dua

Intraoperative Flap Complication in Femto Lasik
Ioannis Pallikaris

INSTRUCTION COURSE

INS-MO-32/ 8:30 - 9:15/ Guadalajara 1
Estrategias médicas y quirúrgicas en transplante de alto riesgo
Instructores: Nallely Ramos, Luz Elena Concha, Dr. Guillermo de Wit, Dr. Josué Rodríguez, Valeria Sánchez

Descripción:
Se expondrán las características clínicas de trasplante de alto riesgo, epidemiología del rechazo inmunológico y falla, y prevención de rechazo: antes, durante y posterior a la cirugía de trasplante. Se hará una revisión del manejo del paciente de alto riesgo y la experiencia con inmunomoduladores

INS-MO-33/ 9:15 - 10:30/ Guadalajara 1
Manejo quirúrgico de la parálisis facial
Instructores: Rosa Isela Rubio, Guillermo Salcedo, Ariel Ceriotto, José Luis Tovilla, Guilherme Castella

Descripción:
Se explicarán los efectos sobre la fisiología y protección palpebral de la parálisis del VII nervio craneal a partir de lo cual se plantearán las diversas formas de manejo quirúrgico y sus resultados a largo plazo.

El saber reconocer la afección específica en cada paciente nos permite decidir cuando el manejo deba dirigirse a párpado superior, canto, ectropión paralítico, peso facial, o a múltiples factores, a fin de lograr un efecto permanente o al menos duradero en la resolución del daño funcional secundario a esta patología.

Efecto funcional de la falla del VII nervio
Ariel Ceriotto

Manejo del párpado superior
José Luis Tovilla

Manejo del tercio medio facial
Rosa Isela Rubio

Uso de fascia temporal como soporte permanente
Guilherme Castella

INS-MO-1275/ 8:30 - 10:00/ Salón de Eventos 2
Surgical Management In Uveitis A Multidisciplinary Approach
Course Instructor(s): Amala George, Shantha Balekudaru, Rama Rajagopal, Parveen Sen

Descripción:
Uveitis is known to be associated with a wide variety of complications in almost every subspecialty of ophthalmology needing surgical interventions. Advances in modern surgical techniques have helped significantly in improving the surgical success rate in uveitic cases. This instruction course aims to help the practicing ophthalmologist to successfully prevent and manage complications of uveitis.

INS-MO-1389/ 8:30 - 10:00/ Salón de Eventos 6
Myopia and Glaucoma
Instructors: Fernando Gómez, Sarwat Salim, Omar Salamanca, Wen Hsiang Lee

Descripción:
The participants will be able:
1) To emphasize on the difficulty of the glaucoma diagnosis in myopic patients.

2) To describe the optic disc and retinal changes of myopia and glaucoma.

3) To identify the most useful diagnostic technologies to assess these patients.

4) To give some practical recommendations about how to deal with patients with myopia and glaucoma.
INS-MO-1917/ 8:30 - 10:00/ Salón de Eventos 4

Pediatric Oculoplasty Recent Advances

Course Instructor(s): Sunil Moreker, William Katowitz, James Katowitz

Description:
The participants will be able to:

1) Enumerate four common paediatric conditions which require specialised care
2) Discuss the management principles in congenital ptosis
3) Discuss the management of contracted socket in the child
4) Discuss the management of orbital tumours
5) Discuss the management of orbital fractures
6) Discuss the management of complicated lacrimal drainage disorders in children

INS-MO-2552/ 8:30 - 10:00/ Salón de Eventos 7

Intracorneal Ring Segment Implantation in Keratoconus and Corneal Ectasia

Course Instructor(s): Rafael Barraquer, Juan Álvarez

Description:
At the conclusion of this course, the attendee will have a better understanding of the action of intracorneal ring segments, how to select and combine them (and eventually with other techniques) to improve the results in the correction of keratoconus and other corneal ectasia.

INS-MO-2885/ 8:30 - 10:00/ Minerva I & II

ABC in Effective Ophthalmic Publishing

Course Instructor(s): Andrzej Grzybowski, Francesco Bandello, Alejandro Navas

Description:
Fast development of computer technology and internet changed the publication practice over last decade. The need for speed and global availability of publication has become now at least equally important as the prestige of a journal. In this workshop we emphasize the basics of modern scientific publishing looking more closely on the manuscript traffic within the editorial office and the manuscript selection.

INS-MO-916/ 8:30 - 10:00/ Salón de Eventos 5

Retinal Vascular Occlusions Medical and Surgical Management

Course Instructor(s): Shlomit Schaal, Tongalp Tezel

SYNOPSIS:
Controversies concerning the pathogenesis and treatment of retinal vascular occlusions will be highlighted. Lecture and panel discussion will contrast traditional conservative treatment approach with the newly introduced concept of vitreoretinal surgery for retinal reoxygenation.

OBJECTIVE:
To familiarize general ophthalmologists and vitreoretinal specialists with current indications and the status of newly evolving surgical techniques for the treatment of retinal vascular occlusion.

INS-MO-1441/ 10:30 - 12:00/ Salón de Eventos 5

Cataract Panorama

Course Instructor(s): Ramamurthy Dandapani, Chitra Ramamurthy, Shreyas Ramamurthy, Abhay Vasavada

Description:
The constant endeavour would be to deliver several take home points to the attending delegates which they can directly employ on their return to surgery. The entire course format will be highly interactive.
Aplicaciones clínicas de la microscopía confocal in vivo y oct de segmento anterior en la patología corneal

Instructor: Dennis Cortés

Descripción:
Reconocer las aplicaciones clínicas de las imágenes obtenidas con la microscopía confocal in vivo y OCT de segmento anterior en el diagnóstico, manejo y seguimiento de pacientes con diversas patologías que afectan la superficie ocular y segmento anterior.

Low Vision Basics

Course Instructor: Sanjiv Desai

Descripción:
To impart appropriate skills in clinical low vision, including assessment of patients and dispensing low vision aids.
The course is designed for training ophthalmologists, residents and other eye care professionals in clinical low vision care.

Retinopatía de la prematurez: qué, porqué, quién y cuando

Instructores: Luis Porfirio Orozco, Marco Antonio De la Fuente, Leónor Hernández, Andrés Kychenthal, Silvia Moguel

Descripción:
El número de nacimientos pretérmino se estima en 15 millones en el mundo y va en aumento. La rehabilitación del prematuro debe siempre anticiparse sin esperar a evidencias de disfunción sino estableciendo una guía de manejo efectivo. El diagnóstico temprano de retinopatía del prematuro permite los tratamientos con laser combinados con antiangiogénicos para reducir el daño severo en la retina. El manejo multidisciplinario del prematuro incluye una rehabilitación visual adecuada.

Controversias en cirugía refractiva

Instructores: Alberto Haber, Ricardo Trigo, Enrique Graue-Hernández, Tito Ramirez

Descripción:
Se realizará un recorrido por las distintas opciones actuales de cirugía refractiva con especial énfasis en los siguientes puntos:

- Alta miopía: cirugía corneal vs. intraocular
- Cirugía fotoablativa: límites y femtolaser
- Lentas intraoculares: tóricos, multifocales, faquicos, Cirugía incisional, conductiva, anillos intraestromales

Se presentarán casos clínicos de los cuales los expertos podrán aterrizar consejos y recomendaciones a los asistentes.

Ojo seco: Nuevos métodos de diagnóstico y tratamiento

Instructores: Manuel Ramírez, Everardo Hernández, María Costa, Nallely Ramos

Descripción:
Se revisarán los aspectos básicos y clínicos más importantes del ojo seco y el asistente podrá reconocer y saber aplicar las más nuevas técnicas de diagnóstico y tratamiento de los diferentes tipos de ojo seco. Se presentará también la respuesta del epitelio corneal después de tratamiento de ojo seco evaluada con microscopía confocal.

Interpretation and Clinical Application of OCT from Retina to Cornea: All You Need To Know

Course Instructor(s): Shri Kant, Sujit Deshmukh, Shraddha Pandey

Descripción:
At the conclusion of this course the attendees will be able to:
1. Understand working principles of OCT

2. Accurately interpret OCT in
   a. Diseases of the vitreoretinal interface
   b. Macular edema, degeneration and other macular pathologies
   c. Glaucoma for ganglion cell layer and optic nerve head
   d. Neuroophthalmology for multiple sclerosis

3. Use OCT for
   a. Planning of LASIK and other refractive surgeries
   b. Evaluate anterior chamber configuration and assess risk of angle closure
   c. Calculating IOL power for cataract surgery in post LASIK patients
   d. Phakic IOL implantation surgery and postoperative follow up

4. Attain basic knowledge of newer OCT machines.

**INS-MO-2298/ 14:00 - 15:30/ Salón de Eventos 4**

**Effective Doctor Communication: Going Beyond Medical Knowledge**

Course Instructor(s): Helena Filipe, Karl Golnik, Andreas Lauer, Heather Mack, Eduardo Mayorga, Ana Palis, Bruce Spivey

Educational Goal: To embrace the different types of communication skills that doctors should hold to meet the many different interests’ groups of people they should encounter while practicing.

Learning Objectives:
1. Explain the good practices of an effective clinical interview
2. Explain how to handle challenging medical encounters
3. Define major principles to deliver effective presentations
4. Describe best practices to give effective feedback
5. Describe behaviors to build a good relationship with the media
6. Explain how to make productive team meetings

**INS-MO-2353/ 14:00 - 15:30/ Salón de Eventos 7**

**Phacoemulsification in eyes with complex corneal situations**

Course Instructor(s): Jeewan Titiyal, Arup Chakrabarti, Manpreet Kaur, Namrata Sharma, Abhay Vasavada

Description:
It is important to know various complexities in each steps of phacoemulsification surgery to achieve an optimal outcome in complex corneal situations. IOL power calculation is a difficult task and requires a specific approach.

At the conclusion of this course, the attendees will be able to plan optimal IOL power calculations based on suitable fórmulas and would have gained important surgical tips and sufficient confidence for performing phacoemulsification in these difficult and complicated situations.

