



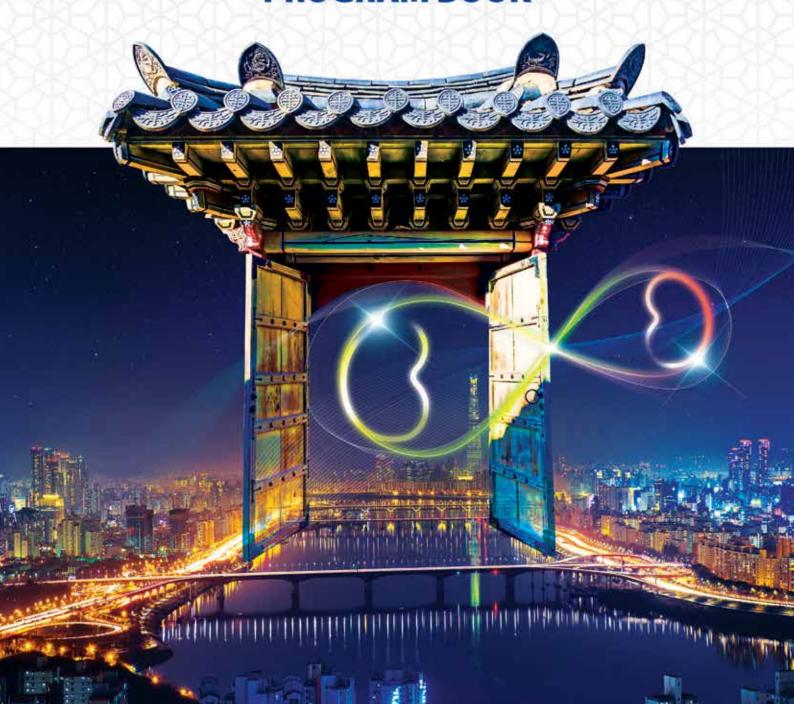
# APCN KSN 2024

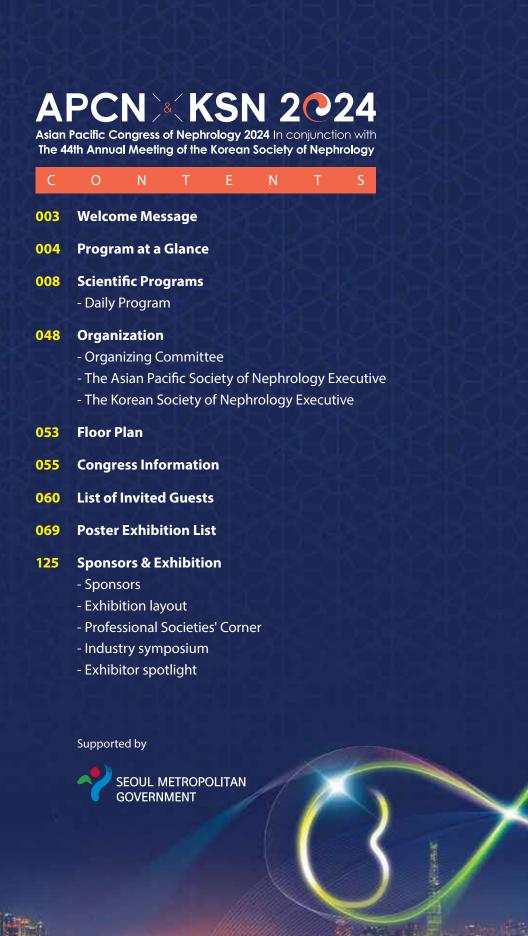
Asian Pacific Congress of Nephrology 2024 In conjunction with The 44th Annual Meeting of the Korean Society of Nephrology

June 13(Thu) - 16(Sun), 2024 Coex, Seoul, Korea

Promoting Sustainable Kidney Health: The Asia-Pacific and Beyond

### **PROGRAM BOOK**





### **Welcome Message**

Dear colleagues,

It is our great honor and pleasure to welcome you to the 22nd Asian Pacific Congress of Nephrology, held in conjunction with the 44th Annual Meeting of the Korean Society of Nephrology (APCN & KSN 2024). We are especially excited to host APCN & KSN 2024 as a fully physical congress in Seoul, the vibrant capital city of Korea, a nation known for both cutting-edge innovation and deep cultural heritage and tradition.

With the firm support of everyone, APCN & KSN 2024 has already achieved remarkable success by reaching a record number of 1,528 abstract submissions and over 3,400 pre-registrants from fifty-one countries. In return for your support, the Scientific Committee has devoted the utmost effort to create a high-quality scientific program covering the latest research in the management of kidney health. We hope all participants will be able to make the most of the scientific program to advance their knowledge in the understanding and treatment of kidney diseases and share thoughts and ideas with renowned speakers and colleagues.

We are particularly excited to announce that APCN & KSN 2024, held under the theme of "Promoting Sustainable Kidney Health: The Asia-Pacific and Beyond," is dedicated to sustainability. In line with this commitment, we have prepared sessions on Green Nephrology that focus on the management of kidney health with sustainable kidney care practices. Additionally, the overall congress is organized in an eco-friendly manner. We hope you will be inspired and experience first-hand the innovations in sustainable kidney care at APCN & KSN 2024.

In addition to the scientific program, there is an exhibition on the 3rd floor of COEX where all participants can enjoy coffee and refreshments while attending exhibitor spotlight sessions, the poster exhibition, and a Seoul pop-up booth offering diverse activities. We have also arranged a social event, the Opening Ceremony & Welcome Reception, on the evening of Thursday, June 13, which promises to provide an excellent networking opportunity.

Once again, we warmly welcome you to APCN & KSN 2024 and hope you enjoy all the programs we have prepared for you.

Sincerely yours,



Chun Soo Lim, M.D., Ph.D.

Murson =

President, Korean Society of Nephrology



Sydney Tang.

Sydney Tang, M.D., Ph.D. President, Asian Pacific Society of Nephrology



Seung Yeup Han, M.D., Ph.D. Jung Pyo Lee, M.D., Ph.D.

Congress President, Korean Society of Nephrology



Chair, Organizing Committee of **APCN & KSN 2024** 



## Program at a glance

### **THURSDAY, JUNE 13**

KOR –	→ ENG Interpretation	ENG → K	OR Interpretation	Oral Comn	nunication & Room 6	(English only)	Plenary Lecture	e & Official Program
Time	Room 1	Room 2	Roo	om 3	Room 4	Room 5	Room 6	Room 7
Time	GRB 101-102	GBR 103	GBR 10	04-105	Room 201	Room 202	Room 203	Auditorium
11:00 - 12:30 (90')	Interventional	Comprehensive Nephrology Education (Dialysis)		phrology Education lectrolyte)	Comprehensive Nephrology Education (Kidney Transplantation)	KSN Cooperative Study		
12:30 -13:30 (60')	Nephrology Hands On Session (Class 1, 2) *Class 1 will be held from 11:00 to 12:30. *Class 2 will be held	Industry Symposium 1 (Hanmi)		rmposium 2 erapeutics)	Industry Symposium 3 (Astellas Pharma Korea)			
13:30 - 15:00 (90')	from 13:30 to 15:00.	Comprehensive Nephrology Education (CKD)		phrology Education ar Disease)	Comprehensive Nephrology Education (AKI)	KSN Guideline	Nominees for APSN Young Nephrologist Awards	
15:00 - 15:30 (30')				Coffee Break ar	d Poster Visiting			
15:30 - 17:00 (90')			Oral Communications 1 (Acute Kidney Injury)	Oral Communications 2 (Kidney Transplantation)	Basic Research 1	Renal Conservative Care (Geriatrics 1)	Oral Communications 3 (Dialysis / Interventional Nephrology)	
17:00 - 17:30 (30')								Green Nephrology - A Position Statement and Recommendations for Sustainable Kidney Care
17:30 - 18:20 (50')								Plenary Lecture 1 (Katherine R. Tuttle
18:20 - 18:30 (10')								Break
18:30 - 21:00 (150')		Opening Ceremony & Welcome Reception						

### **FRIDAY, JUNE 14**

KOR -	ENG Interpretation	on ENG	i → KOR Interpretat	tion Or	al Communication	n & Room 6 (Englisl	h only)	Plenary Lecture &	Official Program
Time	Room 1	Room 2	Roo	om 3	Room 4	Room 5	Room 6	Room 7	Poster Exhibition
	GRB 101-102	GBR 103	GBR 10	04-105	Room 201	Room 202	Room 203	Auditorium	3F, Hall D
08:30 - 10:00 (90')	Acute Kidney Injury 1	Green Nephrology	Chronic Kidn	ney Disease 1	KSN Research Fund Project	Nutrition 1	Introduction of the International Society of Glomerular Disease 09:00-10:00		Exhibitor Spotlight 09:00-09:30 ALPINE Immune Sciences
10:00 - 10:30 (30')			Coffee	Break and Poster V	'isiting				Exhibitor Spotlight 10:00-11:00 Everest Medicines
10:30-12:00 (90')	Acute Kidney Injury 2	APSN-ISPD Joint Symposium 1	Chronic Kidn	ney Disease 2	Basic Research 2	Kidney Transplantation 1	Special Lecture (Tobias B. Huber)		Exhibitor Spotlight 11:00-12:00 Billy (BI+Lilly)
12:00 - 13:00 (60')	Industry Symposium 4 (HK inno.N)	Industry Symposium 5 (Baxter)	Industry Syi (Daewor		Industry Symposium 7 (SK chemicals)				
13:00-13:30 (30')								Award Ceremony (Priscilla Kincaid-Smith Award, Kirpal Chugh Award, Nephrology Journal Awards)	Exhibitor Spotlight 13:10-14:10 Bayer
13:30 - 14:20 (50')								Plenary Lecture 2 (Jonathan Barrat)	
14:20 - 15:00 (40')			Coffee Br	eak and Poster Pres	sentation				14:20 - 15:00 Poster Presentation
15:00 - 16:30 (90')	APSN-YNC Debate Session on Green Nephrology	Kidney Health Plan 2033	Oral Communications 4 (Dialysis 2)	Oral Communications 5 (Glomerulonephritis)	Oral Communications 6 (Basic Research)	Oral Communications 7 (Chronical Kidney Disease 1)	Satellite Symposium IgA Nephropathy		
16:30 - 17:00 (30')	Coffee Break and Poster Visiting								
17:00 - 18:30 (90')	Glomerulonephritis 1		Chronic Kidn (Diabetic Kid		Pediatric Nephrology 1	Renal Conservative Care (Geriatrics 2)			



### **SATURDAY, JUNE 15**

KOR –	→ ENG Interpretation	on ENG	i → KOR Interpreta	tion 0	ral Communicatio	n & Room 6 (Englis	sh only)	Plenary Lecture &	Official Progr
Time	Room 1	Room 2	Roo	m 3	Room 4	Room 5	Room 6	Room 7	Poster Exhibition
07:00 - 08:30 (90')	GRB 101-102	GBR 103	GBR 10	04-105	Room 201	Room 202	Room 203  Council Meeting of the KSN	Auditorium	3F, Hall D
	Glomerulonephritis 2	APSN - ISN Joint Symposium	Dialy (Hemod		Chronic Kidney Disease 4 (Hypertension and Vascular Biology)	Nutrition 2			
0:00 - 10:30 (30')			Coffee	Break and Poster \	/isiting				Exhibitor Spotlight 10:00-11:00 Daewon
10:30-12:00 (90')	Glomerulonephritis 3 (Pathology)	APSN-ISRNM Joint Symposium	10:20 Dialysis 2 (Perit		APSN-ESPN Joint Symposium	Kidney Transplantation 2	APSN-KDIGO Joint Symposium 1		Exhibitor Spotlight 11:00-12:00
	, <b>3</b> ,,		11:40- KSPD/KSN/JSPD						CSL Vifor
12:00 - 13:00 (60')	Industry Symposium 8 (Bayer Korea)	Industry Symposium 9 (Fresenius Medical Care)	Industry Syr (Kyowa Ki		Industry Symposium 11 (Nipro Dongduk Medical)				
13:00-13:30 (30')								Award Ceremony (Young Investigator Award, Haiyan Wang Lecture Award)	Exhibitor Spotlight 13:10-14:10 VUNO
13:30 - 14:20 (50')								Plenary Lecture 3 (Melissa Little)	
4:20 - 15:00 (40')			Coffee Br	eak and Poster Pre	sentation				14:20 - 15:00 Poster Presentation
15:00 - 16:30 (90')	Home Hemodialysis	APSN-KDIGO Joint Symposium 2	Oral Communications 8 (Nutrition/Green Nephrology)	Oral Communications 9 (Renal Conservative Care/Geriatrics)	Oral Communications 10 (Pediatrics/ Genetics)	Oral Communications 11 (Diabetic/ Hypertensive Kidney Disease)	Satellite Symposium ADPKD		
16:30 - 17:00 (30')	Coffee Break and Poster Visiting				KOR KSN General Assembly				
17:00 - 18:30 (90')	APSN-ISPD Joint Symposium 2	Advancing Nephrology Trials: The KSN Young Investigator Symposium	Interventiona	ıl Nephrology	Pediatric Nephrology 2	KORDS Report/ Dialysis Center Accreditation		Award Session 17:00-17:30	

### **SUNDAY, JUNE 16**

KOR → ENG Interpretation		ENG → KOR Interpretation		Oral Communication & Room 6 (English only)		Plenary Lecture & Official Progran	
Time	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7
	GRB 101-102	GBR 103	GBR 104-105	Room 201	Room 202	Room 203	Auditorium
08:30 - 10:00 (90')	Dialysis Specialist Physician Course 1	KOR Dialysis Nurse Course 1	KOR Education Symposium (Ethics) 08:30-10:30	KRCP The Current and the Future	Asian Nephrology Forum		
10:00 - 10:30 (30')	Coffe	e Break	Coffee Break		Kidney Transplantation Special Session 09:00-12:00		
10:30-12:00 (90')	Dialysis Specialist Physician Course 2	KOR Dialysis Nurse Course 2	APSN-ERAJoint Symposium	Disaster Response Symposium	APSN-APSDA-ASDIN Joint Symposium: Intervention Nephrology	53.55 12.66	
12:00-12:20 (20')		Closing Ceremony					



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Oral Communication & Room 6 (English only)

Plenary Lecture & Official Program

### **DAY 1 JUNE 13 (THU)**

11:00-15:00	Interventional Nephrology Hands On Session *Class 1 will be held from 11:00 to 12:30. *Class 2 will be held from 13:30 to 15:00.	ENG Room 1 (GBR 101-102)		
		Narae Joo Hanmaeum Hospital		
		Sangeon Gwoo Lifeline Vascular Clinic		
	Vascular Access US	<b>Jin Ho Lee</b> Leesin Hemodialysis and Intervention Clinic		
	vasculai Access 03	<b>YongSeon Choi</b> Bundang Jesaeng General Hospital		
		<b>Do Hyoung Kim</b> Hallym University Kangnam Sacred Heart Hospital		
		<b>Jeonghwan Lee</b> Seoul National University		
	Simulator (Vascular access BFR)	Chang Min Heo Inje University Haeundae Paik Hospital		
11:00-12:30, 13:30-15:00	Simulator (Catheter insertion)	<b>Hyung Duk Kim</b> The Catholic University of Korea, Eunpyeong St. Mary's Hospital		
	Lung US	In Soo Kim Hallym University Sacred Heart Hospital		
	IVC US	<b>Dong Hee Lee</b> Hallym University Sacred Heart Hospital		
	VeXUS (hepatic, portal V)	Hyung Seok Lee Hallym University Sacred Heart Hospital		
	vexos (riepatic, portar v)	Gwangho Choi Hallym University Chucheon Sacred Heart Hospital		
	VeXUS (renal,intrarenal,A V, RI)	Hoon Suk Park The Catholic University of Korea, Seoul St. Mary's Hospital		
	FoCUS	<b>Eun Jung Kim</b> Hallym University Dongtan Sacred Heart Hospital		
	Kidney US (kidney biopsy)	Hae Ryong Yun Yongin Severance Hospital		
11:00-12:30	Comprehensive Nephrology Education (Dialysis)	ENG→KOR Room 2 (GBR 103)		
Chair(s)	Sung Gyun Kim Hallym University Sacred Heart Hospital			
11:00-11:30	Dialysis Membranone in HD Beyond the Basic	Soonkil Kwon Chungbuk National University Hospital		

KOR → ENG	Interpretation ENG → KOR Interpretation Oral Communication & Room 6 (E	nglish only) Plenary Lecture & Official Program
11:30-12:00	Peritoneal Membrane Dysfunction: Evaluation and Management	<b>Jwa-kyung Kim</b> Hallym University Sacred Heart Hospital
12:00-12:30	Anemia Management in Patients on Dialysis: Current and Future Perspectives	Sung Gyun Kim Hallym University Sacred Heart Hospital
11:00-12:30	Comprehensive Nephrology Education (Fluid and Electrolyte)	ENG→KOR Room 3 (GBR 104-105)
Chair(s)	Gheun-Ho Kim Hanyang University Medical Center Soo Wan Kim Chonnam National University Hospital	
11:00-11:30	Molecular Basis for Renal Tubular Acidosis	<b>Tae-Hwan Kwon</b> Kyungpook National University School of Medicine
11:30-12:00	Sodium Intake and Chronic Kidney Disease: The Lower the Better?	<b>Ji Yong Jung</b> Gachon University Gil Medical Center
12:00-12:30	Benefits VS. Risks of Potassium Intake in Chronic Kidney Disease	Sang Heon Suh Chonnam National University Hospital
11:00-12:30	Comprehensive Nephrology Education (Kidney Transplantation)	ENG→KOR Room 4 (201)
Chair(s)	Jong Soo Lee Ulsan University Hospital	
11:00-11:30	What's New at 2022 Banff Meeting?	Yong-Jin Kim Kyungpook National University Hospital
11:30-12:00	Role of Complement Binding Assay	<b>Hye Eun Yoon</b> The Catholic University of Korea, Incheon St. Mary's Hospital
12:00-12:30	Optimal Maintenance Immunosuppression Regimen for Long Term Allograft Outcome	Kajohnsak Noppakun Chiang Mai University
11:00-12:30	KSN Cooperative Study	ENG→KOR Room 5 (202)
Chair(s)	Jin Seok Jeon Soonchunhyang University Seoul Hospital Hoon Young Choi Gangnam Severance Hospital	
11:00-11:30	[2022년 연구회지원사업] 당뇨병콩팥병 예후 예측을 위한 코호트 구축 The Korean Diabetic Kidney Disease (K-DKD) Cohort Study	Sang Youb Han Inje University Ilsan Paik Hospital
11:30-12:00	[2023년 열린재의료재단 기부금 연구] 인공신장실 재난대응시스템 구축을 위한 조사 연구 Development and Evaluation of a Disaster Response System for Hemodialysis Units: A Collaborative Study by the Korean Society of Nephrology	<b>Kyung Don Yoo</b> University of Ulsan College of Medicine
12:00-12:30	[2020년 한국보건의료연구원 과제/2023 협동연구과제] 만성콩팥병 환자 투석방법 선택을 위한 공동의사결정 임상시험 (SDM-ART) Shared Decision-Making Clinical Trial for Choosing Renal Replacement Therapy in Chronic Kidney Disease Patients	<b>Sejoong Kim</b> Seoul National University Bundang Hospital



KOR → ENG	Interpretation ENG → KOR Interpretation Oral Communication & Room 6 (E	nglish only) Plenary Lecture & Official Program
12:30-13:30	Industry Symposium 1 Hanmi	ENG→KOR Room 2 (GBR 103)
Chair(s)	Eun Young Seong Pusan National University Hospital Ki Ryang Nah Chungnam National University Hospital	
12:30-12:55	Optimal Comorbidity Management for CV Protection in Hypertensive Patients With Dyslipidemia	<b>Hyun Suk Kim</b> Hallym University Chucheon Sacred Hearth Hospital
12:55-13:20	Ideal Treatment Option to Manage LDL-C in CKD Patients	<b>Ji Yong Jung</b> Gachon University Gil Medical Center
13:20-13:30	Discussion	
12:30-13:30	Industry Symposium 2 (Vera Therapeutics) Targeting the Source of IgA Nephropathy: Focus on BAFF and APRIL Pathways	ENG→KOR Room 3 (GBR 104-105)
Chair(s)	Adrian Liew Mount Elizabeth Novena Hospital  Sydney Tang The University of Hong Kong	
12:30-12:45	Introduction	Adrian Liew Mount Elizabeth Novena Hospital
12:45-13:05	Overview of the Pathogenesis and The Role of Cytokines BAFF and APRIL in IgAN	Sydney Tang The University of Hong Kong
13:05-13:20	Atacicept: Investigative Therapies Targeting BAFF and APRIL	Adrian Liew Mount Elizabeth Novena Hospital
13:20-13:30	Q&A	
12:30-13:30	Industry Symposium 3 Astellas Pharma Korea	ENG→KOR Room 4 (201)
Chair(s)	Seungyeup Han Keimyung University Dongsan Medical Center	
12:30-13:30	What Is the Optimal Tacrolimus Trough Level to Maintain Renal Function in Transplant Recipients?	Hanbi Lee The Catholic University of Korea, Seoul St. Mary's Hospital
13:30-15:00	Comprehensive Nephrology Education (CKD)	ENG→KOR Room 2 (GBR 103)
Chair(s)	Hyo Wook Gil Soonchunhyang University Cheonan Hospital	
13:30-14:00	Prevention and Early Detection of Chronic Kidney Disease (CKD) in High-Risk Populations	So-Young Lee CHA University Bundang Medical Center
14:00-14:30	Blood Pressure Control and CV Complication Management in Chronic Kidney Disease (CKD) Patients: Balancing Risks and Benefits	Yaeni Kim The Catholic University of Korea, Seoul St. Mary's Hospital
14:30-15:00	Current Best Approaches for CKD: Prevention of CKD Progression and Related Complications	<b>Su Woong Jeong</b> Kyung Hee University Hospital at Gangdong

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13:30-15:00	Comprehensive Nephrology Education (Glomerular Disease)	ENG→KOR Room 3	(GBR 104-105)
Chair(s)	Hee Gyung Kang Seoul National University Hospital		
13:30-14:00	New Modalities to Treat IgA Nephropathy other than Systemic Immunosuppression	Yaerim Kim Keimyung University School of	Medicine
14:00-14:30	Recent Advance In Management Of FSGS	<b>Se Won Oh</b> Korea University Anam Hospita	
14:30-15:00	Management of TMA in Glomerular Disease	Sunhwa Lee Kangwon National University H	ospital
13:30-15:00	Comprehensive Nephrology Education (AKI)	ENG→KOR	Room 4 (201)
Chair(s)	Manish Kaushik Singapore General Hospital		
13:30-13:50	Global Epidemiology and Outcomes of AKI	Shin Young Ahn Korea University Guro Hospital	
13:50-14:10	Applications and Clinical Utility of AKI Biomarkers	Sadudee Peerapornrate Chulalongkorn University	ana
14:10-14:30	AKI in the Elderly: Challenges and Strategies for Care	<b>Hyung Woo Kim</b> Severance Hospital	
14:30-14:50	Nephrotoxin Stewardship and AKI Prevention	Sandra Kanes Gill University of Pittsburgh	
14:50-15:00	Q&A		
13:30-15:00	KSN Guideline	KOR→ENG	Room 5 (202)
Chair(s)	Sungjin Chung The Catholic University of Korea, Yeouido St. Mary's Hospital Jong Woo Yoon Hallym University Chucheon Sacred Hearth Hospital		
13:30-13:55	당뇨병콩팥병 진료지침 쟁점과 개정 방향의 제시 Issues and Update Directions of the KSN 2023 Diabetic Kidney Disease Guideline	Young Youl Hyun Kangbuk Samsung Hospital	
13:55-14:15	노인 말기콩팥병 신대체요법 결정에 대한 지침의 의의 Significance of Guidelines for Deciding on Renal Replacement Therapy for Elderly CKD Patients	Jae Won Yang Yonsei University Wonju Severa	nce Christian Hospital
14:15-14:40	인공신장실 감염관리 지침 개정판 해설 Revised Guidelines for Infection Control in Dialysis Units	Young-Ki Lee Hallym University Kangnam Sad	red Heart Hospital
14:40-15:00	우리말신장학용어집 소개 Korean Nomenclature Glossary for Clinical Nephrology	Gheun-Ho Kim Hanyang University Medical Ce	nter



KOR → ENG Interpretation ENG → KOR Interpretation Oral Communication & Room 6 (English only) Plenary Lecture & Official Program

13:30-15:00	Nominees for APSN Young Nephrologist Awards	Room 6 (203)		
Chair(s)	Kornchanok Vareesangthip Siriraj Hospital, Mahidol University  Jack Ng The Chinese University of Hong Kong			
13:30-13:39	Dicoumarol protects against kidney fibrosis by targeting caveolin-1 accelerated TGFRs degradation	Haoyi Zheng University of Macau		
13:39-13:48	Liver elasticity in elderly heart failure patient -the role of kidney in cardio-hepatic interaction-	<b>Hirohito Sugawara</b> Showa University Northern Yokohama Hospital		
13:48-13:57	Quantitative analysis of the vorticity of the flow and vascular access sounds in a pseudo-vessel stenosis model	KAZUMA SASAKI Faculty of Medical Technology, Department of Clinical Engineering and Medical Technology, Niigata University of Health and Welfare		
13:57-14:06	Antioxidative Activity of Synbiotic Beverage to Improve Oxidative Stress and Fraction Area of Degeneration and Necrosis in The Kidney Tissue of The Hyperlipidemic Rats Model	Rafik Prabowo Region General Hospital of Rokan Hulu		
14:06-14:15	Hyperuricemia Treatment Reduces ESKD Risk and Mortality in CKD Patients: A Causal Inference Analysis Using the G-Formula Approach	Ara Ko Seoul National University Hospital		
14:15-14:24	Role of Magnetic Resonance Elastography and biomarkers in Early Chronic Kidney Disease-A hospital based study	Naveen Kumar Medi Virinchi Hospitals, Hyderabad		
14:24-14:33	Level of Proteinuria Before and After Spironolactone in combination with Angiotensin-Converting Enzyme-Inhibitors or Angiotensin II Receptor Blockers in Filipinos with Chronic Kidney Disease: A Retrospective Cohort Study	Ellani Louise Huilar St. Luke's Medical Center - Global City		
14:33-14:42	Valsartan ameliorates tacrolimus-induced vascular injury via cellular senescence	<b>Lingyan Fei</b> Department of Nephrology, Center of Kidney and Urology the Seventh Affiliated Hospital, Sun Yat-sen University		
14:42-14:51	Nutrition Support Impact on Kidney Function in Renal Transplant Recipients: A Transition Phase Analysis	Nguyen Thu Ha 108 Military Central Hospital		
14:51-15:00	Rituximab therapy in childhood steroid-resistant nephrotic syndrome: an international, multi-centre study	Eugene Yu-hin Chan Hong Kong Children's Hospital		
15:00-15:30	Coffee Break and Poster Visiting			
15:30-17:00	Oral Communications 1 Acute Kidney Injury	Room 3 (GBR 104)		
Chair(s)	Won Min Hwang Konyang University Hospital Vin-Cent Wu National Taiwan University Hospital			
15:30-15:37	Flt3L from Tubular Epithelial Cells Drives Dendritic Cell Responses in Acute Kidney Injury: A Protective Mechanism for Novel Immunotherapeutic Strategies	<b>Na Li</b> Sun yat-sen unveristy		
	Effects of Dietary Salt Intake on Intrarenal Immune cells And Sodium	Kyungho Lee		

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15:44-15:51	Inhibition of PTP1b via milk exosome-mediated siRNA delivery is a novel therapeutic approach for acute kidney injury	Hochung Jang Korea Institute of Science and Technology (KIST)
15:51-15:58	FK506-Binding Protein 5 Regulated the Gut-Kidney Axis and Exhibited a Renal Protective Effect in Acute Kidney Injury Induced by Lipopolysaccharide	<b>Yu-Chin Huang</b> Taoyuan General Hospital, Ministry of Health and Welfare, Taoyuan 33004, Taiwan
15:58-16:05	Development of Machine Learning Models for Predicting CRRT in Bacteremia Patients Admitted to the ICU, with a Focus on the Impact of Vancomycin Administration using MIMIC-III data	Min Woo Kang Seoul National University Hospital
16:05-16:12	Tonsil-derived Mesenchymal Stem Cells preserve Renal Function and Fibrosis in Gentamicin-induced Acute Kidney Injury (AKI) by Alleviating Oxidative Stress and Apoptosis	<b>Dal-Ah Kim</b> Ewha Womans University Medical Center
16:12-16:19	Development and Validation of an Artificial Intelligence Model for the Prediction of Acute Kidney Injury, Acute Kidney Disease, and Chronic Kidney Disease After General Anesthesia Surgery	<b>Jiwon Min</b> The Catholic University of Korea Bucheon St. Mary's Hospital
16:19-16:26	Outcomes of Continuous Renal Replacement Therapy Versus Peritoneal Dialysis as a Renal Replacement Therapy Modality in Patients Undergoing Extracorporeal Membrane Oxygenation	Peerapat Thanapongsatorn Thammasat University Hospital
16:26-16:33	Computed Tomography-Measured Subcutaneous Adiposity as Protective Factor in Patients with Sepsis-Associated Acute Kidney Injury Undergoing Continuous Renal Replacement Therapy	Haeun Lee Presbyterian Medical Center
16:33-16:40	Optimal Early Systolic Blood Pressure and Renal Outcome of Sepsis- associated Acute Kidney Injury in Non-critically III Patients: A Retrospective Cohort Study	Teerawat Sriwalosakul Division of Nephrology, Department of Internal Medicine, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
16:40-16:47	The Impact of the Visceral-to-Subcutaneous Adipose Tissue Ratio on Renal Function Assessment after Nephrectomy in Kidney Donors	Hyeran Park The Catholic University of Korea Seoul St. Mary's Hospital
15:30-17:00	Oral Communications 2 Kidney Transplantation	Room 3 (GBR 105)
Chair(s)	Henry Pleass The University of Sydney  Hye Eun Yoon The Catholic University of Korea, Incheon St. Mary's Hospital	
15:30-15:37	The investigation of metabolic profile to differentiate chronic versus acute renal allograft rejection using nuclear magnetic resonance (NMR)-based serum metabolomics	Mantabya Singh SGPGIMS
15:37-15:44	Discovering the mechanism of tacrolimus induced pancreatic beta cell injury by using single-cell RNAseq analysis	Sang Hun Eum Incheon St. Mary's Hospital, The Catholic University of Kore
15:44-15:51	The Prospective Multicenter pOKRA Study: Diagnosing Allograft Rejection via Combined Novel biomarkers and Linking Donor-Derived Cell-Free DNA to Interstitial Fibrosis and Tubular Atrophy Severity in Pediatric Kidney Transplant Rejection	Vikas Dharnidharka Washington University School of Medicine in Stlouis
15:51-15:58	Discovering Molecular Signatures in ATMR: Single-cell RNA-sequencing Analysis of Human Blood and Tissue Spatial Transcriptomics	Jeongin Song Dongguk University Ilsan Hospital

15:30-15:50

Dialysis Care for the Patient's Entire Life



### **Detailed Program**

KOR → ENG Interpretation ENG → KOR Interpretation Plenary Lecture & Official Program Oral Communication & Room 6 (English only) Akhilesh Jaiswal Synergy of PDE5-inhibitor and 5-HT2B receptor Mitigates Fibrotic 15:58-16:05 Sanjay Gandhi Post Graduate Institute of Medical Sciences, Potential of Human Renal Allograft Fibroblasts Lucknow, India Hee Byung Koh Bisphosphonates as a Tacrolimus-Sparing Strategy in Kidney 16:05-16:12 Catholic Kwandong University International St. Mary's Transplantation Hospital Suyeon Hong Impact of Recipient-Donor Body Mass Index Mismatch on Deceased 16:12-16:19 The Catholic University of Korea Uljeongbu St. Mary's donor kidney transplantation Hospital Early Hemoglobin Levels after Kidney Transplantation Predict Clinical You Hyun Jeon 16:19-16:26 **Outcomes: A Nationwide Cohort Study** Kyungpook National University Hospital Comparison of the Survival Outcomes Between Kidney Transplant and Guohua He 16:26-16:33 Dialysis in Patients with Previous Cancer Diagnosis The First Affiliated Hospital, Sun Yat-sen University Impact of Cold Ischemic Time on Deceased Donor Kidney Transplants: Nuttasith Larpparisuth 16:33-16:40 Pioneering Asian Paired Donor Kidney Analysis Faculty of Medicine Siriraj Hospital, Mahidol University Determining The Role Of Complement Pro-Inflammatory Factors Stephen Marks 16:40-16:47 And Regulatory Proteins In Antibody-Mediated Rejection (ABMR) In UCL Great Ormond Street Institute of Child Health, London, **Paediatric Kidney Transplant Recipients** Battsetseg Gonchigjav 16:47-16:54 Organ Procurement Organization Structure and Function in Mongolia Regulatory Department of Cell, Tissue and Organ Transplantation Center for Health Development **Basic Research 1** 15:30-17:00 Room 4 (201) **ENG→KOR Renal Genomics** Chair(s) Heon Yung Gee Yonsei University College of Medicine **Daw-Yang Hwang** Genetics of ADPKD, ADTKD, and Adult Proteinuria 15:30-15:50 National Institute of Cancer Research Navigate Childhood Kidney Disease through Genotyping and Jia Rao 15:50-16:10 Phenotyping Children's Hospital of Fudan University **Hugh McCarthy** 16:10-16:30 Genomic Diagnostics in Nephrology University of Sydney Beom Hee Lee 16:30-16:50 Clinical Application of Genome Testing in Kidney Disease Asan Medical Center 16:50-17:00 O&A **Renal Conservative Care (Geriatrics 1)** 15:30-17:00 Room 5 (202) **ENG→KOR** Conservative Care in Kidney Patients Bum Soon Choi The Catholic University of Korea, Eunpyeong St. Mary's Hospital Chair(s) Eun Hui Bae Chonnam National University Hospital

