

**THURSDAY, OCTOBER 1 \* POSTER SESSION I \* 5:30 - 6:30 PM**

**Ocular Oncology**

**Posters 101-110**

- 101 Metastasis of Iris, Ciliary Body, and Choroidal Melanoma in 8033 Patients  
Carol Shields
- 102 Focal Pseudoneoplastic Retinal Gliosis. A new clinical entity (?)  
Jerry Shields
- 103 Slow Growth of Choroidal Nevi: Long-term Follow-up of 278 Patients  
Arman Mashayekhi
- 104 Ranibizumab + TTT-ICG Based Photodynamic Therapy in the Treatment of Choroidal Melanoma  
Veronica Kon-Jara
- 105 Focal, Periocular Delivery of 2-Deoxy-D-Glucose Alone and as an Adjuvant to Chemotherapy for Treatment of Advanced Retinoblastoma  
Timothy Murray
- 106 Giant Choroidal Nevus: Clinical Features & Natural Course in 322 Cases  
Helen Li
- 107 Transpupillary Thermotherapy (TTT) for Circumscribed Choroidal Hemangioma (CCH): Clinical Profile and treatment outcome  
Tarun Sharma
- 108 Combined Bevacizumab plus Photodynamic Therapy with Veteporfin in a Circumscribed Choroidal Hemangioma: Case Report  
Jose Luis Diaz Rubio
- 109 Attenuation of Iodine-125 Radiation with Vitreous Substitutes in the Treatment of Uveal Melanoma  
Scott Oliver
- 110 Choroidal Melanoma Metastatic Prognostication: Beyond Monosomy 3  
Tara McCannel

**THURSDAY, OCTOBER 1 \* POSTER SESSION I \* 5:30 - 6:30 PM**

**Vitreoretinal Surgery I - Instrumentation/Macular Holes/Retinal Detachment**

**Posters 201-241**

- 201 Reduced Fluence Decreases Pain Caused by Panretinal Photocoagulation for Diabetic Retinopathy  
Gerardo Garcia-Aguirre
- 202 Matched Controlled Comparison of Hemorrhagic Complications of Clopidogrel Bisulfate (Plavix) and Warfarin (Coumadin) in 25-Gauge Vitrectomy  
John Mason
- 203 Comparison of proposed physical mechanisms of retinal re-attachment after scleral buckling surgery.  
William Foster
- 204 Working towards an Animal Model for a Suprachoroidal Electrode Array.  
Penelope Allen
- 205 Biocompatibility and Device Integrity of Nano- and Micro-fabricated Biopolymer Ocular Implants  
Paula Wynn
- 206 Performance and Reliability of Lasers Used for Retinal Photocoagulation: Thin Disk Laser Technology versus a Conventional Solid-State Laser  
Roger Novack
- 207 Artifacts in Automatic Retinal Segmentation Using Different Optical Coherence Tomography Instruments  
Giovanni Staurenghi
- 208 The Department of Energy Artificial Retina Project Overview  
Michael Javaheri
- 209 An Introduction to the NAVILAS: A Significant Technological Advance in the Management of Retinal Diseases  
Michael Ober
- 210 Accuracy and Reproducibility of Six Brands of Small Volume Syringes Used for Intraocular Drug Delivery  
Darrell Baskin
- 211 Functional Analysis of Different Clinical Grades of Retinal Coagulation Lesions in Human Using Microperimetry  
Alessandre Dare
- 212 Chronic Macular Hole Repair with the use of 25g Microincisional Vitrectomy Surgery  
Seenu Hariprasad
- 213 Surgical Outcomes of Full-thickness Macular Hole Repair in Patients with Idiopathic Juxtafoveal Telangiectasia.  
Ninel Gregori
- 214 Inverted ILM flap technique for stage III/ IV macular holes  
Jerzy Nawrocki

**THURSDAY, OCTOBER 1 \* POSTER SESSION I \* 5:30 - 6:30 PM**  
**Vitreoretinal Surgery I - Instrumentation/Macular Holes/Retinal Detachment**  
**Posters 201-241**

- 215 Analysis of the Morphological Parameters of Full-Thickness Idiopathic Macular Hole  
Wu Liu
- 216 Predicting Visual Outcome in Stage IV Macular Hole Surgery  
Cesare Mariotti
- 217 Pneumatic retinopexy treatment of traumatic macular hole  
David Tom
- 218 Outcomes of Macular Hole Surgery With Extended Follow-Up  
Colin McCannel
- 219 Closure of Reopened Macular Holes with Topical Anti-Inflammatory Agents  
Steven Bennett
- 220 Interfacial Forces (Surface Tension) as a Requisite Mechanism of Closure for Macular Holes  
Vincent Reppucci
- 221 Preservative-free Triamcinolone Acetonide in Idiopathic Macular Hole Surgery  
Arturo Santos
- 222 Prevalence of familial trends in a population with macular holes  
Christine Nichols Kay
- 223 Anatomic and Functional Outcome after 23-gauge Vitrectomy, Peeling and Intravitreal Triamcinolone for Idiopathic Macular Epiretinal Membranes  
Thomas Wolfensberger
- 224 Epiretinal Membrane Surgery Outcome: New perspectives with OCT  
Nauman Chaudhry
- 225 Retinal detachment repair by 25G Pars Plana Vitrectomy for 300 cases  
Brian Horsman
- 226 Results of 26 primary rhegmatogenous retinal detachment cases using transconjunctival sutureless 23g vitrectomy  
Gerhard Kieselbach
- 227 The occurrence and treatment of diplopia after scleral buckling surgery for rhegmatogenous retinal detachment (RRD)  
Ellen La Heij
- 228 Scleral Buckle Surgery for the Treatment of Retinal Detachment with Subretinal Fibrosis  
Perkilis Brazitikos
- 229 Pneumatic Retinopexy (PR) + Trans-conjunctival Drainage (D) for the repair of Rhegmatogenous Retinal Detachment (PR+D trans-conjunctival).  
Saf Bassili
- 230 Results of 25-Gauge Pars Plana Vitrectomy for the Repair of Rhegmatogenous Retinal Detachment with Variable Tamponade  
Dov Weinberger
- 231 Anti-retinal Pigment Epithelium Antibodies in Polymorphous Vitelliform Maculopathy  
Mark Johnson
- 232 Retinal detachment after Crystalens® implantation  
Geoffrey Emerson
- 233 Primary Repair of Rhegmatogenous Retinal Detachment- A Comparison of 23 Gauge Vitrectomy, 20 Gauge Vitrectomy and 20 Gauge Vitrectomy-Scleral Buckle  
Jeffrey Gross
- 234 Outcomes and Complications of Hydrogel Scleral Explants (MIRAgel) Removal  
Ching Chen
- 235 Surgical outcome for foveal detachment and retinoschisis without optic disc pit or high myopia  
Makoto Inoue
- 236 Retrospective Evaluation of Retinal Detachment Surgery with 23g Vitrectomy  
Martina T. Kralinger
- 237 LASER Demarcation Photocoagulation for Rhegmatogenous Retinal Detachments  
Petros Carvounis
- 238 Early Postoperative Visual Acuity As A Predictor of Final Vision After Primary Vitrectomy and Gas Tamponade for Macula-off Retinal Detachment  
Jacob Yunker
- 239 A new silicone oil "Siluron 2000" as a long term tamponade for complicated retinal detachment  
Murat Oncel
- 240 Prevention of Photoreceptor Cell Loss in Retinal Detachment by Necroptosis Inhibitor Nec-1  
Demetrios Vavvas
- 241 Tractional Retinal Detachment Following Intravitreal Pharmacotherapy for Central Retinal Vein Occlusion  
William Schiff