**INS-MO-2834/ 14:00 - 15:30/ Salón de Eventos 9**

**Queratocono en niños: crosslinking o anillos estromales, ¿Estamos en lo correcto?**

Instructores: Jorge Pacheco, Melis del Carmen

Descripción:
Analizar el manejo actual internacional y personal de queratocono en pacientes pediátricos específicamente con crosslinking y/o anillos intraestromales

**INS-MO-444/ 14:00 - 15:30/ Salón de Eventos 5**

**Optical Coherence Tomography Angiography**

Course Instructor(s): David Huang, Andre Románo, Bruno Lumbroso, Yali Jia, Marco Rispoli

Description:
- Detect choroidal neovascularization and evaluate response to treatment using OCT angiography.
- Detect retinal neovascularization and assess macular ischemia in diabetic retinopathy using OCT angiography.
- Diagnose glaucoma and other optic neuropathy using OCT angiography.
Ambliopía vs binocularidad: El Reto

Instructores: Silvia Moguel, Rosalia Heras, Martha Ramírez, Rocío Rodríguez, Adriana Valdés, Rosana Vidal

Descripción:
El objetivo del curso es analizar y contextualizar la importancia de tratar y conservar la binocularidad. La función visual es una de las actividades cerebrales más complejas, de gran importancia en la evolución humana. Más del 50% del cerebro participa en funciones visuales y gran parte de las funciones cerebrales de aprendizaje e incluso memoria dependen a su vez de una actividad visual sana, por ende la falla en la misma se manifestará con detrimento en diversas actividades visumotoras. El estrabismo puede provocar un grave defecto en el desarrollo de la visión binocular. El desconocimiento de los efectos corticales que puede ocurrir en la ambliopía estrábica en la población general provoca un grave daño a la salud infantil que repercutirá en diferentes grados de defecto en las habilidades visumotoras del adulto.

Cirugía de catarata complicada: retos quirúrgicos de difícil manejo

Instructores: Eduardo Chávez, Guadalupe Cervantes, Erick Mendoza, Cecilio Velasco, Daniela Pulido Jesús Arrieta, Ingrid Urrutia

Descripción:
Mediante la presentación de casos reto pretendemos aportar técnicas avanzadas y consejos prácticos en su resolución, de forma tal que el asistente pueda participar, intercambiar experiencias y compartir conocimientos de utilidad tanto en casos habituales como en casos problema.

Actualidades en retinopatía de la prematuridad

Instructores: Juan Carlos Bravo, Consuelo Zepeda, Hugo Quiroz, Marco Antonio de la Fuente

Descripción:
La retinopatía de la prematuridad (ROP) es la causa principal de ceguera prevenible en la infancia. Reto a mediano plazo: una mayor cobertura para la detección oportuna mediante la preparación de oftalmólogos. Curso dirigido a especialistas que se encuentra en contacto con pacientes prematuros u oftalmólogos que deseen conocer el manejo práctico actualizado de la ROP.

Temas:
conceptos actuales de la ROP, análisis epidemiológico de la enfermedad de acuerdo al área geográfica, la experiencia panamericana. Impacto social por la falta de detección oportuna, aspectos médicos legales y económicos. Recomendaciones prácticas para su manejo y estado actual de los tratamientos disponibles. Perspectivas de manejo a futuro.

Less Than Perfect Outcomes After Uneventful Cataract Surgery: What Are We Missing?

Course Instructor(s): Arup Chakrabarti, David Chang, Parag Majmudar, Samuel Masket, Kevin Miller, Jeewan Titiyal

Descripción:
At the end of the course the attendee will become competent in managing their dissatisfied patients who have less than perfect outcomes after uneventful and uncomplicated cataract surgery.

Vitrectomía en las diferentes patologías de la interfase vitreomacular

Instructores: Arturo Santos, Jaime Dávila, Manuel de Alba, Jesús González, Juan José Toledo

Descripción:
Los asistentes aprenderán técnicas quirúrgicas en membrana epiretiniana, agujero macular, agujero macular combinado con desprendimiento de retina, marcadores y colorantes en cirugía macular, interpretación y utilidad del OCT macular en diagnóstico y tratamiento de enfermedades de la macula.
INS-MO-2194/ 16:00 - 17:30/ Salón de Eventos 2

Evaluación de la relación estructura función en glaucoma

Instructores: Lulú Ululani Gurría, Jasbeth Ledesma

Descripción:
Los asistentes podrán identificar los cambios estructurales más característicos del nervio óptico, la capa de fibras nerviosas y el complejo de células ganglionares y reconocer los correspondientes defectos campimétricos en una serie de casos clínicos de diversos tipos de glaucoma.

INS-MO-996/ 16:00 - 17:30/ Salón de Eventos 6

Actualización en tomografía de coherencia óptica y autofluorescencia para el oftalmólogo general

Instructores: René Cano, Salvador López, David Pelayes

Descripción:
Conocer la técnica, indicaciones, metodología, utilidad clínica e interpretación de las imágenes de autofluorescencia de fondo de _ojo (AF) y de tomografía de coherencia óptica convencional y de realce profundo (EDI, por sus siglas en inglés) en enfermedades de retina.

FREE PAPERS

FP-MO-7002/ 8:30 - 10:00/ Salón de Eventos 8

Anything with Crosslinking

Chair(s): Simon Holland, Manuel Ramírez

Refractive Cross Linking: The next generation of Corneal Molding and myopia control
Sami El Hage

Transepithelial and Stromal Pulsed Light Accelerated Corneal Crosslinking (paCXL) for Patients with Progressive Keratoconus
Andrew Olivo Payne, Alexandra Abdala, Enrique Graue-Hernández, Erick Hernández, Jaime Larrea, Alejandro Lichtinger, Alejandro Navas, Arturo Ramírez

Photorefractive crosslinking for the correction of myopia: Preliminary result of a controlled prospective clinical trial
Matthias Elling

Efficacy and Refractive outcomes of LASIK with simultaneous crosslinking in Asian eyes with high myopia
Mohamad Rosman

Outcome of Topography Guided Photorefractive Keratectomy with CrossLinking for Ectasia after Laser Assisted In Situ Keratomileusis with 2 refractive lasers
Simon Holland, David Lin

Confocal microscopy findings after 2 different techniques: epioff and transepithelial crosslinking
Manuel Ramírez, Everardo Hernández

Comparative study of standard corneal collagen crosslinking versus transepithelial corneal crosslinking by iontophoresis of riboflavin, 24 months follow up
Guzel Bikbova, Mukharram Bikbov, Emin Usubov, Nelly Zainullina

Intrastromal complete corneal ring implantation combined with corneal collagen crosslinking
Emin Usubov, Mukharram Bikbov, Guzel Bikbova, Gyulli Kazakbaeva

Comparison of early outcomes of Topography guided photorefractive keratectomy with cross linking for Keratoconus between 2 refractive lasers
Simon Holland, David Lin

Influence of crosslinking with riboflavin and UVA on sclera and eye structure in rabbits.
Gyulli Kazakbaeva, Michail Astrelin, Mukharram Bikbov, Guzel Bikbova, Emin Usubov

FP-MO-7005/ 8:30 - 10:00/ Alcide

Interactive Session

Contact Lenses, Ocular Trauma

Chair(s): Mohamed Diab, Bhartendu Shukla, Mariya Stepanova

Comparison of Contact Lens and Posterior Chamber Intraocular Lens Correction of Monocular Aphakia during Infancy age group
Mohamed Diab
Monday, February 8th

Role of Induced Higher Order Aberrations in the Myopia Control Effect of OthoKeratology Lenses
Andriy Kovalov, Oksana Averyanova

Bilateral Central Toxic Keratopathy after Laser in Situ Keratomileusis: A Case Report and Review of Literature
Ahmed Abdelmaksoud, Osama Ahmed, Nigel Terk, Howe Khoo

New concepts on the use of artificial tears in contact lens wearers
Lorenzo Mannucci

Analysis of 320 cases of ocular trauma by new classification of ocular trauma
Bhartendu Shukla

Retained Intra orbital Foreign Bodies (IOFB)
Syed Kadir, Golam Haider, Mukti Mitra

Open Globe Eye Injury Characteristics of A Tertiary Military Hospital in Turkey: Review of 15 Years Experience
Soner Guven, Onder Ayyildiz, Ali Durukan, Cuneyt Erdurman, Murat Kucukevcioglu, Fatih Mutlu

Enucleation After OpenGlobe Injury: A 14 Year Urban Study
Xintong Li, Neelakshi Bhagat, Paul Langer, Roger Turbin, Marco Zarbin

PostTraumatic submacular hemorrhage removal
Mohamad Khalife

FP-MO-7025/ 8:30 - 10:00/ Salón de Eventos 9

Oftalmología pediátrica y estrabismo

Moderadores: Paula Morelos, Elsa Flores, Juan Razo

Detección de factores de riesgo de ambliopía en niños escolares y preescolares en una población mexicana
Sara González, María González, Juan Homar Páez, María Rodríguez

Comparación de las respuestas a las maniobras de oclusión monocul y Posner en el estudio del estrabismo disociado
Gloria Miers, Maria Estela Arroyo

Uso de Toxina Botulínica A en el tratamiento de las endotropias parcialmente acomodativas
Elsa Flores, Alejandra Aguilar, María Castillo, Claudia Elena Murillo, Rosana Toledo, Jessica Vargas

Terapia visual con Play Station Portable™ como tratamiento en ambliopía
Ricardo Fernando Torres, Mauricio Cedillo, Gerardo García, Andrea Ortiz

Efectividad de la brimonidina como vasoconstrictor profiláctico en cirugía de estrabismo.
Mariana Rodriguez, Alejandra Aguilar, Lucrecia Berganza, Raúl Macedo, Claudia Elena Murillo, Rosana Toledo, Jessica Vargas

Longstanding strabismus Waiting more than 30 years for surgery
Miguel Paciuc

Tratamiento de la desviación vertical disociada en niños con daño neurológico por medio de cirugía inervacional
Ivonne Segura

