

12. 15. Friday

08:00~08:50	Alcon Symposium	좌장: 김성수 (연세대)
08:00~08:20	Sharing Tips and Pearls of 27G Vitrectomy	I-van Ho (Sydney Eye Hospital)
08:20~08:40	Efficacy and clinical use of Sharkskin forceps in ILM peeling	김윤전 (서울아산병원)
08:40~08:50	Q&A	
08:50~09:00	<i>Break</i>	
09:00~09:10	Opening Remark	김중곤 회장 (서울아산병원)
09:10~10:06	Free Paper Session 1	좌장: 박영훈 (가톨릭대) / 이종현 (인제대)
09:10~09:18	Crystallin alpha B as a new therapeutic target against chorioretinal diseases	민정기 (울산대)
09:18~09:26	TREATMENT OF MACULAR DEGENERATION USING HUMAN SOMATIC CELL NUCLEAR TRANSFER EMBRYONIC STEM CELL DERIVED RETINAL PIGMENT EPITHELIUM: 1-YEAR RESULTS IN AN ASIAN PATIENT	성영제 (CHA대)
09:26~09:34	Clinical Applications of Super-resolution Microscopy: Intracellular Cytoskeleton Changes in Müller Cells after TGF-beta Application	양현승 (서울신세계안과)
09:34~09:42	Targeting mitochondria of senescent cells for retinal rejuvenation	정혜원 (건국대)
09:42~09:50	Longitudinal Changes in Molecular Features of HCN Channel Isoforms Throughout the Progression of Outer Retinal Degeneration in rd10 Mice	임매순 (KIST)
09:50~09:58	Clinical and Multimodal Imaging Features of Choroidal Nevi	김민 (연세대)
09:58~10:06	BRCA1/2-associated retinoblastomas	이승규 (연세대)
10:06~10:15	<i>Break</i>	
10:15~10:59	Updates on Retina	좌장: 김형찬 (공안과병원) / 문상웅 (경희대)
10:15~10:26	Artificial intelligence	이형우 (건국대)
10:26~10:37	Genetics	주광식 (서울대)
10:37~10:48	New OCT Biomarkers	김기영 (경희대)
10:48~10:59	Update on Retinal Network Research: Focusing on Primate Retina	구용숙 (충북대)
10:59~11:10	<i>Break</i>	
11:10~12:13	Current Trends in Surgical Retina	좌장: 박규형 (서울대) / I-van Ho (Sydney Eye Hospital)
11:10~11:33	Oil versus Endophthalmitis	I-van Ho (Sydney Eye Hospital)
11:33~11:53	Management of Refractory Macular Holes	Joo Yong Lee (Asan Medical Center)
11:53~12:13	Vitreoretinal Surgery for Pediatric Patients	Sang Jin Kim (Sungkyunkwan University)
12:13~12:20	<i>Break</i>	
12:20~13:10	Novartis Symposium	좌장: 함돈일 (성균관대)
12:20~12:40	Minimizing the Treatment Burden in DME – Evidence And Experience From KITE And KESTREL Studies	Justus G. Garweg (Berner Augenklinik & Swiss Eye institute)
12:40~13:00	Brolucizumab and Evolving Treatment Paradigms for PCV	황덕진 (한길안과병원)
13:00~13:10	Q&A	
13:10~13:30	인공지능과 출판윤리-1	오재령 (의편협 출판윤리위원회)
13:30~14:41	Current Trends in Medical Retina	좌장: 이원기 (누네안과병원) / Judy E Kim (Medical College of Wisconsin)
13:30~13:53	Updates on Home OCT	Judy E Kim (Medical College of Wisconsin)
13:53~14:16	Neovascular AMD – Choices for Tomorrow	Justus G. Garweg (Berner Augenklinik & Swiss Eye institute)
14:16~14:41	Management of Intraocular Lymphoma	Christopher Seungkyu Lee (Yonsei University)
14:41~14:50	<i>Break</i>	