Ikuto Masakane

Yahuki Hospital

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15:50-16:10	Conservative Kidney Management: When Why and For Whom?	Chenlei-Kelly Li St George Hospital
16:10-16:30	Treatment Preferences for Serious Illness Among Patients Receiving Peritoneal Dialysis	Chun-Fu Lai National Taiwan University Hospital
16:30-16:50	Elderly Dialysis vs Conservative Treatment: Cochran Review	Jae Won Yang Yonsei University Wonju Severance Christian Hospital
16:50-17:00	Q&A	
15:30-17:00	Oral Communications 3 Dialysis/Interventional Nephrology	ENG Room 6 (203
Chair(s)	Hoon Suk Park The Catholic University of Korea, Seoul St. Mary's Hospital Khurtsbayar Damdinsuren The First Central Hospital	
15:30-15:37	Post-dialysis Fatigue And Symptom Burden Among Maintenance Hemodialysis Patients: A Multi-centre Study	Muhammad Ali Amanullah Nephrology
15:37-15:44	Utility of Calcaneal Quantitative Ultrasound in Evaluating Bone Mineral Density in Patients on Peritoneal Dialysis	Gordon Chun Kau Chan The Chinese University of Hong Kong
15:44-15:51	One-year clinical course of patients initiating hemodialysis for kidney disease associated with plasma cell dyscrasia	Seung Min Song Samsung Medical Center
15:51-15:58	Comparison of Bleeding Complications between Selective Serotonin Reuptake Inhibitors and Other Antidepressant Use among End-Stage Kidney Disease Patients	<b>Jun Young Lee</b> Wonju Severance Christian Hospital
15:58-16:05	High Malondialdehyde Predicts Inadequate Erythropoietin Therapeutic Response in Regular Hemodialysis Patients	Gede Wira Mahadita  Nephrology and Hypertension Division, Faculty of Medicine Udayana University, Prof. IGNG Ngoerah Gener Hospital, Denpasar-Bali
16:05-16:12	Factors Affecting Unplanned Dialysis Initiation - A Cross-Sectional Survey On Patient-Identified Barriers	Samantha Hui Ling Cheong National University Hospital, Singapore
16:12-16:19	Ultrasound Guided Endo-vascular Procedures - "Revisiting an Old Friend" - Experience from a Tertiary Care Center in South India	ATHISH M N RGUHS
16:19-16:26	Sharp recanalization with transseptal needle for failure standard recanalization in chronic central vein occlusion	KEERATI HONGSAKUL Prince of Songkla University
16:26-16:33	Severe Left Ventricular Dysfunction after Flow Reduction Operation for High-flow Fistula in a Hemodialysis Patient and Recovery Trajectory of 3years	Narae Joo Hanmaeum Hospital
16:33-16:40	Patency of hemodialysis vascular access in the elderly over 80 years of age	Hyung Duk Kim The Catholic University of Korea Eunpyeong St. Mary's Hospital
16:40-16:47	Efficacy of Peritoneal Dialysis Catheter Partial Replantation in Managing Catheter-Related Infection and Mechanical Damage	Seyoung Ryou The Catholic University of Korea Seoul St. Mary's Hospita



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17:00-17:30	Green Nephrology - A Position Statement and Recommendations for Sustainable Kidney Care	ENG→KOR Room 7 (Auditorium)
MC	Gang Jee Ko Korea University Guro Hospital	
17:00-17:05	Background for Implementation of "Green Nephrology" in KSN	
17:05-17:20	Establishment of "Environmentally Sustainable Design (ESD) Guidelines for Kidney Care Facilities" in Australian and New Zealand Society of Nephrology (ANZSN)	Sharon Ford Deputy Director Nephrology, Austin Health
17:20-17:30	A Position Statement and Recommendations for Sustainable Kidney Care From KSN	Gang Jee Ko Korea University Guro Hospital
17:30-18:20	Plenary Lecture 1	ENG→KOR Room 7 (Auditorium)
Chair(s)	Chun Soo Lim Seoul National University Lily Mushahar Hospital Tuanku Ja'afar	
17:30-18:20	Kidney Health and CKD Prevention Herald a Sea Change in Nephrology	Katherine R. Tuttle University of Washington
18:20-18:30	Break	
18:30-21:00	Opening Ceremony & Welcome Reception	Room 7 (Auditorium)

## **Detailed Program**

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Oral Communication & Room 6 (English only)

Plenary Lecture & Official Program

#### **DAY 2 JUNE 14 (FRI)**

08:30-10:00	Acute Kidney Injury 1 Comprehensive Insights into AKI Management	ENG→KOR Room 1 (GBR 101-102)
Chair(s)	Seung Seok Han Seoul National University Hospital Nattachai Srisawat Chulalongkorn University	
08:30-08:50	Volume Measurement and Management in AKI	<b>Jung Nam Ahn</b> Hallym University Sacred Heart Hospital
08:50-09:10	Management of Sepsis Associated AKI	<b>Kent Doi</b> The University of Tokyo Graduate School of Medicine
09:10-09:30	Progression from AKD or AKI to CKD: Mechanisms and Clinical Implications	Vin-Cent Wu National Taiwan University Hospital
09:30-09:50	Post-AKI Survivors Care: Who, When and How?	Nattachai Srisawat Chulalongkorn University
09:50-10:00	Q&A	
08:30-10:00	Green Nephrology	ENG→KOR Room 2 (GBR 103)
Chair(s)	Duk-Hee Kang Ewha Womans University Seoul Hospital Kyungho Choi Seoul National University	
08:30-08:50	Optimisation of Water Treatment in Haemodialysis Units for Water and Energy Savings	Shaundeep Sen Concord Repatriation General Hospital
08:50-09:10	Residential Green and Kidney Diseases	<b>Jer Ming Low</b> Hospital Sultan Haji Ahmad Shah
09:10-09:30	Air Pollution and Kidney Disease: Mechanisms Proposed for the Effect of Particulate Matter on Renal Health	<b>Duk-Hee Kang</b> Ewha Womans University Seoul Hospital
09:30-09:50	Integrating Telemedicine in Green Nephrology: Building a Sustainable Big Data and AI Ecosystem for Intelligent Kidney Care	Joseph Chin-Chi Kuo China Medical University
09:50-10:00	Q&A	
08:30-10:00	<b>Chronic Kidney Disease 1</b> Advances in Understanding the Mechanisms and Therapies for Kidney Fibrosis	ENG→KOR Room 3 (GBR 104-105)
Chair(s)	Yusuke Suzuki Juntendo University Faculty of Medicine Desmond Yat Hin Yap Queen Mary Hospital	
08:30-08:50	Understanding the Mechanism of Interstitial Fibrosis in the Kidney	Yasunori lwata Kanazawa University
08:50-09:10	Unraveling the Role of YAP/TAZ Signaling in Kidney Fibrosis	Seunghyeok Choi The Catholic University of Korea Seoul St. Mary's Hospital
09:10-09:30	Gut Dysbiosis and CKD	Sang-Kyung Jo Korea University Anam Hospital



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09:30-09:50	The Injury Mechanism and Possible Treatment Options for Podocytes in CKD	Katsuhiko Asanuma Chiba University Graduate School of Medicine		
09:50-10:00	Q&A			
08:30-10:00	KSN Research Fund Project	ENG→KOR Room 4 (201)		
Chair(s)	Byung Ha Chung The Catholic University of Korea Seoul St. Mary's Hospital Hoon Young Choi Gangnam Severance Hospital			
08:30-08:37	Gait of CKD Patients	<b>Hyun Suk Kim</b> Hallym University Chucheon Sacred Hearth Hospital		
08:37-08:44	Elucidation of Podocyte Apoptosis Mechanisms in Diabetic Nephropathy Using Multi-omics Approaches	<b>Ju-Young Moon</b> Kyung Hee University Hospital at Gangdong		
08:44-08:51	Vitamin D as a Molecular Treatment Candidate to Prevent Vascular Access Stenosis in Hemodialysis Patients	<b>Jung Hwa Ryu</b> Ewha Womans University Seoul Hospital		
08:51-08:58	Modeling of Endothelial Cell Dysfunction Using Patient-Derived Induced Pluripotent Stem Cells	Hanbi Lee The Catholic University of Korea, Seoul St. Mary's Hospital		
08:58-09:05	Identification of DICAM's Role and Pathophysiological Mechanism in Acute Kidney Injury	<b>Jeong-Hoon Lim</b> Kyungpook National University Chilgok Hospital		
09:05-09:12	Standards for Facilities and Operations for Infection Control in Hemodialysis Units in Korea	Won Min Hwang Konyang University Hospital		
09:12-09:19	Expression of Lysyl Oxidase Related Protein and Effect of Lysyl Oxidase Inhibition in Cyclosporine Induced Nephropathy Mouse Model	<b>Hyo Jeong Kim</b> Gangnam Severance Hospital		
09:19-09:26	Role of B Cell Metabolism in Ischemic Acute Kidney Injury Repair	<b>Kyungho Lee</b> Samsung Medical Center		
09:26-09:33	Improvement of Blood Glucose Levels and Variability Using Continuous Glucose Monitoring in Chronic Kidney Disease With Diabetes	<b>Sua Lee</b> Daejeon Eulji Medical Center, Eulji University		
09:33-09:40	The Effect of HNF4A on Podocytes	<b>Su Woong Jeong</b> Kyung Hee University Hospital at Gangdong		
09:40-09:47	Single Cell Transcriptomics in Childhood Onset Lupus Nephritis	Seong Heon Kim Seoul National University Hospital		
09:47-09:54	Necrox-7 Improves Kidney Tissue Damage Caused by Fibrosis During Renal Ischemia-Reperfusion	Young Rok Ham Chungnam National University Hospital		
08:30-10:00	Nutrition 1 Diet Intervention in CKD	ENG→KOR Room 5 (202)		
Chair(s)	Gang Jee Ko Korea University Guro Hospital Kamyar Kalantar-Zadeh Harbor-UCLA Medical Center			
08:30-08:50	Dietary Risk Factors for CKD: Result from Prospective Cohort	<b>Young Su Joo</b> Yongin Severance Hospital		
08:50-09:10	Finding the Sweet Spot: The Role of Diet in Diabetic Kidney Disease	Connie Rhee University of California, Los Angeles		

KOR → ENG I	nterpretation ENG → KOR Interpretation Oral Communication & Room 6 (Er	nglish only) Plenary Lecture & Official Program
09:10-09:30	Should Plant Based Diet be the Preferred Dietary Approach to Ketoanalogue-supplemented Diet in CKD?	K S Nayak Virinchi Hospitals
09:30-09:50	Plant Based Diet and Mediterranean Style Diet	Kelly Lambert University of Wollongong
09:50-10:00	Q&A	
09:00-10:00	Introduction of the International Society of Glomerular Disease	ENG Room 6 (203)
09:00-09:10	Welcome and Get Together	
09:10-09:25	Perspectives of the ISGD	<b>Tobias B. Huber</b> President of ISGD
09:25-09:30	Brief Introduction of ISGD Centers of Excellence	Sydney Tang ISGD Committee Lead, President of APSN
09:30-09:35	Welcome Remark	Hyeong Cheon Park APSN Honorary Secretary
09:35-09:50	Short Presentation by the KSN's Glomerular Disease Working Group	<b>Sehoon Park</b> Seoul National University Hospital
09:50-10:00	Discussion and Get Together	
10:00-10:30	Coffee Break and Poster Visiting	
10:30-12:00	Acute Kidney Injury 2 Enhancing the CRRT Practice to Improve Outcomes	ENG→KOR Room 1 (GBR 101-102)
Chair(s)	Sejoong Kim Seoul National University Bundang Hospital Marlies Ostermann King's College Hospital	
10:30-10:50	KSN Recommendations for CRRT Management	Sejoong Kim Seoul National University Bundang Hospital
10:50-11:10	Updates on Current Ongoing Clinical Trials in CRRT	<b>Kathleen Liu</b> University of California San Francisco
11:10-11:30	Citrate Anticoagulation in Crrt: How to Monitor?	Marlies Ostermann King's College Hospital
11:30-11:50	How to Run CRRT in ECMO Patients?	Manish Kaushik Singapore General Hospital
11:50-12:00	Q&A	
10:30-12:00	APSN-ISPD Joint Symposium 1 Outcomes of PD: Where Are We Over the Years?	ENG→KOR Room 2 (GBR 103)
Chair(s)	Adrian Liew Mount Elizabeth Novena Hospital Yong-Lim Kim Kyungpook National University Hospital	
10:30-10:50	Advantages of PD Over HD: Patient-reported Outcomes	<b>Yeoungjee Cho</b> Princess Alexandra Hospital



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10:50-11:10	Advantages of PD Over HD: Clinical Outcomes	<b>Jeong-hoon Lim</b> Kyungpook National University Chilgok Hospital	
11:10-11:30	Outcomes of EPS: What Can Be Done?	<b>Sunita Bavanandan</b> Hospital Kuala Lumpur	
11:30-11:50	How to Achieve Improvement of PD Penetration?	Talerngsak Kanjanabuch King Chulalongkorn Memorial Hospital	
11:50-12:00	Q&A		
10:30-12:00	Chronic Kidney Disease 2 Translational Research and Nover Therapeutic Targets in CKD	ENG→KOR Room 3 (GBR 104-105)	
Chair(s)	Cheuk Chun Szeto The Chinese University of Hong Kong Kook-Hwan Oh Seoul National University Hospital		
10:30-10:50	GWAS Studies in Chronic Diseases	Soo Heon Kwak Seoul National University Hospital	
10:50-11:10	Proteomics in CKD	Eugene Rhee Massachusetts General Hospital	
11:10-11:30	Stem Cells and Chronic Kidney Disease	Cai-Mei Zheng Taipei Medical University Shuang-Ho Hospital	
11:30-11:50	Tertiary Lymphoid Tissues: A Novel Kidney Inflammation Marker and Therapeutic Target	Motoko Yanagita Kyoto University	
11:50-12:00	Q&A		
10:30-12:00	Basic Research 2 For Kidney Disease	ENG→KOR Room 4 (201)	
Chair(s)	Carol Pollock North Shore Private Hospital Reiko Inagi The University of Tokyo Graduate School of Medicine		
10:30-10:50	Stem Cells as Therapy in AKI	Xin-Ming Chen University of Sydney	
10:50-11:10	Organelle Cross Talk on Kidney Cell Fate	<b>Reiko Inagi</b> The University of Tokyo Graduate School of Medicine	
11:10-11:30	Kidney Organoids Uses and Limitations	Yun Xia Nanyang Technology University	
11:30-11:50	Targeting the Beta-Catenin/TCF/Foxo1 Axis for Treatment of CKD	Guoping Zheng University of Sydney	
11:50-12:00	Q&A		
10:30-12:00	<b>Kidney Transplantation 1</b> Advances in Diagnostics and Treatment in Kidney Transplantation	ENG→KOR Room 5 (202)	
Chair(s)	Chul Woo Yang The Catholic University of Korea, Seoul St. Mary's Hospital Chan-Duck Kim Kyungpook National University Hospital		
10:30-10:50	Clinical Significance of Molecular Matching	<b>Eun-Jee Oh</b> The Catholic University of Korea Seoul St. Mary's Hospital	

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0:50-11:10	Performance Characteristics of Cell Free DNA	Vikas Dharn Washington Univ	idharka versity School of Medicine in St.Louis
1:10-11:30	Advances in Anti-humoral Therapy	Jaeseok Yan Severance Hospi	
1:30-11:50	Cellular Therapies in Kidney Transplantation	Stephen Ale Children's Hospit	
1:50-12:00	Q&A		
0:30-12:00	Special Lecture	ENG	Room 6 (203
Chair(s)	Ho Jun Chin Seoul National University Bundang Hospital Yaerim Kim Keimyung University School of Medicine		
0:30-11:00	Nephrin Autoantibodies in Idiopathic Nephrotic Syndrome: Mechanism, Marker, Clinical Implications	Tobias B. Hu University Medic	<b>iber</b> al Center Hamburg-Eppendorf
1:00-12:00	Extended Discussion		
2:00-13:00	Industry Symposium 4 HK inno.N	ENG→KOR	Room 1 (GBR 101-102
Chair(s)	Kwon Wook Joo Seoul National University Hospital		
2:30-13:30	Clinical Implications of Uremic Toxins and AST-120	Ran-hui Cha National Medical	
2:00-13:00	Industry Symposium 5  Baxter	ENG→KOR	Room 2 (GBR 103
Chair(s)	Yong-Lim Kim Kyungpook National University Hospital		
2:00-12:30	The Future of PD: PD in 2024 and Beyond	Rajnish Meh University of Was	nrotra shington School of Medicine
2:30-13:00	Remote Monitoring, Maximizes Patient Management   Sharesource & MyPD	Yong Chul K Seoul National U	<b>(im</b> niversity Hospital
2:00-13:00	Industry Symposium 6 Daewon Pharm	ENG→KOR	Room 3 (GBR 104-105
Chair(s)	Eun Hui Bae Chonnam National University Hospital		
2:00-13:00	Uremic Toxins as a Potential Therapeutic Target for Kidney, Heart, and Beyond	Jwa-kyung Hallym Universit	<b>Kim</b> y Sacred Heart Hospital
2:00-13:00	Industry Symposium 7 SK chemicals	ENG→KOR	Room 4 (201
Chair(s)	Ho Sik Shin Kosin University Gospel Hospital		
2:00-13:00	Nafamostat as an Anticoagulant on CRRT	Jung Nam A	<b>.hn</b> y Sacred Heart Hospital



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13:00-13:30	Award Ceremony (Priscilla Kincaid-Smith Award)	ENG	Room 7 (Auditorium)
13:00-13:10			
13:00-13:30	Award Ceremony (Kirpal Chugh Award)	ENG	Room 7 (Auditorium)
13:10-13:20			
13:00-13:30	Award Ceremony (Nephrology Journal Awards)	ENG	Room 7 (Auditorium)
13:20-13:30			
13:30-14:20	Plenary Lecture 2	ENG→KOR	Room 7 (Auditorium)
Chair(s)	Seung Hyeok Han Severance Hospital Sydney Tang The University of Hong Kong		
13:30-14:20	How will Treatment for IgA Nephropathy Evolve over the Next 5 Years?	Jonathan Barratt Leicester General Hospital	
14:20-15:00	Coffee Break and Poster Presentation		
14:20-15:00	Best Poster Presentation 1	ENG	<b>Exhibition Hall</b>
Chair(s)	Hyung Woo Kim Severance Hospital Chan-Young Jung Asan Medical Center Chung Hee Baek Asan Medical Center		
14:20-14:24	Inhibition of PCSK9 attenuates renal lipotoxicity by activating the AMPK-PGC-1a-FoxO3a signaling in diabetic kidney disease	Yu Ah Hong The Catholic Univ Hospital	ersity of Korea Daejeon St. Mary's
14:24-14:28	Synergistic Effects of Folate and Riboflavin on Vascular Calcification Amelioration in Uremic Rats	Shin Young A Korea University C	
14:28-14:32	Association of Uremic Toxins with Immunosenescence in Patients with Chronic Kidney Disease	Ting-Yun Lin Taipei Tzu Chi Hos	
14:32-14:36	Comparison between the Frequency of Interventional Procedures for Flow-related Dysfunction in Tapered Grafts and Straight Grafts: Analysis Based on the Korean National Health Insurance Database from 2011 to 2018	<b>Jin Ha Jang</b> Hallym University	Sacred Heart Hospital
14:36-14:40	Reducing Water Usage, Carbon Emissions, and Waste Generation in Dialysis Units: A Closed-Loop Water Recycling Approach for Sustainable Renal Care	Sahnaz Vivin International Univ	da Putri rersity Semen Indonesia
14:40-14:44	Al-Driven Precision Nutrition for Chronic Kidney Disease Management Through Machine Learning Prediction of Phosphorus Bioavailability	Rifaldy Fajar Karlstad Universit	у

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15:00-16:30	APSN-YNC Debate Session on Green Nephrology PD Is More Environmental Friendly Than HD: PD Can Save the Earth, Not HD!	ENG→KOR Room 1 (GBR 102
Chair(s)	Kornchanok Vareesangthip Siriraj Hospital, Mahidol University Jihyun Yang Kangbuk Samsung Hospital	
Judge(s)	Jack Ng The Chinese University of Hong Kong Lydia Kamaruzaman University Kebangsaan Malaysia Hyeong Cheon Park Gangnam Severance Hospital Lily Mushahar Hospital Tuanku Ja'afar Yong Chul Kim Seoul National University Hospital	
15:00-15:10	Introduction to APSN-YNC	Kornchanok Vareesangthip Siriraj Hospital, Mahidol University
		<b>Jihyun Yang</b> Kangbuk Samsung Hospital
15:10-15:20	Introduction to the APSN-YNC Debate Session (Topic, Team, Rules)	Kornchanok Vareesangthip Siriraj Hospital, Mahidol University
	Debates: Proposition VS Opposition	PROPOSITION Arunkumar Subbiah All India Institute of Medical Sciences Winston Fung
		The Chinese University of Hong Kong  Jer Ming Low
15:20-15:50		Hospital Sultan Haji Ahmad Shah  Phunphai Somkearti  Chiang Mai University
		OPPOSITION Fan-Chi Chang National Taiwan University Hospital
		Solos Jaturapisanukul Vajira Hospital Navamindradhiraj University
		<b>Ji-Won Min</b> The Catholic University of Korea, Bucheon St. Mary's Hospital
15:50-16:00	Audience Participation (Floor Discussion)	
16:00-16:10	Wrap up From Each Team Leader	<b>Duk-Hee Kang</b> Ewha Womans University Seoul Hospital
10.00-10.10	wiap up i loili Lacii ieaili Leauci	Muh Geot Wong Concord Repatriation General Hospital
16:10-16:30	Announce the Winning Team and the Best Debater	Sydney Tang The University of Hong Kong



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15:00-16:30	Kidney Health Plan 2033	ENG→KOR Room 2 (GBR 103
Chair(s)	Chun Soo Lim Seoul National University Sydney Tang The University of Hong Kong	
15:00-15:20	Progress of KHP2033 in Korea	Sun-Hee Park Kyungpook National University Hospital
15:20-15:40	International Efforts Against CKD Pandemic	Masaomi Nangaku The University of Tokyo Graduate School of Medicine
15:40-16:00	Past, Present, and Future of Policies for Chronic Disease Control	<b>Eun-kyung Jeong</b> Seoul National University College of Medicine
16:00-16:20	Policies to Reduce Medical Costs in ESKD Care. Experience With PD First Policy	Philip Kam-Tao Li Prince of Wales Hospital
16:20-16:30	Q&A	
15:00-16:30	Oral Communications 4 Dialysis 2	ENG Room 3 (GBR 104
Chair(s)	Vuddhidej Ophascharoensuk Chiang Mai University Thailand Soonkil Kwon Chungbuk National University Hospital	
15:00-15:07	Effect of Expanded Hemodialysis with Theranova Dialyzer on Preservation of Residual Kidney Function: The THREAD Randomized Controlled Trial	Jeong-Hoon Lim Kyungpook National University Medical Center
15:07-15:14	Comparison Of Evocalcet With Cinacalcet In East Asian Patients With Severe Secondary Hyperparathyroidism Undergoing Hemodialysis: A Post-Hoc Analysis Of ORCHESTRA Study	<b>Tak Mao Daniel Chan</b> The University of Hong Kong
15:14-15:21	Diagnosis of heart failure with preserved ejection fraction in hemodialysis patients by heart failure scoring system, a retrospective- cohort study	<b>JIHOON PARK</b> Kyung Hee University Hospital at Gangdong
15:21-15:28	Development of a Real-time Autonomous Ultrafiltration Control Agent Using Deep Reinforcement Learning	Min Woo Kang Seoul National University Hospital
15:28-15:35	Calcification of branches is superior to abdominal aortic calcification in predicting mortality of hemodialysis patients	<b>Wen Shi</b> Zhong Da Hospital, School of Medicine, Southeast University, Nanjing, Jiangsu, China
15:35-15:42	Anticoagulation in patients with end-stage kidney disease and atrial fibrillation: a national population-based study	<b>Jun Young Lee</b> Wonju Severance Christian Hospital
15:42-15:49	Hemoglobin, albumin, lymphocyte, and platelet (HALP) score predicts the clinical prognosis of patients with end-stage kidney disease on hemodialysis	<b>Jin Sug Kim</b> Kyung Hee University Medical Center
15:49-15:56	Interdialytic blood pressure variability and all-cause mortality in patients undergoing maintenance hemodialysis: a multicenter study using the DialysisNet	<b>Hyo Jin Kim</b> Pusan National University Hospital

Detai	ieu r rogram	
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15:56-16:03	Potential role of cytokines, adhesion molecules, and Toll-like receptors predicting relapsing peritonitis in peritoneal dialysis patients.	Mantabya Singh SGPGIMS
16:03-16:10	Influence of Serum Klotho level on Mortality in Hemodialysis Patients	Sherzod Abdullaev Republican specialized scientific and practical medical center of nephrology and kidney transplantation
16:10-16:17	Prognostic Utilty of Monocyte-to-Lymphocyte Ratio for All-Cause Mortality in Patients with Chronic Kidney Disease on Maintenance Hemodialysis: A Single Retrospective Cohort Study From North Sumatera, Indonesia	<b>Riri Andri Muzasti</b> Faculty of Medicine, University of North Sumatera
16:17-16:24	Association between absolute blood volume based on dialysate dilution and body composition using bioimpedance analysis of patients undergoing hemodialysis	<b>Tanaka Tomoyuki</b> Jikei University of Health Care Scicences
15:00-16:30	Oral Communications 5 Glomerulonephritis	Room 3 (GBR 105)
Chair(s)	Se Won Oh Korea University Anam Hospital  Jicheng Lv Peking University First Hospital	
15:00-15:07	Hematuria Resolution with the APRIL-Blocking Monoclonal Antibody, Sibeprenlimab, in Patients with IgA Nephropathy in a Phase 2 Randomized Controlled Trial	Muh Geot Wong Concord Repatriation General Hospital
15:07-15:14	Single-nucleus RNA-seq reveals cell-type specific molecular signatures and links to genome-wide risk variants of IgA nephropathy	Jeong Min Cho Seoul National University Hospital
15:14-15:21	Updated Results from the RUBY-3 Study of Povetacicept, an Enhanced Dual BAFF/APRIL Antagonist, in Autoantibody-Associated Glomerulonephritis	<b>Jonathan Barratt</b> University of Leicester
15:21-15:28	Investigation of molecular insights into the disease-specific pathophysiology of IgA nephropathy using the single cell RNA-sequencing analysis	Soojin Lee Eulji University Hospital
15:28-15:35	SBP1-associated pathogenesis in IgA nephropathy	Samel Park Soon Chun Hyang University Cheonan Hospital
15:35-15:42	Single Nucleus RNA-sequencing and Mendelian Randomization Analysis of IgA Nephropathy Progression from Onset to Chronic Kidney Disease	<b>Junpeng You</b> The First Affiliated Hospital of Zhengzhou University
15:42-15:49	Dapagliflozin alter EVs miRNAs in patients with IgA nephropathy	Kootae Park Soon Chun Hyang University Seoul Hospital
15:49-15:56	Clinicopathologic Features and Long-Term Prognosis of Lupus Podocytopathy	<b>Yuhan Su</b> The First Affiliated Hospital of Sun Yat-sen University
15:56-16:03	Immunosuppression Response and Relapse among a Diverse Cohort of Adults with Primary Focal Segmental Glomerulosclerosis (FSGS) in the United States	<b>John Sim</b> Kaiser Permanente Los Angeles Medical Center



KOR → ENG	Interpretation ENG → KOR Interpretation Oral Communication & Room 6 (En	glish only) Plenary Lecture & Official Program
16:03-16:10	Optimizing Management of Immune Checkpoint Inhibitor-Induced Renal Events: The Role of Kidney Biopsies	Sojung Youn The Catholic University of Korea Bucheon St. Mary's Hospital
16:10-16:17	Clinical Profile And Outcomes Of Atypical Haemolytic Uremic Syndrome in a resource limited setting: A Retrospective, Single-center Study	Vamsidhar Veeranki Assistant Professor
16:17-16:24	Deep Reinforcement Learning-Based Personalized Treatment Strategies for IgA Nephropathy	<b>Rifaldy Fajar</b> Karlstad University
15:00-16:30	Oral Communications 6 Basic Research	ENG Room 4 (201)
Chair(s)	Tae-Hyun Yoo Severance Hospital Carol Pollock North Shore Private Hospital	
15:00-15:07	Targeting VEGF isoform change by VEGF188 inhibition ameliorates kidney fibrosis through attenuating inflammation	Fan-Chi Chang National Taiwan University Hospital
15:07-15:14	Small extracellular vesicles derived from damaged muscle aggravate the progression of kidney fibrosis	SONGLING JIANG Ewha Womans University
15:14-15:21	Tmem30a Protects Against Podocyte Injury Through Suppression of Pyroptosis	Yanpei Hou Sichuan Provincial People's Hospital
15:21-15:28	Deciphering Kidney Pathology in Type 1 Diabetes: Insights from Spatial Metabolomics and Oxidative Metabolism Analysis	Ye Ji Choi University of Colorado Anschutz Medical Campus
15:28-15:35	AI-Based Drug Repositioning Technologies: The Role of 17-DMAG in Mitigating Kidney Fibrosis by Targeting METTL3 mRNA Synthesis	Myoung Seok Lee Seoul National University
15:35-15:42	Urosepsis Modeling on kidney and lung-on-a-chip system	<b>EUN-JEONG KWON</b> Seoul National University Bundang Hospital
15:42-15:49	Pre- and Postnatal Chronic Exposure to Airborne Particulate Matter: Focus on Renal Fibrogenesis and the Role of Vitamin D Supplementation	<b>Hyung Eun Yim</b> Korea University Ansan Hospital
15:49-15:56	GWAS of extreme creatinine and cystatin C levels provides genetic insights into kidney function	Woo-yeong Park Keimyung University Dongsan Medical Center
15:56-16:03	Myocardial hypertrophy and fibrosis are associated with tissue phosphorus accumulation, PIT1/ERK and progenitor cell regulatory molecule expression in mild CKD	<b>Evdokia Bogdanova</b> Pavlov University
16:03-16:10	Modeling of allograft rejection using human induced pluripotent stem cell-derived kidney organoid system	<b>Sun Woo Lim</b> The Catholic University of Korea School of Medicine
16:10-16:17	Phosphodiesterase V Inhibitor Attenuates the Fibrotic Gene Expression of Human Renal Fibroblast derived from Kidney Biopsy Tissue	Manas Ranjan Behera Sanjay Gandhi Postgraduate Institute of Medical Sciences

KOR → ENG	Interpretation ENG → KOR Interpretation Oral Communication & Room 6 (Er	nglish only) Plenary Lo	ecture & Official Program
15:00-16:30	Oral Communications 7 Chronical Kidney Disease 1	ENG	Room 5 (202)
Chair(s)	Sang Youb Han Inje University Ilsan Paik Hospital  Motoko Yanagita Kyoto University		
15:00-15:07	Socioeconomic Impact of Chronic Kidney Disease in Malaysia: Work Productivity among Advanced Non-Dialysis Patients	<b>Lydia Kamaruzaman</b> Faculty Of Medicine, Universiti Kebangsaan Malaysia	
15:07-15:14	Metabolomic profiles in urine and blood revealed differences in metabolic pathways among patients with varying degrees of kidney dysfunction	Hongquan Peng Kiang Wu Hospital	
15:14-15:21	Association of Accelerometer-measured Physical Activity with All-cause and Cause-specific Mortality in Individuals with or without Chronic Kidney Disease: the UK Biobank Study	Byounghwi Ko Severance Hospital	
15:21-15:28	Time-in-target range of systolic blood pressure and all-cause mortality in chronic kidney disease population in Korea	Soo-Young Yoon Kyung Hee University Medical Co	enter
15:28-15:35	Residual Lifetime Risk of End-Stage Kidney Disease in Chronic Kidney Disease under One Multidisciplinary Care Program	Ming-Yen Lin Kaohsiung Medical University Hospital, Kaohsiung Medica University	
15:35-15:42	Association of Weekend-to-Weekday Sleep Duration Ratio with Kidney Function	Wanprapit Noree University of Illinois Chicago	
15:42-15:49	Risk for Proteinuric Chronic Kidney Disease in Cigarette Smokers: Analysis of the 2017 2020 National Health and Nutrition Examination Survey	<b>Tatchaya Kanthajan</b> Srinakharinwirot University	
15:49-15:56	FollowME Fabry Pathfinders Registry: Renal Effectiveness in a Cohort of Patients on Migalastat Treatment for at Least Three Years	Simon McErlane Amicus Therapeutics Pty Ltd	
15:56-16:03	CORRELATION BETWEEN ESTIMATED GLOMERULAR FILTRATION RATE (eGFR) AND LEFT ATRIAL FUNCTION IN PATIENT WITH PRADIALYTIC CHRONIC KIDNEY DISEASE	<b>Dian Pritasari Jeger</b> Indonesian Society of Internal M	edicine
16:03-16:10	Rapid increase in ESA resistance is a risk factor of poor renal prognosis in pre-dialysis CKD patients. BRIGHTEN STUDY sub-analysis	Shinya Kawamoto Dokkyo Medical University Nikko	o Medical
16:10-16:17	Optimal cutoffs of NT-proBNP for risk prediction in new-onset heart failure in chronic kidney disease across eGFR category	<b>Yi Lu</b> The Third Affiliated Hospital of S University, Guangzhou, China	outhern Medical
16:17-16:24	Impact of retinal photography-based deep learning system on risk stratification for chronic kidney disease progression	Young Su Joo Yongin Severance Hospital	
15:00-16:30	Satellite Symposium (IgA Nephropathy)	ENG	Room 6 (203)
Chair(s)	Seung Hyeok Han Severance Hospital		
15:00-15:05	Opening Remark		
15:05-15:35	Current Treatment and the Updates in IgA Nephropathy	Hong Zhang Peking University First Hospital	