Bloqueantes tópicos y sistémicos en el tratamiento en los hemangiomas capilares en la infancia.
Daniela Welschen, Maria Estela Arroyo

Asesoramiento genético para retinoblastoma:
Análisis bioético
Paula Morelos, María de la Luz Casas, Juan Carlos Juárez

B-bloqueantes tópicos y sistémicos en el tratamiento en los Hemangiomas Capilares en la infancia
Lidia Barabini, Susana Grees

Hemorragias retinianas en recién nacidos propuesta de clasificación y correlación clínica
Juan Carlos Juárez

Uso de telemedicina en tamizaje y detección de retinopatía del prematuro en unidades de cuidados intensivos en Guadalajara, Jalisco. Proyecto piloto.
Juan Razo, Eusebio Angulo, Andrea Barragan, Césarea González, José Gutiérrez, Daniel Pérez, Luz Zepeda
FP-MO-7008/ 10:30 - 12:00/ Salón de Eventos 7

**Corneal Inlays**

Chair(s): Detlev Breyer, Moones Abdalla, Jesús Cabral

ICL and TICL in Keratoconus
Tamer Gamaly

The First Clinical South African Experience with the Latest Refractive Femtosecond Laser Procedure: Small Incision Lenticule Extraction
Frik Potgieter

Comparative evaluation of Small Incision Lenticule Extraction and Femtosecond LASIK for correction of Low to Moderate Astigmatism
Vishal Jhanji, Tommy CY Chan, George Cheng, Alex Ng, Clement Tham, Zheng Wang, Victor Woo, Cong YE

Impact of Different Cap Thicknesses on Visual Outcomes 1 Year after Refractive Lenticule Extraction (ReLEX) smile compared to FemtoLASIK
Detlev Breyer, Hakan Kaymak, Karsten Klabé, Florian Kretz

High Myopic Correction Outcomes: Small Incision Lenticular Extraction versus Laser Assisted in situ Keratomileusis (more than 5 diopters)
Felipe Soria, Jorge Alio, Timothy Archer, Mohamed El Bahrawy, Dolores Ortiz, Dan Reinstein

Crosslinking the ultrathin cornea following tailored stromal expansion with refractive lenticule
Ritika Sachdev, Gitansha Sachdev, Mahipal Sachdev

Association between Hay Fever and High Myopia in United States Adolescents and Adults
Brian Shafer

Visual, Refractive and Clinical and Outcomes of Small Incision Lenticule Extraction (SMILE) vs. Implantable Collamer Lens (ICL) for High Myopia
Jesús Cabral, Enrique Graue-Hernández, Jaime Larrea, Alejandro Navas, Arturo Ramírez, Karla Van Dick

SMILE for hyperopic astigmatism
Moones Abdalla, Osama Ahmed

Compared changes of higher order aberrations after LASIK and femtosecond small incision lenticule extraction in correction of myopia and myopic astigmatism
Alexander Ovchinnikov, Oleg Kostin, Sergey Rebrikov, Alexey Stepanov

Long term safety and efficacy of small incision lenticule extraction for high myopia more than 10 diopters
Osama Ahmed, Moones Abdalla

FP-MO-7020/ 10:30 - 12:00/ Salón de Eventos 9

**Non Syndromic and Syndromic Strabismus and Visual Rehabilitation in Children**

Chair(s): Birgit Lorenz, Marcel Tusscher, Birsen Gokyigit

Diffusion Tensor Imaging of visual callosal fibres in human infantile strabismus shows lack of pruning
Marcel Tusscher

Longterm observation of treatment for inferior oblique overaction with graded recessionanteriorization and the modified graded recession anteriorization
Chunhua Sun, Ze Wang, Bo Xia

Minimal invasive esotropia surgery. High frequency radio wave surgery technique
Igor Aznauryan, Erik Aznauryan, Victoria Balasanyan

Pulleyopathy: Neuroanatomical Strabismus Due to Pulley Heterotopy in Orbital Dystopias and Craniosynostosis
Zia Chaudhuri, Joséph Demer

Clinical Features and Surgical Management of Patients with Congénital fibrosis of extraocular muscles (CFEOM)
Le Xuan, Uyen Tran, Thuy Vu

Surgical Management of Congénital Fibrosis of Extraocular Muscle (CFEOM)
Birsen Gokyigit, Ebru Aygit, Aslı Inal, Osman Ocak

Integrated Approach to Pediatric Eye Care services in Nepal An example of successful model of Pediatric eye Care service
Sailesh Mishra, Ravi Adhikari, Tirtha Mishra
Outcome of pediatric cataract surgery in Copper belt province of Zambia.
Parikshit Gogate, Chileshe Mboni, Eleanor McNab, Lene Overland

Visual rehabilitation of children with Marfan syndrome by using scleral fixing intraocular lens: A hospital based study
Mastura Khatun, Tarikul Ahsan, Md Atiquzzaman, Mohammad Hossain, Quazi Iftekhar, Nazmul Kallol

Visual Outcomes of Traumatic Cataract Surgery in Bangladeshi Children: A Hospital Based Study
Nahid Ferdausi, AHM Enayet Hussain

Inyecciones intravitreas: profilaxis sin antibióticos tópicos
Vladimir Poposki, Isaac Alarcón, Agnieszka Dyrla, Ignasi Jürgens, Ana Martinez, Daniela Poposka, Daniel Viaplana

Resultados a 9 años del estudio doble ciego, controlado, comparativo entre terapia fotodinámica (FDT) + triamcinolona intravitrea vs terapia triple con fdt + triamcinolona + ranibizumab en membrana neovascular asociada a degeneración macular relacionada a la edad.
Rosa Romero

Estabilidad a largo plazo de los exoimplantes de espuma silicona
Carlos Caballero, María Izquierdo

Uso de viscoelástico en la identificación de sangrado difuso activo transoperatorio en el paciente diabético
Josué Lozano, Carlos Azuara, Jaime Dávila, Manuel de Alba, Jesús González, Josué Lozano, Jesús Mohamed Hamsho, Juan José Toledo, Hugo Treviño, Valeria Zapata

Hallazgos por tomografía de coherencia óptica en pacientes con desprendimiento de retina regmatogénico con involucro macular pre y post cerclaje escleral
Rosa Romero

Asociación entre la imagen de autofluorescencia y la tomografía de coherencia óptica en pacientes con desprendimiento de retina reaplicado
Jorge Sánchez, Benito Celis, Itzel Espinosa, Juan Abel Ramírez, Ángeles Hernández, Arthur Levine, Carla Montaño, Sergio Rojas, Araceli Rojas, Adriana Saucedo

Proposed Classification For Tomographic Posterior Vitreous Detachment (PVD), And High Prevalence Of Type 3 PVD In Diabetic Macular Edema Among Diabetic Patients
David Rivera, Carlos Aguilar, Paloma Almeda, Enrique Graue-Hernández, Sergio C. Hernández, Aida Jiménez, Liliana Pérez

Resultados anatómicos y funcionales de la terapia antimineralocorticoide con espironolactona via oral en la coriorretinopatía central serosa crónica
Jorge García, José Arroyo, Luis Iniesta, Sara Lichi Ruiz, Gabriel Ochoa, Fátima Romero

Endoftalmitis posterior a Bevacizumab (Avastin): 10 casos consecutivos
Claudia Martínez

Retina: imagenología y terapéutica multimodales
Moderadores: Roberto Gallego, Rosa Romero, Jorge García

Correlación de las mediciones de retina y coroides entre dos sistemas de tomografía de coherencia óptica de dominio espectral y uno de barrido
Salvador López, René Cano, Federico Graue, José Luis Rodríguez

Imágenes mejoradas del vitreo tomadas con diferentes sistemas de OCT de dominio espectral
Maria Martínez

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Endoftalmitis posterior a Bevacizumab (Avastin): 10 casos consecutivos
Claudia Martínez

FP-MO-7027/ 10:30 - 12:00/ Salón de Eventos 8
Retina: imagenología y terapéutica multimodales

Moderadores: Roberto Gallego, Rosa Romero, Jorge García

Correlación de las mediciones de retina y coroides entre dos sistemas de tomografía de coherencia óptica de dominio espectral y uno de barrido
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David Rivera, Carlos Aguilar, Paloma Almeda, Enrique Graue-Hernández, Sergio C. Hernández, Aida Jiménez, Liliana Pérez

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Endoftalmitis posterior a Bevacizumab (Avastin): 10 casos consecutivos
Claudia Martínez

FP-MO-7033/ 10:30 - 12:00 / Minerva I & II
Uveitis

Chair(s): Ana Escalona, Tushar Grover, Tania Albavera

Refractory Necrotizing Scleritis treated successfully with Adalimumab
Avinash Gurbaxani
Clinical manifestations on patients with Polyangiitis with Granulomatosis in an ophthalmological reference center in México City.
Ana Escalona, Yasha Bobadilla, Miguel Pedroza

The Antiinflammatory effect of Tectorigenin in a mouse model of experimental Autoimmune Uveitis
Kuidong Kang, Su Ah Kim, HyeBin Yim, Joon Myung Yoon

Etiologic diagnosis of anterior uveitis in mexican population
Lorena Ramírez, Víctor Bautista, Miguel Pedroza

Outcomes of cataract surgery in patients with pars planitis and immunosuppressive therapy
Tania Albavera Giles, Miguel Pedroza, Juan Carlos Serna

A study of Clinical picture, Visual prognosis and Treatment outcome of uveitis in Behçet's disease
Tushar Grover, S R Rathinam

Vogt-Koyanagi-Harada Syndrome a review of 114 patients in Mexican population
Yasha Bobadilla, Miguel Pedroza

Secondary Corneal Amyloidosis Following Perforating Corneal Trauma: A Series of 5 Cases and a Review of the Literature
Seymour Brownstein, Solin Saleh

Fundus autofluorescence imaging in posterior uveitis
Dipak Nag, Rinku Paul, Pankaj Roy