**THURSDAY, OCTOBER 1 \* POSTER SESSION I \* 5:30 - 6:30 PM**

**Diabetic Retinopathy**

**Posters 301-331**

- 301 High microaneurysm formation rate predicts progression to clinical significant macular edema in type-2 diabetic patients  
Jose Cunha-Vaz
- 302 The Risk of Endophthalmitis Following Intravitreal Injection in the DRCR.net Laser-Ranibizumab-Triamcinolone Clinical Trials  
Abdhisht Bhavsar
- 303 Retro-Mode Scanning Laser Ophthalmoscopy Improves Diagnosis and Follow-up of Diabetic Macular Edema  
Stela Vujosevic
- 304 A Retrospective Comparison of Macugen and Avastin in Proliferative Diabetic Retinopathy with Vitreous Hemorrhage  
Richard Culbert
- 305 Macular volumetric analysis on OCT following an injection of intravitreal dexamethasone+avastin vs IVTA in diabetic macular edema  
S. Natarajan
- 306 Lucentis In the Treatment of Macular Edema (LIME): A Phase 2 Randomized Study to Evaluate the Efficacy of Ranibizumab Versus Focal Laser Treatment  
Roy Goodart
- 307 A Proposed Method of Logarithmic Transformation of Ocular Coherence Tomography Data for use in Clinical Research  
Scott Friedman
- 308 Postoperative Vitreous Hemorrhage in the Era of Preoperative Avastin for Diabetic Vitrectomy. Implications on Anatomical and Functional outcomes.  
Jamin Brown
- 309 Diabetic Retinopathy and Risk of Arterial Thromboembolic Events and Cardiovascular Mortality: A Systematic Review and Meta-Analysis  
Tien Wong
- 310 Predictive Factors for the Visual Outcome of Patients with Diabetic Macular Edema after Anti-VEGF Therapy  
Sebastian Wolf
- 311 PAttern SCAnning Laser (PASCAL) Photocoagulation Treatment for Proliferative Diabetic Retinopathy  
Emmanouil Mavrikakis
- 312 Pain Assessment during Panphotocoagulation with Reduced Exposure Times  
Vinicius Nascimento
- 313 Comparison of Autorefraction, Pinhole Testing and Clinical Trial Protocol Refraction Effects on Electronic-ETDRS Visual Acuity in Diabetic Subjects  
Jennifer Sun
- 314 Risk Factor Analysis for Visual Acuity and OCT Outcomes Following Vitrectomy for DME in DRCR Network  
Christina Flaxel
- 315 Diabetic Macular Edema: Natural History vs Vitrectomy. Results of VIDE Study, a Two Year Prospective Clinical Trial  
Giacomo Panozzo
- 316 Time-Course of Regression of Proliferative Diabetic Retinopathy(PDR) after Intravitreal Injection of Ranibizumab  
Leonard Feiner
- 317 Angiographic Ischemic Index in Diabetic Retinopathy May Be Predictive of Neovascular Complications as Measured on Ultra Wide-Field Angiography.  
Gad Heilweil
- 318 Preoperative Bevacizumab (Avastin) for Diabetic Vitrectomy  
Uday Desai
- 319 Short Duration Pattern Scanning Laser (PASCAL) Macular Photocoagulation for Diabetic Macular Edema  
ATul Jain
- 320 Axial length and posterior vitreous detachment as predictive factors for surgical outcomes of diabetic vitrectomy  
Sung Soo Kim
- 321 Ocular Safety of Intravitreal Infliximab Injection in Rabbit Model  
Dante Pieramici
- 322 Pegaptanib Sodium (Macugen®) in the Treatment of Diabetic Macular Edema (DME): A Case Series from Two Clinical Practices  
John Wells
- 323 Effect of Ranibizumab on the Ease of Procedure and Complication Rate of Vitrectomy for Diabetic Retinopathy  
Gregory Fox
- 324 Beyond VEGF: Angiopoietin 2 plays an Important Role in Alteration of the Blood-Retinal Barrier in Diabetic Retinopathy  
Arup Das
- 325 Bevacizumab in the Treatment of Proliferative Diabetic Retinopathy  
Arnaldo Bordon