Detai	led Frogram	
KOR → ENG	Interpretation ENG → KOR Interpretation Oral Communication & Room 6 (En	glish only) Plenary Lecture & Official Program
15:35-16:05	Understanding the Pathological Role of APRIL in IgA Nephropathy	Yusuke Suzuki Juntendo University Faculty of Medicine
16:05-16:30	Q&A	
16:30-17:00	Coffee Break and Poster Visiting	
17:00-18:30	Glomerulonephritis 1 Status of Management for Glomerular Diseases	ENG→KOR Room 1 (GBR 101-102)
Chair(s)	Sydney Tang The University of Hong Kong Ho Jun Chin Seoul National University Bundang Hospital	
17:00-17:20	Debate on Treatment for IgA Nephropathy	<b>Jicheng Lv</b> Peking University First Hospital
17:20-17:40	Update in Management of ANCA-Associated Vasculitis	<b>David R.W. Jayne</b> Cambridge University Hospitals
17:40-18:00	Current and Future Prospects for Management of Membranous Nephropathy	Daniel C Cattran University of Toronto
18:00-18:20	Avoiding Steroid in Treatment of Minimal Change Disease	Yong Chul Kim Seoul National University Hospital
18:20-18:30	Q&A	
17:00-18:30	<b>Chronic Kidney Disease 3 (Diabetic Kidney Disease)</b> What's New in DKD?	ENG→KOR Room 3 (GBR 104-105)
Chair(s)	Eun Young Lee Soonchunhyang University Cheonan Hospital Katherine R. Tuttle University of Washington	
17:00-17:20	State-of-art Treatment for DKD	<b>Katherine R. Tuttle</b> University of Washington
17:20-17:40	New Pathogenesis of DKD: Mechanosensitive Injury Signaling	<b>Tobias B. Huber</b> University Medical Center Hamburg-Eppendorf
17:40-18:00	Novel Next-Generation Drugs for DKD in the Pipeline	<b>David Z. I. Cherney</b> Toronto General Hospital Research Institute
18:00-18:20	New Biomarker for DKD: Urinary EV	<b>Dongsic Choi</b> Soonchunhyang University College of Medicine
18:20-18:30	Q&A	
17:00-18:30	Pediatric Nephrology 1 Pediatirc Nephrotic Syndrome	ENG→KOR Room 4 (201)
Chair(s)	Eugene Yu-Hin Chan Hong Kong Children's Hospital Aditi Sinha All India Institute of Medical Sciences	
17:00-17:20	Pathogenesis of Pediatric Nephrotic Syndrome	<b>Tomoko Horinouchi</b> Kobe University Graduate School of Medicine

KOR → ENG	Interpretation ENG → KOR Interpretation Oral Communication & Room 6 (E	English only) Plenary Lecture & Official Program
17:20-17:40	Genetics of Congenital/Infantile Nephrotic Syndrome	<b>Ng Kar Hui</b> National University Hospital
17:40-18:00	Difficult to Treat Nephrotic Syndrome	Arvind Bagga All India Institute of Medical Sciences
18:00-18:20	Recurrent Glomeruolonephritis after Transplant	Stephen Marks Great Ormond Street Hospital
18:20-18:30	Q&A	
17:00-18:30	Renal Conservative Care (Geriatrics 2) Enjoy Life in Older Adults with CKD	ENG→KOR Room 5 (202)
Chair(s)	Chih-Kang Chiang National Taiwan University Hospital Soon Hyo Kwon Soonchunhyang University Seoul Hospital	
17:00-17:20	Role of Senescence of Aging Kidney	<b>Helen Healy</b> University of Queensland
17:20-17:40	How to Manage Sarcopenia in CKD Patients?	Reshma Aziz Merchant National University Health System
17:40-18:00	Frailty Renal Phenotype: Identify and Manage Those in Need	<b>Chia-Ter Chao</b> National Taiwan University Hosptial
18:00-18:20	A Pragmatic Randomized Clinical Trial: Twice Weekly VS Thrice Weekly Incident Hemodialysis in Elderly Patients	Haekyung Lee Soonchunhyang University Seoul Hospital
18:20-18:30	Q&A	



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Oral Communication & Room 6 (English only)

Plenary Lecture & Official Program

#### **DAY 3 JUNE 15 (SAT)**

07:00-08:30	Council Meeting of the KSN	
08:30-10:00	<b>Glomerulonephritis 2</b> Perspective on the Pathophysiology of Glomerular Diseases	ENG→KOR Room 1 (GBR 101-102)
Chair(s)	Bum Soon Choi The Catholic University of Korea, Eunpyeong St. Mary's Hospital Sunhwa Lee Kangwon National University Hospital	
08:30-08:50	Insight into Glomerular Filtration and Albuminuria	<b>David J. Salant</b> Boston University School of Medicine
08:50-09:10	Complement Activation in Glomerular Diseases	Nick Medjeral-Thomas Hammersmith Hospital / Imperial College London
09:10-09:30	Target Antigens in Membranous Nephropathy	<b>Sanjeev Sethi</b> Mayo Clinic
09:30-09:50	Biobank-driven Multi-omics Analyses of Glomerular Diseases	<b>Dong Ki Kim</b> Seoul National University Hospital
09:50-10:00	Q&A	
08:30-10:00	APSN-ISN Joint Symposium Cardio-reno-metabolic Axis	ENG→KOR Room 2 (GBR 103)
Chair(s)	Hyeong Cheon Park Gangnam Severance Hospital  Masaomi Nangaku The University of Tokyo Graduate School of Medicine	
08:30-08:50	Cardiovascular Risk Factors Associated with Kidney Disease	Robert J. Walker Otago Medical School University of Otago
08:50-09:10	Current and Future of Telemedicine and Telenephrology	<b>Masaomi Nangaku</b> The University of Tokyo Graduate School of Medicine
09:10-09:30	BP Control in Advanced CKD	Seung Hyeok Han Severance Hospital
09:30-09:50	Optimizing Potassium Management for Cardio-kidney-metabolic Complications	Angela Yee-Moon Wang Duke-NUS Medical School
09:50-10:00	Q&A	
08:30-10:00	<b>Dialysis 1 (Hemodialysis)</b> Unresolved Issues in the Care of HD Patients	ENG→KOR Room 3 (GBR 104-105)
Chair(s)	Mai-Szu Wu Taipei Medical University  Yang Wook Kim Inje University Haeundae Paik Hospital	
08:30-08:50	The Effects of Uremic Toxin on Heart Functions in HD Patients	Hongli Lin First Affiliated Hospital of Dalian Medical University
08:50-09:10	Hemodiafiltration and Expanded Hemodialysis: A Look Towards the Future	<b>Hideki Kawanishi</b> Tsuchiya General Hospital

KOR → ENG	Interpretation ENG → KOR Interpretation Oral Communication & Room 6 (E	nglish only)	Plenary Lecture & Official Progra
09:10-09:30	Uremic Toxins and Clinical Outcomes in Hemodialysis	<b>I-Wen Wu</b> Shuang Ho Hospital,	Taipei Medical University
09:30-09:50	Hemodialysis in the Elderly Patients: Practical Concerns and Considerations	Soon Hyo Kwoi Soonchunhyang Univ	
09:50-10:00	Q&A		
08:30-10:00	Chronic Kidney Disease 4 (Hypertension and Vascular Biology) Hypertension and Kidney Disease	ENG→KOR	Room 4 (201
Chair(s)	Muh Geot Wong Concord Repatriation General Hospital Minghui Zhao Peking University First Hospital		
08:30-08:50	Blood Pressure Management in Elderly CKD Patients	<b>Eunjin Bae</b> Gyeongsang Nationa	l University Changwon Hospital
08:50-09:10	Appropriate Use of Diuretics to Control Blood Pressure in CKD	<b>Eun Sil Koh</b> The Catholic Universi	ty of Korea, Yeouido St. Mary's Hosp
09:10-09:30	Digital Hypertension in CKD	Akihiro Nomur Kanazawa University	a
09:30-09:50	Sympathetic Overactivity and Cardiovascular Morbidity in Dialysis Patients	Robert J. Walke Otago Medical School	
09:50-10:00	Q&A		
08:30-10:00	Nutrition 2 Sarcopenia and Obesity in Kidney Disease	ENG→KOR	Room 5 (202
Chair(s)	K S Nayak Virinchi Hospitals S. Russ Price East Carolina University		
08:30-08:50	Clinical Applications of Body Composition and Muscle Strength in CKD	Jung Nam Ahn Hallym University Sao	cred Heart Hospital
08:50-09:10	Muscle Energetics and Function in Kidney Disease	Alp Ikizler Vanderbilt University	School of Medicine
09:10-09:30	The Sarcopenic Obesity Paradigm in CKD	Csaba Kovesdy University of Tenness	ee Health Science Center
09:30-09:50	Pathophysiology and Potential Treatment of Uremic Sarcopenia	Chih-Kang Chia National Taiwan Univ	_
09:50-10:00	Q&A		
10:00-10:30	Coffee Break and Poster Visiting		



KOR → ENG Interpretation	ENG → KOR Interpretation	Oral Communication & Room 6 (English only)	Plenary Lecture & Official Program

10:30-12:00	<b>Glomerulonephritis 3 (Pathology)</b> <i>Renal Pathology</i>	ENG→KOR Room 1 (GBR 101-102)
Chair(s)	Suxia Wang Peking University First Hospital  Beom Jin Lim Gangnam Severance Hospital	
10:30-10:50	Histologic Classification of IgA Nephropathy: It's Role in Patient Care	lan S D Roberts Oxford University Hospitals NHS Foundation Trust
10:50-11:10	Renal Pathology Associated with Monoclonal Gammopathy	Suxia Wang Peking University First Hospital
11:10-11:30	Glomerular Diseases with Nonamyloid Fibrillar Deposits	Kelly D Smith University of Washington
11:30-11:50	Digital Platform and Artificial Intelligence in Renal Pathology	Heounjeong Go Asan Medical Center
11:50-12:00	Q&A	
10:30-12:00	APSN-ISRNM Joint Symposium	ENG→KOR Room 2 (GBR 103)
Chair(s)	S. Russ Price East Carolina University  Jung Eun Lee Yongin Severance Hospital	
10:30-10:50	Pathophysiological Mechanisms Leading to Muscle Loss in Chronic Kidney Disease	S. Russ Price East Carolina University
10:50-11:10	Cachexia and Chronic Kidney Disease	Kamyar Kalantar-Zadeh Harbor-UCLA Medical Center
11:10-11:30	Promising Way to Mitigate Sarcopenia in CKD: Exercise	<b>Jun Chul Kim</b> Gumi CHA Hospital
11:30-11:50	Reconciling Nutrition Support Supplementation with the Deeper Metabolic Picture of Muscle Wasting in Dialysis Patients - Understanding the Science of Nutrition Intervention	<b>Tilakavati Karupaiah</b> Taylor's University
11:50-12:00	Q&A	
10:20-11:40	<b>Dialysis 2 (Peritoneal Dialysis)</b> Challenges and the Potentials for PD	ENG→KOR Room 3 (GBR 104-105)
Chair(s)	Sung Gyun Kim Hallym University Sacred Heart Hospital Hideki Kawanishi Tsuchiya General Hospital	
10:20-10:40	How to Treat Renal Anemia in Peritoneal Dialysis Patients in Japan: Lessons from JSDT Data Analysis	<b>Takahiro Imaizumi</b> Nagoya University
10:40-11:00	How to Improve the Outcome of Peritoneal Dialysis? Salt Is a New Poison for PD	Yasuhiko Ito Aichi Medical University
11:00-11:20	Benefits of Remote Monitoring in PD: Review of Clinical Trials	Gang Jee Ko Korea University Guro Hospital
11:20-11:40	Smart Peritoneal Dialysis Program for PD Quality Control	Zhiming Ye Guangdong Provincial People's Hospital

	interpretation ENG → KOR Interpretation Oral Communication & Room 6 (E	nglish only) Plenary Lecture & Official Program
11:40-12:00	KSPD/KSN/JSPD MOU Ceremony	ENG→KOR Room 3 (GBR 104-105)
10:30-12:00	APSN-ESPN Joint Symposium Hematuria and IgA Nephropathy in Children	ENG→KOR Room 4 (201)
Chair(s)	Dieter Haffner Hannover Medical School Ji Hong Kim Gangnam Severance Hospital	
10:30-10:50	When Do We Do Gene Tests in Children with Hematuria?	Jun Oh University Medical Center Hamburg-Eppendorf
10:50-11:10	Is Kidney Biopsy Necessary to Diagnose IgA Nephropathy in Children?	Jae II Shin Severance Hospital
11:10-11:30	When Do We Use Immunosuppression in Children with IgA Nephropathy?	Hee Gyung Kang Seoul National University Hospital
11:30-11:50	Do We Treat IgA Nephropathy and IgAVN Differently?	<b>Dieter Haffner</b> Hannover Medical School
11:50-12:00	Q&A	
10:30-12:00	<b>Kidney Transplantation 2</b> Organ Shortage and Equity Issues in Kidney Transplantation	ENG→KOR Room 5 (202)
Chair(s)	Sunita Bavanandan Hospital Kuala Lumpur Germaine Wong Westmead Hospital	
10:30-10:50	Use of Suboptimal Kidney Donors in Tx	Henry Pleass The University of Sydney
10:50-11:10	ABO Incompatible Kidney Transplantation in Asia Pacific	<b>Yoshihiko Watarai</b> Japanese Red Cross Aichi Medical Center, Nagoya Daini Hospital
11:10-11:30	Gender Disparity in Kidney Transplantation in Asia Pacific	<b>Yunmi Kim</b> Inje University Busan Paik Hospital
11:30-11:50	Development of an Equity Framework in Transplantation	Camilla Nonterah University of Richmond
11:50-12:00	Q&A	
10:30-12:00	APSN-KDIGO Joint Symposium 1	ENG Room 6 (203)
Chair(s)	Seung Hyeok Han Severance Hospital  Carol Pollock North Shore Private Hospital	
10:30-10:45	Setting the Scene	Daniel C Cattran University of Toronto
10:45-11:00	Managing IgAN in Asia	Sang-Ho Lee Kyung Hee University Hospital at Gangdong
11:00-11:15	New Therapies and a New Paradigm	<b>Jonathan Barratt</b> Leicester General Hospital



Chair(s) Masaomi Nangaku The University of Tokyo Graduate School of Medicine  12:00-12:05 Opening Remarks  12:05-12:15 A Time to Act: How Early Identification of CKD in T2D Improves Outcomes  12:15-12:25 MRAs in 2024: Still All the Same?  12:15-12:25 MRAs in 2024: Still All the Same?  12:25-12:40 The Ripple Effects: How NS-MRAs' Unique Mechanisms are Driving Clinical Benefits  12:40-12:55 From Bench to Practice: The Clinical Application of NS-MRAs in the Management of CKD in T2D  12:55-13:00 Q&A and Closing Remarks  12:00-13:00 Industry Symposium 9 (Fresenius Medical Care) Individualized Care for Patients Undergoing Dialysis At-Home and Incenter: The Right Therapy, Right Place, Right Time  Chair(s) Bum Soon Choi The Catholic University of Korea, Europyeong St. Many's Hospital  12:00-12:30 The CONVINCE Study: Recognizing the Benefits of High-Volume Hemodiafiltration for Enhanced Patient Outcomes  Industry Symposium 10	KOR → ENG	interpretation ENG → KOR Interpretation Oral Communication & Room 6 (E	English only)	Plenary Lecture & Official Program
Industry Symposium 8   Bayer Korea   Room 1 (GBR 101-102)	11:15-11:30	Case Study		
Chair(s) Masaomi Nangaku The University of Tokyo Goduare School of Medicine  12:00-12:05 Opening Remarks  A Time to Act: How Early Identification of CKD in T2D Improves Sung Gyun Kim Hallym University School of Medicine  12:05-12:15 ATIME to Act: How Early Identification of CKD in T2D Improves Sung Gyun Kim Hallym University School of Medicine  12:05-12:15 MRAs in 2024: Still All the Same?  12:05-12:16 MRAs in 2024: Still All the Same?  12:05-12:16 The Ripple Effects: How NS-MRAs' Unique Mechanisms are Driving Clinical Benefits  12:06-12:25 From Bench to Practice: The Clinical Application of NS-MRAs in the Minghui Zhao Pelang University School of Medicine  12:07-12:00 Q&A and Closing Remarks  12:08-13:00 Q&A and Closing Remarks  12:09-13:00 Industry Symposium 9 (Fresenius Medical Care)  Individualized Care for Patients Undergoing Dialysis At-Home and Incenter: The Right Therapy, Right Place, Right Time  Chair(s) Bum Soon Choi The Catholic University of Korea, Europeang St. Mary's Hooptal  12:00-12:00 Home Dialysis: Empowering Patients at Home: Why, Who and How?  12:00-13:00 The CONVINCE Study: Recognizing the Benefits of High-Volume Hemodiafiltration for Enhanced Patient Outcomes  12:00-13:00 Kyowa Kirin Korea  12:00-13:00 A New Era of Calcimimetics in Asia  12:00-13:00 A New Era of Calcimimetics in Asia  12:00-13:00 Industry Symposium 11  Nipro Dongduk Medical  12:00-13:00 Online HDF vs. Suner High Flux HD  13:00-13:00 Processing Patients Houghts Houghts Houghts Higher	11:30-12:00	Panel Discussion		
12:00-12:05 Opening Remarks  A Time to Act: How Early Identification of CKD in T2D Improves Outcomes  A Time to Act: How Early Identification of CKD in T2D Improves Outcomes  Rajiv Agarwal Indiana University School of Medicine  Minghui Zhao Peking University First Hospital  ENG-Word Indiana University First Hospital  ENG-Word Indiana University First Hospital  ENG-Word Room 2 (GBR 103)  Center: The Right Therapy, Right Place, Right Time  Chair(s)  Bum Soon Choi The Catholic University of Korea, Europycong St. Mary's Hospital  12:00-12:30  Home Dialysis: Empowering Patients at Home: Why, Who and How?  Yeoungjee Cho Princess Alexandra Hospital  The CONVINCE Study: Recognizing the Benefits of High-Volume Hemodialitration for Enhanced Patient Outcomes  Industry Symposium 10  Kyowa Kirin Korea  Chair(s)  Yong-Lim Kim Kyoungook National University Hospital  A New Era of Calcimimetics in Asia  Industry Symposium 11  Nipro Dongduk Medical  Non-June HDF vs Super High Flux HD  Hideki Kawanishi	12:00-13:00		ENG→KOR	Room 1 (GBR 101-102)
A Time to Act: How Early Identification of CKD in T2D Improves Outcomes  A Time to Act: How Early Identification of CKD in T2D Improves Outcomes  Rajiv Agarwal Industry School of Medicine Industry School of Medicine Industry Symposium 9 (Fresenius Medical Care) Industry Symposium 9 (Fresenius Medical Care) Individualized Care for Patients Undergoing Dialysis At-Home and In- Center: The Right Therapy, Right Place, Right Time  Chair(s)  Bum Soon Choi The Catholic University of Korea, Europeong St. Mary's Hospital  12:30-13:00  Industry Symposium 10 Kyowa Kirin Korea  Chair(s)  Yong-Lim Kim Iyungpook National University Hospital  Industry Symposium 11 Nipro Dongduk Medical  Industry Symposium 11 Nipro Dongduk Medical  Policy Super High Flux HD  Hideki Kawanishi  Hideki Kawanishi  Hideki Kawanishi  Hideki Kawanishi	Chair(s)	Masaomi Nangaku The University of Tokyo Graduate School of Medicine		
Outcomes  12:15-12:25  MRAs in 2024: Still All the Same?  Rajiv Agarwal Indiana University School of Medicine  12:25-12:40  The Ripple Effects: How NS-MRAs' Unique Mechanisms are Driving Clinical Benefits  From Bench to Practice: The Clinical Application of NS-MRAs in the Management of CKD in T2D  Q&A and Closing Remarks  12:40-12:55  Industry Symposium 9 (Fresenius Medical Care) Individualized Care for Patients Undergoing Dialysis At-Home and Incenter The Right Therapy, Right Place, Right Time  Chair(s)  Bum Soon Choi The Catholic University of Korea, Eunpyeong St. Mary's Hospital  12:00-12:30  Home Dialysis: Empowering Patients at Home: Why, Who and How?  The CONVINCE Study: Recognizing the Benefits of High-Volume Hemodiafiltration for Enhanced Patient Outcomes  Industry Symposium 10  Kyowa Kirin Korea  Than Conversion National University Hospital  12:00-13:00  A New Era of Calcimimetics in Asia  Industry Symposium 11  Nipro Dongduk Medical  Poline HDE vs Super High Flux HD  Hideki Kawanishi  Hideki Kawanishi	12:00-12:05	Opening Remarks		
The Ripple Effects: How NS-MRAs' Unique Mechanisms are Driving Clinical Benefits  The Ripple Effects: How NS-MRAs' Unique Mechanisms are Driving Clinical Benefits  From Bench to Practice: The Clinical Application of NS-MRAs in the Management of CKD in T2D  Q&A and Closing Remarks  Industry Symposium 9 (Fresenius Medical Care) Individualized Care for Patients Undergoing Dialysis At-Home and In-Center: The Right Therapy, Right Place, Right Time  Chair(s)  Bum Soon Choi The Catholic University of Korea, Europeeong St. Mary's Hospital  12:00-12:30  The CONVINCE Study: Recognizing the Benefits of High-Volume Hemodiafiltration for Enhanced Patient Outcomes  Industry Symposium 10  Kyowa Kirin Korea  Chair(s)  Yong-Lim Kim Kyungpook National University Hospital  12:00-13:00  Industry Symposium 11  Nipro Dongduk Medical  Value Hideki Kawanishi  Hideki Kawanishi  Hideki Kawanishi	12:05-12:15	· · · · · · · · · · · · · · · · · · ·		
Clinical Benefits  Indiana University School of Medicine  Industry Symposium 9 (Fresenius Medical Care) Individualized Care for Patients Undergoing Dialysis At-Home and Incenter: The Right Therapy, Right Place, Right Time  Chair(s)  Bum Soon Choi The Catholic University of Korea, Eunpyeong St. Mary's Hospital  Industry Symposium 10 Remarks  Industry Symposium 9 (Fresenius Medical Care) Individualized Care for Patients Undergoing Dialysis At-Home and Incenter: The Right Therapy, Right Place, Right Time  Chair(s)  Bum Soon Choi The Catholic University of Korea, Eunpyeong St. Mary's Hospital  Industry Symposium 10 Remarks Alexandra Hospital  Industry Symposium 10 Ryowa Kirin Korea  Chair(s)  Yong-Lim Kim Kyungpook National University Hospital  Industry Symposium 11 Nipro Dongduk Medical  Chair(s)  Yon Su Kim Seoul National University Hospital  Industry Symposium 11 Nipro Dongduk Medical  Chair(s)  Yon Su Kim Seoul National University Hospital	12:15-12:25	MRAs in 2024: Still All the Same?		
Management of CKD in T2D  12:55-13:00  Q&A and Closing Remarks  12:00-13:00  Industry Symposium 9 (Fresenius Medical Care) Individualized Care for Patients Undergoing Dialysis At-Home and In- Center: The Right Therapy, Right Place, Right Time  Chair(s)  Bum Soon Choi The Catholic University of Korea, Europyeong St. Mary's Hospital  12:00-12:30  Home Dialysis: Empowering Patients at Home: Why, Who and How?  Yeoungjee Cho Princess Alexandra Hospital  12:30-13:00  The CONVINCE Study: Recognizing the Benefits of High-Volume Hemodiafiltration for Enhanced Patient Outcomes  Bernard Canaud Montpellier University  12:00-13:00  Industry Symposium 10 Kyowa Kirin Korea  Chair(s)  Yong-Lim Kim Kyungpook National University Hospital  12:00-13:00  Industry Symposium 11 Nipro Dongduk Medical  Chair(s)  Yon Su Kim Seoul National University Hospital  Peking University First Hospital  Room 4 (201)  Hideki Kawanishi  Peking University First Hospital	12:25-12:40			
Industry Symposium 9 (Fresenius Medical Care) Individualized Care for Patients Undergoing Dialysis At-Home and In- Center: The Right Therapy, Right Place, Right Time  Chair(s)  Bum Soon Choi The Catholic University of Korea, Eunpyeong St. Mary's Hospital  12:00-12:30  Home Dialysis: Empowering Patients at Home: Why, Who and How?  The CONVINCE Study: Recognizing the Benefits of High-Volume Hemodiafiltration for Enhanced Patient Outcomes  Bernard Canaud Montpellier University  12:00-13:00  Industry Symposium 10 Kyowa Kirin Korea  Chair(s)  Yong-Lim Kim Kyungpook National University Hospital  12:00-13:00  Industry Symposium 11 Nipro Dongduk Medical  Chair(s)  Yon Su Kim Seoul National University Hospital  12:00-13:00  Online HDF vs Super High Flux HD  Hideki Kawanishi	12:40-12:55		-	
12:00-13:00 Individualized Care for Patients Undergoing Dialysis At-Home and In- Center: The Right Therapy, Right Place, Right Time  Chair(s) Bum Soon Choi The Catholic University of Korea, Eunpyeong St. Mary's Hospital  12:00-12:30 Home Dialysis: Empowering Patients at Home: Why, Who and How?  The CONVINCE Study: Recognizing the Benefits of High-Volume Hemodiafiltration for Enhanced Patient Outcomes  Industry Symposium 10  Kyowa Kirin Korea  Chair(s) Yong-Lim Kim Kyungpook National University Hospital  12:00-13:00 A New Era of Calcimimetics in Asia  Industry Symposium 11  Nipro Dongduk Medical  Chair(s) Yon Su Kim Seoul National University Hospital  Ping → KOR Room 3 (GBR 104-105)  Room 4 (201)  ENG → KOR Room 4 (201)	12:55-13:00	Q&A and Closing Remarks		
12:30-12:30 Home Dialysis: Empowering Patients at Home: Why, Who and How?  12:30-13:00 The CONVINCE Study: Recognizing the Benefits of High-Volume Hemodiafiltration for Enhanced Patient Outcomes  12:30-13:00 Industry Symposium 10  Kyowa Kirin Korea  Chair(s) Yong-Lim Kim Kyungpook National University Hospital  12:00-13:00 A New Era of Calcimimetics in Asia  Industry Symposium 11  Nipro Dongduk Medical  Chair(s) Yon Su Kim Seoul National University Hospital  12:00-13:00 Online HDF vs Super High Flux HD  Hideki Kawanishi	12:00-13:00	Individualized Care for Patients Undergoing Dialysis At-Home and In-	ENG→KOR	Room 2 (GBR 103)
12:30-13:00 The CONVINCE Study: Recognizing the Benefits of High-Volume Hemodiafiltration for Enhanced Patient Outcomes  12:00-13:00 Industry Symposium 10 Kyowa Kirin Korea  Chair(s) Yong-Lim Kim Kyungpook National University Hospital  12:00-13:00 Industry Symposium 11 Nipro Dongduk Medical  Chair(s) Yon Su Kim Seoul National University Hospital  Princess Alexandra Hospital  Bernard Canaud Montpellier University  ENG-KOR Room 3 (GBR 104-105)  Room 3 (GBR 104-105)  ENG-KOR Room 3 (GBR 104-105)  ENG-KOR Room 4 (201)	Chair(s)	Bum Soon Choi The Catholic University of Korea, Eunpyeong St. Mary's Hospital		
Hemodiafiltration for Enhanced Patient Outcomes  Industry Symposium 10 Kyowa Kirin Korea  Chair(s)  Yong-Lim Kim Kyungpook National University Hospital  12:00-13:00  A New Era of Calcimimetics in Asia  Masafumi Fukagawa Tokai University  Industry Symposium 11 Nipro Dongduk Medical  Chair(s)  Yon Su Kim Seoul National University Hospital  Hideki Kawanishi  Hideki Kawanishi	12:00-12:30	Home Dialysis: Empowering Patients at Home: Why, Who and How?		
Chair(s) Yong-Lim Kim Kyungpook National University Hospital  12:00-13:00 A New Era of Calcimimetics in Asia Masafumi Fukagawa Tokai University  12:00-13:00 Industry Symposium 11 Nipro Dongduk Medical  Chair(s) Yon Su Kim Seoul National University Hospital  12:00-13:00 Online HDE vs Super High Flux HD  Hideki Kawanishi	12:30-13:00	, , ,		
12:00-13:00 A New Era of Calcimimetics in Asia Masafumi Fukagawa Tokai University  12:00-13:00 Industry Symposium 11 Nipro Dongduk Medical  Chair(s) Yon Su Kim Seoul National University Hospital  12:00-13:00 Online HDE vs Super High Flux HD  Hideki Kawanishi	12:00-13:00		ENG→KOR	Room 3 (GBR 104-105)
12:00-13:00 Industry Symposium 11 Nipro Dongduk Medical  Chair(s) Yon Su Kim Seoul National University Hospital  12:00-13:00 Online HDE vs Super High Flux HD  Hideki Kawanishi	Chair(s)	Yong-Lim Kim Kyungpook National University Hospital		
Chair(s)  Yon Su Kim Seoul National University Hospital  12:00-13:00  Online HDE vs Super High Flux HD  Hideki Kawanishi	12:00-13:00	A New Era of Calcimimetics in Asia		ukagawa
12:00-13:00 Online HDF vs Super High Flux HD Hideki Kawanishi	12:00-13:00		ENG→KOR	Room 4 (201)
12:00-13:00 Unline HDF vs Super High Flux HD	Chair(s)	Yon Su Kim Seoul National University Hospital		
	12:00-13:00	Online HDF vs Super High Flux HD		

KOR → ENG	interpretation ENG → KOR Interpretation Oral Communication & Room 6 (En	nglish only)	Plenary Lecture & Official Progran
13:00-13:30	Award Ceremony (Young Investigator Award)	ENG	Room 7 (Auditorium)
13:00-13:10			
13:00-13:30	Award Ceremony (Haiyan Wang Lecture Award)	ENG	Room 7 (Auditorium)
13:10-13:20			
13:30-14:20	Plenary Lecture 3	ENG→KOR	Room 7 (Auditorium)
Chair(s)	Hunjoo Ha Ewha Womans University  Masaomi Nangaku The University of Tokyo Graduate School of Medicine		
13:30-14:20	Stem Cell-derived Human Kidney Tissue for Drug Development and Tissue Engineering	Melissa Little Murdoch Childre	<b>e</b> n's Research Institute
14:20-15:00	Coffee Break and Poster Presentation		
14:20-15:00	Best Poster Presentation 2	ENG	<b>Exhibition Hal</b>
Chair(s)	Tae Hyun Ban The Catholic University of Korea, Eunpyeong St. Mary's Hospital Young Su Joo Yongin Severance Hospital Se Won Oh Korea University Anam Hospital		
14:20-14:24	Association with Dietary Sugar Intake and Hyperuricemia in Korean Children and Adolescents: Korea National Health and Nutrition Examination Survey	Sang Youn Y Ganghwa-gun Pu	<b>You</b> ublic Health Center
14:24-14:28	Efficacy of integrated risk score using omics-based biomarkers for the prediction of acute rejection in kidney transplantation: A randomized prospective pilot study	Mingyu Kim Kyungpook Natio	onal University Hospital
14:28-14:32	New Strategies for Improving Kidney dECM Recellularization Efficiency	BOYUN KIM rokithealthcare	
14:32-14:36	Establishment of a Drug Screening Platform for Polycystic Kidney Disease using Human Urine Tubuloids	Hye Youn Ki Yonsei University	<b>m</b> College of Medicine
14:36-14:40	Influence of the method of addition of nitric oxide during hemodialysis on its antithrombotic effect.	MAYU FUKA Kitasato Universit	<b>DA</b> ty Graduate School
14:40-14:44	Interaction of the miR-466-699 clusters and Wnt signaling in cell proliferation of the aldosterone-sensitive distal nephron	Hyo-Ju Jang Kyungpook Natio	onal University, School of Medicine
14:44-14:48	Development of Dialysis Patient Exercise Therapy Support System I -Proposal for the Continuation of Exercise Therapy-	Tokuo UMED Former Kitasato U	



5:00-16:30	Home Hemodialysis	ENG→KOR	Room 1 (GBR 102)
hair(s)	Kyung Don Yoo University of Ulsan College of Medicine Donghyung Lee Beomil Yonsei Clinic & Hemodialysis Center		
5:00-15:30	Home Versus Facility Dialysis and Mortality in Australia and New Zealand	Mark R. Marshall Middlemore Hospital	
5:30-16:00	Changes in Insurance and Financial Support for Hemodialysis Patients in Japan: Focusing on Home Hemodialysis	<b>Ikuto Masakane</b> Yabuki Hospital	
6:00-16:30	The Development History of Korean Mobile Hemodialysis Machines	<b>Jintae Lee</b> Synopex Inc.	
5:00-16:30	APSN-KDIGO Joint Symposium 2 ADA-KDIGO Consensus Report	ENG→KOR	Room 2 (GBR 103)
hair(s)	Yon Su Kim Seoul National University Hospital Katherine R. Tuttle University of Washington		
5:00-15:20	Management of Diabetes and CKD - Insights from the KDIGO 2022 Diabetes Guideline and ADA Consensus Report	Peter Rossing Steno Diabetes Center C	openhagen
5:20-15:40	Referral Time to Nephrology Care	Sungjin Chung The Catholic University of	of Korea, Yeouido St. Mary's Hospit
5:40-16:00	Implementation of the 2022 Diabetes Guideline: Progress and Barriers	<b>Juliana Chan</b> The Chinese University of	of Hong Kong
6:00-16:20	Story Not Covered in the Guideline	Seung Seok Han Seoul National Universit	y Hospital
6:20-16:30	Q&A		
5:00-16:30	Oral Communications 8 Nutrition/Green Nephrology	ENG	Room 3 (GBR 104)
hair(s)	Gang Jee Ko Korea University Guro Hospital K S Nayak Virinchi Hospitals		
5:00-15:07	Alleviating Restless Legs Syndrome (RLS) in Hemodialysis Patients: Unveiling the Therapeutic Impact of Palm Tocotrienol-Rich Fraction (TRF)	<b>Zulfitri Azuan Ma</b> Universiti Putra Malaysia	The state of the s
5:07-15:14	The Appropriate Nutritional Re-Education in Hemodialysis Patients: Analyzed with dietary intake	<b>Jin Su Kim</b> The Catholic University Hospital	of Korea Eunpyeong St. Mary's
5:14-15:21	Food Intake, Genetic Risk, and Risk of Incident Chronic Kidney Disease: A Longitudinal Analysis of the UK Biobank Data	<b>Jeonghwan Lee</b> Seoul National Universit	у
5:21-15:28	Association between Healthy Dietary Patterns and Chronic Kidney Disease: Findings from the Korean National Health and Nutrition Examination Survey (KNHANES) 2019-2021	Minsang Kim Seoul National Universit	v Hospital