Uveitis in children and adolescents in a reference Center in México
Beatriz Valadez, Miguel Pedroza

Clinical features of syphilitic uveitis in an ophthalmologic reference center in México City
Ricardo Medina, Yasha Bobadilla, Miguel Pedroza

Macular Edema, Laser Vitreolysis

Chair(s): Robert Johnston, Anisha Gupta, Marco Zarbin

Realworld visual acuity outcomes of ranibizumab treatment for retinal vein occlusion in a well defined region of the United Kingdom
Robert Johnston, Ahmed Sallam

Comparison of structural and functional changes following intravitreal aflibercept in patients with neovascular age-related macular degeneration, diabetic macular edema, and macular edema secondary to retinal vein occlusion.
Andleeb Zafar, Helena Cilliers

Intravitreal Dexamethasone / Ozurdex implant in Retinal Vein Occlusions: review of efficacy and safety in clinical practice 1, 2 and 3 year results
Helena Cilliers, Lubna Razzaq, Andleeb Zafar

Longterm Efficacy and Safety of 0.5 mg Ranibizumab compared with 0.7 mg Dexamethasone Intravitreal Implant in patients with Branch and Central Retinal Vein Occlusion: The Comrade Extension study

Detailed Visual Acuity Outcomes and Impact of Baseline Perfusion Status in the VIBRANT Study
Lloyd Clark, Friedrich Asmus, David Boyer, David Brown, Jeffrey Heier, Kay Rittenhouse

Submacular Surgery for “White Circle”; Diabetic Macular Edema with Serous Macular Detachment Containing Hard Exudates
Naoko Tachi

Diabetic macular edema outcomes with antiVEGF treatments: comparison of randomized controlled clinical studies
Marco Zarbin, Na Lu, Ivaylo Stoilov

Visual Acuity Improvement after laser vitreolysis of thickend hyaloid membranes
Scott Geller

Impact on Patient Satisfaction with Laser Vitreolysis in a General Ophthalmology Community
Inder Singh
FP-MO-7028/ 14:00 - 15:30/ Calzado I & II

Service Delivery and Education: Success Stories and Challenges

Chair(s): Serge Resnikoff, Barnaby Reeves, Suzanne Gilbert

14 years of VISION 2020: Achievements in Guyana
Juan Pablo Olivares, Covadonga Bascan, Juan Silva

Salient features of National Trachoma Program in Nepal
Sailesh Mishra, Tirtha Mishra

Expanding eye care services to meet global need: an impact study of the capacity building model supported by the Global Sight Initiative
Suzanne Gilbert, Kenneth Bassett, Katherine Judson

Delivery of Commpassionate Eye Care to Underprivileged
Radhika Krishnan, Sundaram Natarajan

A cost evaluation of laser photoagulation for diabetic retinopathy treatment in a lowincome setting
Assumpta Lucienne Bella, Emilienne Epee, Gaelle Helles, Godefroy Koki

Integrated Approach of DR Management
Abu Raihan

New Initiatives for Controlling Childhood Blindness in Bangladesh
AHM Enayet Hussain, Nahid Ferdausi

The Effectiveness of Community versus Hospital Eye Service follow up for patients with neovascular age-related macular degeneration with quiescent disease: a virtual randomised balanced incomplete block trial (ECHOES)
Barnaby Reeves, Usha Chakravarthy, Ruth Hogg, Chris Rogers, Lauren Scott, Jodi Taylor

The "SKA's" of Ophthalmic Surgical Instruction
Glenn Strauss

MSICS training challenges: Comparing the Phaco Surgeons and ECCE Surgeons learning curves
Glenn Strauss

Impact of Femtosecond Laser Cataract Surgery in a Cataract Surgical Training Curriculum.
José De La Cruz, Maria Cortina

FP-MO-7030/ 14:00 - 15:30/ Salón de Eventos 8

The Newest Developments in Ocular Oncology

Chair(s): Laurence Desjardins, Janet Davis, Sarah Coupland

Misdiagnosed and unsuspected ciliary body and choroidal melanoma after enucleation and evisceration: Review of cases in the Ottawa-Gatineau region from 1996-2012
Seymour Brownstein, Steven Gilberg, Solin Saleh

Relationship between Female Reproductive Factors and Choroidal Nevus in United States Women: An Analysis of Data from the 2005-2008 National Health and Nutrition Examination Survey (NHANES)
Mary Qiu, Carol Shields

Fine Needle Aspiration Biopsy in Uveal Melanoma: Technique, Complications and Outcomes
Nathalie Cassoux, Laurence Desjardins

Second Cancers in Uveal Melanoma Patients
Laurence Desjardins, Nathalie Cassoux

Genetic Profiling of Hepatic Metastases from Uveal Melanoma
Sarah Coupland, Bertil Damato, Helen Kalirai, Sarah Lake, Conni McCarthy

Retrospective Review of Diagnostic Vitrectomy for the Diagnosis of Intraocular Lymphoma Using Flow Cytometry, Cytology, and Gene Rearrangement
Janet Davis

Primary Uveal Lymphomas in Mexican Mestizo Patients.
Abelardo Rodriguez, Antonio Cáceres, Ivette Hernández, Jesús Jiménez-Arroyo, Claudia Recillas, Dolores Rios, Héctor Rodríguez

Ophthalmoscopic differentiation of Coats’ disease from Retinoblastoma
Jerry Shields, Carol Shields

The Predictive Value of TNM Classification, The International Classification, and ReeseEllsworth Staging of Retinoblastoma for the likelihood of High Risk Pathologic Features
Yacoub Yousef
Intravitreal Chemotherapy for Retinoblastoma Vitreous seeding Results following 360 Consecutive Injections. Carol Shields, Jerry Shields

FP-MO-7006/ 16:00 - 17:30/ Salón de Eventos 7

Cornea Imaging, Infections and Surgery
Chair(s): Juan Carlos Serna Namrata Sharma

No Bubble No Trouble: Long Term Results of Optical Dalk Ashish Kumar, Manoranjan Das

Changing trend from penetrating keratoplasty (PKP) to deep anterior lamellar keratoplasty (DALK) for stromal corneal diseases and clinical outcomes of DALK in a single Mexican institution Gerardo Villarreal, Humberto Cavazos, Alejandro Martinez, Jesús Mohamed Hamsho Karim Mohamed Jibran Mohamed, Jesús Ruiz

Outcomes of Femtosecond Laser Deep Anterior Lamellar Keratoplasty Marcela Espinosa, Sheraz Daya

Evaluation of a Low Cost Design Keratoprosthesis, in End Stage Corneal Disease Namrata Sharma, Tushar Agarwal, Ruchita Falera, Rasik Vajpayee

Deep Anterior Lamellar Keratoplasty for Treatment of Deep Herpetic Corneal Stromal Opacities Wei Chen

In Vivo Confocal microscopic evaluation of corneal endothelial dysfunction model induced by Phacoemulcification in rhesus monkey Min Wu

Single / Multilayer Amniotic Membrane Transplantation in the treatment of infectious and noninfectious Corneal Perforations Shreya Thatte

Corneal Microstructure Alterations in Herpetic Stromal Keratitis, Analyzed with HD Optical Coherent Tomography Raúl Alfaro, Julio Hernández, Alejandro Rodríguez

Herpes Simplex Virus Disease of the Anterior Segment in children Juan Carlos Serna, Enrique Graue-Hernández, Aida Jiménez, Alejandro Navas, Arturo Ramírez

The possibility of using of acellular human corneal matrix for lamellar keratoplasty. Experimental study Iliia Nasinnyk, Nikolai Leus, Nataliya Pasychnikova, Valeriy Vit

FP-MO-7010/ 16:00 - 17:30/ Salón de Eventos 8

Epidemiology for Public Health
Chair(s): Aida Jiménez, Tasanee Braithwaite, Michal Nowak

How should we evaluate the quality and risk of bias of population based surveys of vision impairment? Generating an evidence base to inform consensus guidelines using the STROBE indicators Tasanee Braithwaite, Rupert Bourne, Richard Wormald

Global Indicators Field Testing Project to Pilot Indicators in Latin America: Interim Results Kristen Eckett, Marissa Carter, Van Lansingh, Joan McLeod, Juan Silva

The Cost of Doing Rapid Assessment of Avoidable Blindness (RAA) Survey in Andhra Pradesh India Srinivasa Pallerla

Myopia a major cause by Refractive error among urban school children of Nepal Hukum Prasad Pokhrel

The prevalence and causes of Visual Impairment and Blindness among older adults in the city of Lodz, Poland Michal Nowak


A Bibliometric analysis of academic publication on Diabetic Retinopathy disease trends during 1980–2014: a global and medical view Cagatay Caglar, Emre Demir, Mustafa Durmus, Ferit Kucukler
IGOR®: Internet Group Ophthalmology Report. Social, medical and economical evaluation on a web medical application in Teleophthalmology
Giordano Fanton, Ona Garlaite, Norbert Klaus, Andrea Klaus

The Barcode Innovation and Significance in Ophthalmic Eye Health Systems
Akinwale Akinfe

Ophthalmology Solutions in the Tropics: Tenyear experience with the "mobile phone" as a valuable tool in a resource limited environment.
Olufunmilola Ogun

An innovative approach to bridge the training gap between clinical ophthalmology and public health for eye care
Daksha Patel, Astrid Leck, Sally Parsley

FP-MO-7016/ 16:00 - 17:30/ Mueble I & II
Genetic and Vascular Diseases of the Posterior Segment
Chair(s): Audina Berrocal, Ankur Singh, Helmut Sachs

Differentiating Features of Collaterals and Neovascularization of the Optic Disc On Angio OCT
Ankur Singh, Reema Bansal, Amod Gupta, Vishali Sara Gupta, Samendra Karkhur, Ramandeep Singh

En face Imaging of Type 1 Choroidal Neovascularization Using OCT angiography and Sweptsource OCT
Suifian Elfandi, Sotaro Ooto, Ayako Takahashi, Kenji Yamashiro, Nagahisa Yoshimura