**THURSDAY, OCTOBER 1 \* POSTER SESSION I \* 5:30 - 6:30 PM**

**Diabetic Retinopathy**

**Posters 301-331**

- 326 Vitreous Levels of Apelin, a Novel Angiogenic Cytokine, are Increased in Proliferative Diabetic Retinopathy  
Franco Recchia
- 327 Analysis of Annual Follow-up with Consecutive Imaging Sessions using a Telemedicine Diabetic Retinopathy Assessment System in the Primary Care Setting  
Ingrid Zimmer-Galler
- 328 Automated, Computer Detection of Diabetic Retinopathy: A Comparison of Two Maximally Sensitive and Specific Methods  
Michael Abramoff
- 329 Progression of Retinopathy after Cataract Surgery in Patients with Diabetes  
Susan Bressler
- 330 The Effect of a Brief Office-based Intervention on Diabetic Knowledge in Diabetic Patients  
Jeremy Wolfe
- 331 The Effects of Intravitreal Bevacizumab, Intravitreal Triamcinolone and Grid Laser Photocoagulation in Diabetic Macular Edema  
Umit Inan

**THURSDAY, OCTOBER 1 \* POSTER SESSION I \* 5:30 - 6:30 PM**

**Vitreoretinal Surgery II - Complications/Surgical Techniques/Trauma**

**Posters 401-435**

- 401 Advances in Trans-Scleral Fixation with the Akreos Foldable Posterior Chamber Intraocular Lens  
Daniel Adelberg
- 402 Cystoid Macular Edema following Uncomplicated Cataract Surgery  
Philip Polkinghorne
- 403 Management of the Middle Earth" in the MIVS era: where anterior segment meets posterior"  
Cesare Forlini
- 404 Wedge-Shaped Lightpipe Aperture for Pars Plana Vitrectomy  
Tommaso Rossi
- 405 Surgical Treatment of Central Serous Chorioretinopathy Complicated by Total Retinal Detachment  
Jerome Schartman
- 406 Patient Comfort with 30-Gauge Versus 32-Gauge Intravitreal Injection  
Ali Reza Gohari
- 407 Risk Factors Associated with Elevated Intraocular Pressure Following Twenty-three Gauge Pars Plana Vitrectomy  
Nader Moifar
- 408 Transconjunctival Drainage of Serous and Hemorrhagic Choroidal Detachment  
Flavio Rezende
- 409 Management of Persistent / Recurrent Vitreous Cavity Hemorrhage Post Vitrectomy by Neodymium:yttrium-aluminum-garnet (Nd:YAG) Laser Capsulotomy  
David Hauser
- 410 Comparison of Two Scleral Incision Techniques in 23-Gauge Transconjunctival Vitrectomy  
Ayse Gul Altintas
- 411 Next Generation 25 gauge Vitrectomy Technology for Microincision Vitrectomy Surgery (MIVS)  
Allen Ho
- 412 Air Tamponade May Reduce Potential Complications in 23-gauge Vitrectomy  
Rohit Lakhanpal
- 413 Microincision Vitrectomy in the Management of Complicated Retinal Detachments  
Maria Berrocal
- 414 Combined Scleral Buckling and Baerveldt Glaucoma Implant Surgery in Patients with Coexisting Retinal Detachment and Glaucoma  
Ronald Gentile
- 415 Vitrectomy for Proliferative Sickle Cell Retinopathy : Experience from Seven Patients.  
Ogugua Okonkwo
- 416 Bimanual Modified Transscleral 23-Gauge Vitrectomy for Complex Diabetic Tractional Retinal Detachment  
Cyrus Shroff
- 417 New Generation UltraHigh Speed 25-gauge Vitrectomy System versus standard 25-gauge one in the treatment of macular epiretinal membranes.  
Federica Genovesi-Ebert
- 418 Single Surgeon Experience with Enhanced 25 Gauge Vitrectomy Probe/Entry System  
Robert Avery
- 419 Long-term outcome of combined pars plana vitrectomy and scleral-fixated sutured posterior chamber lens implantation.  
Luis Suarez Tata
- 420 Vitrectomy and Internal Limiting Membrane Peeling for Vitreomacular Traction Syndrome With or Without Indocyanine Green Staining  
Andrew Barkmeier

**THURSDAY, OCTOBER 1 \* POSTER SESSION I \* 5:30 - 6:30 PM**

**Vitreoretinal Surgery II - Complications/Surgical Techniques/Trauma**

**Posters 401-435**

- 421 Viscodissection Assisted 25 Gauge Vitrectomy for the Surgical Management of Tractional Retinal Detachments in Proliferative Diabetic Retinopathy  
Jorge Fortun
- 422 Incidence of Retinal Breaks and Retinal Detachment after Macular Surgery: Retrospective Comparison between 25-Ga Limited and 20-Ga Complete Vitrectomy  
Francesco Boscia
- 423 Rate of Recurrent Vitreous Hemorrhage after 23-Gauge Diabetic Vitrectomy  
Asheesh Tewari
- 424 Terson's Syndrome: a case series review  
Ivan Castillo Salazar
- 425 Laser Photocoagulation for Ophthalmomyiasis Interna: A Review of Three Cases  
Benjamin Roberts
- 426 Treatment Options for Submacular Hemorrhage Associated with Choroidal Neovascular Membrane  
Richard Feist
- 427 Retrieval of dislocated intraocular lenses using a 2 disposable forceps technique  
Daniel Will
- 428 Transconjunctival Sutureless Vitrectomy on Anticoagulated Patients with Subconjunctival Anesthesia Yields Excellent Anatomical and Visual Results.  
Christopher Riemann
- 429 Prospective Study of Intraocular Pressure (IOP) and Complications after Sutureless Pars Plana Vitrectomy (PPV) Randomized to Air Versus Fluid Fill  
Lawrence Ho
- 430 Endocyclophotocoagulation (ECP) as an Adjuvant to Vitreo-Retinal Surgery in Cases with Concomitant Glaucoma  
Andrew Eller
- 431 Vitreoretinal Surgical Training in a Clean Wet Lab and the Casey Eye Institute Vitrectomy Indices Tool for Skills Assessment (CEIVITS)  
Andreas Lauer
- 432 Vitreous Concentrations of Systemically Administered Levofloxacin Associated with Delayed Intraocular Foreign Body Removal  
Eric Weichel
- 433 Late Intraocular Foreign Body Removal by Pars Plana Vitrectomy  
Mohamed Al Omran
- 434 Dislocated Crystalline Lenses Complicated by Phacolytic Glaucoma and Retinal Detachment  
Alice Lyon
- 435 A Prospective, Comparative Study between 25- and 23-gauge Sutureless Microincision vitrectomy Surgery in treating Various Vitreoretinal diseases  
Young Hee Yoon

