

Program

Saturday, November 25 (PACIFICO Yokohama North, 1F, G1)

17:30-18:40 Poster session

- IP-01 Performance, safety, and efficiency comparison between 20,000 and 10000 cuts per minute vitrectomy using a 27G cutter in rhegmatogenous retinal detachment: a prospective randomized controlled study
Yu-Te Huang
Eye center, China Medical University Hospital, China Medical University
- IP-02 Three-dimensional quantitative analysis of internal limiting membrane peeling related macular microstructural changes in retinal detachment repair with silicone oil tamponade
Tzu-Han Hsieh
Far Eastern Memorial Hospital
- IP-03 Enhancing Predictability and Automation in Gene Therapy through Subretinal Injection with Robot Assistance: A Comprehensive Parameter Analysis
Ching-Wen Huang
National Taiwan University Hospital
- IP-04 Multimodal imaging of macular structure-function correlations in inherited retinal disease: a novel microperimetry study
Yu-Ting Hsiao
Kaohsiung Chang Gung Memorial Hospital
- IP-05 Macular Structure Characteristics in Unilateral Idiopathic Full-Thickness Macular Hole and the Healthy Fellow Eyes
Yi-Ting Hou
National Taiwan University Hospital
- IP-06 Comparison of Characteristics and Treatment Outcomes of Type 1 and Type 2 Myopic Choroidal Neovascularization After Anti-Vascular Endothelial Growth Factor Therapy
Teck Boon Tew
National Taiwan University Hospital Hsin-Chu Branch
- IP-07 Impact of Reimbursement Program on Treatment Decision and Visual Outcome in Diabetic Macular Edema treated with Aflibercept
I-Hsin Ma
National Taiwan University Hospital, Hsinchu branch
- IP-08 Reconstruction of Type 3 Neovascularization and Evaluation of Antiangiogenic Effects with Serial Optical Coherence Tomography Angiography in Age-related Macular Degeneration
Chi-Hsien Peng
Shin Kong Wu Ho-Su Memorial Hospital
- IP-09 Investigating the Impact of Microenvironment Changes on Age-Related Macular Degeneration: An RNA-Seq Meta-Analysis and *In Vitro* Study
Jung Lo
Kaohsiung Chang Gung Memorial Hospital
- IP-10 The Effects of Complement Decay-accelerating Factor on Retinal Pigment Epithelium Cells
Peng-Tai Tien
China Medical University Hospital, China Medical University

- IP-11 In vivo evaluation of the efficacy of alginate-based hydrogel for intraocular tamponade and vitreous substitute
Seoung Hyun An
Dong-A University College of Medicine
- IP-12 Contemporary Patterns and Underlying Causes of Vitrectomy in Pediatric and Adolescent Patients: A Nationwide, Population-Based Analysis
Kunho Bae
Seoul National University Hospital
- IP-13 Induced Macular Detachment as Treatment for Chronic, Recurrent, or Persistent Full-Thickness Macular Hole: A Case Series
Hyun Goo Kang
Institute of Vision Research, Severance Eye Hospital, Yonsei University College of Medicine
- IP-14 Macular Hole with Epiretinal Proliferation: Diagnostic Value of En-face Optical Coherence Tomography and Clinical Characteristics
Jaehwan Choi
Samsung Medical Center, Sungkyunkwan University School of Medicine
- IP-15 The effect of prostaglandin analogue treatment on the development of cystic change after epiretinal membrane surgery
Ki Yup Nam
College of Medicine, Chungnam National University
- IP-16 Impact of Age-Related Macular Degeneration and Related Visual Disability on the Risk of Depression: A Nationwide Cohort Study
Sungsoon Hwang
Samsung Medical Center, Sungkyunkwan University School of Medicine
- IP-17 Prevalence and Risk Factors of Age-related Macular Degeneration in South Korea: Findings from the Korea National Health and Nutrition Examination Survey 2017-2020
Jae Hui Kim
Kim's Eye Hospital
- IP-18 Long-term efficacy and safety of intravitreal brolucizumab injections for polypoidal choroidal vasculopathy and typical neovascular age-related macular degeneration: a multicenter retrospective real-world study
Se Joon Woo
Seoul National University College of Medicine, Seoul National University Bundang Hospital
- IP-19 Genetic Characteristics of RPGR-associated Retinitis Pigmentosa in Koreans
Sang Jin Kim
Samsung Medical Center, Sungkyunkwan University School of Medicine
- IP-20 Alteration of ocular surface microbiome and antibiotics resistance genes change after administration of topical antibiotics using shotgun metagenomic sequencing
Chang Ki Yoon
Seoul National University Hospital
- IP-21 PS-OCT of Patients Transplanted with Allogeneic iPS Cell-derived RPE Cell Strip
Saori Igarashi
Kobe City Eye Hospital
- IP-22 Central visual field defects after macular hole surgery in glaucomatous eyes
Shunsuke Tsuchiya
Kanazawa University