Impact of tomographic and clinical features on visual outcome in nvAMD: an integrated multimodal imaging analysis
Giuseppe Casalino, Francesco Bandello, Usha Chakravarthy

OCT Angiography for detection of neovascularization of the optic disc.
Ankur Singh, Reema Bansal, Vishali Sara Gupta, Amod Gupta, Samendra Karkhur, Ramandeep Singh

Japan Whole Exome Project for Hereditary Retinal Diseases
Takeshi Iwata

The choroidal challenge in transchoroidal subretinal chip implantation to restore vision in blind RP patients
Helmut Sachs

Clinical and genetic description of pericentral retinitis pigmentosa
Rodrigo Matsui, Artur Cideciyan, Samuel Jacobson, Alejandro Román, Sharon Schwartz, Rebecca Sheplock, Alexander Sumaroka, Malgorzata Swider

Tectorigenin as an antiangiogenic compound in an oxygen induced retinopathy
Su Ah Kim, Kuidong Kang

Fundus Pigmentation as a risk factor for Development of Retinopathy of Prematurity
Audina Berrocal

Longterm results of intravitreal ranibizumab for the treatment of choroidal neovascularization associated with pathologic myopia
Andri Korol, Taras Kustryn, Volodymyr Naumenko, Oleg Zadorozhnyy

Outcome of angioid streak related choroidal neovascularization treated by intravitreal bevacizumab
Nazmun Nahar

FP-MO-7018/ 16:00 - 17:30/ Salón de Eventos 9
New Developments in Neuro Ophthalmology
Chair(s): Karl Golnik, Martin Gallegos, Ambika Selvakumar

Prevalence of permanent visual loss in biopsy negative Giant Cell Arteritis
Joséph Olakkengil, Tina Khanam

The effect of high dose steroid and normobaric oxygen therapy on recent on set nonarteritic anterior ischemic optic neuropathy; a randomized clinical trial
Mohammad Pakravan, Hamed Esfandiary, Nasrin Sanjari, Mehdi Yaseri

Erythropoietin as an Adjunctive Treatment for Methanol Induced Toxic Optic Neuropathy
Mohammad Pakravan, Hamed Esfandiary, Elham Ghahari, Nasrin Sanjari
Monday, February 8th, 2016

The Fluctuation of Serum Aquaporin4 Antibodies after Different Treatment in Seropositive Neuromyelitis Optica associated Optic Neuritis: A Shortterm Followup Study in 25 Patients
Quangang Xu, Shanshan Cao, Tingjun Chen, Hao Kang, Shi Hui Wei, Shuo Zhao, Huanfen Zhou

The Putative Acceleration of Optic Neuritis when Combined with Chronic Hepatitis B
Shi Hui Wei, Shuo Zhao, Ellen Shaoying Tan

Optic Nerve Regeneration After Traumatic Crush
Nataliya Moyseyenko

Catecholamine excite dumping syndrome and cholinergic induction as mechanisms of formation of amblyopia in primary school children who suffered from preperinatal encephalopathy
Sevinj Salmanova

Neurophysiological evidence for pathogenesis feature of meridional amblyopia in children with astigmatism
Igor Aznauryan, Erik Aznauryan, Victoria Balasanyan

Clinical features and treatment outcome of Paediatric Ocular Myasthenia Gravis (POMG) in an ophthalmic institution
Ambika Selvakumar

Study of Visual Pathway in Children with Strabismus through Tractography and Morphometry Based on Voxel (VBM)
Martín Gallegos Duarte, Germán González Pérez, Jorge Mendiola Santibáñez

The Eye from the Front to the Back
Chair(s): Samar Basak, Chandra Sahoo, Edward Wladis

Correlation of clinical outcome with genetics of RB1 gene in Indian retinoblastoma patients
Namrata Gaikwad, Aloysius Abraham, Bharanidharan Devarajan, Amit Khedekar, Usha Kim, Veerappan Muthukkaruppan, Shanthi Radhakrishnan, Anand Rajendran, Kim Ramasamy, Jatinder Singh, Kannan Thirumalairaj, Ayyasamy Vanniarajan

Effect of Upper Eye Lid Blepharoplasty on Contrast Sensitivity and Visual Field in patients with Descent of Juxta Brow Lateral Tissue in North East Indian eyelids
Diva Misra, Kasturi Bhattcharjee, Harsha Bhattcharjee

Leiomyosarcoma of the Conjunctiva
Anel Soto, Carlos Castillo, Maclovio Cordova

Matrix regenerative therapy in progressive corneal thinning: own experience
Ewa Mrukwa Kominek, Monika Sarnat Kucharczyk, Agnieszka Urgacz Lechowicz

Clinical utility of the inoffice biomarkers tear osmolarity and matrix metalloproteinase 9 in diagnosing and grading primary Sjögren syndrome dry eye
Karim Mohamed, Humberto Cavazos, Mario Alberto Garza, Jesús Mohamed Hamsho, Jibran Mohamed, Fernando Morales, Janett Riega, Gerardo Villarreal

Long term results of Deep Anterior Lamellar Keratoplasty Vs Penetrating Keratoplasty in Keratoconus: Contralateral Eye Study
Samar Basak

Analysing Outcome of Corneal Arcuate Incisions in Laser Refractive Cataract Surgery in Patients with Mild Moderate Corneal Astigmatism
Chitra Ramamurthy, Ramamurthy Dandapani

Metaanalysis to compare the safety and efficacy of manual small incision cataract surgery and phacoemulsification
Parikshit Gogate, Jyoti Jaggernath, Kavin Naidoo

Cataract surgery outcome in patients with Intravitreal Dexamethasone/ Ozurdex implant for Retinal Vein Occlusions review of efficacy and safety in clinical practice 1, 2 and 3 year results
Helena Cilliers, Andleeb Zafar, Lubna Razzaq

Fusional Vergence Dysfunction: A Cause of Headache in School Children
Chandra Sahoo

Visual and Subjective Outcomes After Diffractive Trifocal Intraocular Lens (IOL) Implantation for Cataract and Presbyopia Correction
Francisco Sánchez, Sandra Sanoja
8:30 – 14:00/ Guadalajara 6

Evento Especial Sociedad Mexicana de Oftalmología

Lo mejor de WOC2016

Miembros de la Sociedad reconocidos como expertos en las diferentes altas especialidades asistirán a las sesiones más relevantes del congreso mundial y expondrán en este evento los avances, novedades y controversias en módulos con ponencias resumen y mesa de discusión

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13:00/ Guadalajara 6

Mesa Redonda “Dr. Luis Sánchez Bulnes”

Jorge Valdéz García : Infecciones en oftalmología

Panelistas: Enrique Graue-Hernández, Jaime Torres, Juan Carlos Ochoa, Eduardo Alfonso
E-Posters
E-POSTERS

Posters will be available to view at the computers located at the back of the exhibition area during the following hours:

Saturday, February 6–Monday, February 8 8:30 – 18:00
Tuesday, February 9 8:30 – 13:00

Cataract and Lens Surgery

PO-411
¿Qué nos hace falta considerar en la implantación de lentes intraoculares tóricos?

Leónardo García

PO-417
Correlation of anterior corneal higher-order aberrations with age: a comprehensive investigation

Xin Tang

PO-545
Changes in OCT after posterior capsular opacification removal

Gulten Ay, Gokhan Kaya

PO-549
Comparison of the measurements obtained with low coherence optical biometer and contact ultrasound biometer

Gulten Ay, Gokhan Kaya

PO-591
Comparison of changes in the structure of colored hydrophobic acrylic intraocular lenses after a severe accelerated deterioration test

Kenji Kawai

PO-614
Hydrophilic lens opacification associated with glaucoma tube implant

Ahmed Abdelmaksoud, Andrew Walkden, Archana Bhargava, Mark Batterbury

PO-615
Postoperative endothelial cell loss

Renate Wiedemann, Anna Reuschel, Peter Wiedemann

PO-669
Correlación entre resultados de poder de lente intraocular con fórmulas de 4ta generación obtenidas con 3 métodos diferentes: IOL Master, IOL Station y ultrasonografìa más autorefractometro.

Ivo Ferreira, Eduardo Chávez
PO-670
Objective outcomes of AT LISA tri 839MP IOL in Institución Conde De Valenciana
Ivo Ferreira, Fátima Llantada, Eduardo Chávez

PO-759
Catarata en árbol de navidad
Andrés Urióstegui, Marisol Garzón, Pablo Guzmán, Adrián Escudero

PO-788
Patients’ visual experience during phacoemulsification cataract surgery and associated fear
Tanveer Chaudhry, Khabir Ahmad, Amash Aqil, Kanza Aziz, Ammar Javed

PO-810
Evaluation of a bi-toric, trifocal multifocal intraocular lens
Florian Kretz, Detlev Breyer, Matthias Gerl, Ralf Gerl, Hakan Kaymak, Matthias Mueller

PO-819
Predictability of intraocular lens power calculation after acute angle-closure glaucoma attack
Mohamed Ali, Akihito Igarashi, Kazutaka Kamiya, Hidenaga Kobashi, Kimiya Shimiz

PO-877
Brilliant BLUE G as an alternative to trypan blue for conducting continuous curvilinear capsulorhexis in cataract surgery
David Magaña, Efrain Romo

PO-878
Implante de lente intraocular trifocal después de la extracción de cristalino transparente con fines refractivos, resultados visuales y satisfacción del paciente
Fernando Rodríguez-Sixtos

PO-889
Use of Liquid Optics Interface 12 in femtosecond laser-assisted cataract surgery for patients with narrow palpebral fissures
Yien Lai

PO-911
Análisis comparativo de los resultados visuales y de satisfacción de dos plataformas de lentes intraoculares trifocales.
Daniela Pulido

PO-954
Clinical analysis of serious systemic complications occurred during or postoperative within 24 hours of phacoemulsification
Xingyu Li

PO-987
Síndrome de Weill Marchesani
Adrián Escudero
PO-1002
Evaluation of treatment outcomes for cystoid macular edema following cataract surgery
Arthi Venkat, Megan Rudolph, Veena Raiji, Lindsay Smithen, Sankaranarayana Mahesh