14:50~15:46	Free Paper Session 2	좌장: 함돈일 (성균관대) / 신민철 (한림대)
14:50~14:57	Factors associated with the development of exudation in treatment-naive eyes with nonexudative macular neovascularization	조한주 (김안과병원)
14:57~15:04	Quantified anastomotic areas of MNV associated with frequent recurrence in nAMD	김형찬 (공안과병원)
15:04~15:11	Recurrence of nAMD after discontinuation of anti-VEGF therapy using modified T&E regimen	김기영 (경희대)
15:11~15:18	단안 망막혈관종증식에서 반대안에 혈관신생 없이 나타나는 지도모양위축과 관련된 특성	김재휘 (김안과병원)
15:18~15:25	초광각자가형광안저촬영을 이용한 지도모양위축의 진행 연구	윤제문 (성균관대)
15:25~15:32	Subretinal fluid in drusenoid pigment epithelium detachment: To treat or not to treat?	김미리내 (가톨릭대)
15:32~15:39	Retinal and Choriocapillaris Blood Flow changes by Age from Quantitative OCTA Measurement in Healthy Korean Subjects	변익수 (부산대)
15:39~15:46	Comparison of Retinal Thickness Measurements among Four Different Optical Coherence Tomography Devices	남기태 (제주대)

15:46~15:55 *Break*

15:55~16:50	KRS Myopic Degeneration Research Society Founding Symposium: Myopia and Retina	좌장: 신재필 (대구누네안과병원) / 지동현 (가톨릭대)
15:55~16:05	Myopia: A Major Threat to National Health	안지윤 (서울대)
16:05~16:15	Can the progression to High Myopia Be Prevented?: Treatment Approaches for Pediatric Myopia	정승아 (아주대)
16:15~16:25	Posterior Staphyloma: Characteristics and Clinical Implications	박강윤 (인제대)
16:25~16:35	Examination of Myopic Patients at the Retina Clinic	최미현 (고려대)
16:35~16:45	Long-Term, Effective, and Efficient Treatment for Myopic CNV	이민우 (건양대)
16:45~16:50	The Future Plans of the Myopic Degeneration Research Society	지동현 (가톨릭대)

16:50~17:00 *Break*

17:00~17:50	Free Paper Session 3 (rapid fire)	좌장: 송수정 (성균관대) / 이대영 (가천대)
17:00~17:05	Deep learning approach to predict post-treatment optical coherence tomography images of age-related macular degeneration after 12 months	이형우 (건국대)
17:05~17:10	Automated diagnosis of macular diseases based on OCT volume scans using 3D convolutional neural network	조범주 (한림대)
17:10~17:15	근거에 기반해 강화된(evidence-empowered) 전이학습(transfer learning)을 이용한 황반부 망막하액의 진단	최은영 (연세대)
17:15~17:20	One AI, Two Doctors: The Impact of Task Expertise on Acceptance of an AI-Based Computer-Aided Diagnosis System in Retinal Disease	황덕희 (한길안과병원)
17:20~17:25	인공지능의료기기 개발부터 신의료기술까지	임형택 (Duke-NUS Medical School)
17:25~17:30	Accuracy of Generative Deep Learning Model for Macular Anatomy Prediction from Optical Coherence Tomography Images in Macular Hole Surgery	권한조 (부산대)
17:30~17:35	Development of deep ensembles for screening autism spectrum disorder and symptom severity using retinal photographs	강현구 (연세대)
17:35~17:40	Multimodal Deep Learning Algorithm for Detection of Kidney Disease From Retinal Images and Urinalysis	김준형 (CHA대)
17:40~17:45	습성 황반변성 환자에서 초기치료 후 재발할 가능성을 예측하는 AI 모델	윤원태 (김안과병원)
17:45~17:50	Risk Factors for Development of Anti-Adalimumab Antibodies in Non-Infectious Uveitis	신용운 (한양대)