- IP-23 Time course of RPE thickness after autologous retinal transplantation for macular hole
Shohei Kitahata
Yokohama City University
- IP-24 Comparative study of the closure rate of medium-sized macular holes
Masanori Iwasaki
Nihon University School of Medicine
- IP-25 Vessel tortuosity changes post retinal detachment repair by wide-field OCT angiography
Yosuke Fukuda
Kyushu University
- IP-26 Efficacy of a Tablet-Based Write-On Examination System for Metamorphopsia
Quantification
Hisashi Fukuyama
Hyogo Medical University
- IP-27 Vortex Vein Traits and Lesion Distribution in Central Serous Chorioretinopathy
Takahiro Kogo
Kyoto University
- IP-28 Clinical factors for vortex vein anastomoses in central serous chorioretinopathy
Yasunori Miyara
Graduate School of Medicine, University of the Ryukyus
- IP-29 Comparison of clinical course before and after introduction of intravitreal ranibizumab
in retinopathy of prematurity
Fumihiko Nitta
Tohoku University Graduate School of Medicine
- IP-30 Effect of Nicotinamide Mononucleotide on Retinal Thickness of Older Patients with
Diabetes
Chikako Hara
Osaka University

Sunday, November 26 (PACIFICO Yokohama North, 1F, G8)

9:00-9:20 Honorable lecture

Chair: Taiji Sakamoto (*Kagoshima University*)

Global Eye Health and Asia Retina Specialists
Paisan Ruamviboonsuk
College of Medicine, Rangsit University

9:20-10:00 Young ophthalmologists session I

Chairs: Se Woong Kang (*Sungkyunkwan University*)
Chung-May Yang (*National Taiwan University Hospital*)
Masahiro Miyake (*Kyoto University*)

- Y1-1 Foveal Cone Changes and Visual Outcomes in Epiretinal Membrane: An Adaptive Optics Analysis
Yuki Muraoka
Kyoto University
- Y1-2 Artificial Intelligence for Predicting the Development of Epiretinal Membrane
Yi-Ting Hsieh
National Taiwan University Hospital
- Y1-3 Detection of Retinal Breaks in Ultra-widefield Fundus Photographs using Deep Learning
Bum-Joo Cho
Hallym University Sacred Heart Hospital
- Y1-4 Ultra-High-resolution Retinal Photoreceptor and Vascular Imaging with Multimodal Adaptive Optics
Shin Kadomoto
Osaka Red Cross Hospital
- Y1-5 AI-generated OCT biomarkers for evaluating treatment response of DME
De-Kuang Hwang
Taipei Veterans General Hospital

10:00-10:40 Young ophthalmologists session II

Chairs: Kyu-Hyung Park (*Seoul National University Hospital*)
Chang-Hao Yang (*National Taiwan University Hospital*)
Masato Akiyama (*Kyushu University*)

- Y2-1 Relevance of Intraretinal Hyperreflective Foci and Subretinal Drusenoid Deposits in Type 3 MNV
Yu Wakatsuki
Nihon University Hospital
- Y2-2 AI-assisted Treatment Decisions in Neovascular AMD
Jae Hui Kim
Kim's Eye Hospital
- Y2-3 A Deep Learning Approach for the Screening of Age-Related Macular Degeneration in Taiwan
Tsui-Kang Hsu
Cheng-Hsin General Hospital