KON 7 ENG	Interpretation ENG → KOR Interpretation Oral Communication & Room 6 (En	glish only) Plenary Lecture & Official Progran
15:28-15:35	Impacts of a plant-based diet intervention on reducing dietary acid load in CKD3-4: simple messaging is key to success	Kelly Lambert University of Wollongong
15:35-15:42	Effect of Ketosteril in Slowing Chronic Kidney Disease Progression in Patients on Low Protein Diet	<b>Zi Chan</b> United Christian Hospital
15:42-15:49	Mediterranean lifestyle is associated with a lower risk of chronic kidney disease: population-based prospective study	<b>Hyo Jeong Kim</b> Gangnam Severance Hospital
15:49-15:56	Fluctuating Risk of Acute Kidney Injury-Related Mortality for Four Weeks After Exposure to Air Pollution: A Multi-Country Time-Series Study in 6 Countries	Jieun Min Ewha Womans University Medical Center
15:56-16:03	The global burden of glomerulonephritis attributable to non-optimum temperature among adolescents and young adults in 204 countries and territories, 1990-2019	<b>Guohua He</b> The First Affiliated Hospital, Sun Yat-sen University
16:03-16:10	The Impact of Greenness on Graft Outcomes and Mortality in Kidney Transplant Recipients: A Longitudinal Study from South Korea	Soie Kwon Chung-Ang University Hospital
16:10-16:17	Optimizing CKRT dose prescription, as the first step for green nephrology	<b>Taeil Kim</b> Pusan National University Hospital
15:00-16:30	Oral Communications 9 Renal Conservative Care/Geriatrics	Room 3 (GBR 105)
Chair(s)	Mooyong Park Soonchunhyang University Hospital Bucheon Reshma Aziz Merchant National University Health System	
15:00-15:07	Shared Decision-Making Facilitates Non-Hemodialysis Renal Replacement Therapy: A Retrospective Study at Seoul National University Bundang Hospital	Julee You Seoul National University Bundang Hospital
15:07-15:14	Associations of Obesity, Sarcopenia, and Sarcopenic Obesity with Chronic Kidney Disease Development in the Elderly Population	Young Su Joo Yongin Severance Hospital
15:14-15:21	Comparison of the Safety of Normal Saline and Balanced crystalloid in hydration after kidney biopsy	Yu Tanaka kobe university, japan
15:21-15:28	Lean Body Mass as a Predictor of Mortality in Hemodialysis Patients: A Focus on Age-Related Variations	JI EUN KIM Inha University Hospital
15:28-15:35	Role of Wearable Technology And Geo-Fencing Device In Management of Renal Data And Quality of Life In Relation To Chronic Kidney Disease Patients With Type 2 Diabetes	<b>Vikas Sharma</b> IDC research center
15:35-15:42	Frailty predicts adverse clinical outcomes in patients with moderate to severe chronic kidney disease	<b>Tai-Shuan Lai</b> National Taiwan University Hospital Bei-Hu branch
15:42-15:49	The Clinical Outcome of Chronic Kidney Disease Stage V patients on Conservative Kidney Management In a tertiary hospital in Cebu City	Claire Sanaani Chong Hua Hospital
15:49-15:56	Evaluation of efficacy, safety and treatment patterns of sodium zirconium cyclosilicate in management of hyperkalemia in China: an interim analysis (Actualize)	Nan Shen The First Affiliated Hospital of Dalian Medical University



KOR → ENG	i Interpretation ENG → KOR Interpretation Oral Communication & Room 6 (Er	nglish only) Plenary Lecture & Official Program	
15:56-16:03	Genotype-Phenotype Correlation and Long Term Outcomes in a Large Cohort of Patients with Primary Distal Renal Tubular Acidosis from India	Sayali Thakare Seth GS Medical College and KEM Hospital, Mumbai, India	
16:03-16:10	Risk factors of under-correction in severe hyponatremia: a post-hoc analysis of the SALSA trial	Seon Ha Baek Dongtan Sacred Heart Hospital	
16:10-16:17	Comparison of Creatinine-based Glomerular Filtration Rate Equations for Mortality Prediction in Korean Population: a Retrospective Kangbuk Samsung Health Cohort study	<b>Daseul Huh</b> Kangbuk Samsung Medical Center	
15:00-16:30	Oral Communications 10 Pediatrics/Genetics	ENG Room 4 (201)	
Chair(s)	Jae II Shin Severance Hospital Alison Ma Hong Kong Children's Hospital		
15:00-15:07	Variants in TSHZ3 Encoding a Regulator of Smooth Muscle Differentiation in Human Congenital Anomalies of the Kidney And Urinary Tract	Ruthild Weber Hannover Medical School, Hannover	
15:07-15:14	EZH2 promotes cyst growth in autosomal dominant polycystic kidney disease	Cheng Xue Shanghai Changzheng Hospital	
15:14-15:21	Genotype-phenotype analysis in patients with PAX2 pathogenic variants: beyond renal coloboma syndrome	JI HYUN KIM Seoul National University Bundang Hospital	
15:21-15:28	Integrated bioinformatic analysis showing Lcn2 is a key molecular in Autosomal Dominant Tubulointerstitial Kidney Disease-UMOD	Ruilian You peking university first Hospital	
15:28-15:35	Long-term clinical outcomes in pediatric patients with primary nephrogenic diabetes insipidus	Seon Hee Lim Pusan National University Yangsan Hospital	
15:35-15:42	Impact of COVID-19 outbreak on the incidence of uveitis and TINU syndrome in Korean children	Min Ji Park Kyungpook National University Hospital	
15:42-15:49	Integrating Machine Learning to Forecast End-Stage Renal Disease Progression in Pediatric Nephropathic Cystinosis: A Prospective Multi-Center Study	Andi Nursanti Andi Ureng Andini Persada College of Health Sciences	
15:49-15:56	Single-cell transcriptomics reveals distinct pathophysiologic signature of the primary coenzyme Q10 nephropathy in pediatric SRNS patient	Peong Gang Park Ajou University Hospital	
15:56-16:03	Interplay of trace elements & cardiovascular status in pediatric chronic kidney disease patients	<b>Dina Sallam</b> Prof	
16:03-16:10	Acquired cystic kidney disease is prevalent among children with kidney failure: A territory-wide cross-sectional study	Eugene Yu-hin Chan Hong Kong Children's Hospital	
16:10-16:17	Successful sequential haploidentical maternal haematopoietic stem cell and kidney transplantation without requirement for long term immunosuppression	Stephen Marks UCL Great Ormond Street Institute of Child Health, Londo UK	
16:17-16:24	Exploring patient, family and clinician perspectives about the psychosocial factors influencing access to kidney transplantation and transplant outcomes for children	<b>Ji Soo Kim</b> Great Ormond Street Hospital for Children NHS Foundation Trust	

	Interpretation ENG → KOR Interpretation Oral Communication & Room 6 (En	nglish only) Plenary Lecture & Official Program
16:24-16:31	Comprehensive Molecular Genetic Approach for Patients with Nephrocalcinosis and Suspected SLC34A3/SLC34A1 Damage	Margarita Sharova Research Centre for Medical Genetics
15:00-16:30	Oral Communications 11 Chronical Kidney Disease 2	ENG Room 5 (202)
Chair(s)	Robert J. Walker Otago Medical School University of Otago Sang Heon Song Pusan National University Hospital	
15:00-15:07	Phase II Dose-Selection, Randomised, Controlled Trial of ASi BI 690517 With and Without EMPA in CKD: Subgroup Analysis by T2D Status	David Cherney Department of Medicine, Toronto General Hospital, Toronto, ON, Canada
15:07-15:14	TYRO3 is a Promising Immune-derived Factor in Diabetic Kidney Disease	<b>Suhua Gao</b> Chu Hsien-I Memorial Hospital & Tianjin Institute of Endocrinology, Tianjin Medical University
15:14-15:21	Cell states and niches in diabetic kidneys identified by spatial mapping of targeted gene panel at single cell resolution	<b>Su Woong Jung</b> Kyung Hee University Hospital at Gangdong
15:21-15:28	Untargeted urinary metabolomics reveals novel biomarkers for type 2 diabetic kidney disease	<b>Donghwan Yun</b> Seoul National University Hospital
15:28-15:35	Integrated Personalized Lifestyle Management Program for Diabetic Nephropathy Control in Limited Resources Healthcare Facility: Randomized Controlled Trial	<b>Burhan Gunawan</b> Sumber Waras Hospital, West Jakarta
15:35-15:42	Assessment of Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI) Equation in Uzbek Diabetic Patients	Sherzod Abdullaev Republican specialized scientific and practical medical center of nephrology and kidney transplantation
15:42-15:49	Insulin resistance linked to increased risk of End-Stage Renal Disease in non-diabetic and diabetic individuals: findings from a large-scale study	Javad Alizargar Kashan University
15:49-15:56	Refined Machine Learning Approach for Early Identification of High- Risk Chronic Kidney Disease in Type 2 Diabetes Mellitus Patients: Simplified Screening Tool Version	<b>Wanjak Pongsittisak</b> Navamindradhiraj University
15:56-16:03	Neutrophil extracellular traps predict disease condition in complement-mediated thrombotic microangiopathy patients	Xiaotian Liu Peking university first Hospital
16:03-16:10	Soluble ST2 is an early marker for hypertensive nephrosclerosis signatured in glomerular mesangial cell	Jeong Min Cho Seoul National University Hospital
16:10-16:17	Association between Blood Pressure and Chronic Kidney Disease Progression in Patients with Advanced Chronic Kidney Disease: Findings from KNOW-CKD Study	Cheol Ho Park Severance Hospital
15:00-16:30	Satellite Symposium (ADPKD)	ENG Room 6 (203)
Chair(s)	Ken Tsuchiya Tokyo Women's Medical University Yun Kyu Oh Seoul National University	
15:00-15:15	Current Efforts of Japanese Public Research Groups on ADPKD	Satoru Muto Juntendo University Faculty of Medicine



KOR → ENG	Interpretation ENG → KOR Interpretation Oral Communication & Room 6 (	English only)	Plenary Lecture & Official Program
15:15-15:30	Treatment Strategies of ADPKD	Saori Nishio Hokkaido Univer	
15:30-15:45	Experiences of Tolvaptan Usage in Korea	Yaerim Kim Keimyung Unive	ersity School of Medicine
15:45-16:00	Modeling and Drug Discovery for ADPKD Using iPSC-Derived Kidney Organoid	Kenji Osafu Kyoto University	
16:00-16:15	Genetic Study Findings in the Korean Registry	Hayne Park Hallym Universit	ry Kangnam Sacred Heart Hospital
16:15-16:30	Q&A		
16:30-17:00	Coffee Break and Poster Visiting		
16:30-17:00	KSN General Assembly	KOR	Room 7 (Auditorium)
17:00-17:30	Award Session	KOR	Room 7 (Auditorium)
ИC	Jwa-kyung Kim (Hallym University Sacred Heart Hospital)		
17:00-17:10	젊은 연구자상 시상 (Young Investigator Award)	Cheol Ho Pa Severance Hosp	
7:10-17:20	학술상 시상 (KSN Academic Excellence)	Seok Hui Ka Yeungnam Univ	
7:20-17:30	공로상 시상 (KSN Lifetime Achievement Award)	Young-Ki Le	ee y Kangnam Sacred Heart Hospital
17:00-18:30	APSN-ISPD Joint Symposium 2 Improving the Time on Peritoneal Dialysis	ENG→KOR	Room 1 (GBR 101-102)
Chair(s)	Kamal Sud Nepean Hospital Sunita Bavanandan Hospital Kuala Lumpur		
17:00-17:20	Optimizing the PD Prescription for Improved Outcomes	Adrian Liew Mount Elizabeth	<b>/</b> I Novena Hospital
7:20-17:40	Training the PD Nurse for a Successful PD Program	Josephine C University of Nev	
7:40-18:00	Continuous Quality Improvement in a PD Program	<b>Lily Mushah</b> Hospital Tuanku	
8:00-18:20	Managing Non-Infectious Complications of Peritoneal Dialysis	Rajnish Meh University of Wa	nrotra shington School of Medicine
18:20-18:30	Q&A		

KOR → ENG	i Interpretation ENG → KOR Interpretation Oral Communication & Room 6	English only) Plenary Lecture & Official Program
17:00-18:30	Advancing Nephrology Trials: The KSN Young Investigator Symposium	ENG→KOR Room 2 (GBR 103)
Chair(s)	Muh Geot Wong Concord Repatriation General Hospital Sung Gyun Kim Hallym University Sacred Heart Hospital	
17:00-17:10	Overview of Recent Clinical Trials in Nephrology	Rajiv Agarwal Concord Repatriation General Hospital
17:10-17:30	The Single Center Randomized Trial - Can It Still Make a Difference?	Rajiv Agarwal Indiana University School of Medicine
17:30-17:50	Can Autologous Cell Treatment Preserve Kidney Function and Delay Progression of Advanced Chronic Kidney Disease?	Borut Cizman ProKidney Corp.
17:50-18:10	Clinical Trial on Nephrology Area & Feasibility Set-up	<b>Sunil Youn</b> Alexion Pharma Korea, L.L.C
18:10-18:20	Q&A	
17:00-18:30	Interventional Nephrology	ENG→KOR Room 3 (GBR 104-105)
Chair(s)	Seok-Joon Shin The Catholic University of Korea, Incheon St. Mary's Hospital Vandana Niyyar Emory University School of Medicine	
17:00-17:20	How to Conquer Physiological and Clinical Fistula Immaturity	<b>Dirk M Hentschel</b> Harvard Medical School
17:20-17:40	Is HD Catheter a Necessary Evil?	<b>Do Hyoung Kim</b> Hallym University Kangnam Sacred Heart Hospital
17:40-18:00	Challenges Faced in Setting up PTA Service by Interventional Nephrologists in a Developing Nation	Vinoth Kasi Rajan Queen Elizabeth Hospital
18:00-18:20	Implanting PD Catheter Exit-site Facing an Upward Direction	Masato Ikeda The Jikei University, Kashiwa Hospital
18:20-18:30	Q&A	
17:00-18:30	Pediatric Nephrology 2 Uncommon Childhood Kidney Diseases	ENG→KOR Room 4 (201)
Chair(s)	Koichi Nakanishi University of the Ryukyus Hospital Kandai Nozu Kobe University Graduate School of Medicine	
17:00-17:20	Cystic Kidney Diseases	Franz Schaefer Heidelberg University Hospital
17:20-17:40	Atypical Haemolytic Ureamic Syndrome in Children	Alison Ma Hong Kong Children's Hospital
17:40-18:00	Alport Syndrome	<b>Judith Savige</b> The University of Melbourne
18:00-18:20	Lupus Nephritis in Children	Seong Heon Kim Seoul National University Hospital



KOR → ENG	i Interpretation ENG → KOR Interpretation Oral Communication & Room 6	(English only) Plenary L	ecture & Official Program
18:20-18:30	Q&A		
17:00-18:30	<b>KORDS Report/Dialysis Center Accreditation</b>	KOR→ENG	Room 5 (202)
Chair(s)	Seon Ho Ahn Wonkwang University Hospital Yong Kyun Kim The Catholic University of Korea, St. Vincent's Hospital		
17:00-17:15	우리나라 투석 환자 발병률 및 유병률 Incidence and Prevalence of Korean Dialysis Patients	Tae Hyun Ban The Catholic University of Korea Hospital	, Eunpyeong St. Mary's
17:15-17:30	우리나라 투석 환자의 임상적 특징	<b>Hye Eun Yoon</b> The Catholic University of Korea Hospital	, Incheon St. Mary's
17:30-17:45	우리나라 투석 환자의 생존 분석 Mortality in Patients on Dialysis in South Korea	<b>Tae Hee Kim</b> Inje University Busan Paik Hospi	tal
17:00-18:30	<b>KORDS Report/Dialysis Center Accreditation</b>	KOR→ENG	Room 5 (202)
Chair(s)	Young-Ki Lee Hallym University Kangnam Sacred Heart Hospital Chang Su Boo Choo Medical Center		
17:45-18:00	2024년 인공신장실 인증평가 보고 2024 Hemodialysis Center Certification Evaluation Report	<b>Myung-Gyu Kim</b> Korea University Anam Hospital	
18:00-18:15	복막투석 재택관리 시범사업 보고 Report on Peritoneal Dialysis At-Home Management Pilot Project	Ho Sik Shin Kosin University Gospel Hospita	I
18:15-18:30	Green Nephrology	<b>So Mi Kim</b> Dankook University Hospital	

KOR → ENG Interpretation

ENG → KOR Interpretation

Oral Communication & Room 6 (English only)

Plenary Lecture & Official Program

### **DAY 4 JUNE 16 (SUN)**

08:30-10:00	Dialysis Specialist Physician Course 1 Issue in Hemodialysis	ENG→KOR Room 1 (GBR 101-102)
Chair(s)	Hankyu Lee Lee Hankyu Clinic	
08:30-09:00	CKD-MBD Management: About the New Phosphate Binder	Seun Deuk Hwang Inha University Hospital
09:00-09:30	Strategies for Achieving High Volume HDF	<b>Ajin Cho</b> Hallym University Kangnam Sacred Heart Hospital
08:30-10:00	Dialysis Nurse Course 1	Room 2 (GBR 103
Chair(s)	Hyung Duk Kim The Catholic University of Korea, Seoul St. Mary's Hospital	
08:30-09:00	혈액투석막의 구조와 성능 및 가장 적합한 투석막의 선택은	<b>Jang Han Lee</b> Bundang Jesaeng General Hospital
09:00-09:30	Current Evidence of Anticoagulation Therapy in Hemodialysis Patient	Hayne Park Hallym University Kangnam Sacred Heart Hospital
09:30-10:00	혈액투석을 위한 수질관리 및 투석장비 유지를 위한 소독지침 Quality Management of Dialysis Water and Machine System	Youkyoung Kim BAXTER
08:30-10:30	Education Symposium (Ethics)	KOR→ENG Room 3 (GBR 104-105
Chair(s)	Seung Ho Park Hub IM Clinic Sang Youb Han Inje University Ilsan Paik Hospital	
08:30-08:50	고령 환자의 투석 유보 권고안	In O Sun Presbyterian Medical Center
08:50-09:10	고령 환자의 투석 중단 권고안 Guidelines for Dialysis Withdrawal in Elderly Patients	Seo Rin Kim Pusan National University Yangsan Hospital
09:10-09:30	해외 권고안 비교 분석 Comparative Analysis of Overseas Guidelines for Withholding & Withdrawing RRT	Eun Kyung Choi Kyung Pook National University School of Medicine
09:30-09:50	권고안에 대한 윤리적 고려사항 Ethical Considerations for Recommendations	Eun-Young Lee Catholic University of Pusan
09:50-10:10	보존콩팥관리 Conservative Kidney Management	Sung Joon Shin Dongguk University Ilsan Hospital



**Panel Discussion** 

KOR → ENG Interpretation

10:10-10:30

ENG → KOR Interpretation

Oral Communication & Room 6 (English only)

Plenary Lecture & Official Program

In O Sun

Presbyterian Medical Center

Seo Rin Kim

Pusan National University Yangsan Hospital

Eun Kyung Choi

Kyung Pook National University School of Medicine

**Eun-Young Lee**Catholic University of Pusan

Sung Joon Shin

Dongguk University Ilsan Hospital

Jae-Won Lee G Sam Medical Center

08:30-10:00	KRCP: The Current and the Future	ENG→KOR	Room 4 (201)	
Chair(s)	Tae-Hyun Yoo Severance Hospital			
08:30-08:50	Statistical Considerations in KRCP	Hakmook Kang Vanderbilt University		
08:50-09:10	Recent trends in academic journal publishing, including the use of generative artificial intelligence	Sun Huh Hallym University		
09:10-09:30	Expectations for KRCP From Outside Korea	<b>Kent Doi</b> The University of Tokyo Gradu	ate School of Medicine	
09:30-09:50	The Role of the ErbB Receptor Family in Progressive Kidney Disease and Metabolic Syndrome	Ming-Zhi Zhang Vanderbilt University		
09:50-10:00	Q&A			
08:30-10:00	Asian Nephrology Forum Optimal Management of ESKD Patients in Asia	ENG→KOR	Room 5 (202)	
Chair(s)	Mai-Szu Wu Taipei Medical University Yoshiaki Takemoto Osaka Metropolitan University Hospital Sang-Ho Lee Kyung Hee University Hospital at Gangdong			
08:30-08:50	Conservative Kidney Management & Palliative Care: Dialysis Withhold and Withdrawal	Sung Joon Shin Dongguk University Ilsan Hosp	pital	
08:50-09:10	Strategies to Increase Kidney Transplantation	<b>Mai-Szu Wu</b> Taipei Medical University		
09:10-09:30	Patient Selection and Prescription of Hemodiafiltration	<b>Tomo Tadashi</b> Clinical Engineering Research Center, Oita University		
09:30-09:50	PD-first Policy in Hong Kong: Pros and Cons	Philip Kam-Tao Li Prince of Wales Hospital		
09:50-10:00	Q&A			

11:30-12:00 Coffee Break  11:00-11:30 Key Foundations for OPO Success III: Cultural Awareness and Public Engagement  Kidney Transplantation Special Session Structure and Function of Organ Procurement Organization for Deceased Kidney Transplantation in Asia  Chair(s)  Jeremy Chapman Westmead Hospital In-Sung Moon Korea Organ Donation Agency  Panel Discussion: Country Experience Cons and Pros in OPO  Panel Discussion: Country Experience Cons and Pros in OPO  Dialysis Specialist Physician Course 2 Vascular Access and Ultrasound in Nephrology  Chair(s)  Jung Geon Lee Nam Seoul Clinic  10:30-11:00  Monitoring and Surveillance in Hemodialysis Access  The Catholic University of Korea, Eunpyeong St. Maleon Heopital  11:30-12:00  Application of Ultrasound in Nephrology Other than Vascular  Eun Jung Kim	KOR → ENG	interpretation ENG → KOR Interpretation Oral Communication & Room 6 (E	inglish only) Plenary Lecture & Official Progra	
Chair(s) Curie Ahn Masonal Medical Center Yeong Hoon Kim Inje University Basen Palk Hoopital O9:00-09:30 Differences Between OPO Structures and Roles and Their Advantages and Disadvantages: (US vs Spain vs Australia) Masonal Healthcare Collaboration Rey Foundations for OPO Success I: Ethics, Compliance, Data Integrity, Amount Healthcare Collaboration Coordinators Rey Foundations for OPO Success II: Comprehensive Training for Coordinators Coordinators Rey Foundations for OPO Success III: Cultural Awareness and Public Engagement  Key Foundations for OPO Success III: Cultural Awareness and Public Engagement  Kidney Transplantation Special Session Structure and Function of Organ Procurement Organization for Deceased Kidney Transplantation in Asia  Chair(s) Jeremy Chapman Westmed Hoopida In-Sung Moon Korea Organ Donation Agency  Panel Discussion: Country Experience Cons and Pros in OPO  Panel Discussion: Country Experience Cons and Pros in OPO  Dialysis Specialist Physician Course 2 Vascular Access and Ultrasound in Nephrology  Chair(s) Jung Geon Lee Nam Seoul Clinic  Hyung Duk Kim He Cartonic University of Korea Europycong St. Ma Registration of Ultrasound  Application of Ultrasound  Application of Ultrasound  Application of Ultrasound in Nephrology Other than Vascular  Eur Jung Kim	00.00.10.00	•	P 4 (20)	
Yeong Hoon Kim Inje University Busan Palk Houpital	09:00-12:00	-	ENG KOOM 6 (20:	
and Disadvantages: (US vs Spain vs Australia)  Wey Foundations for OPO Success I: Ethics, Compliance, Data Integrity, and Healthcare Collaboration  Wey Foundations for OPO Success II: Comprehensive Training for Coordinators  Key Foundations for OPO Success II: Comprehensive Training for Coordinators  Key Foundations for OPO Success II: Comprehensive Training for Coordinators  Key Foundations for OPO Success III: Cultural Awareness and Public Engagement  Kidney Transplantation Special Session  Structure and Function of Organ Procurement Organization for Deceased Kidney Transplantation in Asia  Chair(s)  Jeremy Chapman Westmead Hospital In-Sung Moon Korea Organ Donation Agency  Panel Discussion: Country Experience Cons and Pros in OPO  Panel Discussion: Country Experience Cons and Pros in OPO  Dialysis Specialist Physician Course 2 Vascular Access and Ultrasound in Nephrology  Chair(s)  Jung Geon Lee Nam Secul Clinic  Monitoring and Surveillance in Hemodialysis Access  Hyung Duk Kim The Catholic University of Korea, Europyeong St. Marbospital  Wascular Ultrasound  Application of Ultrasound in Nephrology Other than Vascular  Application of Ultrasound in Nephrology Other than Vascular  Eng. Jung Kim	Chair(s)			
and Healthcare Collaboration  National Heart Institute  Dong Van He Vietnam National Coordinating Center for Human Cronsplantation (VNHOI)  Coffee Break  Key Foundations for OPO Success III: Cultural Awareness and Public Engagement  Key Foundations for OPO Success III: Cultural Awareness and Public Engagement  Kidney Transplantation Special Session  Structure and Function of Organ Procurement Organization for Deceased Kidney Transplantation in Asia  Chair(s)  Jeremy Chapman Westmead Hospital In-Sung Moon Korea Organ Donation Agency  Panel Discussion: Country Experience Cons and Pros in OPO  Panel Discussion: Country Experience Cons and Pros in OPO  Panel Discussion: Country Experience Cons and Pros in OPO  Dialysis Specialist Physician Course 2 Vascular Access and Ultrasound in Nephrology  Chair(s)  Jung Geon Lee Nam Seoul Clinic  Hyung Duk Kim The Captal  The Option Pascular Clinic  Hyung Duk Kim The Captal  The Option Pascular Clinic  Sangeon Gwoo Lifeline Vascular Clinic  Litaba-12-200  Application of Ultrasound in Nephrology Other than Vascular  Eun Jung Kim	09:00-09:30	/N		
Coordinators	09:30-10:00			
The Carbon Control of Control o	10:00-10:30	,	Vietnam National Coordinating Center for Human Organ	
Engagement  Kidney Transplantation Special Session Structure and Function of Organ Procurement Organization for Deceased Kidney Transplantation in Asia  Chair(s)  Jeremy Chapman Westmead Hospital In-Sung Moon Korea Organ Donation Agency  Panel Discussion: Country Experience Cons and Pros in OPO  Panel Discussion: Country Experience C	10:30-11:00	Coffee Break		
O9:00-12:00       Structure and Function of Organ Procurement Organization for Deceased Kidney Transplantation in Asia       ENG       Room 6 (Contain (s))         Chair(s)       Jeremy Chapman Westmead Hospital In-Sung Moon Korea Organ Donation Agency       Oderdene Lkhaakhuu First Central Hospital of Mongoli a Harun Ur Rashid Kidney Foundation Hospital and Research Institute Battsetseg Gonchigjav Regulatory Department of Cell, Tissue and Organ Transplantation, Center for Health Development         10:00-10:30       Coffee Break       Room 4 (201)         10:30-12:00       Dialysis Specialist Physician Course 2 Vascular Access and Ultrasound in Nephrology       ENG→KOR Room 1 (GBR 101-Vascular Hyung Duk Kim The Catholic University of Korea, Eunpyeong St. Malospital         10:30-11:00       Monitoring and Surveillance in Hemodialysis Access       Hyung Duk Kim The Catholic University of Korea, Eunpyeong St. Malospital         11:00-11:30       Vascular Ultrasound       Sangeon Gwoo Lifeline Vascular Clinic         11:30-12:00       Application of Ultrasound in Nephrology Other than Vascular       Eun Jung Kim	11:00-11:30	,		
In-Sung Moon Korea Organ Donation Agency  Oderdene Lkhaakhuu First Central Hospital of Mongoli a Harun Ur Rashid Kidney Foundation Hospital and Research Institute Battsetseg Gonchigjav Regulatory Department of Cell, Tissue and Organ Transplantation, Center for Health Development  10:00-10:30 Coffee Break Room 4 (201)  Dialysis Specialist Physician Course 2 Vascular Access and Ultrasound in Nephrology  Chair(s) Jung Geon Lee Nam Seoul Clinic  10:30-11:00 Monitoring and Surveillance in Hemodialysis Access  Hyung Duk Kim The Catholic University of Korea, Eunpyeong St. Ma Hospital  11:00-11:30 Vascular Ultrasound  Application of Ultrasound in Nephrology Other than Vascular  Eun Jung Kim	09:00-12:00	Structure and Function of Organ Procurement Organization for	ENG Room 6 (203	
11:30-12:00 Panel Discussion: Country Experience Cons and Pros in OPO Harun Ur Rashid Kidney Foundation Hospital and Research Institute Battsetseg Gonchigjav Regulatory Department of Cell, Tissue and Organ Transplantation, Center for Health Development  10:00-10:30 Coffee Break Room 4 (201)  10:30-12:00 Dialysis Specialist Physician Course 2 Vascular Access and Ultrasound in Nephrology  Chair(s) Jung Geon Lee Nam Seoul Clinic  10:30-11:00 Monitoring and Surveillance in Hemodialysis Access Hyung Duk Kim The Catholic University of Korea, Eunpyeong St. Ma Hospital  11:00-11:30 Vascular Ultrasound  Application of Ultrasound in Nephrology Other than Vascular  Eun Jung Kim	Chair(s)			
11:30-12:00 Panel Discussion: Country Experience Cons and Pros in OPO  Kidney Foundation Hospital and Research Institute Battsetseg Gonchigjav Regulatory Department of Cell, Tissue and Organ Transplantation, Center for Health Development  10:00-10:30 Coffee Break  Room 4 (201)  Dialysis Specialist Physician Course 2 Vascular Access and Ultrasound in Nephrology  Chair(s) Jung Geon Lee Nam Seoul Clinic  10:30-11:00 Monitoring and Surveillance in Hemodialysis Access  Hyung Duk Kim The Catholic University of Korea, Eunpyeong St. Ma Hospital  11:00-11:30 Vascular Ultrasound  Application of Ultrasound in Nephrology Other than Vascular  Eun Jung Kim				
Regulatory Department of Cell, Tissue and Organ Transplantation, Center for Health Development  10:00-10:30 Coffee Break Room 4 (201)  10:30-12:00 Dialysis Specialist Physician Course 2 Vascular Access and Ultrasound in Nephrology  Chair(s) Jung Geon Lee Nam Seoul Clinic  10:30-11:00 Monitoring and Surveillance in Hemodialysis Access Hyung Duk Kim The Catholic University of Korea, Eunpyeong St. Ma Hospital  11:00-11:30 Vascular Ultrasound  Application of Ultrasound in Nephrology Other than Vascular  Eun Jung Kim	11:30-12:00	Panel Discussion: Country Experience Cons and Pros in OPO		
Dialysis Specialist Physician Course 2       ENG→KOR       Room 1 (GBR 101-         Vascular Access and Ultrasound in Nephrology       The Catholic University of Korea, Eunpyeong St. Malospital         10:30-11:00       Monitoring and Surveillance in Hemodialysis Access       Hyung Duk Kim The Catholic University of Korea, Eunpyeong St. Malospital         11:00-11:30       Vascular Ultrasound       Sangeon Gwoo Lifeline Vascular Clinic         11:30-12:00       Application of Ultrasound in Nephrology Other than Vascular       Eun Jung Kim			Regulatory Department of Cell, Tissue and Organ	
Chair(s)       Jung Geon Lee Nam Seoul Clinic         10:30-11:00       Monitoring and Surveillance in Hemodialysis Access       Hyung Duk Kim The Catholic University of Korea, Eunpyeong St. Ma Hospital         11:00-11:30       Vascular Ultrasound       Sangeon Gwoo Lifeline Vascular Clinic         11:30-12:00       Application of Ultrasound in Nephrology Other than Vascular       Eun Jung Kim	10:00-10:30	Coffee Break	Room 4 (201)	
10:30-11:00 Monitoring and Surveillance in Hemodialysis Access Hyung Duk Kim The Catholic University of Korea, Eunpyeong St. Ma Hospital  11:00-11:30 Vascular Ultrasound Sangeon Gwoo Lifeline Vascular Clinic  Application of Ultrasound in Nephrology Other than Vascular Eun Jung Kim	10:30-12:00		ENG→KOR Room 1 (GBR 101-102	
10:30-11:00 Monitoring and Surveillance in Hemodialysis Access  The Catholic University of Korea, Eunpyeong St. Ma Hospital  11:00-11:30 Vascular Ultrasound  Sangeon Gwoo Lifeline Vascular Clinic  Application of Ultrasound in Nephrology Other than Vascular  Eun Jung Kim	Chair(s)	Jung Geon Lee Nam Seoul Clinic		
Application of Ultrasound in Nephrology Other than Vascular  Eun Jung Kim	10:30-11:00	Monitoring and Surveillance in Hemodialysis Access	The Catholic University of Korea, Eunpyeong St. Mary's	
11:3(1-17:11)	11:00-11:30	Vascular Ultrasound	•	
Transfer of the control of the contr	11:30-12:00	Application of Ultrasound in Nephrology Other than Vascular Ultrasound	<b>Eun Jung Kim</b> Hallym University Dongtan Sacred Heart Hospital	