17:50~18:00 *Break*

18:00~18:50	Roche Symposium	좌장: 김중곤 (서울아산병원)
18:00~18:20	Outcomes from Pivotal Trials of Faricimab and Initial Real world Experience in South Korea	김재휘 (김안과병원)
18:20~18:40	Efficacy, Durability, and Safety of Faricimab and Lessons Learned	Judy E Kim (Medical College of Wisconsin)
18:40~18:50	Q&A	

12. 16. Saturday

08:00~08:50	AbbVie Symposium	좌장: 박규형 (서울대)
08:00~08:20	Optimising Treatment with Early switch to Dexamethasone implant (Ozurdex)	Winfried MK Amoaku (Queen's Medical Centre)
08:20~08:40	How to maximize the benefit of Dexamethasone IV implant in naïve patient management	사공민 (영남대)
08:40~08:50	Q&A	
08:50~09:00	<i>Break</i>	
09:00~09:56	Free Paper Session 4	좌장: 이상준 (고신대) / 정우진 (동아대)
09:00~09:07	Human disease model of EYS related retinitis pigmentosa	이준원 (연세대)
09:07~09:14	Large-Scale Drug Screening and In Silico Chemical Screening for Drug Discovery in the Development of Therapeutics for Hereditary Retinal Diseases	주광식 (서울대)
09:14~09:21	Alteration of ocular surface microbiome and antibiotics resistance genes change after administration of topical antibiotics using shotgun metagenomic sequencing	윤창기 (서울대)
09:21~09:28	Ocular von Hippel-Lindau disease: genotype-phenotype correlation and novel fluorescein angiographic features	황성순 (성균관대)
09:28~09:35	Improvements of diabetic choroidopathy after intensive aflibercept for diabetic macular edema	이준엽 (서울아산병원)
09:35~09:42	Atypical ischemic proliferative retinopathy in preterm babies	김상진 (성균관대)
09:42~09:49	Effect of Intraocular Pressure-lowering agent use in highly myopic eyes	박운철 (서울대)
09:49~09:56	Role of micropulse laser and anti-VEGF injection for CSC treatment.	김동윤 (서울탐안과)
09:56~10:05	<i>Break</i>	
10:05~10:55	When Experienced Surgeons Face Operative Challenges	좌장: 윤희성 (성모안과병원) / 김윤영 (대구가톨릭대)
10:05~10:15	Surgical video 1	이성진 (순천향대)
10:15~10:25	Surgical video 2	장우혁 (장우혁안과)
10:25~10:35	Surgical video 3	김유철 (계명대)
10:35~10:45	Surgical video 4	조영준 (충남대)
10:45~10:55	Surgical video 5	송지훈 (아주대)
10:55~11:05	<i>Break</i>	
11:05~12:16	Upcoming Advances in the Treatment of Retinal Disorders	강세웅 (성균관대) / Michael W Stewart (Mayo Clinic)
11:05~11:28	Drug Development for Neovascular AMD: Successes, Failure, and Hopefuls	Michael W Stewart (Mayo Clinic)
11:28~11:51	Insights on the treatment of RVO	Winfried MK Amoaku (Queen's Medical Centre)
11:51~12:16	The Present and Future of Biosimilars	Se Joon Woo (Seoul National University)
12:16~12:20	<i>Break</i>	
12:20~13:10	Bayer Symposium	좌장: 강세웅 (성균관대)
12:20~12:40	Considerations for clinical decision-making in nAMD	Michael W Stewart (Mayo Clinic)
12:40~13:00	Overcoming barriers to optimize treatment outcomes	유나경 (중앙보훈병원)
13:00~13:10	Q&A	
13:10~13:30	인공지능과 출판윤리-2	오재령 (의협협 출판윤리위원장)
13:30~14:35	Tips for Patients Management in the Retina Clinic	좌장: 박성표 (한림대) / 김성우 (호림이안과)
13:30~13:43	Management of Preoperative Patient Condition and Medication for Vitreoretinal Surgery	신용운 (한양대)
13:43~13:56	Pain and Distress of General Condition during Vitreoretinal Surgery	배건호 (서울대)
13:56~14:09	Quick and Effective Management of Hemorrhagic Complications related to Vitreoretinal Surgery	김성택 (조선대)
14:09~14:22	Pain, Headache, and Abrupt Visual Impairment Associated with Intraocular Injection	이준원 (연세대)
14:22~14:35	Adverse Events Associated with Laser Treatment	김진영 (에스안과)
14:35~14:45	<i>Break</i>	