**THURSDAY, OCTOBER 1 \* POSTER SESSION I \* 5:30 - 6:30 PM**

**Pharmacology/Practice Management/Risk Management/Socioeconomics**

**Posters 501-519**

- 501 Protein Biomarker Levels in Aqueous do not Consistently Correlate with Levels in Vitreous  
Bert Glaser
- 502 Photodynamic Therapy with Verteporfin for Avascular Serous Pigment Epithelial Detachment in Elderly Koreans  
Won Ki Lee
- 503 Protection of the Retinal Pigment Epithelium by Erythropoietin  
Gisbert Richard
- 504 Helicobacter pylori as a potential target for the treatment of central serous chorioretinopathy  
Antonio Casella
- 505 The effects of commercially available preservative-free FDA approved triamcinolone (Triesence®) on retinal cells in culture  
Leandro Zacharias
- 506 Non-Steroidal Anti-inflammatory drugs in Vitreoretinal Surgery  
Kourous Rezaei
- 507 Increased Dosing Frequency of Anti-VEGF Agents: a Mathematical Model  
Michael Stewart
- 508 Thermo-Responsive Hydrogel As A Sustained Drug Delivery System To The Posterior Segment  
William Mieler
- 509 Bromfenac (Xibrom) Versus Artificial Tears for Post-Intravitreal Injection Pain  
Martin Thomley
- 510 Affinity of Various Corticosteroids to the Trabecular Meshwork  
Karl Csaky
- 511 Controlled Sustained-Release of Biodegradable Intravitreal Methotrexate (MTX) Using Microparticle PLGA Polymer Technology  
John Huang
- 512 Intravitreal Inhibition of Choroidal Neovascularization in an Animal Model: A Comparison of Infliximab, Anakinra and LD22-4  
Jeffrey Olson

**THURSDAY, OCTOBER 1 \* POSTER SESSION I \* 5:30 - 6:30 PM**

**Pharmacology/Practice Management/Risk Management/Socioeconomics**

**Posters 501-519**

- 513 Combined Photodynamic Therapy and Intravitreal Ranibizumab as Primary Therapy for Myopic Choroidal Neovascularization  
Rodrigo Santos
- 514 The Effectiveness of Short Form Video in the Retina Waiting Room: The Insidermedicine TV Project  
Sanjay Sharma
- 515 Bacterial Contamination of the Vitreous Cavity Associated with Transconjunctival 25-Gauge Microincision Vitrectomy Surgery  
Yusuke Oshima
- 516 Operator-Related Errors During Intravitreal Injection  
Thomas Connor
- 517 Is prostate cancer survival influenced by visual status?  
Stephen Feman
- 518 Variability in Geriatric Depression Scale Scores Predicts Cognitive Decline in Age Related Macular Degeneration  
William Tasman
- 519 The Use of Best Visual Acuity Over Several Encounters as an Outcome Variable Biases Study Results  
David Weinberg

**THURSDAY, OCTOBER 1 \* POSTER SESSION I \* 5:30 - 6:30 PM**

**Retinal Vascular Disease**

**Posters 601-617**

- 601 Single Dose Photodynamic Therapy and Bevacizumab for the Treatment of Adult Coats' Disease  
Sergio Hernandez-Da Mota
- 602 The Standard Care Versus Corticosteroid for REtinal Vein Occlusion (SCORE) Study: Design and Baseline Characteristics  
Barbara Blodi
- 603 Elevated Vascular Endothelial Growth Factor Levels in Coats' Disease and a Response to Intravitreal Bevacizumab  
Yu-Guang He
- 604 Adjuvant intravitreal bevacizumab in the management of Eales' disease  
Paul Griggs
- 605 Efficacy and Safety of Ranibizumab (LUCENTIS®) for the Treatment of Choroidal Neovascularization Not Due to Age-Related Macular Degeneration  
Ivana Kim
- 606 24 Month Follow-Up of Intravitreal Avastin for Branch Retinal Vein Occlusion: Pan American Collaborative Retina Study Group Results  
Jose Roca
- 607 Intravitreal Triamcinolone Acetonide Following Initial Anti-VEGF Therapy to Maintain Results in Macular Edema with Retinal Venous Occlusions  
Mallika Goyal
- 608 Intravitreal Bevacizumab for Retinal Venous Occlusive Disease  
Justis Ehlers
- 609 Photodynamic Therapy (PDT) with Verteporfin for Corticosteroid Associated Chronic or Recurrent Central Serous Chorioretinopathy (CSC)  
Taegon Lee
- 610 Vitrectomy Increases Optic Nerve and Retinal Blood Perfusion  
Tongalp Tezel
- 611 Intraocular Pressure Changes Immediately Following Intravitreal Injections of Ranibizumab and Bevacizumab  
Judy Kim
- 612 Combination Therapy for Retinal Vein Occlusion  
Frank Koch
- 613 Short-term effects of intravitreal injection of bevacizumab on macular edema due to central retinal vein occlusion  
Atsushi Hayashi
- 614 Effect of Early Tissue Plasminogen Activator Versus Avastin on Central Macular Thickness and Visual Outcomes in Acute Retinal Vein Occlusions  
Zaaira Ahmad
- 615 Intravitreal Ranibizumab for Decreased Visual Acuity from Central Retinal Vein Occlusion: 24-Month Outcomes  
Louis Chang
- 616 Characteristics Related to Baseline Visual Acuity in Two Trials of an Intravitreal Dexamethasone Implant in Patients with Retinal Vein Occlusion (RVO)  
Scott Whitcup
- 617 Non-Contrast Retinal Angiography Using the Retinal Functional Analyzer (RFI): A New Non-Invasive Option for Characterization of Retina Vascular Diseases  
Thomas Muldoon