10:30-12:00	Dialysis Nurse Course 2	KOR	Room 2 (GBR 103)
Chair(s)	Jin Hee Han Asan Medical Center		
10:30-11:00	투석환자의 가려움증 관리 Pruritus in Dialysis Patients	Bo Young Cl Hallym University	<b>hung</b> y Kangnam Sacred Heart Hospital
11:00-11:30	자동복막투석(APD)의 이해와 간호 The Patiend Care of Automated Peritoneal Dialysis (APD)	Mihye Kwak Asan Medical Ce	
11:30-12:00	혈액투석 중환자 관리 Critical Care for Hemodialysis - Unstable V/S Management	Hyun Young Samsung Medica	
10:30-12:00	APSN-ERA Joint Symposium	ENG→KOR	Room 3 (GBR 104-105)
Chair(s)	Xueqing Yu Guangdong Provincial People's Hospital Ivan Rychlik Charles University		
10:30-10:50	ADPKD Treatment and New European Guidelines on Tolvaptan	Vladimir Tes Charles Universit	· <del>- · ·</del>
10:50-11:10	Genetic- and Kidney Disease-related Asymptomatic Hyperuricemial Mechanisms and Clinical Implications	Stefanie Ste	
11:10-11:30	Modeling of Genetic Kidney Disease and Development of New Therapeutics Using Patient Derived Induced Pluripotent Stem Cells	Byung Ha C	hung versity of Korea, Seoul St. Mary's Hospita
11:30-11:50	Current Treatment Status of Fabry Nephropathy in Korea	Samel Park Soonchunhyang	University Cheonan Hospital
11:50-12:00	Q&A		
10:30-12:00	Disaster Response Symposium	ENG→KOR	Room 4 (201
Chair(s)	Won Min Hwang Konyang University Hospital  Dai Hai Choi Gumi CHA General Hospital		
10:30-11:00	Emergency Preparedness and Kidney Disease - Sharing Know-Hows of ISN RDPWG	Ali Abu-Alfa American Univer	
11:00-11:30	Dietary Plan for Korean Renal Hemodialysis Patients in a Disaster Emergency Situation	Yumi Jang University of Ulsa	an
11:30-12:00	Emergency Medical System for Disaster Response in Hospitals (Centered on Artificial Kidney Units)	Wookjin Cho	
10:30-12:00	APSN-APSDA-ASDIN Joint Symposium: Intervention Nephrology	ENG→KOR	Room 5 (202
Chair(s)	Takashi Sato Kaikoukai Vascular Access Treatment Center Sung Gyun Kim Hallym University Sacred Heart Hospital		
10:30-10:50	HD VA Endovascular Thrombectomy, Tips for Beginners	Ki Ryang Na	<b>h</b> onal University Hospital

KOR → ENG	G Interpretation ENG → KOR Interpretation Oral Communication & Room 6	(English only)	Plenary Lecture & Official Program
10:50-11:10	Ultrasound of Kidneys and Bladder: Clinical Case Scenarios	Vandana Niy Emory University	yyar v School of Medicine
11:10-11:30	Native Fistula Should Remain the First Choice of Vascular Access for Elderlies	Hideki Kawa Tsuchiya General	
11:30-11:50	Examination of Vascular Access: Best Practices and Tools	Jernej Pajek University Medic	tal Center Ljubljana
11:50-12:00	Q&A		
12:00-12:20	Closing Ceremony	ENG	Room 2, (GBR 103)



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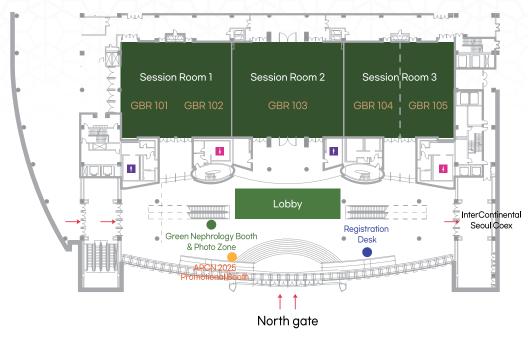
EDITOR-IN-CHIEF,

KIDNEY RESEARCH AND CLINICAL PRACTICE

Tae-Hyun Yoo

### Floor Plan

#### **Grand Ballroom, 1F, COEX**



#### **Session Room**

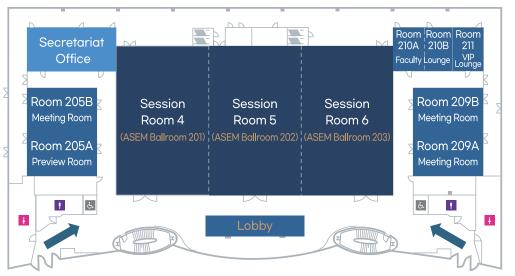
Session Room 1 (GBR 101+102) Session Room 2 (GBR 103) Session Room 3 (GBR 104+105)

#### **Registration Desk**

Green Nephrology Booth & Photo Zone

APCN 2025 Promotional Booth

#### **ASEM Ballroom, 2F, COEX**



#### **Session Room**

Session Room 4 (201) Session Room 5 (202)

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Session Room 6 (203)

#### **Business Meeting Room**

Room 205B

Room 209A

Room 209B

#### **Preview Room**

205A

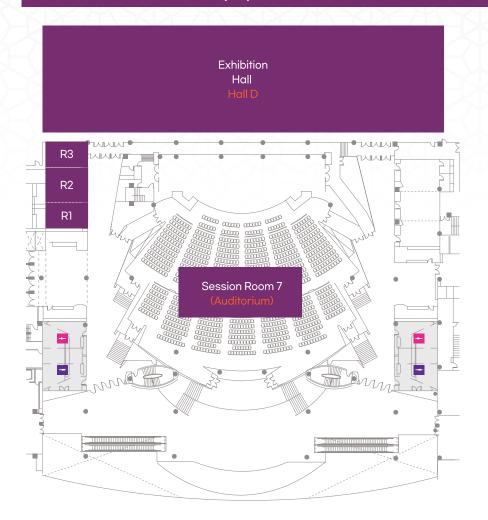
#### Lounge

Faculty Lounge (210) VIP Lounge (211)

Secretariat office



#### **Auditorium & Exhibition Hall, 3F, COEX**



#### **Session Room**

Session Room 7 (Auditorium)

#### **Business Meeting Room**

R1

R2

R3

#### **Exhibition (Hall D)**

Industrial Exhibition

Coffee Break

Poster Exhibition

Rest area

**Exhibitor Spotlight** 

Scientific Exhibition

Best Poster Presentation

Professional Societies' Corner

Seoul Promotional POP-UP Booth

# APCN KSN 2024

Asian Pacific Congress of Nephrology 2024 In conjunction with The 44th Annual Meeting of the Korean Society of Nephrology

# **Congress Information**

#### **OVERVIEW**

TITLE	Asian Pacific Congress of Nephrology 2024 in conjunction with the 44th Annual Meeting of the Korean Society of Nephrology (APCN & KSN 2024)
DATE	June 13 (Thu) – 16 (Sun), 2024
VENUE	COEX, Seoul, Korea
	55 2. 1, 55 5 5 1, 1.55 5
THEME	Promoting Sustainable Kidney Health: The Asia-Pacific and Beyond
HOSTED BY	The Korean Society of Nephrology (KSN) The Asian Pacific Society of Nephrology (APSN)
OFFICIAL LANGUAGE	English
WEBSITE	www.apcn2024.org
WEDSHE	www.apciizuz4.uig

#### **FACILITY OPENING HOURS**

#### **REGISTRATION DESK**

DATE	OPERATING HOURS	LOCATION
June 13 (Thu)	09:00 – 18:30	
June 14 (Fri)	07:30 – 18:30	CDD Labby (1E)
June 15 (Sat)	06:30 – 18:30	GBR Lobby (1F)
June 16 (Sun)	07:30 – 11:40	

#### **PREVIEW LOUNGE**

DATE	OPERATING HOURS	LOCATION	
June 13 (Thu)	09:00 – 18:30		
June 14 (Fri)	07:30 – 18:30	Doom 2054 (25)	
June 15 (Sat)	07:30 – 18:30	Room 205A (2F)	
June 16 (Sun)	07:30 – 12:00		

- Speakers are required to visit the Preview Lounge and upload their final presentation file(s) before their session begins to ensure that the backgrounds, graphics, and linked images or videos appear properly.
- Presentation materials should be brought on a USB memory stick.
- If a presentation includes animation(s), movie clip(s), or sound, please let the staff know in advance at the Preview Room.



#### **EXHIBITION HALL**

DATE	OPERATING HOURS	LOCATION	
June 13 (Thu)	10:00-17:00		
June 14 (Fri)	08:00-17:00	Hall D (3F)	
June 15 (Sat)	08:00-17:00	Hall D (SF)	
June 16 (Sun)	08:00-10:30		

#### **OFFICIAL & SOCIAL PROGRAMS**

**Opening Ceremony & Welcome Reception** 

**DATE & TIME** June 13 (Thu), 18:30~21:00

**VENUE** GBR 101-103 (1F)

ADMISSION No ticket or admission fee required, open to all participants

#### **Award Ceremony**

- June 14 (Fri): Award Ceremony (Priscilla Kincaid-Smith Award, Kirpal Chugh Award, Nephrology Journal Awards)

- June 15 (Sat): Award Ceremony (Young Investigator Award, Haiyan Wang Lecture Award)

TIME 13:00 - 13:30

VENUE Room 7, Auditorium (3F)

#### **Closing Ceremony**

**DATE & TIME** June 16 (Sun), 12:00-12:20

VENUE Room 2 (GBR 103)

#### **REFRESHMENTS**

#### Meals

Lunch boxes will be served at the Luncheon Symposium

June 13 (Thu), 12:30 -13:30

DATE & TIME

June 14 (Fri), 12:00 - 13:00

lung 15 (Ca+) 12:00 12:00

June 15 (Sat), 12:00 - 13:00

During Industry Symposium

Room 1 (GBR 101-102) (Excluding June 13(Thu))

VENUE Room 2 (GBR 103)

Room 3 (GBR 104-105)

Room 4 (Room 201)

#### **Coffee Break**

Revitalize your day with Fresh coffee and light refreshments! Coffee & Refreshments will be served as follows:

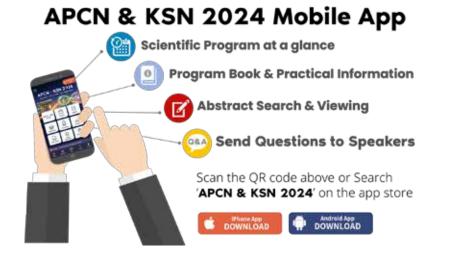
DATE	OPERATING HOURS	LOCATION
June 13 (Thu)	15:00 - 15:30	
June 14 (Fri)	10:00 - 10:30	
	14:20 - 15:00	
	16:30 - 17:00	Hall D (3F)
June 15 (Sat)	10:00 - 10:30	Hall D (SF)
	14:20 - 15:00	
	16:30 - 17:00	
June 16 (Sun)	10:00 - 10:30	

#### Wi-Fi

Free Wi-Fi provided by COEX will be available at the venue.

- Network Name: COEX Free Wi-Fi
- No password required

#### **MOBILE APP**





#### **CERTIFICATE OF ATTENDANCE**

All participants may download and print the certificate of attendance at My Page on the APCN & KSN 2024 website after the meeting ends.



#### **EVENT**

Go Green and Get Rewarded! Bring Your Own Cup for Green Nephrology!

WHO CAN PARTICIPATE

**REWARD** 

WHERE YOU GET REWARD

All registrants who own your cup

T Money (transportation) card

Registration Desk, Grand Ballroom Lobby 1F, COEX

- Limited supply available on a first come first serve basis
- Only redeemable once per person
- Use your T-money on taxi, bus, subway and convenience stores!

NOTE









Bus

Subway

Taxi

**Convenience store** (7-Eleven, cu, Emart 24, ministop etc.)

**Green Nephrology Booth & Photo Zone** 

Upload the photo taken at Green Nephrology photo zone on the APCN & KSN 2024 mobile app!











#### 연수평점 안내 (CME CREDIT FOR KOREAN)

대한의사협회 연수교육 지침에 따라 실제 세션을 수강하신 시간에 비례하여 평점이 인정됩니다.

7	7	분	6/13(목)	6/14(금)	6/15(토)	6/16(일)
대한의사협회		사협회	최대 6평점	최대 6평점	최대 6평점	<b>최대 3평점</b> 1) 일반 1점 2) 필수 2점+일반 1점
	대한내과학회	내과전문의 평생교육	1평점 (2시간 이상)	1평점 (2시간 이상)	1평점 (2시간 이상)	1평점 (2시간 이상)
	네한네파력외	내과전공의 외부학술대회	2평점 (학술대회 기간 중 총 3시간 이상 참석 시 총 2점 인정)		령)	

#### 세션별 평점

구분	세션	일자	평점	비고
대한의사협회 필수평점	Ethics Education 윤리교육	6/16(일) 08:30-10:30	최대 2평점 (부분평점 가능)	윤리교육 이수 시 필수 2평점, 타 세션 추가 이수 시 최대 일반 1평점 합산 가능 *전체 강의 수강시에 한하여 '윤리교육 이수증' 발급
대한내과학회 분과전문의	Hands on Session (인터벤션)	6/13(목) 11:00-12:30 13:30-15:00	최대 3평점 (3시간 미만 부분평점 없음)	별도 사전 등록 필요(등록 마감) *의사협회 일반 평점 중복 인정 가능 **내과학회 평생교육, 외부학술대회 평점 중복 불가

- 세션에 참석한 시간에 비례하여 이수 가능한 평점이 달라집니다.
- 대한의사협회 평점은 1시간 당 1점이 인정됩니다.
- 1시간 미만 참석 시에는 평점이 인정되지 않습니다.
- 세션 종료 1시간 전부터는 부분평점이 인정되지 않습니다.
- 회의장 입/퇴장 시 반드시 QR코드 인식하여 출결 기록을 해야 평점 인정 가능합니다. (1일 2회 이상)
- Break, Industry Symposium 시간은 체류시간에서 제외됩니다.



### **List of Invited Guests**

#### **SPEAKERS**

Ali Abu-Alfa

American University of Beirut

Rajiv Agarwal

Indiana University School of Medicine

Ghazali Ahmad

National Heart Institute

Jung Nam Ahn

Hallym University Sacred Heart Hospital

Shin Young Ahn

Korea University Guro Hospital

Stephen Alexander

Children's Hospital at Westmead

Katsuhiko Asanuma

Chiba University Graduate School of Medicine

Yingyos Avihingsanon

Chulalongkorn University

Eunjin Bae

Gyeongsang National University Changwon Hospital

Arvind Bagga

All India Institute of Medical Sciences

Tae Hyun Ban

The Catholic University of Korea, Eunpyeong St. Mary's Hospital

Jonathan Barratt

Leicester General Hospital

Sunita Bavanandan

Hospital Kuala Lumpur

Bernard Canaud

Montpellier University

Daniel C Cattran

University of Toronto

Ran-hui Cha

National Medical Center

Juliana Chan

The Chinese University of Hong Kong

Chia-Ter Chao

National Taiwan University Hosptial

Xin-Ming Chen

University of Sydney

David Z. I. Cherney

Toronto General Hospital Research Institute

Chih-Kang Chiang

National Taiwan University Hospital

Yeoungjee Cho

Princess Alexandra Hospital

Ajin Cho

Hallym University Kangnam Sacred Heart Hospital

Seunghyeok Choi

The Catholic University of Korea Seoul St. Mary's Hospital

Dongsic Choi

Soonchunhyang University College of Medicine

Wookjin Choi

Ulsan University Hospital

Eun Kyung Choi

Kyung Pook National University School of Medicine

Josephine Chow

University of New South Wales

Byung Ha Chung

The Catholic University of Korea Seoul St. Mary's Hospital

Sungjin Chung

The Catholic University of Korea, College of Medicine

Bo Young Chung

Hallym University Kangnam Sacred Heart Hospital

Borut Cizman

ProKidney Corp.

Vikas Dharnidharka

Washington University School of Medicine in St.Louis

Kent Doi

The University of Tokyo Graduate School of Medicine

Sharon Ford

Deputy Director Nephrology, Austin Health

Masafumi Fukagawa

Tokai University

Sandra Kanes Gill

University of Pittsburgh

Heounjeong Go

Asan Medical Center

Sangeon Gwoo

Lifeline Vascular Clinic

Dieter Haffner

Hannover Medical School

Young Rok Ham

Chungnam National University Hospital

Seung Seok Han

Seoul National University Hospital

Sang Youb Han

Inje University Ilsan Paik Hospital

Seung Hyeok Han

Severance Hospital

Dong Van He

Vietnam National Coordinating Center for Human Organ Transplantation (VNHOT)

Helen Healy

University of Queensland

Dirk M Hentschel

Harvard Medical School

Tomoko Horinouchi

Kobe University Graduate School of Medicine

Tobias B. Huber

University Medical Center Hamburg-Eppendorf

Sun Huh

Hallym University

Ng Kar Hui

National University Hospital

Daw-Yang Hwang

National Institute of Cancer Research

Seun Deuk Hwang

Inha University Hospital

Won Min Hwang

Konyang University Hospital

Young Youl Hyun

Kangbuk Samsung Hospital

Masato Ikeda

The Jikei University, Kashiwa Hospital

Alp Ikizler

Vanderbilt University School of Medicine

Takahiro Imaizumi

Nagoya University

Reiko Inagi

The University of Tokyo Graduate School of Medicine

Yasuhiko Ito

Aichi Medical University

Yasunori Iwata

Kanazawa University

Yumi Jang

University of Ulsan

David R.W. Jayne

Cambridge University Hospitals

Su Woong Jeong

Kyung Hee University Hospital at Gangdong

Eun-kyung Jeong

Seoul National University College of Medicine

Sang-Kyung Jo

Korea University Anam Hospital

Young Su Joo

Yongin Severance Hospital

Ji Yong Jung

Gachon University Gil Medical Center

Kamyar Kalantar-Zadeh

Harbor-UCLA Medical Center

Hee Gyung Kang

Seoul National University Hospital

Duk-Hee Kang

Ewha Womans University Seoul Hospital

Hakmook Kang

Vanderbilt University

Talerngsak Kanjanabuch

King Chulalongkorn Memorial Hospital

Tilakavati Karupaiah

Taylor's University

Manish Kaushik

Singapore General Hospital

Hideki Kawanishi

Tsuchiya General Hospital

Do Hyoung Kim

Hallym University Kangnam Sacred Heart Hospital

Hyung Duk Kim

The Catholic University of Korea, Eunpyeong St. Mary's Hospital

Eun Jung Kim

Hallym University Dongtan Sacred Heart Hospital

Sejoong Kim

Seoul National University Bundang Hospital

Yong Chul Kim

Seoul National University Hospital

Jwa-kyung Kim

Hallym University Sacred Heart Hospital

Dong Ki Kim

Seoul National University Hospital

Yong-Jin Kim

Kyungpook National University Hospital



Yunmi Kim

Inje University Busan Paik Hospital

Seong Heon Kim

Seoul National University Hospital

Sung Gyun Kim

Hallym University Sacred Heart Hospital

Yaeni Kim

The Catholic University of Korea, Seoul St. Mary's Hospital

Yaerim Kim

Keimyung University School of Medicine

Hyung Woo Kim

Severance Hospital

Jun Chul Kim

Gumi CHA Hospital

Gheun-Ho Kim

Hanyang University Medical Center

Tae Hee Kim

Inje University Busan Paik Hospital

Youkyoung Kim

**BAXTER** 

Hyun Suk Kim

Hallym University Chucheon Sacred Hearth Hospital

Hyo Jeong Kim

Gangnam Severance Hospital

Seo Rin Kim

Pusan National University Yangsan Hospital

Myung-Gyu Kim

Korea University Anam Hospital

So Mi Kim

Dankook University Hospital

Gang Jee Ko

Korea University Guro Hospital

Eun Sil Koh

The Catholic University of Korea, Yeouido St. Mary's Hospital

Csaba Kovesdy

University of Tennessee Health Science Center

Joseph Chin-Chi Kuo

China Medical University

Soo Heon Kwak

Seoul National University Hospital

Mihye Kwak

Asan Medical Center

Soonkil Kwon

Chungbuk National University Hospital

Soon Hyo Kwon

Soonchunhyang University Seoul Hospital

Tae-Hwan Kwon

Kyungpook National University School of Medicine

Chun-Fu Lai

National Taiwan University Hospital

Kelly Lambert

University of Wollongong

Beom Hee Lee

Asan Medical Center

Haekyung Lee

Soonchunhyang University Seoul Hospital

So-Young Lee

CHA University Bundang Medical Center

Sunhwa Lee

Kangwon National University Hospital

Sang-Ho Lee

Kyung Hee University Hospital at Gangdong

Young-Ki Lee

Hallym University Kangnam Sacred Heart Hospital

Jang Han Lee

Bundang Jesaeng General Hospital

Hyun Young Lee

Samsung Medical Center

Jintae Lee

Synopex Inc.

Hanbi Lee

The Catholic University of Korea, Seoul St. Mary's Hospital

Kyungho Lee

Samsung Medical Center

Sua Lee

Daejeon Eulji Medical Center, Eulji University

Eun-Young Lee

Catholic University of Pusan

Chenlei-Kelly Li

St George Hospital

Philip Kam-Tao Li

Prince of Wales Hospital

Adrian Liew

Mount Elizabeth Novena Hospital

Jeong-Hoon Lim

Kyungpook National University Chilgok Hospital

Hongli Lin

First Affiliated Hospital of Dalian Medical University

Melissa Little

Murdoch Children's Research Institute

Kathleen Liu

University of California San Francisco

Jicheng Lv

Peking University First Hospital

Alison Ma

Hong Kong Children's Hospital

Stephen Marks

Great Ormond Street Hospital

Mark R. Marshall Middlemore Hospital

Ikuto Masakane Yabuki Hospital

Hugh McCarthy
University of Sydney

Nick Medjeral-Thomas

Hammersmith Hospital / Imperial College London

Rajnish Mehrotra

University of Washington School of Medicine

Reshma Aziz Merchant National University Health System

Ju-Young Moon

Kyung Hee University Hospital at Gangdong

Lily Mushahar Hospital Tuanku Ja'afar

Satoru Muto

Juntendo University Faculty of Medicine

Ki Ryang Nah

Chungnam National University Hospital

Masaomi Nangaku

The University of Tokyo Graduate School of Medicine

K S Nayak Virinchi Hospitals

Saori Nishio

Hokkaido University Hospital

Vandana Niyyar

Emory University School of Medicine

Akihiro Nomura Kanazawa University

Camilla Nonterah
University of Richmond

Kajohnsak Noppakun Chiang Mai University Eun-Jee Oh

The Catholic University of Korea Seoul St. Mary's Hospital

Se Won Oh

Korea University Anam Hospital

Jun Oh

University Medical Center Hamburg-Eppendorf

Kenji Osafune Kyoto University Hospital

Marlies Ostermann King's College Hospital

Jernej Pajek

University Medical Center Ljubljana

Sun-Hee Park

Kyungpook National University Hospital

Hayne Park

Hallym University Kangnam Sacred Heart Hospital

Samel Park

Soonchunhyang University Cheonan Hospital

Sadudee Peerapornratana Chulalongkorn University

Henry Pleass

The University of Sydney

S. Russ Price
East Carolina University

Vinoth Kasi Rajan
Oueen Elizabeth Hospital

Jia Rao

Children's Hospital of Fudan University

Connie Rhee

University of California, Los Angeles

Eugene Rhee

Massachusetts General Hospital

Ian S D Roberts

Oxford University Hospitals NHS Foundation Trust

Peter Rossing

Steno Diabetes Center Copenhagen

Jung Hwa Ryu

Ewha Womans University Seoul Hospital

David J. Salant

Boston University School of Medicine

Judith Savige

The University of Melbourne

Franz Schaefer

Heidelberg University Hospital



Shaundeep Sen

Concord Repatriation General Hospital

Sanjeev Sethi

Mayo Clinic

Sung Joon Shin

Dongguk University Ilsan Hospital

Jae II Shin

Severance Hospital

Ho Sik Shin

Kosin University Gospel Hospital

Kelly D Smith

University of Washington

Nattachai Srisawat

Chulalongkorn University

Stefanie Steiger

LMU Hospital Munich

Sang Heon Suh

Chonnam National University Hospital

In O Sun

Presbyterian Medical Center

Yusuke Suzuki

Juntendo University Faculty of Medicine

Tomo Tadashi

Clinical Engineering Research Center, Oita University

Sydney Tang

The University of Hong Kong

Vladimir Tesar

Charles University

Stefan Tullius

Harvard Medical School

Katherine R. Tuttle

University of Washington

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Suxia Wang

Peking University First Hospital

Angela Yee-Moon Wang

Duke-NUS Medical School

Yoshihiko Watarai

Japanese Red Cross Aichi Medical Center, Nagoya Daini Hospital

Vin-Cent Wu

National Taiwan University Hospital

Mai-Szu Wu

Taipei Medical University

I-Wen Wu

Shuang Ho Hospital, Taipei Medical University

Yun Xia

Nanyang Technology University

Motoko Yanagita

Kyoto University

Jae Won Yang

Yonsei University Wonju Severance Christian Hospital

Jaeseok Yang

Severance Hospital

Zhiming Ye

Guangdong Provincial People's Hospital

Kyung Don Yoo

University of Ulsan College of Medicine

Hye Eun Yoon

The Catholic University of Korea, Incheon St. Mary's Hospital

Sunil Youn

Alexion Pharma Korea, L.L.C

Ming-Zhi Zhang

Vanderbilt University

Hong Zhang

Peking University First Hospital

Minghui Zhao

Peking University First Hospital

Cai-Mei Zheng

Taipei Medical University Shuang-Ho Hospital

**Guoping Zheng** 

University of Sydney

#### **CHAIR**

Seon Ho Ahn

Wonkwang University Hospital

Curie Ahn

National Medical Center

Eun Hui Bae

Chonnam National University Hospital

Chung Hee Baek

Asan Medical Center

Tae Hyun Ban

The Catholic University of Korea, Eunpyeong St. Mary's Hospital

Sunita Bavanandan Hospital Kuala Lumpur

Chang Su Boo Choo Medical Center

Guang-Yan Cai

Chinese People's Liberation Army (PLA) General Hospital

Eugene Yu-Hin Chan Hong Kong Children's Hospital

Jeremy Chapman Westmead Hospital

Chih-Kang Chiang

National Taiwan University Hospital

Ho Jun Chin

Seoul National University Bundang Hospital

Bum Soon Choi

The Catholic University of Korea, Eunpyeong St. Mary's Hospital

Dai Hai Choi

Gumi CHA General Hospital

Kyungho Choi

Seoul National University

Hoon Young Choi

Gangnam Severance Hospital

Byung Ha Chung

The Catholic University of Korea Seoul St. Mary's Hospital

Sungjin Chung

The Catholic University of Korea, College of Medicine

Khurtsbayar Damdinsuren

The First Central Hospital

Heon Yung Gee

Yonsei University College of Medicine

Hyo Wook Gil

Soonchunhyang University Cheonan Hospital

Hunjoo Ha

Ewha Womans University

Dieter Haffner

Hannover Medical School

Seung Seok Han

Seoul National University Hospital

Sang Youb Han

Inje University Ilsan Paik Hospital

Seung Hyeok Han

Severance Hospital

Jin Hee Han

Asan Medical Center

Seungyeup Han

Keimyung University Dongsan Hospital

Won Min Hwang

Konyang University Hospital

Reiko Inagi

The University of Tokyo Graduate School of Medicine

Jin Seok Jeon

Soonchunhyang University Seoul Hospital

Young Su Joo

Yongin Severance Hospital

Kwon Wook Joo

Seoul National University Hospital

Chan-Young Jung

Asan Medical Center

Kamyar Kalantar-Zadeh

Harbor-UCLA Medical Center

Hee Gyung Kang

Seoul National University Hospital

Duk-Hee Kang

Ewha Womans University Seoul Hospital

Manish Kaushik

Singapore General Hospital

Hideki Kawanishi

Tsuchiya General Hospital

Hyung Duk Kim

The Catholic University of Korea, Eunpyeong St. Mary's Hospital

Sejoong Kim

Seoul National University Bundang Hospital

Sung Gyun Kim

Hallym University Sacred Heart Hospital



Yaerim Kim

Keimyung University School of Medicine

Hyung Woo Kim

Severance Hospital

Ji Hong Kim

Gangnam Severance Hospital

Yon Su Kim

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Chan-Duck Kim

Kyungpook National University Hospital

Gheun-Ho Kim

Hanyang University Medical Center

Yang Wook Kim

Inje University Haeundae Paik Hospital

Yong Kyun Kim

The Catholic University of Korea, St. Vincent's Hospital

Soo Wan Kim

Chonnam National University Hospital

Yeong Hoon Kim

Inje University Busan Paik Hospital

Yong-Lim Kim

Kyungpook National University Hospital

Gang Jee Ko

Korea University Guro Hospital

Soonkil Kwon

Chungbuk National University Hospital

Soon Hyo Kwon

Soonchunhyang University Seoul Hospital

Sunhwa Lee

Kangwon National University Hospital

Eun Young Lee

Soonchunhyang University Cheonan Hospital

Sang-Ho Lee

Kyung Hee University Hospital at Gangdong

Jong Soo Lee

Ulsan University Hospital

Young-Ki Lee

Hallym University Kangnam Sacred Heart Hospital

Hankyu Lee

Lee Hankyu Clinic

Jung Geon Lee

Nam Seoul Clinic

Donghyung Lee

Beomil Yonsei Clinic & Hemodialysis Center

Jung Eun Lee

Yongin Severance Hospital

Adrian Liew

Mount Elizabeth Novena Hospital

Beom Jin Lim

Gangnam Severance Hospital

Chun Soo Lim

SMG-SNU Boramae Medical Center

Jicheng Lv

Peking University First Hospital

Alison Ma

Hong Kong Children's Hospital

Reshma Aziz Merchant

National University Health System

In-Sung Moon

Korea Organ Donation Agency

Lily Mushahar

Hospital Tuanku Ja'afar

Ki Ryang Nah

Chungnam National University Hospital

Koichi Nakanishi

University of the Ryukyus Hospital

Masaomi Nangaku

The University of Tokyo Graduate School of Medicine

K S Nayak

Virinchi Hospitals

Jack Ng

The Chinese University of Hong Kong

Vandana Niyyar

Emory University School of Medicine

Kandai Nozu

Kobe University Graduate School of Medicine

Se Won Oh

Korea University Anam Hospital

Kook-Hwan Oh

Seoul National University Hospital

Yun Kyu Oh

SMG-SNU Boramae Medical Center

Vuddhidej Ophascharoensuk

Chiang Mai University Thailand

Marlies Ostermann

King's College Hospital

Hoon Suk Park

The Catholic University of Korea, Seoul St. Mary's Hospital

Jong Hoon Park

Sookmyung Women's University

Hyeong Cheon Park

Gangnam Severance Hospital

Seung Ho Park

Hub IM Clinic

Mooyong Park

Soonchunhyang University Hospital Bucheon

Henry Pleass

The University of Sydney

Carol Pollock

North Shore Private Hospital

S. Russ Price

East Carolina University

Ivan Rychlik

Charles University

Takashi Sato

Kaikoukai Vascular Access Treatment Center

Eun Young Seong

Pusan National University Hospital

Seok-Joon Shin

The Catholic University of Korea, Incheon St. Mary's Hospital

Ho Sik Shin

Kosin University Gospel Hospital

Aditi Sinha

All India Institute of Medical Sciences

Sang Heon Song

Pusan National University Hospital

Nattachai Srisawat

Chulalongkorn University

Kamal Sud

Nepean Hospital

Yusuke Suzuki

Juntendo University Faculty of Medicine

Cheuk Chun Szeto

The Chinese University of Hong Kong

Yoshiaki Takemoto

Osaka Metropolitan University Hospital

Sydney Tang

The University of Hong Kong

Ken Tsuchiya

Tokyo Women's Medical University

Katherine R. Tuttle

University of Washington

Kornchanok Vareesangthip

Siriraj Hospital, Mahidol University

Robert J. Walker

Otago Medical School University of Otago

Suxia Wang

Peking University First Hospital

Muh Geot Wong

Concord Repatriation General Hospital

Germaine Wong

Westmead Hospital

Vin-Cent Wu

National Taiwan University Hospital

Mai-Szu Wu

Taipei Medical University

Motoko Yanagita

Kyoto University

Chul Woo Yang

The Catholic University of Korea, Seoul St. Mary's Hospital

Jihyun Yang

Kangbuk Samsung Hospital

Desmond Yat Hin Yap

Queen Mary Hospital

Kyung Don Yoo

University of Ulsan College of Medicine

Tae-Hyun Yoo

Severance Hospital

Hye Eun Yoon

The Catholic University of Korea, Incheon St. Mary's Hospital

Jong Woo Yoon

Hallym University Chucheon Sacred Hearth Hospital

Xueging Yu

Guangdong Provincial People's Hospital

Minghui Zhao

Peking University First Hospital



#### **PANEL**

Eun Kyung Choi

Kyung Pook National University School of Medicine

Seo Rin Kim

Pusan National University Yangsan Hospital

Eun-Young Lee

Catholic University of Pusan

Jae-Won Lee

G Sam Medical Center

Sung Joon Shin

Dongguk University Ilsan Hospital

In O Sun

Presbyterian Medical Center

#### **INSTRUCTOR**

Yong Seon Choi

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Hallym University Chucheon Sacred Heart Hospital