14:45~15:50	Current Hot Topic in Retina: Geographic Atrophy	좌장: 김종곤 (서울아산병원) / 오재령 (고려대)
14:45~14:58	Pathogenesis of GA and the Role of Complement System	오종현 (동국대)
14:58~15:11	Multimodal Imaging Features of GA	김용규 (한림대)
15:11~15:24	Clinical Importance of GA: Is GA a Less Severe Condition Compared to Neovascular AMD?	김재휘 (김안과병원)
15:24~15:37	Ethnic differences in Characteristics and Progression of GA	이준엽 (서울아산병원)
15:37~15:50	Lights and Shadows of Complement Inhibition Therapy for GA	사공민 (영남대)
15:50~16:00	<i>Break</i>	
16:00~16:56	Free Paper Session 5	좌장: 진희승 (인하대) / 최경식 (순천향대)
16:00~16:07	유전성 망막질환에 대한 유전자 검사의 국내 현황(한국망막학회 개별연구 지원사업 보고)	안지윤 (서울대)
16:07~16:14	Pre-to-Post Switching Efficacy and Safety Assessments of SB15 (Proposed Aflibercept Biosimilar) in Neovascular Age-Related Macular Degeneration: Findings from a Post-hoc Analysis of a Phase III Clinical Trial	우세준 (서울대)
16:14~16:21	드루젠을 이용한 건성황반변성의 예후 예측. 어떻게 하고 있나요?	함돈일 (성균관대)
16:21~16:28	망막 주사치료 횟수 및 간격을 정리해 주는 프로그램의 활용	김용규 (한림대)
16:28~16:35	SS-OCT로 관찰한 습성황반변성의 장기 치료 경과	이주은 (제안과)
16:35~16:42	Correlation between Clinical characteristics and Angiographic Patterns in Type 1 Macular Neovascularization Using Multimodal Imaging.	전소희 (카이안과)
16:42~16:49	Nationwide Usage of Pentosan Polysulfate (PPS) and Practice Patterns of PPS Maculopathy Screening in South Korea: Why don't we have PPS maculopathy cases in Korea?	안성준 (한양대)
16:49~16:56	Endogenous endophthalmitis from a Klebsiella pneumoniae liver abscess	김은아 (인제대)
16:56~17:00	<i>Break</i>	
17:00~17:30	학술상 수상자 강연	
17:00~17:15	황덕진(한길안과병원)	
17:15~17:30	최은영(연세대)	
17:30~18:00	<i>Break</i>	
18:00~	총회	