PO-1009
Catarata traumática: intervenciones y desenlace visual en población pediátrica de la Fundación Hospital Nuestra Señora De La Luz.
Eduardo Arellano, Jaime Lozano

PO-1068
Cirugía de catarata en Cuba 2010/2014
Reinaldo Ríos

PO-1138
Results of surgical treatment of traumatic cataracts
Aliaksandr Kryvun, Yuliya Razhko, Ihar Hlushniou

PO-1146
Add-On Torica-SPB implantation for complex postoperative ametropy correction.
Boris Laptev

PO-1150
One-year results after implantation of a bitoric trifocal lens
Hakan Kaymak, Detlev Breyer, Karsten Klabe, Florian Kretz

PO-1153
Comparison of different variants of blended vision with rotational asymmetric multifocal intraocular lenses (MIOI)
Hakan Kaymak, Detlev Breyer, Karsten Klabe, Florian Kretz

PO-1154
Analysis of anatomical changes in the posterior eye segment structures by spectral optical coherence tomography method in femtosecond laser–assisted cataract surgery
Alexander Zabolotniy, Anastasiya Bronskaya, Karine Misakyan

PO-1156
Examination of surgical stress and cytoskeletal changes in anterior lens capsule epithelial cells following manual and femtosecond laser assisted capsulorhexis
Zsolt Biro, Andrea Sükösd, Ábrahám Hajnalka, Beata Gaspar, Andrea Kerek

PO-1192
A Prospective Randomized Study Comparing an Accommodative and Two Multifocal IOLs: 3-year Follow-up
Robert Ang
PO-1206
Cataract surgery as an etiology of sympathetic ophthalmia
Mariana Flores, Pablo Guzmán, Laura Andrea Torrado, Fernando Solorio

PO-1230
Remote results of artificial iris + iol complex implantation
Oleg Fechin

PO-1273
Relationship of age related cataract and serum VITAMIN C level
Lavanya Rao, Krishna Rao, Sulatha Bhandary, Sameer Iqbal, Rajani Devi

PO-1363
Pérdida celular endotelial en cirugía de catarata con técnica de incisión pequeña (SICS) en el Instituto Mexicano De Oftalmología
Carlos Vásquez, Jaime Macías, Pamela González

PO-1371
Sutura de LIO de cámara posterior en esclera externa
José Aguilar

PO-1407
Phacoemulsification and IOL implantation in a patient with anterior lenticonus and spontaneous rupture of the anterior capsule.
Paulina Tolosa, Lourdes Fernández, Susana Peniche, Karime Pérez

PO-1411
Síndrome de iris flácido en pacientes bajo tratamiento con antagonistas alfa-1 adrenérgicos y sus complicaciones durante cirugía de catarata.
María Rubalcava, Jaime Lozano

PO-1421
Complicaciones asociadas a la colocación de lente intraocular fáquico
Pablo Urzua, Jesús Jiménez-Arroyo, Magdalena García, Mariana Escalante

PO-1430
Cálculo de lente intraocular en ojos con longitud axial mayor a 25.00 mm: SRK-T VS SRK-II
Cyntia Solis, Daniel Salas

PO-1499
Resultados visuales y refractivos posteriores a la implantación de cinco tipos de lentes intraoculares multifocales. Hospital Central Militar; México, segundo semestre del 2014.
Manuel García, Diego Murillo, Marco Cantero

PO-1503
Oclusión de la arteria central de la retina post facoemulsificación sin complicaciones
Diego Zamora, Eduardo Chávez, Marisol Garzón
PO-1523

Resultados visuales y endoteliales comparativos entre técnicas de mininúcleo y facoemulsificación. 2013
José Moreno

PO-1533

Tecnica de pre chop manual en catarata hipermadura, nuevos instrumentos
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The disparity in the severity, progression and intervention of retinopathy of prematurity (ROP) in premature identical twins
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Diabetic retinopathy prevalence among northern mexican adult population.
Jesús Lozano, Danilo Tueme, César Villarreal, Eduardo Valdéz

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Refractory subfoveal subretinal fluid in patients with neovascular age-related macular degeneration: is there protective effect on good visual acuity?
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Características epidemiológicas de los pacientes con degeneración macular relacionada a la edad variedad exudativa en un centro de referencia de la Ciudad De México
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Systemic oxygen therapy versus oral enalapril for treatment of diabetic macular ischemia: a randomized controlled trial
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Cambios microestructurales en la Tomografía de coherencia óptica de dominio espectral en el tratamiento de agujero macular y su relación con resultados funcionales
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Clinical characteristics of central serous chorioretinopathy occurring in elderly patients
Chiharu Iwahashi, Yuki Komuku, Shinsaku Yano, Chika Tanaka, Tomoya Nakagawa, Fumi Gomi

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Blue cone monochromatism
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Optical coherence tomography findings in patients with myopic maculopathy
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Outcome of vitreous surgery for complications of proliferative diabetic retinopathy in type I diabetes in subjects aged ≤ 30 years
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Effect of spectral domain optical coherence tomography image quality on macular thickness measurements and error rate
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Assessment of inner retinal function with photopic negative response (PHNR) and photopic B wave amplitude in patients with retinitis pigmentosa.
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Panfotocoagulacion retiniana (PFCR) con laser multipunto “Valon” vs laser monopunto (Oculight Gl Iridex) en el manejo de retinopatia diabetica proliferativa (RDP) en pacientes del Instituto Mexicano De Oftalmología I.A.P.
Gerardo Rivera, Renata García, Betsabé Urias, Verónica Romero

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Results of 10 years of retinopathy of prematurity examination
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Cases of photic maculopathy at dentists
Lukpan Orazbekov, Tursungul Botabekova

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The comparison of the long-term impact between silicone oil and heavy silicone oil on the rabbit retina
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Effect of recombinant erythropoietin on structural retina changes

Tatiana Pilkevich, Volodymir Naumenko, Nataliya Pasyechnikova

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Caso clínico: obstrucción de la arteria central de la retina secundaria a papiledema por sospecha de infiltración a sistema nervioso central

Teresa Díaz, Renata García

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Marcadores en las alteraciones de la interfase vitreomacular.

Jesús González, Ezequiel Treviño, Jaime Dávila, Manuel De Alba, Josué Lozano, Juan José Toledo, Valeria Zapata, Hugo Treviño, Carlos Azuara, Jesús Mohamed Hamsho

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Fractional vitrectomy instead of anterior chamber paracentesis in scleral buckling

Alireza Ramezani, Shahram Banaie, Morteza Entezari

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Experiencia con la aplicación de antiangiogénicos en patología retiniana en el periodo de enero 2012 a junio de 2013, en el Instituto Mexicano De Oftalmología I.A.P.

Carlos Vásquez, Verónica Romero, Renata García

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Genetic association of polymorphisms in the P53 and LTA genes with proliferative vitreoretinopathy after retinal detachment surgery in mexican population.

Natalia Quiroz, Salvador López, José Luis Rodríguez, Juan Zenteno

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Evolución y resultados del switch terapéutico entre bevacizumab y aflibercept en pacientes con degeneración macular relacionada a la edad (DMRE)

Paula Serraino, Arturo Alezzandrini, María Agustina Tammaro

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The distances between optic disc and retinal vessels during the formation of idiopathic macular hole

Masahiro Ishida, Yoshikazu Ichikawa, Yutaka Imamura, Rieko Kato
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Eficacia de bevacizumab intravitreo en pacientes con diagnóstico de degeneración macular relacionada con la edad de tipo húmeda que acuden a la consulta de retina del Instituto Mexicano De Oftalmología I.A.P.

Kristo Aronne, Renata García, Betsabé Urias, Verónica Romero, Miguel Vázquez

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Transcorneal electrical stimulation in a case of retinitis pigmentosa

Maria Pefkianaki, Julia Haller, Larry Donoso, Ann Murchison, Robert Sergott, Jasleen Jolly, Carrie Hanson, Jay Federman

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Comparision of macular pigment optical density in patients with dry and wet age-related macular degeneration

Nilufer Kocak, Ayhan Ozyurt, Pinar Akan, Ozlem Gursoy Calan, Mahmut Kaya, Taylan Ozturk

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The effect of intravitreal injection of triamcinolone vs bevacizumab vs sham treatment during phacoemulsification on diabetic macular edema

Siamak Moradian, Masoud Salehipour, Mohammad Mohammadzadeh, Kiumars Heidari Garfami, Hamid Ahmadieh, Masoud Soheilian, Mohammad Hossein Dehghan, Mohsen Azarmina

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Evaluation and comparision of anatomical and functional implications of three versus five millimetres diameter internal limiting membrane peeling in surgery for idiopathic macular hole repair

Aditya Modi

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Masoud Soheilian, Saeed Karimi, Siamak Moradian

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Luxación de cristalino a cámara anterior y retinopatía por descompresión ocular en paciente de 5 años con diagnóstico de síndrome de Weill Marchesani.