Sangeon Gwoo

Lifeline Vascular Clinic

Chang Min Heo

Inje University Haeundae Paik Hospital

Narae Joo

Hanmaeum Hospital

Do Hyoung Kim

Hallym University Kangnam Sacred Heart Hospital

Hyung Duk Kim

The Catholic University of Korea, Eunpyeong St. Mary's Hospital

In Soo Kim

Hallym University Sacred Heart Hospital

Eun Jung Kim

Hallym University Dongtan Sacred Heart Hospital

Jin Ho Lee

Leesin Hemodialysis and Intervention Clinic

Jeonghwan Lee

SMG-SNU Boramae Medical Center

Dong Hee Lee

Hallym University Sacred Heart Hospital

Hyung Seok Lee

Hallym University Sacred Heart Hospital

Hoon Suk Park

The Catholic University of Korea, Seoul St. Mary's Hospital

Hae Ryong Yun

Yongin Severance Hospital

### **Best Poster Presentation List**

### **BEST POSTER PRESENTATION 1 (June 14 (Fri), 14:20 – 15:00)**

				<b>ENG</b> Exhibition Hall
PRESENTATION TIME	POSTER BOARD NO.	TOPIC	TITLE	PRESENTING AUTHOR
14:20 - 14:24	P-787	Diabetic Kidney Disease + Metabolic Abnormality- related Kidney Disease	Inhibition of PCSK9 attenuates renal lipotoxicity by activating the AMPK-PGC-1a-FoxO3a signaling in diabetic kidney disease	<b>Yu Ah Hong</b> The Catholic University of Korea Daejeon St. Mary's Hospital
14:20-14:26	P-553	Hypertensive Kidney Disease + Vascular Biology in CKD	Synergistic Effects of Folate and Riboflavin on Vascular Calcification Amelioration in Uremic Rats	Shin Young Ahn Korea University Guro Hospital
14:26-14:32	P-181	Non-dialysis CKD	Association of Uremic Toxins with Immunosenescence in Patients with Chronic Kidney Disease	<b>Ting-Yun Lin</b> Taipei Tzu Chi Hospital
14:32-14:38	P-757	Interventional Nephrology	Comparison between the Frequency of Interventional Procedures for Flow-related Dysfunction in Tapered Grafts and Straight Grafts: Analysis Based on the Korean National Health Insurance Database from 2011 to 2018	<b>Jin Ha Jang</b> Hallym University Sacred Heart Hospita
14:38-14:44	P-523	Green Nephrology	Reducing Water Usage, Carbon Emissions, and Waste Generation in Dialysis Units: A Closed-Loop Water Recycling Approach for Sustainable Renal Care	Sahnaz Vivinda Putri International University Semen Indonesia
14:44-14:50	P-539	Renal Nutrition	Al-Driven Precision Nutrition for Chronic Kidney Disease Management Through Machine Learning Prediction of Phosphorus Bioavailability	<b>Rifaldy Fajar</b> Karlstad University



### **Best Poster Presentation List**

### **BEST POSTER PRESENTATION 2 (June 15 (Sat), 14:20 – 15:00)**

				<b>ENG</b> Exhibition Hall
PRESENTATION TIME	POSTER BOARD NO.	TOPIC	TITLE	PRESENTING AUTHOR
14:20 - 14:24	P-268	Pediatric Nephrology + Inherited Kidney Disease	Association with Dietary Sugar Intake and Hyperuricemia in Korean Children and Adolescents: Korea National Health and Nutrition Examination Survey	Sang Youn You Ganghwa-gun Public Health Center
14:20-14:26	P-458	Transplantation	Efficacy of integrated risk score using omics-based biomarkers for the prediction of acute rejection in kidney transplantation: A randomized prospective pilot study	<b>Mingyu Kim</b> Kyungpook National University Hospital
14:26-14:32	P-327	Glomerular and Tubulointerstitial Disorders	New Strategies for Improving Kidney dECM Recellularization Efficiency	BOYUN KIM rokithealthcare
14:32-14:38	P-097	Basic Research	Establishment of a Drug Screening Platform for Polycystic Kidney Disease using Human Urine Tubuloids	<b>Hye Youn Kim</b> Yonsei University College of Medicine
14:38-14:44	P-575	Dialysis	Influence of the method of addition of nitric oxide during hemodialysis on its antithrombotic effect.	MAYU FUKADA Kitasato University Graduate School
14:44-14:50	P-893	Fluid, Electrolyte and Acid-base Disorder	Interaction of the miR-466-699 clusters and Wnt signaling in cell proliferation of the aldosterone-sensitive distal nephron	<b>Hyo-Ju Jang</b> Kyungpook National University, School of Medicine
14:50-14:56	P-868	Renal Conservative Care + Geriatric Nephrology + Sarcopenia	Development of Dialysis Patient Exercise Therapy Support System I - Proposal for the Continuation of Exercise Therapy-	<b>Tokuo UMEDA</b> Former Kitasato University

### **Poster Exhibition**

BOARD NO.	TITLE	PRESENTING AUTHOR
P-002	Application of Macrophage Cell Membrane Encapsulated Poly(Ferulic Acid) Nanoparticle Drug Delivery System in Acute Kidney Injury	Yuanpeng Nie The Seventh Affiliated Hospital, Sun Yat-sen University
P-003	Caveolin-1 Protects Against Acute Kidney Injury via Regulating Endoplasmic Reticulum Stress induced Ferroptosis	Zhangzhe Peng Xiangya Hospital, Central South University
P-004	Efficacy and safety of remimazolam besylate -based sedation for intensive care unit patients with acute kidney injury: a prospective study	<b>Lilin Li</b> Yanbian University Hospital
P-005	Development of new method for continuous kidney replacement therapy weaning: a pilot study	Yohan Park Konyang University Hospital
P-006	The Function And Regulatory Mechanism of NOX4 in Rhabdomyolysis-induced Acute Kidney Injury	Zhuyun Zhang West China Hospital, Sichuan University
P-007	The Effect of Nafamostat Mesilate on Regulatory T cell population in Patients with Acute Kidney Injury receiving continuous renal replacement therapy	<b>Byung Hwa Park</b> Kosin University Gospel Hospital
P-008	Plasma humanin level in AKI and CKD patients	Wenjing Cai Guangdong Provincial People's Hospital (Guangdon Academy of Medical Sciences), Southern Medical University
P-009	N6-methyladenosine-modified circNfix attenuates sepsis-induced acute kidney injury by facilitating the ubiquitination of YTHDF2 and increasing DAPK2 mRNA stability	Peng Wang Guangdong Medical University
P-010	Dietary supplementation with Bacillus Superoxide dismutase protects against kidney ischemia reperfusion injury in mice.	<b>Jihyun Yang</b> Kangbuk Samsung Medical Center
P-011	Pharmacovigilance analysis of acute kidney injury associated with proteasome inhibitors in the Japanese Adverse Drug Event Report Database	Kazushi Uneda Aizu Medical Center, Fukushima Medical University
P-013	Interpretable Machine Learning Approach for Mortality Risk Assessment in ICU Patients with Heart Failure Complicated by Acute Kidney Injury	Xinyao Luo West China Hospital, Sichuan University
P-014	Rapid Complement Inhibition with the C5 Inhibitor Crovalimab: Timing Analysis Using Animal Model and Composer Trial Data	Xiaochun Zheng Shanghai Roche Pharmaceuticals Limited, Shangha
P-015	Toll-like receptor 4 mediates histone-induced endothelial dysfunction in septic acute kidney injury.	Yang Tinghang Department of Nephrology, West China Hospital, Sichuan University, Chengdu 610041, China.
P-016	Difference in Occurrence of Bevacizumab-Induced Nephrotoxicity Among Cancer Types	Sei-Hong Min Seoul National University Bundang Hospital
P-017	Therapeutic Effects of CRRT in Patients with Severe Acidosis Using Deep Learning-Based Causal Inference on MIMIC-III data	Min Woo Kang Seoul National University Hospital
P-018	Clinical impact of Wnt5a expression on persistence of acute kidney injury in patients with urosepsis	Jungho Shin Chung-Ang University Hospital



### **Poster Exhibition**

P-019	Clinical Significance of Urine Output at Continuous Renal Replacement Therapy Discontinuation on 1-year Mortality and Renal Outcome in Critically III Patients with Acute Kidney Injury	Sungmi Kim Division of Nephrology, Department of Internal Medicine, Eunpyeong St. Marys Hospital, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea
P-020	Stress hyperglycemia and subsequent cardiovascular or new-onset diabetes after acute kidney injury requiring continuous renal replacement therapy	Junseok Jeon Samsung Medical Center, Sungkyunkwan University School of Medicine
P-021	Machine Learning-Based Prediction of Contrast-Induced Nephropathy in Cardiac Catheterization Patients: A Prospective Cohort Study	Andi Nursanti Andi Ureng Andini Persada College of Health Sciences
P-022	tRF-Ala-CGC-023 Aggravates Renal Tubular Cell injury by Inhibiting MFN2 Expression and Promoting Mitochondrial Damage in Mouse AKI model	Xian Xie The Third Xiangya Hospital, Central South University
P-023	Emerging Trends and Focus of Toll-like Receptor and Kidney Disease: a 20-year Bibliometric Analysis	Xinyao Luo West China Hospital, Sichuan University
P-024	Association between Preoperative Proton Pump Inhibitor Use and Postoperative Acute Kidney Injury in Patients Undergoing Major Surgery	<b>Qing-Qing Zhou</b> Peking University First Hospital
P-025	Two Phase III Trials Evaluating Crovalimab in Patients with Atypical Haemolytic Uraemic Syndrome (aHUS): COMMUTE-a and COMMUTE-p	Ming-Hui Zhao Peking University First Hospital, Beijing
P-026	Gender-specific obesity paradox in critically ill patients with severe acute kidney injury	<b>Hyo Jin Jung</b> Kyungpook National University Hospital
P-027	Global risk of acute kidney injury and tubulointerstitial nephritis following anticancer drug administration, 1967-2023: long-term pharmacovigilance analysis	<b>Hyun Kyu Kim</b> Kyung Hee University Medical Center
P-028	The role of Ginsenoside Rg3 in Ischemia Reperfusion renal Injury Mice via AMPK and autophagy.	Dae Eun Choi Chungnam National University Hospital
P-029	Clinical manifestations of acute interstitial nephritis (AIN) according to infiltrating cells	Sungyeon Kim Korea University Anam Hospital
P-030	Risk evaluation of acute kidney injury associated with active vitamin D3 drugs: a pharmacovigilance study using the Japanese Adverse Drug Event Report Database	<b>Yuki Kawai</b> Teikyo University Graduate School
P-031	Multi-omics analysis revealed extracellular vesicle-mediated crosstalk between endotheliocyte and macrophage in ischemic acute kidney injury	Wenjuan Wang First Medical Center of Chinese PLA General Hospital
P-032	Copper oxide antioxidant nanoparticles alleviate cellular toxicity caused by colistin	Yun Seok Choi College of Medicine, Konyang University
P-033	Variant analysis Impacts on Nephrotoxicity induced Platinum Compound by Molecular Simulation and Network Interaction	Putrya Hawa Republic of Indonesia Defense University
P-034	Renal Manifestations in cancer patients treated with Immune Checkpoint Inhibitors	<b>Yu-Been Seo</b> Korea University Anam Hospital
P-035	Prediction of Contrast-associated Acute Kidney Injury With Machine- learning in Patients Undergoing Contrast-enhanced Computed Tomography at Emergency Room	<b>Kyungho Lee</b> Samsung Medical Center, Sungkyunkwan University School of Medicine

P-036	The cumulative detrimental effect of intradialytic hypotension on kidney recovery in patients with acute kidney injury receiving intermittent hemodialysis	Joon Hee Yoon Inha University Hospital
P-037	Biphasic Protective Effects of Macrophage Migration Inhibitory Factor in Ischemia/Reperfusion-Induced Acute Kidney Injury	<b>Yiwei Du</b> Tangdu Hospital, Air Force Military Medical Universit Peking univerisity First Hospital
P-038	Identification of Hub Genes and Biomarkers Associated with Oxidative Stress of Acute Kidney Injury Via Machine Learning Algorithm	Yiwei Du Tangdu Hospital, Air Force Military Medical Universit Peking univerisity First Hospital
P-039	Non-Albumin Proteinuria (NAP): An Accessible, Affordable, and Easy-to-Use Biomarker for Predicting Acute Kidney Injury in Acute heart failure (NAP-HF study)	Solos Jaturapisanukul Nephrology and Renal Replacement Therapy divisio Department of Internal Medicine, Faculty of Medicin Vajira Hospital, Navamindradhiraj University, Bangko Thailand.
P-040	Establishment of machine learning-based risk prediction model for acute kidney injury after acute myocardial infarction	Nan Ye Beijing Anzhen Hospital, Capital Medical University
P-041	The Association of Early Net Ultrafiltration Rate and 90-Day Mortality in Patients Receiving Continuous Renal Replacement Therapy	Peiyun Li Department of Nephrology, West China Hospital of Sichuan University
P-042	Silver nanoparticles of resveratrol attenuates renal damage in acute kidney injury induced by glycerol via apoptosis and anti-inflammatory effect	<b>Ekta Yadav</b> Sam Higginbottom University of Agriculture Technology & Sciences
P-043	Prediction of RRT Restart after Cessation of CRRT: A Multicenter Study	<b>Jiwon Min</b> The Catholic University of Korea Bucheon St. Mary's Hospital
P-044	Blood Perfusion with Polymyxin B Immobilized Columns in Patients with COVID-19 Requiring Oxygen Therapy: A Multicenter Prospective Cohort Study	<b>Daisuke Katagiri</b> National Center for Global Health and Medicine
P-045	A Study on the Effect of Acute Kidney Injury Prediction Artificial Intelligence Model on Medical Decision Making: A Preliminary Study	Giae Yun Seoul National University Bundang Hospital
P-046	The Role of Kidney Denervation in Preventing Interstitial Fibrosis Following Kidney Ischemia and Reperfusion Injury	<b>Daeun Moon</b> Jeju National University College of Medicine
P-047	Prediction Model of Acute Kidney injury in Patients with Acute Pesticide Poisoning	Nam-Jun Cho Soon Chun Hyang University Cheonan Hospital
P-048	Prediction of acute kidney injury in trauma patients using extreme gradient boosting (XGBoost) model	<b>Yongjin Yi</b> Dankook University Hospital
P-049	A Prospective Cohort Study of Community Acquired Acute Kidney Injury	<b>Jaskiran Kaur</b> Postgraduate Institute of Medical Education and Research
P-050	Effect of Low-sodium Diet in Patients with Heart Failure with Worsening Renal Function During Hospitalization	Minhyung Kim Samsung Medical Center, Sungkyunkwan University School of Medicine
P-051	The Potency of Ascorbic Acid to Prevent Contrast-Induced Nephropathy in Diabetic Foot Patient Undergoing Digital Subtraction Angiography	Gabriela Claudia Sebelas Maret University



P-052	Relationship Between Agricultural Vulnerability Exposure To Pesticides And Occurrence Of Kidney dysfunction Incidence In Indian Farmers And Vegetable Seller In Meerut District, India	Ankush Kumar SHAKUNTLA Hospital AND RESEARCH CENTER,
P-053	A Risk Score for Predicting Contrast-Enhanced Computed Tomography- Associated Acute Kidney Injury (Pre-CT AKI score)	Pattharawin Pattharanitima Thammasat University
P-054	Utility of Cystatin C as a Predictor for Postoperative Acute Kidney Injury in Non-Cardiac Surgeries	Hongtae Kim Chung-Ang University Hospital
P-055	Statin Use and In-hospital Outcomes among Hospitalized Patients with Kidney Dysfunction	<b>Linger Tang</b> Peking University First Hospital
P-056	Prognostic Analysis of Patients with Septic Acute Kidney Injury after Continuous Renal Replacement Therapy Using OXiris Filter	Siqi He The First Affiliated Hospital of Zhengzhou Universi Henan Province
P-057	Diagnostic Patterns Associated with Intensive Care UnitAcquired Acute Kidney Injury: A Comprehensive Analysis and Phenome-Wide Association Study	<b>Pei Chun Fan</b> Linkou Chang Gung Memorial Hospital
P-058	Post hoc Analysis of the VENUS Trial: Serum Sodium-Potassium Ratio as a Predictor of Mortality in Severe Acute Kidney Injury Patients Undergoing Continuous Renal Replacement Therapy	<b>Yun Jung Oh</b> H Plus Yangji Hospital
P-059	Experience of pediatric continuous kidney replacement therapy from a tertiary care centre	Sudarsan K Assistant Professor
P-060	PREDICTION OF MAJOR ADVERSE KIDNEY EVENTS IN ICU PATIENTS WITH USE OF RENAL ANGINA INDEX : PROSPECTIVE STUDY FROM A DEVELOPING COUNTRY	Mohamed Anas KMC Manipal
P-061	Renal Pathological Characteristics and Long-term Prognosis of Lupus Nephritis Patients Presenting with Acute Kidney Injury	<b>Jing Mao</b> Department of General Hospital of Ningxia Medic University
P-062	The Incidence, Associative Factors, and Outcomes of Acute Kidney Injury in Intensive Care Units in Malaysia	Kuan Yee Lim  Nephrology Unit, Department of Medicine, Facult of Medicine Universiti Kebangsaan Malaysia, Hosp Canselor Tuanku Muhriz
P-063	Clinical Profile Of AKI In Patients With Malignancy-A Single Center Experience	Mahesh Kota CONSULTANT CRITICAL CARE NEPHROLOGIST
P-064	Dietary supplementation with Bacillus Superoxide dismutase protects against contrast-induced acute kidney injury in mice	Young Eun Choi Korea University Anam Hospital
P-065	Relationship between high serum calcium phosphate levels and acute kidney injury during hospitalization	Ussanee Boonsrirat Prince of Songkla University
P-066	SOFA score at the time of CRRT initiation predicts the mortality of patients with acute kidney injury	<b>Donghui Shin</b> Wonju Severance Christian Hospital
P-067	Comparison of Conventional and High-Dose Continuous Kidney Replacement Therapy in Critically III Patients with Septic Acute Kidney Injury	<b>Jeehyun Heo</b> Asan Medical Center

P-068	External Validation of the Simple Postoperative AKI Risk (SPARK-AKI) Classification System in Predicting Post-Operative Acute Kidney Injury Among Filipino Adult Patients Undergoing Non-Cardiac Surgery in a Tertiary Hospital	Vincci Monique Salud Philippine General Hospital
P-069	Comparison of eGFR Cystatin C and eGFR Creatinine in Acute Kidney Injury	Sherzod Abdullaev Republican specialized scientific and practical medical center of nephrology and kidney transplantation
P-070	Real-time monitoring of hemodynamic stability in septic shock patients undergoing continuous renal replacement therapy: propensity scorematched comparison between oXiris and polysulfone membranes (HISTORIX trial)	Seong Geun Kim Inje University Sanggye Paik Hospital
P-071	Prevalence and Risk Factors of Acute Kidney Injury among Filipino Adults	Cherry Ann Durante Emilio Aguinaldo College
P-072	Comparison of circuit patency and exchange rates between the original and generic versions of nafamostat mesylate in critically ill adults receiving continuous renal replacement therapy	<b>Ye Na Kim</b> Kosin University Gospel Hospital
P-073	Non-traumatic Rhabdomyolysis As A Rare Complication From Lutetium- 177PSMA-617 In A 81 Year-old Male With Prostate Adenocarcinoma Stage IV	Ziggy Ryan Amores St. Luke's Medical Center Global City
P-074	Steroidal Mineralocorticoid Receptor Antagonist Plus Angiotensin Converting Enzyme-Inhibitor (ACEi) or Angiotensin Receptor Blocker (ARB) Versus Mono-Therapy ACE-i/ARB in Heart Failure Patients: Impact on Hyperkalemia and Acute Kidney Injury	<b>Eduward Thendiono</b> Bunda Hospital Gorontalo
P-075	Outcomes of sustained low-efficiency dialysis and continuous renal replacement therapy in ICU patients with acute kidney injury: A single center retrospective cohort study	<b>Miguel Manuel Mattus</b> Philippine Society of Nephrology
P-076	Cardiac surgery associated acute kidney injury, incidence, and predictors.  Prospective observational single center study	Nilufar Jabayeva National Research Cardiac Surgery Center
P-077	The Effect of Hemoperfusion on the Clinical Outcome of Severe and Critical COVID-19 patients admitted at the University of Santo Tomas Hospital: An Analytical Cohort Study	Cherryl Anne Umlas University of Santo Tomas Hospital
P-078	Clinical Profile & Outcomes Of AKI Cases At A Tertiary Care Centre In, Hyderabad, Telangana, India	Mahesh Kota MBBS,MD,IDCCM,DNB(NEPHROLOGY),CONSULTANT NEPHROLOGIST
P-079	Urine Microscopy as Predictor of Renal Replacement Therapy in Patients with Acute Kidney Injury	Mary Ann Espina Chong Hua Hospital
P-080	An Interesting Case of Colovesical Fistula Complicated by Severe Emphysematous Cystitis	Hye Jun Lee Wonkwang University School of Medicine & Hospital
P-081	HYPERLACTATION SYNDROME AND CAUSE STUDY OF ELEVATED PROLACTIN LEVELS IN ACUTE KIDNEY FAILURE CHILDREN IN MONGOLIA	Zolzaya Gantumur Mongolian Nephrology Association
P-082	Study of Novel Biomarkers in early prediction of Snake Bite induced Acute Kidney Injury: A Systematic Review	<b>Priti Solanky</b> GMERS Medical College, Valsad



P-083	Renal Infarction Caused by Spontaneous Renal Artery Dissection after Playing Golf	Seung Hee Jeong Presbyterian Medical Center
P-084	Rhabdomyolysis induced acute kidney injury cause by statin in patient with alcoholic liver cirrhosis: a case report	<b>Dongwon Kim</b> Eulji University Hospital
P-085	A case of severe acute kidney injury in a patient with lupus nephritis	<b>Ju Hwan Oh</b> Presbyterian Medical Center
P-086	Severe acute kidney injury associated with transformation of chronic myelomonocytic leukemia to acute myeloid leukemia: A case report	Seong-Wook Lee Kyungpook National University Hospital
P-087	Acute tubular necrosis with unusually prolonged and marked polyuria: a pediatric case report	<b>Ji Hyun Kim</b> Seoul National University Bundang Hospital
P-088	Mefenamic Acid Induced 'Classic Triad' Acute Interstitial Nephritis	Tessa Oktaramdani Ciptomangunkusumo National Hospital
P-089	Efficacy of hemodialysis and plasma exchange for ceftriaxone-induced encephalopathy in an elderly patient with acute kidney injury due to rapidly progressive glomerulonephritis: A case report	<b>Shohei Nagayama</b> Saiseikai Yokohamashi Nanbu Hospital
P-090	Acute Kidney Injury Post Renal in Elderly	<b>Dedy Kusnadi</b> medical faculty, hasanuddin University, Makassar, South Sulawesi Indonesia
P-091	Supportive Hemodialysis in Severe Malaria Falciparum with Acute Kidney Injury	<b>Denny Moniaga</b> University of Indonesia
P-092	Warfarin-related Nephropathy in Two Patients with Mechanical Valves	<b>Guoqin Wang</b> Beijing Anzhen Hospital, Capital Medical Universi
P-093	Korean multicenter study of data repository derived from patients with acute kidney injury requiring continuous kidney replacement therapy to overcome transition to acute kidney disease	<b>Jung Nam An</b> Hallym University Sacred Heart Hospital
P-094	To Study The Role of Artificial Intelligence in Early Prediction of Acute Kidney Injury in Pediatric Patients: Systematic review	Nilesh Chavda GMERS Medical College Valsad

Basic Research		
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P-098	The generation of renal cell carcinoma - kidney assembloids: A preclinical platform for anticancer drug screening and biomarker assessment in tumor microenvironment	<b>Sun Ah Nam</b> School of Medicine, The Catholic University of Korea
P-099	Glutamyl-prolyl-tRNA-synthetase 1 induces fibroblast activation to promote kidney fibrosis	Seung Seob Son Soonchunhyang University College of Medicine
P-100	Regulation of Bacterial Load in Leptospira-Infected Macrophages through IL-10: Significance for Leptospirosis Kidney Diseases	<b>Li-Fang Chou</b> Chang Gung Memorial Hospital

P-101	TMEM30A downregulation initiate podocyte injury through reducing glycolysis in focal segmental glomerulosclerosis	Yanpei Hou Sichuan Provincial People's Hospital
P-102	Renoprotective Effects of Empagliflozin in Obesity-Related Glomerulopathy Mice through Regulation the Gut-Kidney Axis	<b>Lei Lei</b> The seventh affiliated Hospital of Sun Yat-sen University
P-103	Unveiling the molecular signatures of macrophages in AKI-to-CKD	<b>Kyu Hong Kim</b> Seoul National University
P-104	Studying Organoid Phenotypes of CoQ10-deficient Glomerulopathy	Seyoung Yu Yonsei University College of Medicine
P-105	3D-printed Omentum Patch Transplantation Mitigates Fibrosis in Acute Kidney Injury to Chronic Kidney Disease Transition	Wencheng Jin Seoul National University
P-106	Alterations in Cell Cycle and MAP-kinase Pathway Contribute to the Transition from SMFs-associated Acute Renal Tubular Injury to Fibrosis: Field Direction Matters	Ran-Hui Cha National Medical Center
P-107	lleum Delivery of Budesonide by 3D Micro-structure Design for the Treatment of IgA Nephropathy	Xianghao Zuo Triastek, Inc.
P-108	Ezetimibe Mitigates Exacerbated Tubulointerstitial Fibrosis Resulting from P62 Knockout in a UUO Model: Insights from Spatial Transcriptomics and Histology	<b>Jisup Kim</b> Gachon University Gil Medical Center
P-109	Neither SGLT-2 Specific Inhibitor nor SGLT-1 Specific Inhibitor, only Dual SGLT-2/1 Inhibitor can Reduce Glucose Absorption and Improve Ultrafiltration during Peritoneal Dialysis in Rats	<b>Junpeng You</b> The First Affiliated Hospital of Zhengzhou Univers
P-110	Sequence determination of light chains causing cast nephropathy by de novo sequencing	Xin Wang Peking University
P-111	Single-cell transcriptome atlas in C57BL/6 mice encodes morphological phenotypes in the aging kidneys	Shanzhi Yang Guangdong Provincial Peoples Hospital
P-112	Characteristics of a novel rat model of autosomal recessive polycystic kidney disease with salt-sensitive hypertension	<b>Aya Yoshimura</b> Fujita Health University
P-113	Establishment of a rapidly progressing ADPKD model and verification of the effect of an AMPK activator (HL156A)	Hyunsuk Kim Chuncheon Sacred Heart Hospital
P-114	Comprehensive Characterization of MSCs-derived Extracellular Vesicles Using Different Culture Media: FBS versus HPL	Yue Zhang Southeast university
P-115	Protective Effects of Hibiscus Sabdariffa (Roselle) Against Hydrogen Peroxide-Induced Oxidative Stress in Zebrafish Kidney	Henkie Isahwan Ahmad Mulyadi La University College MAIWP International
P-116	Delivery of A4GALT targeting siRNA-lipid nanoparticle rescues fabry disease phenotypes in hiPSC derived endothelial cell and podocyte models	Yoo-Jin Shin The College of Medicine, The Catholic University of Korea
P-117	AST-120 Ameliorates Cognitive and Emotional Dysfunction in a 5/6 Nephrectomy Chronic Kidney Disease Model	Dong Jin Lee Soonchunhyang University Cheonan Hospital
P-118	Microtubule-associated protein tau causes CKD	Seong Woo Lee Soonchunhyang University college of Medicine



P-119	Tonsil-derived Mesenchymal Stem Cells ameliorate Peritoneal Fibrosis by Inhibiting Oxidative Stress	<b>Dal-Ah Kim</b> Ewha Womans University Medical Center
P-120	Collectin-11 promotes cell proliferation and regulates cell functions in renal fibroblasts via engaging EGFR and TGFRII	Wanbing Chen The Second Affiliated Hospital, School of Medicine, Xi'an Jiaotong University
P-121	The effect of PGC-1 on the interaction between HIF-1 and PKM2 to preserve mitochondrial metabolism in diabetic kidney disease	Jee Young Lee Konkuk University Medical Center
P-122	IGF-2 triggers epithelial-mesenchymal transition in mesothelial cells and contributes to the pathogenesis of dialysis-related peritoneal fibrosis.	Siqi Zheng Guangdong Provincial Peoples Hospital (Guangdong Academy of Medical Sciences), Southern Medical University, Guangzhou, China
P-123	Urine-Derived Stem Cell attenuated renal fibrosis in ischemia-reperfusion renal injury mice.	Hyerim Park Chungnam National University
P-124	Effects of Nutritional Ketosis Induced by Ketogenic Diet on Kidney Function and Metabolism in a Mouse Model of Diabetic Kidney Disease	Sol Been Park Seoul Women's University
P-125	The role of mast cells in the formation of tubulointerstitial fibrosis as a result of chronic kidney injury	Tatiana Kursova Clinical resident, Department of Hereditary and Acquired Kidney Diseases named after Professor M.S. Ignatova Research Clinical Institute of Pediatrics and Pediatric Surgery named after A.I. Academician Yu.E. Veltishchev
P-126	Renal Fibrosis: Understanding the Function and Mechanisms of TMEM52B	Rui Xue The First Affiliated Hospital of Shenzhen University, Shenzhen Second People's Hospital
P-127	Astragalus mongholicus Bunge and Panax notoginseng formula (A&P) Improves Renal Fibrosis in UUO Mice via Inhibiting the Long Non-coding RNA A330074K22Rik and Downregulating Ferroptosis Signaling	<b>Yue Huang</b> Southwest Medical University
P-128	Low dose colchicine inhibits the NLRP3 inflammasome activation to protect kidney fibrosis	Ga Young Heo Yonsei University College of Medicine
P-129	Improvement of brain function after hemodialysis in ESKD patients	Euljo Jeong Inje University Haeundae Paik Hospital
P-130	Dysregulated autophagy conrtibute to podocyte injury in Podocyte- Specific Yes-Associated Protein Deletion mice	<b>Jiaying Li</b> Division of Nephrology, Guangdong Provincial People's Hospital (Guangdong Academy of Medical Sciences), Southern Medical University, Guangzhou, 510080, China
P-131	Intercellular Communication Network of CellChat Uncovers Mechanisms of Kidney Fibrosis Based on Single-Cell RNA Sequencing	<b>Lei Lei</b> The seventh affiliated Hospital of Sun Yat-sen University
P-132	Novel Autotaxin inhibitor LCB17 ameliorates folic acid-induced kidney fibrosis	Na Kyung Hoon Soonchunhyang University College of Medicine
P-133	Proteomic Profiling of Transglutaminase 2 Inhibition in Human Kidney Tubular Epithelial Cells	Hong-Beom Park Seoul National University College of Medicine
P-134	Tissue Clearing: A Novel Tool for Visualization of Collagen Deposition in Injured Kidney	<b>Yoosun Joo</b> Kyung Hee University Hospital at Gangdong

P-135	The Role of Kidney Multiciliated Cells in Glomerular Disease Outcomes	<b>Jeonghwan Lee</b> Seoul National University Boramae Medical Cente
P-136	Empagliflozin attenuates epithelial to mesenchymal transition through senescence in a peritoneal dialysis model	Yunmee Lho Yeungnam University Medical Center
P-137	FGF-23 Gene Expression and DNA Polymorphism in Anemia Across Different Stages of Chronic Kidney Disease	Henkie Isahwan Ahmad Mulyadi La University College MAIWP International
P-138	Placental Growth Factor Overexpression Modulates Metabolic Pathways and Ketone Body Levels in Mice under Varying Dietary Conditions	Yaeni Kim The Catholic University of Korea Seoul St. Mary's Hospital
P-139	Glucagon-like peptide-1 receptor agonist improves kidney structure and function in chronic kidney disease	Hee Seul Jeong Soonchunhyang University College of Medicine
P-140	Knockout of PTP4A1 ameliorate renal fibrosis induced by unilateral ureteral obstruction in mice.	Hyerim Park Chungnam National University
P-141	TREM2 Macrophage Regulates the Process of AKI-CKD Transition by Suppressing Inflammation via a PI3K/Akt Signaling Pathway.	Yating Zhang Sun Yat-sen Memorial Hospital, Guangzhou
P-142	Overview of Kidney Disease Diagnosis in Hemodialysis Patients and Hemodialysis Procedures in Indonesia on 2014-2020	<b>Derizal Derizal</b> IP Trisakti
P-143	Breaking Ground in CKD Therapy: Harnessing Resveratrol Derivatives to Combat Renal Fibrosis via Transforming Growth Factor Beta 1 Receptor Inhibition	<b>Rian Ka Praja</b> Faculty of Medicine, Universitas Palangka Raya
P-144	The role of montelukast in hypertensive nephropathy	Eun Jin Bae Gyeongsang National University Changwon Hos
P-145	Autophagy caused by oxidative stress promotes TGF-1-induced epithelial-to-mesenchymal transition in human peritoneal mesothelial cells	Se-hyun Oh Kyungpook National University Hospital
P-146	Protective Effect of Vericiguat, soluble guanylate cyclase (sGC) stimulator, in Attenuating Renal Aging	In Soo Kim Hallym University Sacred Heart Hospital
P-147	STAT3 blockade ameliorates LPS-induced acute kidney injury through macrophage-driven inflammation	Seongmin Lee Seoul National University College of Medicine
P-148	Prevalence and Antibiotic Susceptibility Pattern of Uropathogens in Outpatients at The Third Central Hospital, Mongolia	Sarangerel Garamjav The Third Central Hospital
P-149	Knowledge Mapping of CRISPRCas9 in Nephrology: A Bibliometric Analysis	Wenlong Qiu General Hospital of Ningxia Medical University
P-150	Robot-Assisted Kidney Imaging: Transforming Kidney Ultrasound Practices	Muhammad Umair Ahmad Khan University of Engineering and Technology Narov Campus
P-151	Inhibiting STAT3 promotes G1 arrest downregulation in magnetic field induced injury on cilia by enhancing calcium intake	Seong Joon Park Seoul National University College of Medicine
P-152	The Association Between Lifestyle-Related Risk Factors and Renal Progression	Po-Ya Chang  National Taipei University of Nursing and Health Science