12. 17. Sunday

08:00~08:30	종근당 Symposium	좌장: 오재령 (고려대)
08:00~08:20	anti-vegf 주사의 현재 치료 및 향후 전망	이미연(가톨릭대)
08:20~08:30	Q&A	
08:30~08:45	Break	
08:45~09:41	Free Paper Session 6	좌장: 김민호 (압구정성모안과) / 남동흔 (가천대)
08:45~08:52	두근두근 망막전막 수술하기	채주병 (서울탑안과)
08:52~08:59	The Impact of Early Surgical Intervention on Aniseikonia in Patients with Epiretinal Membrane: A Prospective Cohort Study	강세웅 (성균관대)
08:59~09:06	Immunohistochemical evidence of idiopathic epiretinal membrane in the development of continuous ectopic inner foveal layers	박영근 (가톨릭대)
09:06~09:13	Vertical asymmetry analysis of the macular microvasculature in epiretinal membrane patients with open-angle glaucoma	이민우 (건양대)
09:13~09:20	The use of cryopreserved Human amniotic membrane graft for recurrent or large macular holes	이상준 (고신대)
09:20~09:27	Two types of Retinal detachment: with or without Posterior vitreous detachment	박성후 (부산대)
09:27~09:34	Choroidal Vascularity and Visual Outcomes in Macula-Off Rhegmatogenous Retinal Detachment	서의종 (충북대)
09:34~09:41	Influence of Vitreoretinal Surgery on Ocular Surface Dynamics Using Keratograph 5M	김훈동 (순천향대)
09:41~13:00	실전 retina 심포지엄	
	실전 Retina video talk show (IOL dislocation 관련 수술의 모든 노하우를 공개한다!!!)	Show host: 이주은 (제안과)/ 김유철 (계명대)
09:41~11:05	IOL /IOL in the bag removal Suture scleral fixation Yamane & Canabrava technique Others	김중곤 (서울아산병원) 임선택 (파랑새안과) 최경식 (순천향대) 박동호 (경북대) 박성후 (부산대) 김동윤 (서울탑안과) 변석호 (연세대) 전소희 (카이안과)
11:05~11:20	Break	
	실전 medical retina (망막 레이저 치료를 파헤쳐보자!!)	좌장: 조영준 (충남대)/ 채주병 (서울탑안과)
11:20~11:32	황반부 레이저 치료의 실제 (Focal & Subthreshold laser)	노영정 (가톨릭대)
11:32~11:44	중심장액맥락망막병증의 치료에서 광역하요법의 효용	김윤전 (서울아산병원)
11:44~11:56	당뇨망막병증에서 레이저치료(Panretinal photocoagulation)의 중요성	양승재 (강릉조은안과)
11:56~12:08	주사치료에 반응하지 않는 분지망막정맥 폐쇄의 치료방법	김경태 (충북대)
	따끈따끈 망막 관련 update!!! (최근의 망막 관련 최신 소식, 신기술, 실용지식을 한번에 정리하자!!!)	좌장: 임선택 (파랑새안과) / 문준웅 (공덕서울안과)
12:10~12:30	망막 저시력 치료 update	김응수 (중앙대)
12:30~12:40	망막 진단 및 수술 장비의 update	권윤형 (동아대)
12:40~12:50	보험 관련 update	김태완 (SNU 청안과)
12:50~13:00	망막분야의 윤리적 issue	박영훈 (가톨릭대)
13:00~13:30	삼일제약 Symposium	좌장: 김하경 (한림대)
13:00~13:20	AMELIVU : Clinical Trial & Real world Cases	송지훈(아주대)
13:20~13:30	Q&A	