Daniel Ontiveros, Diana Arévalo, Enrique Roig, Marylin Padilla

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Spectral domain optical coherence tomography based retinal layers segmentation and analysis post internal limiting membrane peeling for idiopathic macular hole surgery

Aditya Modi

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OM-201 halts the occurrence of cellular senescence of retinal pigment epithelial cells, a possible new agent to arrest progression of early dry AMD
Ayala Pollack, Zeev Dvashi

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Clinical outcomes of aflibercept in wet age-related macular degeneration
Alisha Damani, Tarunan Loganathan, Assad Khan, Dan Nguyen, Venkat Kotamarthi

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Macular thickness asymmetry in diabetic retinopathy
Ayse Gul Kocak Altintas, Bayram Gulpamuk, Kemal Tekin, Veysel Cankurtaran

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Effects of vitreomacular adhesion on anti-vascular endothelial growth factor treatment for age-related macular degeneration
Naoki Matsuoka, Takeo Fukuchi, Hiruma Hasebe

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Next-generation sequencing of ABCA4: high frequency of complex alleles and novel mutations in patients with retinal dystrophies from central europe
Anna Ambroziak, Aneta Ścieżyńska, Magdalena Korwin, Kamil Szulborski, Rafał Płoski, Maciej Krawczyński, Piotr Stawiński, Dominika Ozięcioł, Jerzy Szaflik, Jacek Szaflik, Monika Oldak

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Intravitreal aflibercept for choroidal neovascularization associated with with angiod streaks: pilot study
Taras Kustryn, Illia Nasinnyk, Andrii Korol

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Prospective phase I safety and tolerability evaluation of a novel minimally-invasive episcleral brachytherapy device for the treatment of exudative age-related macular degeneration (EAMD): 24 month results
Kam Balaggan, Reid Schindler, Leonard Joffe, Baldassarre Stea, Mary Drew, Laurence Marsteller

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Treatment of the retinal arterial macroaneurysm by ranibizumab and laser coagulation: a case report
Illia Nasinnyk, Andrii Korol

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A retrospective review of scleral buckling procedures performed at a tertiary care center in Karachi, Pakistan
Farzeen Hashmi, Azam Ali, Khabir Ahmad

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Comparative trial of triamcinolone acetonide treatment of serous pigment epithelial detachments associated with age-related macular degeneration (follow-up 3 year)
Taras Kustryn, Alla Nevska, Andrii Korol
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Retinal NFL thickness changes after intravitreal bevacizumab with and without anterior chamber paracentesis
Talie Montahai, Mojtaba Valizadeh, Alireza Ramezani, Roham Soheilian, Masoud Soheilian

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Lower choroidal thickness values in patients with Stargardt’s disease: clinical significance
Gungor Sobaci, Esra Vural, Ugur Acar, Koray Sevinc, Seckin Aykas, Mesut Erdurmus

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Management of Coats’ disease with 577 Nm laser ablation therapy
Hatice Kanar, Aysu Arsan

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The impact of fenofibrate on the ocular blood flow in patients with dry form of age-related macular degeneration
Tatiana Kiseleva, Vladimir Neroev, Ekaterina Eremeeva, Kamilla Ramazanova, Marina Ryabina

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Reduction of central choroidal thickness after intravitreal bevacizumab for DME and its correlation with central macular thickness
Ramin Nourinia, Hamid Ahmadieh

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Comparative efficacy of anti-VEGF in the treatment of wet age-related macular degeneration
Andrii Korol, Taras Kustryn, Sergiy Shamba, Oleg Zadorozhnyy

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Vitrectomía en edema macular diabético resistente a tratamiento convencional
José Ezequiel Díaz, Sergio Rojas, Juan Abel Ramirez, Arthur Levine, Benito Celis, Adriana Saucedo, Carla Montañó, Ángeles Hernández, Itzel Espinosa, Araceli Rojas

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Neovascularization at the disc secondary to melanocytoma of the optic disc
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Characteristics of fundus autofluorescence in active polypoidal choroidal vasculopathy
Jale Mentes, Zafer Öztas, Serhad Nalçacı, Mine Barış

PO-1942
Tomographic analysis of subretinal fluid in the course of double patching prior to retinal detachment surgery
Stefan Mennel, Kleanthis Manousaridis, Silvia Reichart
PO-1954

A clinical study of 100 cases of diabetic maculopathy - incidence, prediction, diagnosis and management

Narayanan Balakrishnan, Arvind Babu, Allen Raveendran, Mohamed Anjum Iqbal, Sindhu Parkavi

PO-1958

Athermal versus thermal scleral buckling for phakic rhegmatogenous retinal detachment

Alireza Ramezani, Parisa Ashtar-Nakhaie, Arman Molazadeh, Morteza Entezari

PO-1961

Rhegmatogenous retinal detachment in children

Sibel Kadayifcilar, Afsun Sahin, Mehmet Eldem

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Utilidad de la inyección de SF6 intra-vitreo en la predicción de la respuesta al tratamiento con ocripalsmina en pacientes con síndrome de tracción vitreo-macular idiopático.

Sebastián Laza, María Elena Vergara, Natalia Montes, Silvana De León, Daniela Quintana, Juan Gambini

PO-2004

Enfermedad de Eales en un paciente latinoamericano. Presentación de un caso clínico y análisis de la literatura.

Guillermo Mendoza, Diana Arévalo, Marylin Padilla, Miriam Becerra, Enrique Roig

PO-2006

Repeatability and limits of agreement for retinal and choroid thickness measures in patients with neovascular AMD; distance of choroid study: Docs.

Kam Balaggan, Tomas Ilginis, Daren Hanumunthadu, Marie Restori, Mary Drew, Laurence Marsteller

PO-2011

The measurement of plasma calprotectin at different stages of diabetic retinopathy in patients with type 2 diabetes mellitus

Zhifeng Wu

PO-2013

Hallazgos en OCT de un paciente con quemadura solar retiniana.

Manuel Zepeda, Magda Peña, Ana González, Laura Ray Saucedo, Emma Teresa Villaseñor, Miriam Becerra

PO-2039

Epidemiología del desprendimiento regmatógeno de retina en un centro de referencia oftalmológica en la Ciudad De México.

Irving Carral, Carlos Carral, Victoria González, Marco Antonio Torres, Daniel Ochoa

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Resolution of vitreomacular traction syndrome following intravitreal bevacizumab injection

Carlos Sjöholm
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Retinoblastoma, casos atípicos
Lorena Ramírez, Arturo Enriquez, Patricia Garza, Jessica Salazar

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Non-perfusion area and absolute scotoma in branch retinal vein occlusion
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Hamartoma combinado de retina y epitelio pigmentado: antes y después
Vidal Soberón, María Martínez

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Disminución del Engrosamiento Foveal en Pacientes con Edema Macular Diabetico Tratados con Lucentis.
José Rosales Meneses

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Efficacy of dexamethasone versus bevacizumab on regression of hard exudates in diabetic maculopathy – 24 month bevordex trial results
Hemal Mehta, Samantha Fraser-Bell, Aaron Yeung, Anna Campain, Lyndell Lim, Pearse Keane

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Retinopatía hipertensiva bilateral en paciente de 14 años, presentación de un caso.
Nasim Miguel

PO-2133
Hallazgos en tomografía de coherencia óptica de dominio espectral (TCO-SD) en pacientes con degeneración macular relacionada a la edad (DMRE) previos al desarrollo de membrana neovascular coroidea (MNV) o atrofia geográfica (AG)
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PO-2144
Efecto de la terapia antimineralocorticoide con espironolactona vía oral en post operado de retinopexia con cerclaje escleral con líquido subfoveal residual crónico: reporte de caso.
Jorge García, Gabriel Ochoa, José Arroyo, Luis Iniesta, Sara Lichi Ruíz, Fátima Romero

PO-2157
Comparación del efecto de agujas de 27g vs 30g en el reflujo vítreo y el dolor, en la aplicación de inyecciones intravitreas de bevacizumab
Ana Aveiro, Ingrid Castro, Sara Pozzi, Adriana Caballero

PO-2178
Enfermedad de Coats bilateral: reporte de un caso
Enrique Zaldivar, Patricio Rodriguez, Juan Páez
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Risk factors for metamorphopsia in patients with central serous chorioretinopathy using M-Charts
Hakyoung Kim, So Hyun Bae

PO-2226
10-year follow up of bilateral choroidal osteoma in two siblings: clinical findings and anti-VEGF therapy for choroidal neovascularization.
Brenda Juarez, Linda Cernichiaro, Juan Manuel Jiménez

PO-2251
Choroidal metastasis of erlotinib-failed non-small cell lung cancer that responded to intravitreal bevacizumab
Victoria González, Mariana Mayorquín, Eduardo Moragrega, José Luis Guerrero, Virgilio Morales

PO-2258
Mutación P.Tyr284Cys en el gen Best 1 como causa de enfermedad de Best (Distrofia viteliforme macular)
Moisés Nuño, Sofia López, Oscar Chacón, Vanessa Villegas, Beatriz Buentello, Juan Zenteno

PO-2268
Influence of vitreomacular interface on anti-VEGF therapy in wet-AMD patients
Liga Radecka, Eriks Elksnis, Guna Laganovska

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Pre-retinal inflammatory precipitates (PIP) in three cases of acute retinal necrosis caused by herpes zoster virus
Mya Ohn

PO-2275
Anatomic prognostic factors for visual outcomes following pars plana vitrectomy
Kelly Montes, Francisco Rodríguez

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Kouhei Hashizume, Yasunori Nishida, Mana Nagasawa, Daijiro Kurosaka

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Feng Hu

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Fátima González, Yasha Bobadilla, Miguel Pedroza
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Ksawery Czubkowski, Monika Lazicka, Tomasz Galecki, Jerzy Szaflik, Jacek Szaflik

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Talía Nieto, Elizabeth Martínez, Patricia Navarro

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Salim Ben Yahia, Nesrine Abroug, Rim Kahloun, Imen Ksiaa-Khairallah, Riadh Messaoud, Sonia Zaouali

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Milton Maldonado, Stephanie Voorduin, María Teresa Valdés, María Escalante

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Javier García Bella

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Moncef Khairallah, Sana Khochtali, Nesrine Abroug, Sourour Zina, Riadh Messaoud, Sonia Zaouali

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Clinical and immunological profile of patients with ocular toxoplasmosis in an eye care center of Yaounde - Cameroon

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Mycophenolate Mofetil (MMF) treatment and management in uveitis patients.