## FRIDAY, OCTOBER 2 \* POSTER SESSION II \* 5:30 - 6:30 PM

### AMD – Neovascular

#### Posters 701-784

- 701 Persistent Ocular Hypertension Following Multiple Intravitreal Bevacizumab and Ranibizumab Injections.  
Ron Adelman
- 702 Recalcitrant Occult Choroidal Neovascularization in middle aged patients  
Anita Agarwal
- 703 Response to Bevacizumab in Ranibizumab Responders in Age-Related Macular Degeneration (AMD)  
Levent Akduman
- 704 Comparison of central macular thickness (CMT) measurements between time and spectral domain optical coherence tomography (OCT) in exudative AMD  
Aude Ambresin
- 705 One Year Vision-Specific Quality of Life Results in Patients with Neovascular AMD Treated with VEGF Trap-Eye in the CLEAR-IT 2, Phase 2 Study  
Andrew Antoszyk
- 706 Intravitreal VEGF Values and Inflammatory Parameters - Rationale and Clinical Results of an Individualized Combination-treatment of Wet AMD  
Albert Augustin
- 707 Correlation Between Carboxyethylpyrrole Protein Adducts And Autoantibodies With The Clinical Features Of Age-Related Macular Degeneration  
Mark Barakat
- 708 The SALVAGE Study: Intravitreal Ranibizumab for Treatment of Advanced Macular Dysfunction in Patients with Disciform Fibrosis due to Exudative AMD  
Paul Beer
- 709 The SWIM (SWitching from Intermittent Anti-VEGF to Monthly Ranibizumab Therapy in Neovascular AMD) Study: 12-Month Data  
Michael Bennett
- 710 A Prospective, Randomized, Masked Trial of Anesthesia for Intravitreal Injection  
Gregory Blaha
- 711 Subretinal Tissue Plasminogen Activator and Bevacizumab for Subretinal Hemorrhage from Age-Related Macular Degeneration  
Kevin Blinder
- 712 Triple Therapy for Monthly Ranibizumab Monotherapy Treatment Failures  
Miguel Busquets
- 713 Avastin And Risk Of Glaucoma  
John Carver
- 714 OCT and FA Outcomes Through One Year for a Phase 2 Study of Intravitreal VEGF Trap-Eye in Neovascular Age-Related Macular Degeneration  
Thomas Chu
- 715 Incidence of Retinal Pigmental Epithelial (RPE) Tears After Intravitreal Ranibizumab Injection for Neovascular Age-related Macular Degeneration  
Emmett Cunningham
- 716 Complement Protein CD46 Inhibits Complement Activation and VEGF Release from Human Retinal Pigment Epithelium  
Lucian Del Priore
- 717 Clinicopathologic Correlation of a patient with a Retinal Angiomatous Proliferation (RAP) lesion in one eye.  
Sander Dubovy
- 718 Comparison of Visual Outcomes of Common AMD Treatment Protocols  
David Dyer
- 719 Combination therapy for the treatment of active exudative age-related macular degeneration following twelve intraocular injections of Lucentis  
Arthur Fu
- 720 The Use of Anti Vascular Endothelial Growth Factor Drugs for Age-Related Macular Degeneration: a National Survey in Israel  
Michaella Goldstein
- 721 Central Serous Chorioretinopathy in Elderly Patients Mimicking Age-Related Choroidal Neovascular Membranes  
Scott Grant
- 722 Cardiovascular Disease in Wet versus Dry Age-Related Macular Degeneration: A Literature Review  
Paul Greenberg
- 723 To Evaluate the Visual Outcome in AMD Patients Who Stopped Receiving Constant Interval Dosing and had a Recurrence of the Neovascular Process.  
W.Sanderson Grizzard
- 724 Increased frequency of injection of anti-VEGF agents for treatment of persistent or recurrent exudative wet age-related macular degeneration.  
Lawrence Halperin
- 726 18-Month Follow-up Results for Patients with Exudative AMD Treated with VEGF Trap-Eye who Entered an Extension Study from a Randomized, Phase 2 Study  
Jeffrey Heier
- 727 Visual acuity recovery after a single ranibizumab re-treatment in patients of the SUSTAIN study during PRN treatment  
Frank Holz