E-Poster

초록제목	저자명	소속
Discontinuation of treatment and retreatment of neovascular age-related macular degeneration in the real-world	Soo Chang Cho 1, Kyu Hyung Park 2, Sang Jun Park 3, Kwangsic Joo 3, Se Joon Woo 3	1 Department of Ophthalmology, Ewha Womans University College of Medicine, Ewha Womans University Mokdong Hospital, Seoul, Republic of Korea. 2 Department of Ophthalmology, Seoul National University College of Medicine, Seoul National University Hospital, Seoul, Republic of Korea. 3 Department of Ophthalmology, Seoul National University College of Medicine, Seoul National University Bundang Hospital, Seongnam, Republic of Korea.
절반망막중심정맥폐쇄증의 임상양상	정인영, 조용운, 이동우	경상국립대병원 안과
OCT biomarkers as predictors of visual improvement to intravitreal bevacizumab, aflibercept, and dexamethasone implant in diabetic macular edema	김성택	조선대학교병원
New Drug Target Discovery Using Text mining – Knowledge Discovery in Database	문용석(1), 박규형(2)	(1) 한림대학교 의과대학 강남성심병원 안과학교실 (2) 서울대학교 의과대학 서울대학교병원 안과학교실
유리체강 내 주사 후 발생한 비문증과 Inverse Tapping Technique의 효과	김경래, 박성표	한림대학교 강동성심병원 안과학교실
Changes in peripapillary retinal nerve fiber layer thickness after vitrectomy for rhegmatogenous retinal detachment	황덕진	한길안과병원
Effect of pars plana vitrectomy with silicone oil tamponade and internal limiting membrane peeling on eyes with proliferative diabetic retinopathy	황덕진	한길안과병원
Optical Coherence Tomography Reflectivity in Foveal Cysts: A Novel Biomarker for Early-Response Prediction of Diabetic Macular Edema Treated with Dexamethasone	황덕진	한길안과병원
Novel utilisation of ultrawide-field fundus photography for detecting retinal nerve fibre layer defects in glaucomatous eyes	황덕진	한길안과병원
Classifying central serous chorioretinopathy subtypes with a deep neural network using optical coherence tomography images: a cross-sectional study	황덕진	한길안과병원
Longitudinal Changes of the Choroidal Thickness in Patients with Unilateral Central Retinal Artery Occlusion	황덕진	한길안과병원
Subclinical coronary atherosclerosis and retinal optical coherence tomography angiography: An observational cohort study	Jee Myung Yang, 1, 2 Jiehoon Kwak, 1 Yunhan Lee, 1 Dong Hyun Yang, 3 Seung-Whan Lee, 4 Yoon Jeon Kim, 1 Junyeop Lee, 1 Kyung Rim Sung, 1 June-Gone Kim, 1 Joo Yong Lee, 1 Young Hee Yoon1	1 Department of Ophthalmology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea 2 Department of Ophthalmology, Dongguk University Ilsan Hospital, Dongguk University College of Medicine, Goyang, Korea 3 Department of Radiology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea 4 Department of Cardiology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea
Comparison of Intravitreal preservative-free triamcinolone Versus Posterior Sub-tenon Triamcinolone Acetonide Injection For Bevacizumab-Resistant Diabetic Macular Edema	전승희, 김민희, 노영정	가톨릭대학교 의과대학 인천성모병원, 가톨릭대학교 의과대학 여의도성모병원 안과병원
The rise and variety of multiple evanescent white dot syndrome (MEWDS) in the COVID-19 pandemic.	송용연, 김정태, 이민우, 장영석, 이성철	건양대학교병원
400µm 이하의 황반원공에서 내경계막벗김술과 내경계막절편덮개술의 효과 비교: 메타분석	이승민(1), 변익수(2)	(1)양산 부산대학교병원 (2)부산대학교병원
Clinical characteristics of recurred retinal artery occlusion	Hyeong Min Kim, MD MSc1, Se Joon Woo, MD, PhD1	1 Department of Ophthalmology, Seoul National University College of Medicine, Seoul National University Bundang Hospital, Seongnam, Republic of Korea
Clinical Manifestation and Prognosis of Bilateral Posterior Scleritis in Koreans: Single Center Cohort Study	유웅선, 정인영	경상국립대학교병원 안과 경상국립대학교 의과대학 안과학교실
Long-Term Changes in Retinal Nerve Fiber Layer Thickness after Vitrectomy for Epiretinal Membrane Using Optical Coherence Tomography Images	배기웅1, 김동익2,3, 황덕진2,3	1노원 을지병원 안과 2부평 한길안과 3가톨릭 관동의대 안과
Focal Choroidal Excavation Development Associated with Drusenoid Pigment Epithelial Detachment: A Case Report	Min Seok Kim, Jinhyung Lee	Seoul National University Bundang Hospital