P-153	Alleviation of Chronic Kidney Disease by Combinational Approach of Resveratrol and Cinnamic Acid in Rodents by Regulating Gut Microbiota and Inflammation	Ekta Yadav Sam Higginbottom University of Agriculture Technology & Sciences
P-154	NOX2 Inhibition as a Therapeutic Strategy for AKI-to-CKD Transition: Efficacy in Fibrosis and Cell Cycle Arrest	Jeonghwan Lee Seoul National University Boramae Medical Center
P-155	YAP Activation Mediates Myofibroblast Transformation and Senescence during Repeated Treatment with Cisplatin in Kidney Fibroblasts	<b>Jiabin Yu</b> Jeju National University
P-156	Choroid plexus enlargement in patients with end-stage renal disease: implications for glymphatic system dysfunction	<b>Jiyae Yi</b> Inje University Haeundae Paik Hospital
P-157	Protective roles of proximal tubular Sirt6 in resiquimod-induced murine lupus nephritis model	<b>Kyung Pyo Kang</b> Jeonbuk National University Hospital
P-158	Impact of Ring Finger Protein 20 and Its Downstream Regulation on Renal Tubular Injury in a Unilateral Nephrectomy Mouse Model Fed a High-Fat Diet	You-Jin Kim Kyungpook National University Hospital
P-159	AMPK activation ameliorates angiotensin II-induced downregulation of podocyte ZO-1	Tae-Sun Ha Chungbuk National University Hospital
P-160	Exosome derived myomiRNA in hemodialysis patients: search for non-invasive sarcopenia biomarker	<b>Janghee Cho</b> Gangnam Severance Hospital
P-161	Multilayer network analysis in patients with end-stage renal disease: integrating insights into structural and functional layers	Yoo Jin Lee Inje University Haeundae Paik Hospital
P-162	Production and Cytotoxic effects of Chemotherapeutic Pigment Prodigiosin on HL60 and K562 tumor cell lines.	<b>Girish Pendharkar</b> Sadguru Gadage Maharaj College, Karad.
P-163	Alterations in frequency and function exhausted memory B cells in lupus nephritis	<b>Litong Zhu</b> The University of Hong Kong
P-164	Synergistic Nephroprotective Effects of Terminalia chebula and Annona muricata in Mitigating Renal Toxicity in Zebrafish	Rushduddin Al Jufri Bin Roosli UNIVERSITY COLLEGE MAIWP INTERNATIONAL
P-165	Maternal Exposure to Fine Particulate Matter Impairs Renal Vascular Homeostasis in Adult Male Rat Offspring: Impact of Maternal Vitamin D Supplementation	<b>Hyung Eun Yim</b> Korea University Ansan Hospital
P-166	Inhibition of STAT3 mitigates fibrosis development in AKI-to-CKD by enhancing anti-oxidative responses	<b>Ji Won Lee</b> Seoul National Unversity
P-167	Acetylase Sirtuin 6 Expression in Kidneys	<b>Huiwen Ren</b> Dalian Medical University
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P-871	Mildly to moderate impairment of renal function and cardiovascular or kidney outcomes in an older population	<b>Junseok Jeon</b> Samsung Medical Center, Sungkyunkwan Universichool of Medicine
P-872	1,25-Dihydroxyvitamin D is Independently Associated with Sarcopenia in Patients with Pre-dialysis Chronic Kidney Disease	<b>Kyu Won Jang</b> Pusan National University Yangsan Hospital
P-873	The association of the combination of handgrip strength and cardiorespiratory fitness with incident chronic kidney disease: A UK biobank observational study	<b>Keonhwa Kim</b> Severance Hospital
P-874	CD25+ Tregs are associated with cardiac remodeling and prognosis in older patients with chronic kidney disease	Ganyuan He Guangdong Provincial People's Hospital (Guang Academy of Medical Sciences), Southern Medical University
P-875	The subtype of sarcopenia and physical frailty, cachexia in older patients undergoing hemodialysis: A preliminary, observational study in Japanese dialysis facilities	Masakazu Saitoh JUNTENDO UNIVERSITY
P-876	Differential Composition of CT-derived Visceral and Subcutaneous Fat in Sarcopenic Chronic Kidney Disease Patients	Seok-hyung Kim Chuncheon Sacred Heart Hospital
P-877	The impact of skeletal muscle mass on BMD in ESRD patients initiating hemodialysis	<b>Hwajin Park</b> The Catholic University of Korea Daejeon St. Mar Hospital
P-878	Development of Dialysis Patient Exercise Therapy Support System II -Trial Production of Function to Promote Continuation of Exercise Therapy-	Akiko Okawa Mie Prefectural College of Nursing
P-879	Socioeconomic Disparities in the Relationship Between Chronic Kidney Disease and Mental Health in Indonesian Households	Rodhiah Umaroh Faculty of Economics and Business, Universitas Pembangunan Nasional Veteran Yogyakarta
P-880	The Impact of Body Mass Index on Mortality in Accordance with Age in Hemodialysis Patients: Data from Korean Renal Data System (KORDS)	<b>Hyunglae Kim</b> The Catholic University of Korea St. Vincent's Ho
P-881	Preferences for DNR and Hospice in Patients with End-Stage Renal Disease: A Preliminary Report	<b>Chan-Shiuan Kuo</b> National Taiwan University Hospital, Taipei
P-882	Long-Term Renal Prognosis In Urologic Cancer Patients After Nephrectomy	Suk Min Chung



P-883	Use of Colchicine and Adverse Cardiovascular Events in Patients with Gout: A Nationwide Nested Case-control Study in South Korea	Hyung Woo Kim Severance Hospital
P-884	Sleep problems in adults with chronic kidney disease: a scoping review of systematic reviews	<b>Ginger Chu</b> nurse academic
P-885	Renal insufficiency was associated with a higher incidence of hip fracture, but not vertebral fracture.	Sungmin Kim Korea University Guro Hospital
P-886	Association between CKD and frailty, nutritional status, and cognitive impairment and their impact on clinical outcome	Yoomee Kang Gyeongsang National University Changwon Hospi
P-887	DOES THE GLOMERULAR FILTRATION RATE ESTIMATED BY SERUM CYSTATIN C TRULY DECREASE IN GERIATRIC PATIENTS WITH DIABETES?	Thanh-Tam Tran-Thai Can Tho University of Medicine and Pharmacy
P-888	Assessing FGF-23 Gene Expression in Anemic Chronic Kidney Disease: A Biomarker Perspective	Henkie Isahwan Ahmad Mulyadi Lai University College MAIWP International
P-889	Assessing the Impact of Rooftop Gardens on the Quality of Life of Kidney Transplant Recipients in Urban Environments	Sahnaz Vivinda Putri International University Semen Indonesia
P-890	Challenges in the Shadows: Invasive Fungal Infections in Geriatric Chronic Kidney Disease Patients	Archit Goel All India Institute of Medical Sciences Bathinda
P-891	Purple Urine Bag Syndrome in an Elderly Female with Cerebrovascular Disease	Katrina Pattaguan Veterans Memorial Medical Center

Fluid, Electrolyte and Acid-base Disorder			
BOARD NO.	TITLE	PRESENTING AUTHOR	
P-892	Interaction of the miR-466-699 clusters and Wnt signaling in cell proliferation of the aldosterone-sensitive distal nephron	<b>Hyo-Ju Jang</b> Kyungpook National University, School of Medicine	
P-893	Clinical impacts of the fluid protocol and the overcorrection of preexisting hyponatremia in critically ill patients receiving continuous renal replacement therapy	Hojin Jeon Samsung Medical Center, Sungkyunkwan University School of Medicine	
P-894	Association between urine sodium to potassium ratio and control of hypertension in Korean Adults: From the Korea National Health and Nutrition Examination Survey 2007 to 2020	<b>Jongin Choi</b> Haenam Woori Hospital	
P-895	Validating the Effectiveness of Masked Autoencoder for Dyskalemia Detection from Electrocardiograms	Jung Nam An Hallym University Sacred Heart Hospital	
P-897	Reliability Comparison between a Large Language Model and Nephrologist in Analyzing Acid-Base Disorders in Critically III Patients	So Young Lee The Catholic University of Korea Yeouido St. Mary's Hospital	
P-898	Comparison and Evaluation between second-generation PTH assay and LC-MS/MS for PTH	Min-Sun Kim Soon Chun Hyang University Cheonan Hospital	
P-899	Chronic Kidney Disease Patients' Acceptance and Adherence to Oral Sodium Bicarbonate - a Malaysian Experience	<b>Jaime Yoke May Chan</b> Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia	

P-900	Sodium Bicarbonate Supplementation may be Harmful in Septic patients with Severe Lactic Acidosis: a Retrospective Analysis.	Dong Eun Yang Dong-A University Hospital
P-901	Novel Genetic Variants in Koreans causing Gitelman Syndrome	<b>Ji Won Lee</b> Konyang University Hospital
P-902	Transitional Care for Chronic Kidney Disease with Fluid Overload: from Hospital to Home	<b>Zhihua Huang</b> Singapore General Hospital
P-903	24-hour Urinary Mineral Excretion and Its Developmental Trajectory and Longitudinal Changes in Relation to Renal Deterioration in Patients with CKD	<b>Xinru Guo</b> Medical School of Nankai University
P-904	A Case of Type I Renal Tubular Acidosis with Type I Diabetes Mellitus	<b>Lucky Joy Alcabedos</b> Ospital ng Maynila Medical Center
P-905	CASE REPORT OF GENETICALLY CAUSED SEVERE HYPOKALEMIA	Janibek Baimurat State Second Central Hospital
P-906	An Interesting Case of Mineralocorticoid Deficiency and Progressive Kidney Insufficiency after Unilateral Adrenalectomy	Hye Jun Lee Wonkwang University School of Medicine & Hospital
P-907	A Solution to Continuous Kidney Replacement Therapy in a Background of Hyponatremia with Limited Technical Support: A Case Series	Kuan Yee Lim  Nephrology Unit, Department of Medicine, Hospital Canselor Tuanku Muhriz, Faculty of Medicine, Universiti Kebangsaan Malaysia
P-908	Loss of Consciousness after Ingestion of an Oral Sulfate Tablet for Bowel Preparation for Colonoscopy	Min Seok Shin Soon Chun Hyang University Cheonan Hospital
P-909	Hiccup-Induced Syndrome of Inappropriate Antidiuretic Hormone Secretion Leading to Severe Hyponatremia	Sunmin Lee Hanyang University Guri Hospital
P-910	Use of Tolvaptan in the Management of Tumor Lysis Syndrome in a patient diagnosed with Myelofibrosis with Acute Myeloid Leukemia transformation	Abigayle Therese Guiritan St. Luke's Medical Center Quezon City
P-911	A case of Gitelman syndrome with SLC12A3 gene mutation	<b>Yi-An Huang</b> China Medical University, Taiwan
P-912	Hypokalemic Periodic Paralysis due to Distal Renal Tubular Acidosis: Case Report in A Female Adult	<b>Edy Nur Rachman</b> Universitas Sriwijaya
P-913	Refractory Hypokalemia Periodic Paralysis in Type 1 Renal Tubular Acidosis	Yohanna Fransisca Sinuhaji Faculty of Medicine, Universitas Sumatera Utara, Indonesia
P-914	A Rare Case of a 34-Year old Filipino Male with Sporadic Gastric Spindle Cell Carcinoma presented with Diabetes Insipidus	Hazel Ann Gianelli Cu St Luke's Medical Center
P-915	Hypokalemic periodic paralysis and renal tubular acidosis in autoimmune	<b>Muhammad Fikri</b> Department of Internal Medicine, Faculty of Medicine University of North Sumatra, Medan, Indonesia
P-916	A 72-year-old Woman with Metabolic Acidosis, Acute Kidney Injury, and STEMI Complications: A Rare Case of Liquid Rodenticide Intoxication	Melinda Didi Yudhanti Yogyakarta Regional General Hospital
P-917	Leontiasis Ossea - A Case Report on Sagliker Syndrome in a 55-Year-Old Female	Frances Eunice Alcober Remedios Trinidad Romualdez Hospital



P	P-918	The third-day blood lactate levels and APACHE III are important for predicting mortality in intensive care patients: Analysis from Physionet data	Wonsuk An Dong-A University Hospital
	P-919	Revealing Silent Polyuria in Pregnancy: from Refractory Hypokalemia and Hypomagnesemia to a Challenging Diagnosis of Diabetes Insipidus	Putri Ardiyanti Brawijaya University, Internal Medicine Department

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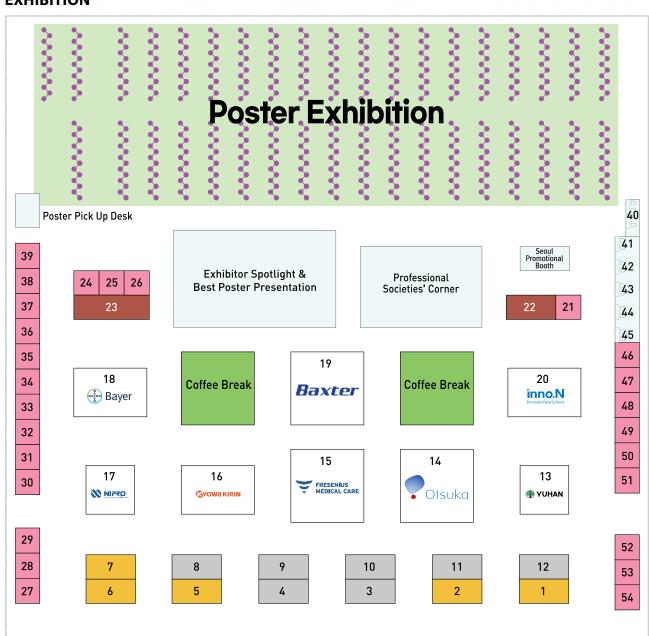




#### **EXHIBITION LAYOUT**

	DATE	OPERATING HOURS	LOCATION
1	June 13 (Thu)	10:00-17:00	
	June 14 (Fri)	08:00-17:00	Hall D (25)
	June 15 (Sat)	08:00-17:00	Hall D (3F)
	June 16 (Sun)	08:00-10:30	

#### **EXHIBITION**





NO.	COMPANY	NO.	COMPANY
1	Astellas Pharma Korea	28	AY Trading Co.,Ltd
2	Hanmi Pharmaceutical Co., Ltd.	29	MS MEDICAL
3	Boehringer Ingelheim Korea / Lilly Korea	30	JW Pharmaceutical
4	Chong Kun Dang Pharm.	31	Sanofi
5	Vera Therapeutics	32	Daiichisankyo
6	SK Chemicals	33	Transonic (HAJOO)
7	DAEWON	34	Firson Healthcare
8	Astrazeneca Korea	35	National Hospice Center
9	VUNO Inc.	36	George Clinical
10	BORYUNG	37	QuidelOrtho
11	Organon Korea	38	Jiangxi Sanxin Medtec Co., Ltd
12	HANDOK	39	MECOBI
13	Yuhan	40	Gyeongju Hwabaek Convention Center (HICO)
14	Korea Otsuka Pharm.	41	KOONJA
15	Fresenius Medical Care	42	HealthBreeze
16	KYOWA KIRIN	43	VITALLINK
17	NIPRO	44	Rgenorgano Biotechnology
18	Bayer	45	Panmun Education
19	Baxter	46	Fresenius Kabi Korea
20	HK inno.N	47	Roche Korea
21	The Korea United Pharm	48	Pfizer
22	ALVOGEN KOREA	49	Dow Biomedica Inc.
23	Synopex Inc.	50	B. Braun Korea
24	ROKIT HEALTHCARE	51	Everest Medicines Korea
25	Modunuri HealthCare	52	Kwangdong
26	EATMAPL	53	Novartis Korea
27	Samjin Pharm	54	Bain Medical/BL Korea

#### **PROFESSIONAL SOCIETIES' CORNER**

Join us at the APCN & KSN 2024 Congress for the "Professional Societies' Coner", held alongside the exhibition for affiliated nephrology societies. This dedicated space will feature participation from various esteemed organizations, including the International Society of Nephrology (ISN) and the International Society for Peritoneal Dialysis (ISPD). Take advantage of this unique opportunity to learn more about these societies and explore potential collaborations within the nephrology community.

#### **INDUSTRY SYMPOSIUM**

#### JUNE 13 (THU) 12:30-13:30 | ROOM 02 (GBR 103)

Global·R&D Leader Hanmi Pharm. Co., Ltd.	CHAIR(S)	Eun Young Seong (Pusan National University Hospital) Ki Ryang Nah (Chungnam National University Hospital)
	SPEAKER(S)	Optimal Comorbidity Management for CV Protection in Hypertensive Patients With Dyslipidemia Hyun Suk Kim (Hallym University Chucheon Sacred Hearth Hospital)  Ideal Treatment Option to Manage LDL-C in CKD Patients Ji Yong Jung (Gachon University Gil Medical Center)
		Discussion

#### JUNE 13 (THU) 12:30-13:30 | ROOM 03 (GBR 104-105)

Session Title: Targeting the Source of IgA Nephropathy: Focus on BAFF and APRIL Pathways



CHAIR(S)	Adrian Liew (Mount Elizabeth Novena Hospital)  Sydney Tang (The University of Hong Kong)
SPEAKER(S)	Introduction Adrian Liew (Mount Elizabeth Novena Hospital)
	Overview of the Pathogenesis and The Role of Cytokines BAFF and APRIL in IgAN Sydney Tang (The University of Hong Kong)
	Atacicept: Investigative Therapies Targeting BAFF and APRIL Adrian Liew (Mount Elizabeth Novena Hospital)
	Q&A

#### JUNE 13 (THU) 12:30-13:30 | ROOM 04 (201)



#### JUNE 14 (FRI) 12:00-13:00 | ROOM 01 (GBR 101-102)





#### JUNE 14 (FRI) 12:00-13:00 | ROOM 02 (GBR 103)



CHAIR(S)	Yong-Lim Kim (Kyungpook National University Hospital)
SPEAKER(S)	The Future of PD: PD in 2024 and Beyond Rajnish Mehrotra (University of Washington School of Medicine)
	Remote Monitoring, Maximizes Patient Management   Sharesource & MyPD Yong Chul Kim (Seoul National University Hospital)

#### JUNE 14 (FRI) 12:00-13:00 | ROOM 3 (GBR 104-105)



CHAIR(S)	Eun Hui Bae (Chonnam National University Hospital)
SPEAKER(S)	Uremic Toxins as a Potential Therapeutic Target for Kidney, Heart, and Beyond
	Jwa-kyung Kim (Hallym University Sacred Heart Hospital)

#### JUNE 14 (FRI) 12:00-13:00 | ROOM 04 (201)



CHAIR(S)	Ho Sik Shin (Kosin University Gospel Hospital)
SPEAKER(S)	Nafamostat as an Anticoagulant on CRRT
	Jung Nam Ahn (Hallym University Sacred Heart Hospital)

#### JUNE 15 (SAT) 12:00-13:00 | ROOM 01 (GBR 101-102)



	CHAIR(S)	Masaomi Nangaku (The University of Tokyo Graduate School of Medicine)
	SPEAKER(S)	Opening Remarks
		A Time to Act: How Early Identification of CKD in T2D Improves Outcomes Sung Gyun Kim (Hallym University Sacred Heart Hospital)
		MRAs in 2024: Still All the Same? Rajiv Agarwal (Indiana University School of Medicine)
		The Ripple Effects: How NS-MRAs' Unique Mechanisms are Driving Clinical Benefits Rajiv Agarwal (Indiana University School of Medicine)
		From Bench to Practice: The Clinical Application of NS-MRAs in the Management of CKD in T2D Minghui Zhao (Peking University First Hospital)
		Q&A and Closing Remarks

#### JUNE 15 (SAT) 12:00-13:00 | ROOM 02 (GBR 103)

Session Title: Individualized Care for Patients Undergoing Dialysis At-Home and In-Center:

The Right Therapy, Right Place, Right Time

FRESE	FRESENIUS MEDICAL CARE	CHAIR(S)	Bum Soon Choi (The Catholic University of Korea, Eunpyeong St. Mary's Hospital)
MEDIC		SPEAKER(S)	Home Dialysis: Empowering Patients at Home: Why, Who and How? Yeoungjee Cho (Princess Alexandra Hospital)
			The CONVINCE Study: Recognizing the Benefits of High-Volume Hemodiafiltration for Enhanced Patient Outcomes Bernard Canaud (Montpellier University)

#### JUNE 15 (SAT) 12:00-13:00 | ROOM 03 (GBR 104-105)

	CHAIR(S)	Yong-Lim Kim (Kyungpook National University Hospital)
<b>G</b> yowa Kirin	SPEAKER(S)	A New Era of Calcimimetics in Asia Masafumi Fukagawa (Tokai University)

#### JUNE 15 (SAT) 12:00-13:00 | ROOM 04 (201)

00	CHAIR(S)	Yon Su Kim (Seoul National University Hospital)
NIPRO Live Longer. Live Better.	SPEAKER(S)	Online HDF vs Super High Flux HD Hideki Kawanishi (Tsuchiya General Hospital)



#### **EXHIBITOR SPOTLIGHT**

Exhibitor spotlight is theater presentations held in Exhibition Hall.

Exhibitors will be conducting one-hour sessions during the exhibit hall hours to meet with attendees and discuss an array of topics.

#### JUNE 14 (FRI) 09:00-09:30 | EXHIBITION HALL (HALL D, 3F)



SPEAKER(S) The role of dual BAFF/APRII inhibition in autoimmune glomerulonephritis

Jonathan Barratt (University of Leicester)

#### JUNE 14 (FRI) 10:00-11:00 | EXHIBITION HALL (HALL D, 3F)



CHAIR(S)

Bum Soon Choi (The Catholic University of Korea, Eunpyeong St. Mary's Hospital)

SPEAKER(S)

A disease-modifying effect in the treatment of IgA nephropathy
Jonathan Barratt (Leicester General Hospital)

#### JUNE 14 (FRI) 11:00-12:00 | EXHIBITION HALL (HALL D, 3F)



CHAIR(S)	Sung Gyun Kim (Hallym University Sacred Heart Hospital)	
SPEAKER(S)	Beyond Glucose Control: Empagliflozin in Renal Management  Janani Rangaswami (George Washington University School of Medicine)	

#### **JUNE 14 (FRI) 13:10-14:10 | EXHIBITION HALL (HALL D, 3F)**



CHAIR(S)	Eun Hui Bae (Chonnam National University Hospital)
PANER(S)	PANEL DISCUSSION
	Evidence-based Strategies for Optimized CKD Management in Patients with T2D
	Non-steroidal MRA in Clinical Pratice: Who, When and How?
	ASK THE EXPERTS
	Practical Considerations in the Management of Patients with CKD and
	T2D with Non-steroidal MRAs
	Rajiv Agarwal (Indiana University School of Medicine)
	Wenpeng Cui (Bethune Second Hospital of Jilin University)
	Yingyos Avihingsanon (Chulalongkorn University)

#### JUNE 15 (SAT) 10:00-11:00 | EXHIBITION HALL (HALL D, 3F)



CHAIR(S)	Duk-Hee Kang (Ewha Womans University Seoul Hospital)	
SPEAKER(S)	ADPKD introduction and Clinical implication of Tolvaptan Hyunsuk Kim (Hallym University Chuncheon Sacred Heart Hospital)	

#### JUNE 15 (SAT) 11:00-12:00 | EXHIBITION HALL (HALL D, 3F)



SPEAKER(S) Recent recommendations for management of ANCA-associated vasculitis
Tae Hyun Ban (The Catholic University of Korea, Eunpyeong St. Mary's Hospital)

#### **JUNE 15 (SAT) 13:10-14:10 | EXHIBITION HALL (HALL D, 3F)**



SPEAKER(S) Trends and Prospects of Al-medical devices leveraging Bio-signals Sunghoon Joo (VUNO Inc. CTO), Seokhun Lim (VUNO Inc. CSO)





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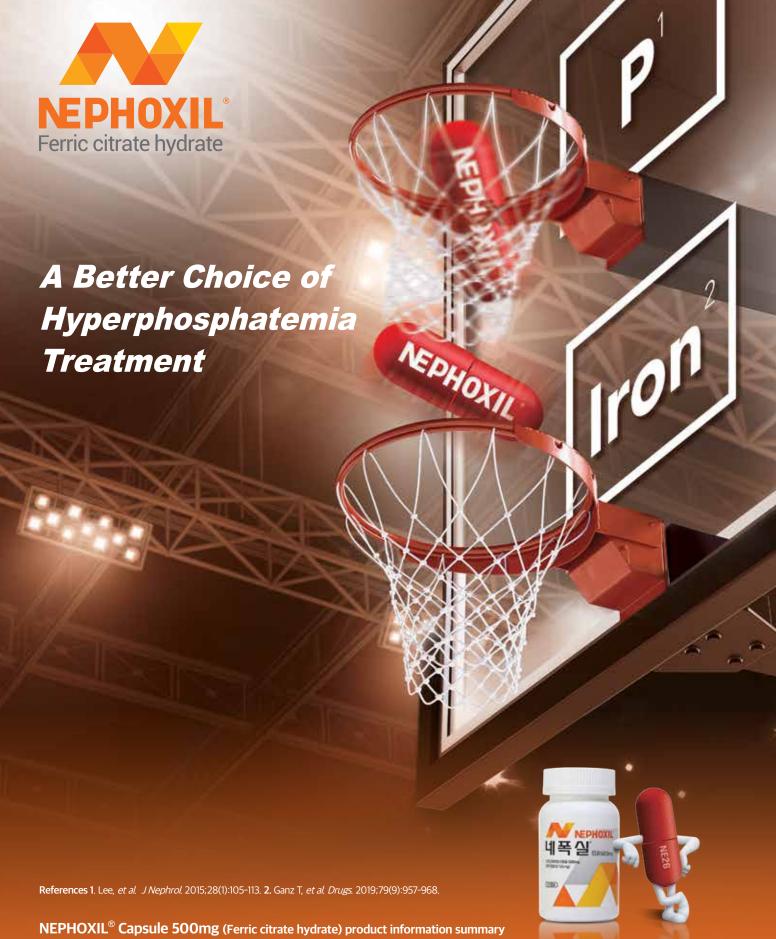




삼스카정 ADPKD 허가사항 (저나트륨혈증 관련 허가사항은 제품설명서 참고 부탁드립니다.) [효능・효과 최초 투여시 만성신질환 1~4 단계에 해당되며, 빠르게 진행되고 있는 상염색체우성 다당신장병(ADPKD, autosomal dominant polycystic kidney disease) 성인 환자에서의 낭종 생성 및 신기능 저하 진행의 지연 [용법・용량] 상기 효능효과에 처방시, 이 약은 위해관리프로그램에 등록한 의사만이 처방할 수 있으며, 이 프로그램에서 정하고 있는 사항에 동의하고, 서명한 환자에 한하여 처방할 수 있다. 환자들은 이 프로그램을 준수하여야 한다. 또한, 심각한 비가역적 간손상의 위험을 감소시키기 위하여 이 약의 최초 투여 개시 전에 ALT 및 AST 와 총빌리루빈에 대한 혈액검사가 필요하며, 투여기간 첫 18 개월 동안은 매월, 그 이후에는 3 개월에 한 번씩 간기능 검사를 반드시 실시한다. 초기용량은 1일 60mg으로 아침 식전 45mg, 8시간 이후 15mg으로 1일 2회 분할투여하도록 한다. 이후 내약성을 고려하면서 최소한 1주일 이상의 간격을 두고 1일 90mg(60mg+30mg)으로 증량하며, 이후 목표 투여용량인 1일 120mg(90mg+30mg)까지 증량한다. 급격한 증량으로 인하여 내약성이 떨어지지 않도록 증량은 신중하게 진행되어야 한다. 환자의 내약성에 따라 투여용량을 감량할 수 있으며, 이 경우 환자가 내약성을 보이는 가장 높은 용량을 유지하도록 한다. ※ 자세한 용법용량과 CYP3A 억제제 병용시 감량 및 주의사항은 제품설명서 참고부탁드립니다. ※ 삼스카 점은 저나트륨혈증에 관한 효능효과 또한 가지고 있습니다. 보다 자세한 정보는 최신의 제품설명서를 참고 하시기 바라며, 홈페이지(www.otsuka.co.kr)를 통해 확인 하실 수 있습니다. ※ 삼스카 ADPKD 위해관리프로그램에 관한 문의는 한국오츠카제약 ADPKD 위해성 관리 계획 콜센터(02~3288~0123)로 문의 바랍니다. ※ 본 약제의 요양급여의 적용기준 및 방법에 관한 세부사항은 보건복지부 고시 제2022~520호를 참고 바랍니다.







[DOSAGE FORMS AND STRENGTHS] Capsule: Ferric citrate hydrate 500mg (equivalent to 105mg ferric iron) [INDICATION] For the control of hyperphosphatemia in adult patients with chronic kidney disease undergoing hemodialysis [DOSAGE AND ADMINISTRATION] The recommended starting dose of Nephoxil is 4 g/day with a maximum dose of 6 g/day and should be taken three times daily with meals or immediately after meals. During the treatment, the dose should be adjusted based on the concentration of serum phosphorus, 1 g (2 capsules) daily per increment or decrement, until serum phosphorus concentration reaches the target range; and afterwards regular monitoring should be maintained and dose adjustments should be made at intervals of one week or more. [WARNING] Accidental overdose of iron-containing products in children under six years of age may lead to fatal poisoning. This drug should be stored in a place not accessible to children. In case of accidental overdose, please contact a doctor or medical organization immediately. [CONTRAINDICATION] 1) Patients with hypophosphatemia 2) Patients who are allergic to ferric citrate 3) Patients with abnormal iron metabolism or symptoms of excessive iron e.g. hemochromatosis. For further information, please refer to the latest prescribing information at https://nedrug.mfds.go.kr







# For patients with CKD in T2D A different pathway leads to different possibilities<sup>1,2</sup>



### **RENAL INFLAMMATION AND FIBROSIS**

are associated with deterioration of kidney function and eventual ESKD.3-6

For patients with CKD and T2D, even with well controlled blood pressure and glycemic management, they are still at risk of CKD progression

CKD: chronic kidney disease; ESKD: end-stage kidney disease, T2D: type 2 diabetes

References: 1. Duckworth W, ea al; VADT investigators. N Engl J Med. 2009;360(2):129-139. 2. The ACCORD Study Group. N Engl J Med. 2010;362(17): 1575-1585. 3. Tesch GH, et al. Front Pharmacol. 2017;8:313. doi:10.3389/fphar. 2017. 00313. 4. Alicic RZ, et al. Clin J Am Soc Nephrol. 2017;12(12):2032-2045. 5. Toth-Manikowski S, et al. J diabetes Res. 2015;2015;697010. doi:10. 1155/2015/697010. 6. Black LM, et al. J Histochem Cytochem. 2019;67(9):663-681.

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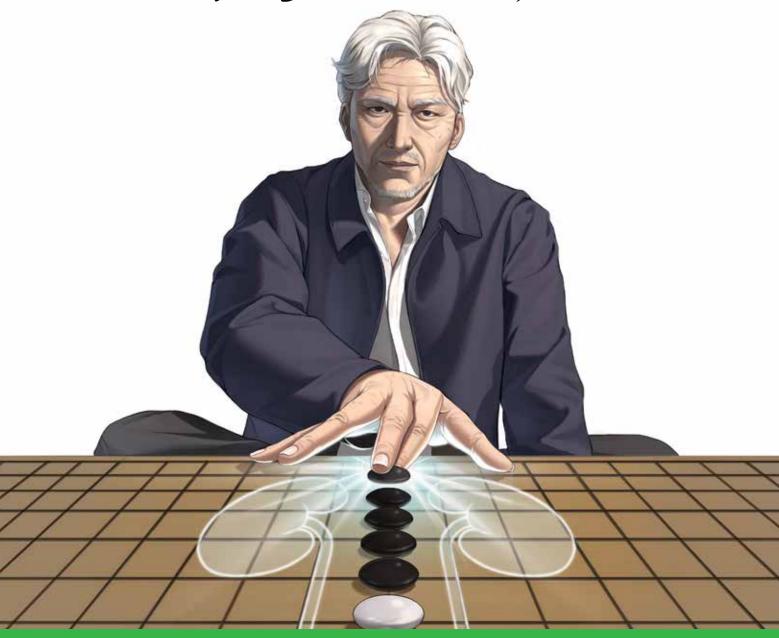






# 业型多

요동배출에는 크레메진 솔붕정



크레메진 속붕정은 연하곤란 및 수분섭취가 제한된 만성콩팥병 환우분들을 위해 소량의 물로 입안에서 빠르게 풀어져 복용이 편리합니다.

#### 전문의약품

[제품명] 크레메진 속붕정 [성분 및 합량] 1정 중 구형흡착탄 500mg [효능·효과] 만성신부전(진행성)에 대한 요독증 증상의 개선 및 투석 도입의 지연 [용법·용령] 성인 1일 3회, 1회 구형흡착탄 2g(4정) 복용 [사용상의 주의사항] 1. 다음 환자에는 투여하지 말 것 - 소화관 통과 장애가 있는 환자 (배설에 지장을 초래할 염려가 있다.) ※ 기타 자세한 사항은 제품설명서를 참고하십시오.



자세한 복약안내와 설명은 QR코드로 확인하세요.

Continue Son

() 크레이션(CD



# **ELISIO™ HX**

MEDIUM CUT-OFF MEMBRANE<sup>1</sup> SHARP CUT-OFF TECHNOLOGY<sup>2</sup>

Elisio-HX는 high-flux dialyzer보다 큰 pore 사이즈와 특정 기하학적 구조가 결합돼 알부민 손실을 최소화하면서 광범위한 중분자 요독 독소를 제거할 수 있습니다. 1.2.3

서울시 종로구 대학로12길 31, 6층 T, 02-762-3444







PA-KIDN



광범위한 CKD 환자에서 임상적 효과를 확인한 사디양 을 지금 고려해 주세요!"