## FRIDAY, OCTOBER 2 \* POSTER SESSION II \* 5:30 - 6:30 PM

### AMD – Neovascular

#### Posters 701-784

- 728 RADICAL: Results of a Randomized Clinical Trial of Reduced Fluence vPDT–Anti-VEGF–Dexamethasone in AMD  
Henry Hudson
- 729 Triple Therapy: Reduced Duration PDT plus Dexamethasone and Ranibizumab versus Monthly Ranibizumab for the Treatment of Exudative AMD: 1 Year Results  
Mark Hughes
- 730 Custom-Designed Algorithms for Treatment of Age-Related Macular Degeneration (C-D.A.T.A.)  
Nabil Jabbour
- 731 Externally-Applied Stereotactic Orthovoltage Irradiation for Age-Related Macular Degeneration: Case Presentations from a Phase I Clinical Trial  
Peter Kaiser
- 732 The Association of Antiplatelets and Anticoagulants with Intraocular Hemorrhage in Patients with Exudative Age-Related Macular Degeneration  
Daniel Kiernan
- 733 Inhibition of Choroidal Neovascularization by Intravitreal Ketorolac in an Animal Model of Age-related Macular Degeneration  
Stephen Kim
- 734 Predicting Differential Visual Acuity Responses to 12 Months of 0.5 mg Ranibizumab in Patients from the MARINA and ANCHOR Trials for Neovascular AMD  
Rosa Kim
- 735 Intravitreal Methotrexate for Anti-VEGF Refractory Exudative Age Related Macular Degeneration  
Shree Kurup
- 736 The Changes of Aqueous Humor Cytokines after Consecutive Intravitreal Bevacizumab Injection in Age-related Macular Degeneration  
Oh Kwon
- 737 Combination Treatment with Bevacizumab and Dexamethasone for Persistent Edema after Repeated Bevacizumab Treatments for Neovascular AMD  
Linda Lam
- 738 Verteporfin PDT and Ranibizumab Combination for Subfoveal CNV Secondary to AMD: 12-mo Safety Results and Anatomical Outcomes of the MONT BLANC Study  
Paolo Lanzetta
- 739 Macular Threshold protocol of the Humphrey Visual Field Analyser: Superior functional outcome of intravitreal bevacizumab for neovascular AMD  
Jaco Lavinsky
- 740 Avastin Superior to PDT for Initial Treatment of Myopic CNV but Chorioretinal Atrophy Equalises the Visual Outcome at 1 Year  
Shu-Yen Lee
- 741 Sudden Submacular Hemorrhage in Patients with Age-Related Macular Degeneration despite Ongoing Anti-VEGF Therapy  
John Lewis
- 742 Evaluation of a Home-based Device (ForeseeHome) for Early Detection of Choroidal Neovascularization in Age-related Macular Degeneration Patients  
Anat Loewenstein
- 743 Persistent Elevation of Intraocular Pressure Associated with Intravitreal Bevacizumab Treatment  
Naresh Mandava
- 744 Ranibizumab (Lucentis) for Polypoidal Choroidal Vasculopathy  
Dennis Marcus
- 745 Infliximab: Toxicity in Primates and Efficacy Against Choroidal Neovascularization in Rats  
Gustavo Melo
- 746 Combination Lucentis and Ocular Photodynamic Therapy with Visudyne, with Evaluation-based Retreatments (CLOVER) Trial  
Pauline Merrill
- 747 NEI VFQ-25 Outcomes in Pier within Subgroups defined by OCT Fluid Status  
Mark Michels
- 748 Combined Inhibition of Integrin and Vascular Endothelial Growth Factor for Neovascular Age-Related Macular Degeneration – Phase 1 Study  
Jordi Mones
- 749 Oraya's IRay™: 6 months Safety and Patient Tolerability  
Virgilio Morales-Canton
- 750 Orthovoltage Irradiation with 24 Gy for Advanced Wet Age-Related Macular Degeneration: Case Presentations from a Phase I Clinical Trial  
Darius Moshfeghi
- 751 Intravitreal Bevacizumab in Combination with Verteporfin Photodynamic Therapy at Standard and Reduced Fluence Levels for Subfoveal CNV due to AMD  
Ma'an Nasir
- 752 ICG-Directed PDT in Combination With Intravitreal Lucentis /Triamcinolone Acetonide as Rescue Therapy for Non-VEGF Driven Processes in Exudative ARMD  
Mark Nelson
- 753 Predictive Factors for Visual Acuity Outcomes in Patients with Neovascular AMD after Treatment with VEGF Trap-Eye at One Year in the CLEAR-IT 2 Study  
Quan Dong Nguyen
- 754 A Pilot Study of Ranibizumab Combined with Proton Beam Irradiation in Treating Exudative Age-Related Macular Degeneration: 1 year follow-up  
Susanna Park
- 755 Response to Antiangiogenic Treatment in Age-Related Macular Degeneration: A Comparison of Phakic and Pseudophakic Eyes  
Ayala Pollack

## FRIDAY, OCTOBER 2 \* POSTER SESSION II \* 5:30 - 6:30 PM

### AMD – Neovascular

#### Posters 701-784

- 756 Combination Bevacizumab and Reduced Light Dose Photodynamic Therapy for Neovascular Age-related Macular Degeneration: The VIA 12-Month Follow-up Study  
Michael Potter
- 757 Reduction of Macular Drusen Following Anti-VEGF Intravitreal Injection in ARMD  
Llewelyn Rao
- 758 Visual and Anatomical Outcomes in Eyes with Retinal Pigment Epithelial Tears that receive continued VEGF Modulating Therapy  
Shantanu Reddy
- 759 The Management of Neovascular Age-Related Macular Degeneration using Ranibizumab with the Treat & Extend Regimen: Clinical Results & Economic Impact  
Carl Regillo
- 760 Long Term Follow-up of Minimal Injections of Ranibizumab for Subfoveal Choroidal Neovascularization Associated with Age-related Macular Degeneration  
Elias Reichel
- 761 Functional and anatomic response of loading dose of ranibizumab versus bevacizumab in the treatment of neovascular age related macular degeneration  
Francisco Rodriguez
- 762 Quantitative Imaging of Retinal Pigment Epithelial Detachments Using Spectral Domain OCT  
Philip Rosenfeld
- 763 Normative Database for Microperimetry using the OPKO SD.OCT/SLO in normal subjects: Implications in the Practical Management of Neovascular AMD  
Felix Sabates
- 764 Triple therapy (Reduced Duration PDT + same day Bevacizumab and Dexamethasone) as Rescue Treatment in Patients with Previously Treated Exudative AMD  
Delia Sang
- 765 Ionizing Radiation for Age-related Macular Degeneration  
Steven Sanislo
- 766 A New Grading System for Retinal Pigment Epithelial Tears  
David Sarraf
- 767 Triple therapy Avastin/Dexamethasone/810 nm Diode laser for the treatment of subfoveal occult CNV  
Samir Sayegh
- 768 Long-term Response to  $\leq 3$  Intravitreal Anti-VEGF Injections for Exudative Age-related Macular Degeneration: an Analysis of Baseline Characteristics  
Heeral Shah
- 769 Anatomic Outcomes Using Spectral Domain OCT in Mono versus Combination Therapy for Exudative AMD.  
Gaurav Shah
- 770 Subretinal Hemorrhage in Patients on Anticoagulants with Neovascular Age-Related Macular Degeneration  
Ashish Sharma
- 771 Comparison of Outcomes between Bevacizumab and Ranibizumab Treatment for Choroidal Neovascularization in Age-related Macular Degeneration  
Stephen Sinclair
- 772 Visual Acuity after 2 Years in HORIZON Trial of PRN Intravitreal Ranibizumab (LUCENTIS®) in Patients with Neovascular Age-Related Macular Degeneration  
Michael Singer
- 773 Pre-clinical Evaluation of Oraya IRay System for Delivery of Microcollimated Pars Plana External Beam Radiation to the Eye  
Rishi Singh
- 774 Efficacy of Variable Dosing with Intravitreal Bevacizumab and/or Ranibizumab for Neovascular Age-Related Macular Degeneration Over 2 Years  
Raymond Sjaarda
- 775 Clinician Determined Re-treatment in Ranibizumab Therapy for Neovascular Age-related Macular Degeneration  
Alexandros Stangos
- 776 Improved Contrast Sensitivity in AMD patients after Treatment with Ranibizumab in MARINA and ANCHOR  
Ivan Suner
- 777 Asymptomatic, small subretinal hemorrhage in the fellow eye of patients with exudative AMD  
Homayoun Tabandeh
- 778 Visual Acuity Changes with Fixed and Variable Dosing of Ranibizumab and Bevacizumab for Macular Degeneration  
John Thompson
- 779 A Randomized Trial of Reduced-Fluence Photodynamic Therapy (RFPDT) in Combination with Ranibizumab for the Treatment of Exudative AMD  
Elisha Tilton
- 780 Subgroup Analysis of the 1-year Efficacy and Safety of Maintenance Therapy with Pegaptanib Sodium in Neovascular AMD (NV-AMD): The LEVEL Study  
Pamela Weber
- 781 Visual and Anatomical Outcomes Following Vitrectomy for Secondary Epiretinal Membranes Following Therapy for Wet Age-Related Macular Degeneration  
Raymond Wee
- 782 Timing and Patient Experience Matter in Triple Therapy for Neovascular AMD  
Matthew Wood
- 783 Complement Allele Association with Baseline Lesion Characteristics and Anatomic Outcomes following Ranibizumab Treatment  
Kang Zhang
- 784 Does Fellow Eye Visual Acuity Affect Visual Outcomes for a Study Eye Receiving Ranibizumab for Age-related Macular Degeneration?  
Sandrine Zweifel