Ksawery Czubkowski, Monika Lazicka, Jerzy Szaflik, Jacek Szaflik

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Akira Meguro, Mami Ishihara, Takahiro Yamane, Nobuhsia Mizuki
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Correlación de autofluorescencia de fondo de ojo con tomografía de coherencia óptica de dominio espectral en pacientes con edema macular secundario a uveísis.
Ana Ortiz, Rashel Cheja, Luz Elena Concha, Lourdes Arellanes

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Mostafa Elgohary, Ying Lucia Dong, Buthaina Al Adba, Asim Ali, Nasrin Tehrani, Kamiar Mireskandari

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Olegario Castro, Miguel Pedroza

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Martha Cinthia Fuentes, Tonatiuh Barrientos, Maria De Lourdes López, Gabriela Ortega

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Kelly Montes, Francisco Rodriguez, Ricardo Infante

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Visual Sciences

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Comparing the ultrastructure of regenerated, non-regenerated and degenerated retinal explants in vitro in Sprague-Dawley rats by electron microscopy
Simeon Dabov, Solon Thanos

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Use of phosphenes in ophthalmology
Harry Mark

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Density and spatial organization of photoreceptor cells in diabetic retinopathy measured with multiphoton microscopy
Nazario Bautista, Marcelino Aviles, Juan M Bueno, Blanca Estela Jaramillo, Francisco Javier Valiente, Pablo Artal

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Next-generation sequencing extends the phenotypic spectrum for LCA5 Mutations: Novel LCA5 mutations in cone dystrophy
Xue Chen
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Determination of the association of sociodemographic and environmental factors in children with refractive errors of the metropolitan area of Bucaramanga

Virgilio Galvis, Alejandro Tello, José López, Paul Camacho, Carlos Rangel, Angélica Prada

World Forum for Sight

PO-2816

3D computational model of mechanics of human ocular accommodation

Annamarie Hipsley

PO-2826

Unidad de atención primaria como modelo de atención de salud visual

Héctor Sepúlveda
E-videos
The E-Videos will also be available to view at random at the computer kiosks along with the e-posters during the following hours, Salón Jalisco D-E:

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<td>Parálisis bilateral de los movimientos horizontales: síndrome de Koolen-De Vries</td>
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Emma Teresa Villaseñor, Miriam Becerra, Luis Javier Cárdenas, Manuel Páez

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Ritika Sachdev, Gitansha Sachdev

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Tira única de fascia autógena para suspensión al frontal en blefaroptosis
Yerena Muiños-Díaz, Antonio Augusto, Alicia Galindo-Ferreiro, Patricia Santello

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Salvador López-Rubio, Víctor Fernando Moreno, Miguel Ángel Quiroz

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Incidental Subfoveal Perfluorocarbon Heavy Liquids after Vitrectomy for Giant Retinal Tear

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Intraorbital Foreign Body
Jazmin Ariadna Salas

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Emulsified Silicone Oil Inducing Glaucoma After Vitreoretinal Surgery Solved With Simultaneous Vitrectomy And Glaucoma Drainage Device
Gerardo Ledesma-Gil, Enrique Ariza, Jesús Arrieta, Federico Graue, Jasbeth Ledesma-Gil

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José Pérez
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Joannah Vaughan, Amy McDermott, Leah Reznick, Allison Summers

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Retroimplante de músculo oblicuo inferior con gancho de Wright
Luis Javier Cárdenas, Vanessa Bosch, Emma Teresa, Villasenor Fierro

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Linnette Arzeno, Miguel López

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Karime Pérez, Lourdes Fernández, Susana Peniche-Moreno

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Guillermo Enríquez, Azucena Mendoza, Guadalupe Tejeda

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Ahmed Fouad Dekinish

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Daniela Barba Castelo, María García, Jesús Jiménez-Román, Mauricio Turati

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Rafael Paz-Franco, Guillermo De Wit, Ana García-Albisua

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Facofemtosegundos en glaucoma de ángulo cerrado
Jesús Jiménez-Arroyo, Rafael Castañeda Diez, Magdalena García-Huerta
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Renata García, Kristo Aronne, Paulina Ramírez-Neria, Gerardo Rivera, Verónica Romero, Miguel Vázquez

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Ninel Gregori, Janet Davis, Justin Townsend

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Lacrimal Surgery Made Easy
Shreya Shah, Prema Shah, Mehul Shah

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Management of Intracameral Huge Metallic Foreign Body
Hamidreza Hasani

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Hemangioma capilar retiniano, manifestación inicial de síndrome de Von Hippel Lindau
Leticia Pacheco, Elizabeth Calderón

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Francisco Olguín

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David Ancona-Lezama, Erick Encampira

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Diana Árevalo-Simental, Saúl Cortés, Enrique Roig-Melo

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Juan Curiel, Luis Aguilar-Lozano, María Costa, Valeria Sánchez-Huerta, Alfredo Terán
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Surgical and Cross-Linking Management of Infectious Keratitis after Lamellar Traumatic Wound
María Costa, Juan Curiel, Gabriela Navarrete-Horta, Josué Rodríguez, Valeria Sánchez-Huerta, Alfredo Terán

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Manejo de la pseudocámara anterior persistente en queratoplastía lamelar anterior profunda (DALK)
Carla Vitelli Miss

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DALK Periphery: Increasing the Chance of Big Bubble Formation with Modified Air Injection Technique
Enrique Escurra Meza, Bernardo Cavalcanti, Lucio Maranhão

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Luxación de cristalino con desprendimiento de retina bilateral. Presentación de un caso
Rafael Romero Vera

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Síndrome del niño sacudido (Shaken Baby Syndrome) presentación de caso clínico
Kristo Aronne, Renata García, Gerardo Rivera Arroyo, Verónica Romero, Betsabé Urias, Miguel Vázquez

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Dealing with the Unexpected, Management of Congénital Cataract with Phacoemulsification in a Patient with Persistent Hyaloid Artery
Karla Van Dick-Sánchez, Pablo Guzmán-Salas, Humberto Matiz-Moreno

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Suspensión al frontal con fascia de cadáver vs colgajo de músculo frontal para corrección de ptosis
Marisol Iñiguez, Luis Javier Cárdenas, Gerardo Graue, Juan Carlos Juárez, Verónica Martínez, Lourdes Rodríguez-Cabrera, Ana Raquel Ruiz, José Tovilla, Emma Teresa Villaseñor

15:48
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Manejo de re DRR bajo silicón
Geovanni Ríos, Blanca Galicia
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Capsulotomía con femtosegundos en paciente pseudofaco
Claudia Corredor, Cecilio Velasco-Barona

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Cirugía virtual vs. cirugía real facoemulsificación +LIO
Alvarado Barrera, Rocío Zamora

16:06
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Maculopatía descompresiva secundaria a facoaspiración en un paciente con síndrome de Weill Marchesani con cristalino luxado.
Marylin Padilla, Sonia Cisneros, Guillermo Mendoza-Adam, Enrique Roig-Melo

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Management of olocoma and Subluxated Cataract by Phacoemulsification with Pupilloplasty
Altan Özcan

16:18
VI-2697

DMEK Made Easier with an Injector
Michael Banitt, Andrés Bernal, Anne Ko

16:24
VI-2700

Drenaje escleral de desprendimiento coroideo hemorrágico
Carmen Soria-Orozco, Sonia Cisneros, Saúl Cortés, Enrique Roig-Melo

16:30
VI-2729

BIONIKO Eye Bank Task Trainers and Simulators
Andrés Bernal

16:36
VI-2739

Surgical Pearls for Pneumodissection in Tissue Harvesting for Pre-Descemet’s Endothelial Keratoplasty
Karolien Termote, Simon Holland

16:42
VI-2760

The Sticky Silicone Oil!
Mostafa Elgohary

16:48
VI-2765

Queratoscopía Dinámica en Lámpara de Hendidura
Roberto Rodríguez
16:54
VI-2784
Carcinoma Epidermoide y Bevacizumab
Stephany Quintero, Claudia Martinez-Jardon

17:00
VI-2800
Glued Intraocular Lens Procedure in Subluxated Traumatic Cataract with Extensive Zonular Rupture
Mario Revelo, Patricia Osorio

17:06
VI-2838
Tags en Facoláser
Pablo Larco, Pablo Larco Echeverría

17:12
VI-2850
Subluxación de cristalino en paciente pediátrico, anillo de tensión capsular + LIO + haptica luxada fuera de la bolsa capsular
Alfredo Lizárraga Corona

17:18
VI-2851
Posterior Chamber Iris Claw IOL for All
Nivean Madhívánan, Manoj Khatri, Shandeep Kumar, Nishanth Madhívánan, Madhívánan Natarajan, Mohan Rajan, Paneer Selvam

17:24
VI-2912
ILM Peeling in a Case of Refractory Diabetic Macular Edema as a Last Resort
Nivean Madhívánan, Manoj Khatri, Shandeep Kumar, Nishanth Madhívánan, Madhívánan Natarajan, Mohan Rajan, Paneer Selvam
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<tr>
<th>COMPANY</th>
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<td>Future considerations in the management of Glaucoma</td>
<td>Robert Fechtner, Vital Costa, Fabian Lerner, Hannell Maldonado</td>
<td>05-Feb-16 12:00-14:00</td>
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<td>Heiderberg Engineering</td>
<td>Most advanced imaging platform for retina and glaucoma-SPECTRALS</td>
<td>Roberto Gallego, Lihteh Wu, Matrin Long</td>
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<td>Ocular Surface Diseases -A Perspective of Clinical Practice Between Present and Future</td>
<td>Christophe Baudouin, Concepción Santacruz, Peter Simmons, Maurizio Rolando, José Álvaro Pereira, Fernando Pellegrino</td>
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<td>Enrique Graue-Hernández, Virgilio Centurion, Ivan Ossma, Edgardo Carreno, Ronald Krueger</td>
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<td>Bringing OCT Angiography to your clinical practice Introducing ZEISS AngioPlex™</td>
<td>Jean-Francois Korobelink</td>
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<td>Curt Hartleben, David Crabb, Francisco Goni, Tony Hommer, Remo Susanna, Bob Weinreb, Ike Ahmed</td>
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<td>The latest innovation in retinal diagnosis (OCT Angiography, Microperimetry, and maybe FAF)</td>
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<td>Specialty Contact Lens Fitting employing Corneal Topography: Soft &amp; GP lenses, orthokeratology, hybrid and scleral</td>
<td>Randy Kojima</td>
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