Y2-4 AI-based analysis of retinal vascular distribution in diabetic patients
Kanae Fukutsu
Hokkaido University

Y2-5 Genetic diagnosis of less severe form of inherited retinal degeneration
Sohee Jeon
Keye Eye Center

10:40-10:50 Coffee break

10:50-12:35 Special lecture I

Chairs: Young Joon Jo (*Chungnam National University Hospital*)
Chung-May Yang (*National Taiwan University Hospital*)
Nahoko Ogata (*Nara Medical University*)

S1-1 Retinal organoid related therapeutic approaches to retinal degeneration
Tae Kwann Park
Soonchunhyang University Hospital Bucheon

S1-2 Evolution of treatment of polypoidal choroidal vasculopathy : Taiwan experience
Chang-Hao Yang
National Taiwan University Hospital

S1-3 The Impact of Early Surgical Intervention on Aniseikonia in Patients with Epiretinal Membrane
Se Woong Kang
Sungkyunkwan University

S1-4 Retinal oxygen saturation and vascular resistance after treatment for central retinal vein occlusion
Kiyoshi Suzuma
Kagawa University

S1-5 Quantitative analysis of anti-VEGF effect on retinal capillary hemangioma and vasoproliferative tumors
Cheng-Kuo Cheng
Shin-Kong Wu Ho-Su Memorial Hospital

S1-6 COVID-19 vaccination-related intraocular inflammation
Annabelle A. Okada
Kyorin University School of Medicine

S1-7 Retinal microstructure and electrophysiology in vitreo-retinal interface disorder after vitrectomy
Shwu-Jiuan Sheu
Kaohsiung Medical University Hospital

12:45-13:45 Luncheon seminar REPAIR that RETINA! in ARC

Moderators: Kazuaki Kadonosono (Yokohama City University)
Susumu Ishida (Hokkaido University)

Team Korea : Sang Jin Kim (Samsung Medical Center, Sungkyunkwan University School of Medicine)
Yoon Jeon Kim (Asan Medical Center)
Jae Hui Kim (Kim's Eye Hospital)
Un Chul Park (Seoul National University Hospital)

Team Taiwan : Cheng-Kuo Cheng (Shin-Kong Wu Ho-Su Memorial Hospital)
Yi-Ting Hsieh (National Taiwan University Hospital)
Tso-Ting Lai (National Taiwan University Hospital)
Yu-Bai Chou (Taipei Veterans General Hospital)

Team Japan : Susumu Ishida (Hokkaido University)
Ayumi Usui Ouchi (Juntendo University Urayasu Hospital)
Yoko Ozawa (Fujita Medical Innovation Center Tokyo)
Takashi Koto (Kyorin University)

Co-Sponsored: Alcon Japan Ltd

13:55-14:35 Young ophthalmologists session III

Chairs: Dong Heun Nam (Gil Medical Center, Gachon University)
San-Ni Chen (China Medical University Hospital)
Yoko Ozawa (Fujita Medical Innovation Center Tokyo)

- Y3-1 Phenotypic variability of PROM1-related inherited retinal disease in Korean
Sang Jin Kim
Samsung Medical Center, Sungkyunkwan University School of Medicine
- Y3-2 A comprehensive approach to identify IRD patients for gene therapy
Ta-Ching Chen
National Taiwan University Hospital
- Y3-3 Clinical and Genetic Characteristics of East Asian Patients with Occult Macular Dystrophy
Kaoru Fujinami
National Institute of Sensory Organs, NHO Tokyo Medical Center
- Y3-4 Clinical and genetic heterogeneity of ciliopathy associated with RP
Yoon Jeon Kim
Asan Medical Center
- Y3-5 Updated Gene Therapies in Inherited Retinal Diseases
Chi-Hsien Peng
Shin Kong Wu Ho-Su Memorial Hospital