## FRIDAY, OCTOBER 2 \* POSTER SESSION II \* 5:30 - 6:30 PM

### AMD – Non-neovascular

#### Posters 801-814

- 801 Light Transmission to the Human Retina in Vivo: Impact of the Lens Status  
Irene Barbazetto
- 802 Macular Pigment Imaging in AREDS II Participants: An Ancillary Study of AREDS II Subjects Enrolled at the Moran Eye Center  
Paul Bernstein
- 803 Assessment of Age-related Macular Degeneration with a Radial Deformation Acuity Chart and Heidelberg Spectralis SLO/OCT  
Alan Cruess
- 804 Optical Coherence Tomography Features of a Murine Model of Non-exudative Age-Related Macular Degeneration  
Jasmine Elison
- 805 Risk Factors for Choroidal Neovascularization in Age-Related Macular Degeneration (AMD) are Associated with Decreased Foveolar Choroidal Circulation  
Juan Grunwald
- 806 URINE BIOMARKERS in Age-related Macular Degeneration- a pilot study  
Robyn Guymer
- 807 Elevated Apo A1 Protects Against Dietary Fat Induced Retinal Apoptosis In C57BL6/J Mice  
Lawrence Morse
- 808 Association of LOC387715/ARMS2 Genotype and Clinical Presentations of Age-related Macular Degeneration  
Marcio Nehemy
- 809 Comparison of Color Fundus Photography, Fluorescein Angiography, and Fundus Autofluorescence for Measurement of Geographic Atrophy Secondary to AMD  
Jason Slakter
- 810 Reticular Macular Disease and Age-Related Macular Degeneration  
Theodore Smith
- 811 Age-related Macular Degeneration (AMD) and Plasma Biomarkers of Oxidative and Inflammatory Stress  
Paul Sternberg
- 812 Drusen Progression Imaged with Spectral Domain OCT  
Fenghua Wang
- 813 Spectral Domain OCT Imaging of Geographic Atrophy in AMD  
Zohar Yehoshua
- 814 Impact of Age-Related Macular Degeneration on Vision-Specific Functioning in an Asian Population  
Yew San Ian Yeo

## FRIDAY, OCTOBER 2 \* POSTER SESSION II \* 5:30 - 6:30 PM

### Infections & Injections

#### Posters 901-911

- 901 Intravitreal Adalimumab for Refractory Uveitis Related Macular Edema: Preliminary Study  
Sofia Androudi
- 902 Anterior Segment Optical Coherence Tomography Grading of Anterior Chamber Inflammation  
Sunir Garg
- 903 Endophthalmitis Following Intravitreal Anti-VEGF Injections  
Harry Flynn
- 904 The Holy Grail Treatment for Intermediate Uveitis. What are the Options? Cryopexy, Steroids, Immunosuppressives, Immunomodulators, Lasers or Observation?  
Robert Josephberg
- 905 Retinovitreal Migration of Presumed Toxocara Granuloma – report of three cases presenting as PIC, Idiopathic SRNV and DUSN  
Eduardo de Souza
- 906 Combined Cataract Extraction, PCIOL, Pars Plana Vitrectomy, Retisert Implant, and Pars Plana Tube in Non-Infectious Uveitis with Cataract and Glaucoma  
Tamer Mahmoud
- 907 Retinal Arteriolar Occlusions in Elderly Immunocompetent Patients with Cytomegalovirus Retinitis  
Janet Davis
- 908 Bilateral endogenous histoplasma endophthalmitis simulating serpiginous choroiditis  
Sam Dahr
- 909 Comparison of Efficiency and Safety of Posterior Subtenon and Intravitreal Triamcinolone Acetonide Injections in Posterior Uveitis Treatment  
Zeliha Yazar
- 910 Micropulse Diode Laser Treatment in Central Serous Chorioretinopathy  
Jan Keunen
- 911 Surgical Management and Ultrastructural Features of Choroidal Neovascularization (CNV) Previously Treated with Intravitreal Bevacizumab  
Sophia Pachydaki

**FRIDAY, OCTOBER 2 \* POSTER SESSION II \* 5:30 - 6:30 PM**  
**Imaging/Hereditary Retinal Disease & Genetics/Pediatric Retina**  
**Posters 1001-1046**

- 1001** Concentric Ring Dysphotopias in Diffractive Multifocal Pseudophakia  
Jeffrey Luttrull
- 1002** New Simulations of Vision with and without Maculopathy  
Michael Marmor
- 1003** Clinical Characteristics, Optical Coherence Tomography and Surgical Outcomes of Epiretinal Membranes with Foveal Herniation  
Sunil Rao
- 1004** Observation of Posterior Precortical Vitreous Pocket by Spectral Domain Optical Coherence Tomography  
Shoji Kishi
- 1005** Spectral-Domain Optical Coherence Tomography and Autofluorescence Findings in Retinal Astrocytic Hamartoma  
Antonio Ciardella
- 1006** Functional and Morphological Parameters Relationship in Macular Surgery  
Claudio Azzolini
- 1007** Photoacoustic Imaging of the Eye: A New Modality  
D. Jackson Coleman
- 1008** Spectral-domain OCT and Adaptive Optics May Detect Hydroxychloroquine Retinal Toxicity Before Symptomatic Vision Loss  
Dennis Han
- 1009** Wavelet Analysis of High Resolution Choroidal Ultrasound to Characterize Dry and Wet Age-related Macular Degeneration  
Aziz Khanifar
- 1010** Posterior Hyporeflexive Spaces in Optical Coherence Tomography  
Alvaro Rodriguez
- 1011** Utility of Spectral Domain Optical Coherence Tomography (sdOCT) as a Screening Test for Hydroxychloroquine Retinopathy  
Eric Chen
- 1012** Photodynamic Therapy in Chronic Central Serous Chorioretinopathy with Posterior Cystoid Retinal Degeneration  
Felice Cardillo Piccolino
- 1013** Can Infra red(IR) imaging of the retina detect retinal thickening ?  
Naveenam Muralidhar
- 1014** How to Cope with Segmentation Errors in Measurement of Macular Thickness with Spectral Domain Optical Coherence Tomography  
Byung Ro Lee
- 1015** Posterior Vitreous Anatomy: Intraoperative Correlation with Spectral Domain Optical Coherence Tomography  
Ron Margolis
- 1016** Fundus Autofluorescence Imaging of Choroidal Neovascular Membranes  
Daniel Esmaili
- 1017** Clinical Application of Autofluorescence Densitometry using a Scanning Laser Ophthalmoscope  
Tomohiro Iida
- 1018** Effect of Foveal Thickness on Agreement Between Time Domain and Spectral Domain Optical Coherence Tomography Measurements  
Caroline Chee
- 1019** Retinal Capillary Oxygen Distribution  
Norman Blair
- 1020** Noninvasive Functional Retinal Blood Flow Imaging in Patients with Epiretinal Membrane  
Vatsal Doshi
- 1021** Anaphylactic Shock during Fluorescein Angiography (FA) in the Office. How do you manage it?  
Armando Sandoval
- 1022** Doppler Optical Coherence Tomography Measurement of Retinal Blood Flow in Patients with Diabetic Retinopathy  
Amani Fawzi
- 1023** Human Cone Anatomy in Macular Disease: Adaptive Optics Scanning Laser Ophthalmoscopic Imaging of Cones in Idiopathic Macular Telangiectasia  
Steven Schwartz
- 1024** Correlation of Automated SDOCT Thickness and Intensity Data with Visual Function  
Rizwan Bhatti
- 1025** Intraoperative Use of Spectral Domain Optical Coherence Tomography - A Pilot Study  
Sunil Srivastava
- 1026** Optical Coherence Tomography findings in X-linked Recessive Alport Syndrome Retinopathy  
Thomas Federici
- 1027** Subretinal fibrosis in Stargardt's disease  
Alexandre Grandinetti
- 1028** Interactions between Smoking and Single Nucleotide Polymorphisms in the NOS2A Gene in Patients with Age-Related Macular Degeneration  
Stephen Schwartz

**FRIDAY, OCTOBER 2 \* POSTER SESSION II \* 5:30 - 6:30 PM**  
**Imaging/Hereditary Retinal Disease & Genetics/Pediatric Retina**  
**Posters 1001-1046**

- 1029** The Effect of Injection of Human Stem Cells on Retinitis Pigmentosa in an Animal Model  
Edwin Boldrey
- 1030** Inverse Association of Female Hormone Replacement Therapy and Oral Contraceptives with Age-Related Macular Degeneration and Interactions with ARMS2  
Jaclyn Kovach
- 1031** Variations in Presentation of Pseudo-doubling of Optic Disc  
Gaurav Shah
- 1032** Ocular Findings in Patients with Sickle Cell Disease  
Esther Bowie
- 1033** Modeling and Analysis of the Hill of Vision in Retinal Disease using Full-Field Static Perimetry for Diagnosis and as Endpoints for Clinical Trials  
Richard Weleber
- 1034** Synthetic Retinoid Treatment for Leber Congenital Amaurosis and Related Disease: Preclinical and Phase 1a Testing of QLT091001  
David Saperstein
- 1035** Comparison of Morphologic and Functional Characteristics of the Macula in Retinitis Pigmentosa  
Donald Meadows
- 1036** Clinical Characteristics of Hydroxychloroquine Retinopathy  
Jiong Yan
- 1037** Refractive Outcomes of Three-Port Lens-Sparing Vitrectomy for Retinopathy of Prematurity  
Eric Holz
- 1038** Visual and Anatomic Outcomes With or Without Surgery in Persistent Fetal Vasculature  
Robert Sisk
- 1039** The Effect of Intravitreal Bevacizumab (Avastin) on the Growing Rabbit Eye  
Ruth Siegel
- 1040** Impact of ETROP Treatment Criteria on the Incidence, Severity, and Outcome of Retinal Detachment due to Retinopathy of Prematurity (ROP)  
David Baranano
- 1041** Vitrectomy Effective for Bilateral Persistent Fetal Vasculature Syndrome with Posterior Retinal Involvement.  
Mark Walsh
- 1042** Biochemical Dysregulation Impacts Foveal Development  
Kimberly Drenser
- 1043** Familial Exudative Vitreoretinopathy Progression – How to Evaluate and Treat  
Michael Trese
- 1044** Pediatric Idiopathic Choroidal Neovascular Membranes of the Central Macula  
Shizuo Mukai
- 1045** ROP experience 2002-2009 and the role of fundus pigmentation in treatment-requiring ROP  
Audina Berrocal
- 1046** Peripheral Retinal Findings in Highly Myopic Children 10 Years of Age and Younger  
G. Baker Hubbard