14:35-15:15 Young ophthalmologists session IV

*Chairs: Tae Kwann Park (Soonchunhyang University Hospital Bucheon)
Shih-Jen Chen (Taipei Veterans General Hospital)
Yoshimi Sugiura (Tsukuba University)*

- Y4-1 Macular function after autologous retinal transplantation in refractory macular holes
 Tatsuya Inoue
 Yokohama City University
- Y4-2 Maximizing the performance of 3D visualization systems
 Sagong Min
 Yeungnam University Hospital
- Y4-3 Clinical Comparison Between Different Forceps for Internal Limiting Membrane Peeling
 Yu-Bai Chou
 Taipei Veterans General Hospital
- Y4-4 Retinal pigment epithelium (RPE) strip transplantation: A new strategy for RPE
 replacement therapy
 Daiki Sakai
 Kobe City Eye Hospital
- Y4-5 Surgical outcome of high myopic full-thickness macular hole without retinoschisis
 Un Chul Park
 Seoul National University Hospital

15:15-15:50 Young ophthalmologists session V

*Chairs: Tae Kwann Park (Soonchunhyang University Hospital Bucheon)
Cheng-Kuo Cheng (Shin-Kong Wu Ho-Su Memorial Hospital)
Teruyo Kida (Osaka Medical and Pharmaceutical University)*

- Y5-1 Tackling Inadequate Zonular Support and IOL-Related Complications
 Tso-Ting Lai
 National Taiwan University Hospital
- Y5-2 Factors to consider in Tumor Surgery
 Min Kim
 Yonsei University, Gangnam Severance Hospital
- Y5-3 Intraoperative Retinal Blood Flow Autoregulation During Vitreous Surgery
 Ryuya Hashimoto
 Toho University Sakura Medical Center
- Y5-4 Using AMG After Removing Suprachoroidal Silicone Oil via a Defect in Rigid "Retina-
 Choroid Complex"
 Shu-Chun Kuo
 Chi Mei Medical Center

15:50-16:00 Coffee break

16:00-17:30 Special lecture II

Chairs: Se Woong Kang (*Sungkyunkwan University*)
Shwu-Juan Sheu (*Kaohsiung Medical University Hospital*)
Makoto Inoue (*Kyorin University*)

- S2-1 Things We Should Consider in Epiretinal Membrane Surgery
Kyu-Hyung Park
Seoul National University Hospital
- S2-2 Surgical Planes for Epiretinal Membrane Surgery
Shih-Jen Chen
Taipei Veterans General Hospital
- S2-3 Vitreous Cortex Remnants Removal with Beveled vitrectomy probe during Vitrectomy for Primary RRD
Dong Heun Nam
Gil Medical Center, Gachon University
- S2-4 Impact of Henle fiber layer hemorrhage on the visual prognosis of retinal macroaneurysm rupture
Yuki Morizane
Okayama University
- S2-5 ILM flap manipulation on viscoelastic-coated retinal surface; ILM flap made easy
Suk Ho Byeon
Institute of Vision Research, Department of Ophthalmology, Severance Eye Hospital, Yonsei University College of Medicine
- S2-6 Vitrectomy for myopic traction maculopathy with macular patchy atrophy
Chung-May Yang
National Taiwan University Hospital

17:30-18:45 Special lecture III

Chairs: Kyu-Hyung Park (*Seoul National University Hospital*)
Chang-Hao Yang (*National Taiwan University Hospital*)
Maiko Inoue (*Yokohama City University Medical Center*)

- S3-1 CSC and sclera: What we have learned so far
Hideki Koizumi
University of the Ryukyus
- S3-2 Management of Pachychoroidal neovascularopathy
San-Ni Chen
China Medical University Hospital
- S3-3 Demographic and treatment trends in neovascular AMD in Japan through COVID-19 pandemic
Fumi Gomi
Hyogo Medical University
- S3-4 Clinical Characteristics and Progression of Geographic Atrophy in a Japanese Population
Akitaka Tsujikawa
Kyoto University Graduate School of Medicine
- S3-5 Clinical characteristics and surgical results of retinal detachment of FEVR
Young Joon Jo
Chungnam National University Hospital

18:45-18:55 Closing remarks