- ਂ 광범위한 대규모 연구를 통한 넓은 Spectrum의 CKD 환자군 포함'
- ♥ 신장병의 진행 또는 심혈관 사망 위험 28% 감소'
- ♥ 알부민뇨의 유무와 관계없이 일관된 진장 기능 저하 지연 혜택 확인'
- - eGFR 20 mL/min/1.73 m² 이상에서 처방 권장

Jardiance® | EMPA-KIDNEY

'반성 신장병에서 허가받은 용량은 10 mg입니다.
"반성 신장병 환자에게 자디양"은 신기능과 무관하게 사용할 수 있지만, 경험이 제한적이므로 eGFR 20 mL/min/1.73 m² 미만인 환자에게 이 약의 투여는 권장되지 않습니다.
CKD, chronic kidney disease; eGFR, estimated giomerular filtration rate; SGLT2i, sodium glucose cotransporter-2 inhibitor.
References 1. Herrington WG, et al. N Engl J Med. 2023;388(2):117-127. 2. 식품의약품만전체, 자디양"정 10 mg 제품 정보(https://nedrug.mfds.go.kr/ accessed on 2023-12-19)

보다 자세한 내용은 자디앙\* 10 밀리그램 허가사항, 식품의약품안전처 의약품안전나라(https://nedrug.mfds.go.kr, accessed on 2023-12-19)를 참고해 주세요. HCP 대상으로 제작된 홍보물이며, 가공 또는 복사 및 배포를 금지합니다.









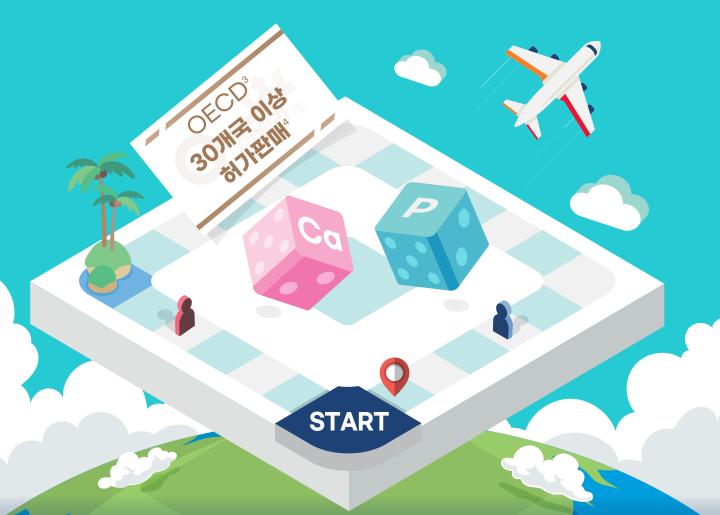




만성 콩팥병 환자의 혈청 인 조절제<sup>1</sup>

# 인벨라<sub>정</sub>

대조약과 혈중 P, Ca, Ca x P, iPTH, Bicarbonate, Lipid profile 유의한 차이 없음 입증<sup>2</sup>



#### <mark>인벨라정제품요약정보</mark>1

[제품명] 인벨라정(세벨라머탄산염) [원료약품 및 그 분량] 이 약 1정 중 인벨라정 유효성분: 세벨라머탄산염(별규)…800mg [효능·효과] 1. 투석을 받고 있는 만성 신장질환 환자의 혈청 인 조절 2. 투석을 받고 있고 않은 만성 신장질환 환자 중 혈청 인 농도가 5.5 mg/dl 이상인 환자의 혈청 인 조절 (용법·용량) 이 약은 1일 3회 식사와 함께 복용하여야 한다. 1) 인산결합제를 복용하고 있지 않는 환자에 투여하는 경우 (중략)• 혈청인 5.5~7.5mg/dl. 1회 1정, 1일 3회 식사와 함께 복용 • 혈청인 7.5mg/dl. 이상: 1회 2정, 1일 3회 식사와 함께 복용 (후략) [사용상의 주의사항] 1. 다음 환자에는 사용하지 말 것: 1) 이 약의 주성분 및 부형제에 과민한 환자 2) 저인산혈증 환자 3) 장폐색 환자(이 약은 장관내에서 팽윤하여 장관천공을 일으킬 우려가 있다.) 2. 다음 환자에게는 신중히 투여할 것: 장관협착 또는 변비가 있는 환자(이 약은 장관 내에서 팽윤하여 장폐색, 장관 천공을 일으킬 우려가 있다.) [제조자] Syrithon Hispania SL Castello 1 Poligono Las Salinas 08830 Sant Boi de Llobrgat, Barcelona Spain [소분제조자] 에스케이케미칼(주) 충청북도 청주시 흥덕구 산단로 149 [판매자] 에스케이케미칼(주) 경기도 성남시 분당구 판교로 310

※ 처방하시기 전 제품설명서 전문을 참고하십시오. 최신 허가사항에 대한 정보는 '식품의약품 안전처 의약품안전나라 (https://nedrug.mfds.go.kr/index)'에서 확인할 수 있습니다.

References 1, 의약품안전나라, 의약품능 정보검색(검색어: 인벨라성), Available at https://nedrug.mids.go.kr/searchDrug, Accessed on 1 of Nov 2023, 2, [Data on file] 인벨라성 3상임상결과보고서, SK케미칼, 2013 OECD, OECD member countries, Available at http://www.oecd.org/about/ Accessed on 1 of Nov 2023, 4, [Data on file] Worldwide registrations of sevelamer carbonate 800mg film—coated tablets, Synthon 2023

# 모든 단계의 고혈압 환자, **아모잘탄패밀리&아모잘탄프렌즈**로 시작하세요!

# Perfect Package for CV Risk Management

#### 아모잘탐 패밀리

#### 아모잘탐 프렌즈







AMF-H-2209-02 HM·Design 2309\_01





# 이상지질혈증 관리 로수젯으로 **맞춤 처방 시작**하세요!



- 국내 최초 Rosuvastatin + Ezetimibe 복합제1
- 세계 최초 Rosuvastatin + Ezetimibe 복합제의 CV Outcome\* 발표(THE LANCET)<sup>2</sup>
- 국내 매출 1위 Statin + Ezetimibe 복합제3
- 한미약품 R&D 및 자체 생산을 통한 Global 진출

\* CV(cardiovascular) outcome: 3년 동안의 심혈관계 사망, 주요 심혈관계 사건 또는 비치명적 뇌졸중의 발생

References 1. 식품의약품안전처 의약품통합정보시스템. 2. Kim BK, Hong SJ, Lee YJ, et al. Long-term efficacy and safety of moderate-intensity statin with ezetimibe combination therapy versus high-intensity statin monotherapy in patients with atherosclerotic cardiovascular disease (RACING): a randomised, open-label, non-inferiority trial, Lancet. 2022 Jul 30;400(10349):380-390. 3. UBIST 2022년 누적 매출 기준.





# Astellas, only PROgraf



# Targeting the Source of IgA Nephropathy: Focus on BAFF and APRIL Pathways

Thursday June 13, 2024 12:30–13:30 KST Room 3 (GBR 104-105)

#### CO-CHAIRS



Adrian Liew, MD
Senior Consultant Nephrologist & Director
The Kidney and Transplant Practice, Mount Elizabeth Novena Hospital, Singapore



Sydney Tang, MBBS, MD, PhD

Chair of Renal Medicine, Yu Professor in Nephrology, Hon. Consultant (Medicine) Deputy Chairperson, Department of Medicine, University of Hong Kong President, Asian Pacific Society of Nephrology

#### **AGENDA**

- Overview of the Pathogenesis and the Role of Cytokines BAFF and APRIL in IgA Nephropathy
- Emerging Disease-Modifying Therapies Targeting BAFF and APRIL
- Q&A

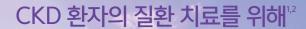






- PR interval- QRS duration- QTc interval- R axis





## 미쎄라®와 렌벨라®가 한독으로 하나가 되었습니다.



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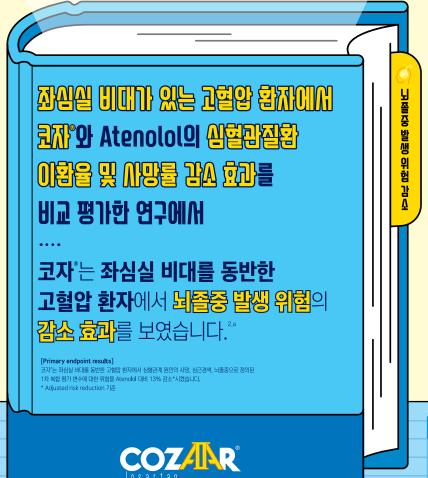




## 코자<sup>®</sup>가 **좌심실 비대가 있는 고혈압 환자**에서의

## 뇌졸중 발생 위험의 감소 에 대한

적응증이 추가 되었습니다!



**코자 주요안전성정보** 자세히보기



코자 제품상세정보



Selected Safety Information 고기장 (로시트업환함) 50, 100 mg (출동-호급) 1. 128/12 근 위설성 HIT7 있는 고향을 환경 어려워 전혀 그는 고향을 하는 지원에 대한 그는 고향을 가는 이 기를 가는





- © Empagliflozin and Linagliptin in a Single Pill Combination strategy encompasses these considerations both as initial or add-on therapy for T2DM.<sup>4</sup>
- ♥ FDC includes empagliflozin\* and linagliptin, which provide cardio-renal benefits.5-7
- # Promotional material made for HCPs, this material is prohibited from any unauthorized alteration or copying and distribution Empagliflozin is not indicated for the reduction of cardiovascular events and kidney disease in patients with type 2 diabetes with cardiovascular disease. Empagliflozin is not indicated for the reduction of kidney disease in patients with chronic heart failure. Chronic heart failure and chronic kidney disease indication is only for Empagliflozin 10 mg Linagliptin is not indicated for the reduction of cardiovascular or renal events
- \*Study outcomes in EMPA-REG OUTCOME
   CARDIOVASCULAR OUTCOMES: The primary composite outcome: death from cardiovascular causes, nonfatal myocardial infarction, or nonfatal stroke. The key secondary composite outcome: the primary outcome plus hospitalization for unstable angina GLYCEMIC CONTROL

T2DM, type 2 diabetes melitus; FDC, fixed dose combination.

References 1. DeFronzo RA, et al. Diabetes Care. 2015;38:384–393. 2. Søfteland E et al. Diabetes Care 2017; 40(2): 201-209. 3. Tinahones FJ et al. Diabetes Obes Metab, 2017;19(2):266–274. 4. Esgliteo® Product information. 5. Zinman, M.D., et,al. N Engl J Med. 2015; 373:2117-2128. 6. Rosenstock J, et al., JAMA. 2019;321:69-79. 7. Rosenstock J, et al. JAMA. 2019;322(12):1155-1166.



















♦ Selective VDRA 
♦ FAST 
♦ VIAL<sup>13</sup>

## PACITOL

Paricalcitol 5µg/mL



**PTH,** parathyroid hormone; **VDRA**, vitamin D receptor activators

References 1. Freundlich M et al. Pediatr Nephrol. 2017;32(7):1103-1108. 2. Sprague SM et al. Kidney Int. 2003:63(4):1483-1490. 3. 의약품 허가사항. 식품의약품 안전나라. Accessed on 2023.09.26

#### 파시톨주(파리칼시톨 Vial 제형)

## 국내 최초 지속형 ESA 제제 바이오시밀리

## 네스벨®

#### **Darbepoetin alfa**

Prefilled syringe  $20\mu g/30\mu g/40\mu g/60\mu g/120\mu g$ 

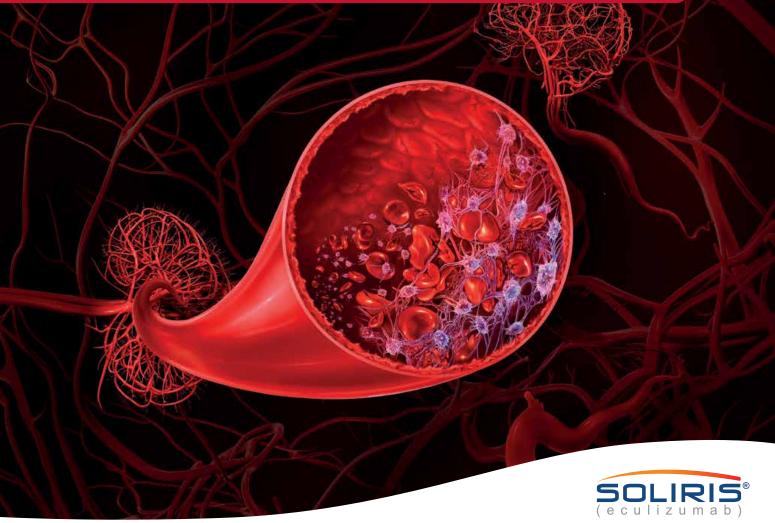


- 💸 국내 최초 Darbepoetin alfa 바이오 시밀러
- **?** 1주~4주 1회 용법, 투약 편의성 개선
- ₹ 국내 3상 임상으로 대조약과 동등한 효과 및 장기 안전성 입증



### Patients with aHUS can be at continuous risk of the life-threatening consequences of unpredictable complement-mediated TMA<sup>1,2</sup>

Chronic, uncontrolled complement activity in aHUS leads to ongoing endothelial injury, organ damage, and sudden death<sup>2,3</sup>



aHUS, atypical Hemolytic Uremic Syndrome; TMA, Thrombomicroangiopathy

References: 1. Laurence et al. Atypical Hemolytic Uremic; Essential Aspects of an Accurate Diagnosis. Clin Adv Hematol Oncol. 2016 Nov;14 Suppl 11(11)2-15. 2. Legendre, C. M. et al. Terminal Complement Inhibitor Eculizumab N Engl J Med N Engl J Med 2013;368 2169-81. 3. Noris et al. STEC HUS, atypical HUS and TTP are all, Nat. Rev. Nephrol. 2012 8, 622 633

그 후부터는 매 14일마다 1200 mg을 투여한다. <**소아>** 1) 비정형 용혈성 요독증후군(aHUS) 만 18세 미만의 aHUS 환자일 경우, 체중에 따라 다음의 일정으로 투여한다.

환자 체중	초기 용량	유지용량
40 kg 이상	4 주간 매 7일마다 900 mg 투여	5주차에 1200 mg, 이후 매 14일마다 1200 mg 투여
30 kg이상 40 kg 미만	2주간 매 7일마다 600 mg 투여	3주차에 900 mg, 이후 매 14일마다 900 mg 투여
20 kg 이상 30 kg 미만	2주간 매 7일마다 600 mg 투여	3주차에 600 mg, 이후 매 14일마다 600 mg 투여
10 kg 이상 20 kg 미만	첫 주에 600 mg 투여	2주차에 300 mg, 이후 매 14일마다 300 mg 투여
5 kg 이상 10 kg 미만	첫 주에 300 mg 투여	2주차에 300 mg, 이후 매 21일마다 300 mg 투여

이 약은 권장 투여랑과 일정에 맞게 투여, 혹은 예정된 일정의 2일 전/후로 투여되어야 한다. < <b>혈장교환요법 및 신선 동결혈장투여시&gt;</b> 성인 및 소아 비정형 요독	증후군과 성
인 시신경 척수염 범주질환 환자에 대해 PE/PI(혈장 교환 요법(plasma exchange 또는 plasmapheresis), 또는 신선 동결 혈장 투여(fresh frozen plasma inf	usion))와 같
은 부수적 시술을 받는 경우 추가 용량 투여가 필요하다. [표 2] PE/PI 이후 이 약의 추가적 투여법	

KR-16193 | Exp. 2026-04(Prep. 2024-04)

*K***LEXION** 







Better Life in Hemodialysis with Synopex 시노펙스가 시작하는 국산화 혈액투석 제품

#### < 인공신장기용 혈액여과기 **Synoflux®**

- 인체적합성이 우수한 Synoflux PES 멤브레인
- 혈액투석 및 중화자 치료를 위한 11종 다양한 모델
- 국내 최초 스마트 GMP

SYNERGY

INNOVATION

**APEX** 

#### 이동형 인공신장기 >>>

- 차세대 IT&BT 신기술 적용 •
- 국책과제 의료기기 국산화 프로젝트 •
- 병원 내 격리 시설 및 재택혈액투석 시스템
  - 네트워크를 통한 체계적인 관리 시스템

#### 이동형 정수장치

- 적은 소음 및 사용이 편리한 인체공학적 설계
  - 간편 모드 : 세척 및 멸균 기능 •
- Dialysis Water Quality Standards for ISO23500 •



#### CRRT 중환자용 인공신장기

- 국책과제 의료기기 국산화 프로젝트
- 국내 최초 개발 중환자용 인공신장기
- 중환자, 응급환자를 위한 지속적 신대체요법 치료





The 1st released

Calcium polystyrene
sulfonate agent
in Korea<sup>1,\*</sup>

Three
formulations
developed in
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The most
prescribed
treatment agent for
Hyperkalemia
in Korea<sup>2</sup>

Treatment agent for Hyperkalemia

## **KALIMATE**

Powder / Granule / Suspension

#### REFERENCES

- 1. Kalimate® Powder, Granule, Suspension product information, Available at: https://nedrug.mfds.go.kr/searchDrug (accessed 18 Jan 2024).
- 2. Based on IQVIA MAT 3Q 2023, V03G
- \* Kalimate® Powder is the 1st released calcium polystyrene sulfonate agent in 1984 in Korea, through the licensing with the originator, Nikken(now Kowa) from Japan.
- \* Based on IQVIA MAT 3Q 2023, V03G (Oral administration)







Kalimato®Granulo



Kalimate® Suspensio

수입자 (카리메트®현탁액)





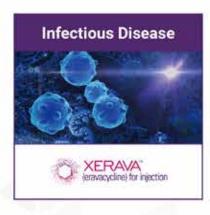


## Better Medicines, Better Life

Everest Medicines (HKEX 1952.HK) is a biopharmaceutical company focused on discovering, developing, manufacturing and commercializing transformative pharmaceutical products and vaccines that address critical unmet medical needs for patients in the Asian markets. The management team of Everest Medicines has deep expertise and an extensive track record of high-quality discovery, clinical development, regulatory affairs, chemistry manufacturing and control (CMC), business development, operations and commercialization both in China and with leading global pharmaceutical companies. Everest Medicines has built a portfolio of potentially global first-in-class or best-in-class molecules in the company's core therapeutic areas of renal diseases, infectious diseases and autoimmune disorders.

Everest Medicines initiated commercial operations in 2023. In March 2023, the company's first commercial product, Xerava® (Eravacycline), was approved for marketing in mainland China, and was launched in July, marking Everest Medicines' successful transition into a commercial-stage biopharmaceutical company. The company's flagship product in the field of renal disease, Nefecon®, has obtained approval in mainland China, Macau, Hong Kong and Singapore. The company's blockbuster product in the field of autoimmune diseases, Velsipity® (etrasimod), has been approved in Macau. With the marketed Xerava® and Nefecon®, as well as the upcoming launches of Velsipity® and Cefepime-taniborbactam. four major products in total, the company is poised to achieve a peak annual sales volume of RMB 10 billion. Meanwhile, an in-house discovery team of expert scientists has been set up for independent research and development of drugs and vaccines, with self- developed products expected to enter the clinical trial phase in 2024.







Since its establishment, Everest Medicines has forged a corporate ethos centered on values of "Science Driven, Patient First, Respect and Care, Ownership, and Collaboration". Looking ahead, the company is committed to relentless efforts in accelerating the development and commercialization of innovative drugs and vaccines. Our vision is to become a leading biopharma in Asia, dedicated to the noble goal of promoting life and health through innovative medications, thereby benefiting a greater number of patients worldwide.



For more information please visit our official website



For more information please follow us on WeChat

### Asahi **KASEI**



## $REXEED^{^{ imes}}$ Series

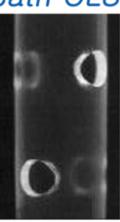
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Easy maintenance

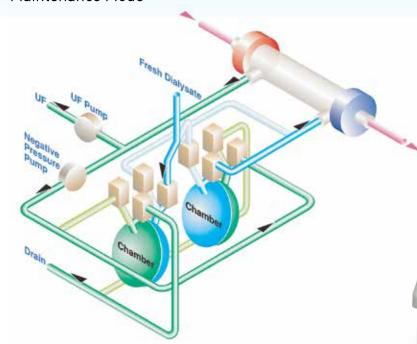
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- 포스레놀®은 전세계에서 10년 이상 안전하게 사용된 비칼슘계열의 인 결합제입니다.3

Reference 1. Patrick Martin, et al. Am J Kidney Dis. 2011;57(5):700-706 2. Fosrenol® SmPC, Mar 2018 3. Hutchison AJ, et al. Nephrology (Carlton). 2016 Dec;21(12):987-994.

#### [Prescribing Information]

#### 포스레놀정500/750밀리그램 포스레놀산1000밀리그램

[주성분] Lanthanum Carbonate (란타늄 탄산염) 포스레놀정500밀리그램 1정(약954mg) 중 란타늄으로서 500mg, 포스레놀정750밀리그램 1정(약 1431mg) 중 란타늄으로서 750mg, 포스레놀전1000밀리그램 1포(약 1908mg) 중 란타늄으로서 1000mg [효능・효과] 혈액투석이나 복막투석을 받는 만성신부전 환자 또는 인 제한 식이요법만으로 혈청 인산 수치가 충분히 조절되지 않고 1,78 mmol/L (약 5.5mg/dL) 이상인 투석을 하지 않는 만성 신장 질환 환자의 고인산혈증 치료 [용법・용량] 성인(65세 이상의 고령자 포함): 포스레놀은 매 식사와 함께 혹은 식후 즉시 분복한다. 정제의 경우, 이 약을 그대로 삼키지 않고 반드시 씹어서 복용해야 한다. 씹는 것을 용이하게 하기 위해 이 약을 부수어 복용할 수 있다. 분말의 경우 이 약을 소량의 부드러운 음식에 섞어서 즉시(15분이내) 복용해야 한다. 이 약은 녹지 않으므로 복용을 위해 액체에 녹이지 않는다. 혈청 인산 농도는 란탄으로서 750mg/일 용량에서 조절되기 시작하였고, 대부분의 환자에서 1500~3000mg/일 용량에서 적정 혈청 인산농도로 조절되었다. [이상반응] 가장 흔하게 보고된 이상반응은 두통 및 알러지 피부 반응을 제외하고 위장관계 증상이었다. 위장관계 증상은 이 약을 식사와 함께 투여 시 발생빈도가 최소화되고, 일반적으로 투여가 지속될수록 약해진다.

※ 보다 자세한 내용은 제이더블유중외제약 홈페이지(http://www.jw-pharma.co.kr)나 식품의약품안전처 온라인의약도서관(http://drug.mids.go.kr)를 참고하시기 바랍니다.









이나, 보다 자세한 내용은 한국다이이찌산코 홈페이지(www.daiichisankyo.co.kr)의 제품 설명서나 의약품안전나라(nedrug.mfds.go.kr)을 참고하시기 바랍니다.

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To learn more please visit: http://www.fresenius-kabi.co.kr

#### Reference

1. Aparicio M et al., Semin Dial, 2013 Nov-Dec; 26(6): 714-9. 2. Am J Nephrol 2005; 25(suppl 1): 1-28. 3. Mircescu G et al., J Ren Nutr., 2007 May; 17(3): 179-88. 4. Garneata L et al., Nephrology Dialysis Transplantation 2019; 34: doi.org/10. 1093/ndt/gfz096.F0012. 5. Garneata L et al, J Am Soc Nephrol, 2016 Jul;27(7):2164-76,

#### 케토스테릴®정 제품정보

[성상] 긴 타원형의 광택이 있는 황색 필름 코팅정

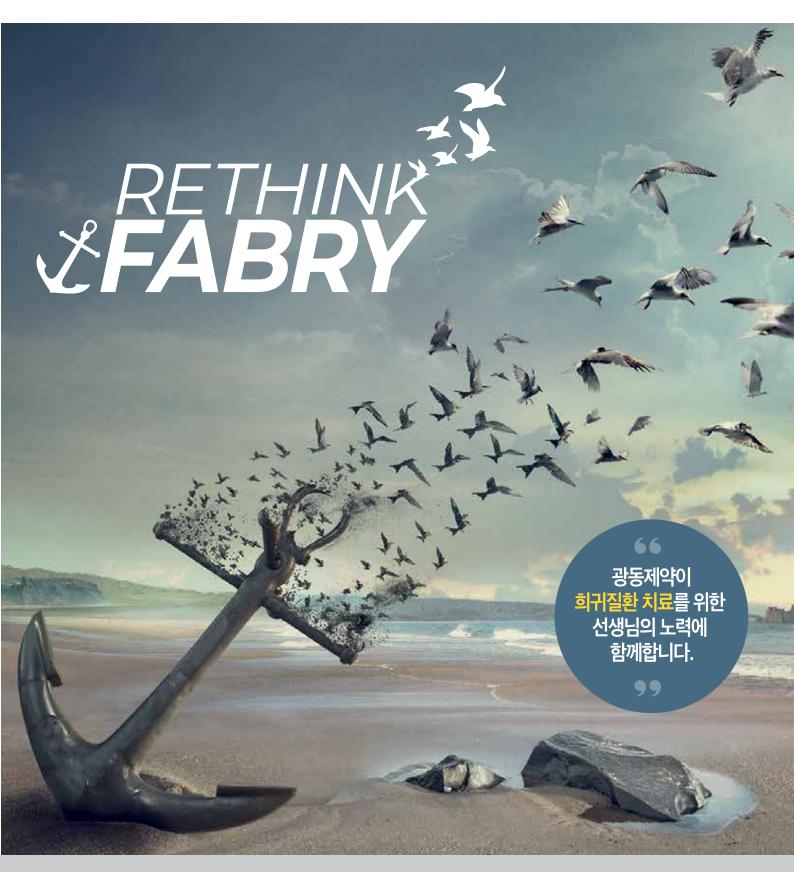
[광강] 더 단단왕의 방액이 있는 왕액 발음 고평양 <mark>면료약품 및 노분</mark>형, 총은: 18전 중 800일리그램(총 칼슘으로서 49.7일리그램, 1정 중 총 질소함량 36일리그램), L~히스타딘(EP)38.0일리그램, a~케토-DL~이소류신칼슘(DL~3~메탈-2~옥소-발레르산칼슘)(별규)67.0일리그램, L~리신아세트산염(L~리신으로서 75 a~케토류신칼슘(4~메탈-2~옥소-발레르산칼슘)(별규)101.0 일리그램, L~트립토판(EP)23.0일리그램, a~히드록시 ~DL~메티오닌칼슘(DL~2~히드록시-4~메틸티오~부티르산칼슘)(별규)59.0일리그램, L~티로신(EP)30.0일리그램, L~리신아세트산염(L~리신으로서 75 말리그힘(EP)105,0말리그램, L-트레오닌(EP) 53.0 말리그램, ~케토테날알라닌칼슘(Z-옥소-3-페날-프로피온산칼슘)(별규)68.0말리그램, ~케토발린칼슘(3-메탈-2-옥소-부티로산칼슘)(병규)86.0말리그램, [참가제] 포비돈,퀴놀린촹백E104,탈크,이산화티탄E171,삼초산글리세롤(트레아세틴),스테아르산마그네슘,콜로이드성이산화규소,크로스포비돈,마크로골6000,옥수수전분,염기성부틸레이티드메타아크릴레이트공중합체

[효능 · 효과] 성인 기준으로 1일 식이 단백섭취량이 40g 이하로 제한되어 있는 만성 신부전환자에서 불완전한 단백질 대사로 인한 손상감소 [용법 · 용량] 통상적으로 70kg 성인을 기준으로 저단백식이(단백질 0.3~0.4g/kg/day)와 병용하여, 1회 4~8정씩, 1일 3회 식사 중에 씹지 말고 그대로 복용한다.

사용상의 주의사형 1. 다음 환자에는 투여하지 말 것 가, 고칼숨혈증 환자 나, 아미노산 대사 장애 환자 다. 이 악과 성분에 대해 과민반왕을 보이는 경우 라. 페닐케톤뇨증 대사 장애가 있는 경우(이 약에는 페닐알라닌이 함유되어 있음) 2. 이상반응 2.1 이상반응 7. 고칼숨혈증 나타날 수 있으므로 이런 경우에는 비타민 D의 섭취를 줄인다. 만약 고칼숨혈증이 지속된다면 이 악과 다른 칼슘원의 양을 줄인다. 나. 소화가장애: 드물게 상복부 불쾌강이 나타날 수 있다. 2.2 국내 시판 후 조사 국내에서 재심사를 위하여 6년 동안 638명의 환자를 대상으로 실시한 시판 후 조사 결과 이상반응의 발현 증례율은 인과관계와 상관없이 2.19%(14명/638명,19건)로 보고되었다. 이 중 약물과의 인과관계를 배제할 수 없는 이상반응 발현룡은 1.25%(8명/638명, 13건)이며 다음과 같다. 소화불량, 오심이 각 0.47%(3명/638명)로 가장 많았으며, 변비, 복통이 각 0.31%(2명/638명),구토, 설사, 두통이 각 0.16%(1명/638명)로 나타났다. 예상하지 못한 약물 이상반응은 소화불량, 오심이 각 3건, 변비, 복통이 각 2건, 구토, 설사, 두통이 각 1건씩으로 보고되었다. 3. 다른 약제와의 상호적용 가. 이 약과 다른 칼슘함유 제제를 병용했을 때 혈청 칼슘 농도가 증가되거나 강화될 수 있다. 나. 이 약을 투여하여 혈액 칼슘 농도가 올라가면 강심배당체의 작용을 증가시켜 심장 리듬 장애 위험을 증가시킬 수 있다. 다. 이 약 투여 중 혈청 인산 농도가 감소하므로 인산결합제(예, 수산화알루미늄)의 용량을 줄여야 한다. 라. 칼슘과 결합하는 약물들(예, 테트라사이클란, 시프로플록사신, 노르플록사신과 같은 항생제, 철분, 불소, 에스트라머스턴 함유 제제)의 흡수를 방해하지 않기 위해서, 이 약과의 병용 시 적어도 2시간 이상의 간격을 두어야 한다. 마. 이 약 이 익 다른 약물을 복용하고 있는 경우에는 담당 의사 및 약사에게 알려 상담한다. 4. 소아, 임부 및 수유부에 대한 투여 소아, 임부 및 수유부에 대한 투여 소아, 임부 및 수유부에 대한 경험은 없다. 5. 적용성수 주의사항 가. 자단백시이와 범증하여 복용할 것. 나. 단백질 섭취의 저하는 에너지 섭취의 저하를 일으키므로 35kcal/kg/day와 동등하거나 그 이상 되는 높은 열광섭취를 유지해야 한다. 다. 고칼송혈증의 위험이 있으므로 혈청 칼슘농도가 정기적으로 모니터링 되어야 한다. 라. 이 약은 아미노산과 관련한 적절한 흡수와 대사를 위해 식사 중에 복용되어야 한다. **6. 보관상의 주의사항** 기. 영유아의 손이 닿지 않는 곳에 보관한다. 나. 25℃를 넘지 않는 온도에서 보관한다. 다. 포장 개봉 후에도 습기를 피해 건조한 곳에 보관한다. [저장방법] 기밀용기, 25℃ 이하에서 보관

\*자세한 제품정보는 식약처 의약품통합정보시스템 홈페이지를 참고하여 주시기 바랍니다. (https://nedrug.mfds.go.kr/)





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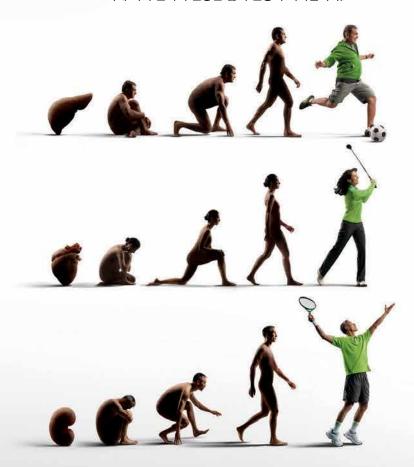


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#### [Product Information]



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써티칸정0.5밀리그램



써티칸정0.75밀리그램

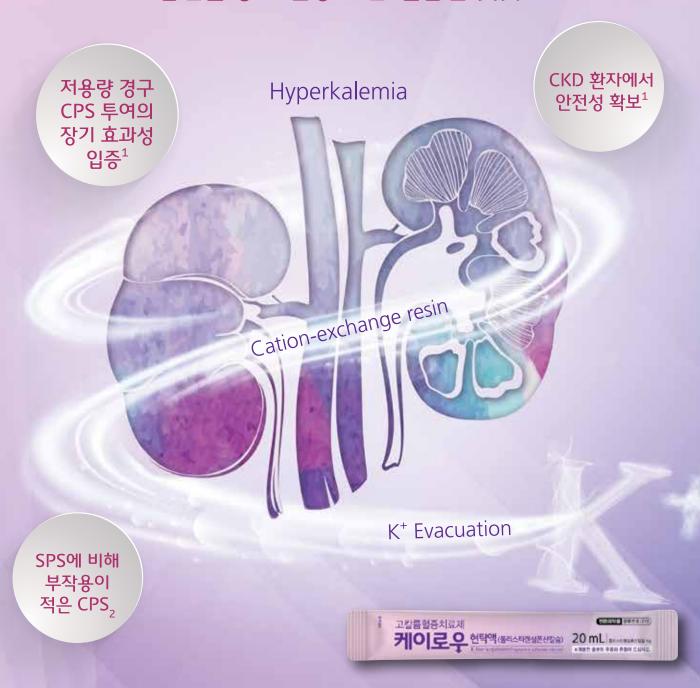


써티칸정1.0밀리그램

### 고칼륨혈증치료제

## 케이로의

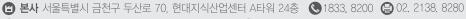
침전물 응고 현상 개선·깔끔한 뒷맛



Ref 1. Mi-Yeon Yu. Et al., Long-term efficacy of oral calcium polystyrene sulfonate for hyperkalemia in CKD patients, PLoS ONE 12(3): e0173542. 2. Kiran Nasir. Et al., TREATMENT OF HYPERKALEMIA IN PATIENTS WITH CHRONIC KIDNEY DISEASE: A COMPARISON OF CALCIUM POLYSTYRENE SULPHONATE AND SODIUM POLYSTYRENE SULPHONATE. J Ayub Med Coll Abbottabad 2014;26(4)













유리경쇄 정량검사 급여 신설

2019.12.1 / (보건복지부 고시 2019-251호)









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\* 약물사진은 실물크기와 다릅니다.

[References] 1. 라파뮨\* 0.5 mg / 1 mg / 2 mg 제품설명서 (최종변경하기일: 2022.06.10) 2. 건강보험심사평가원, 의료정보-의약품통합정보, 라파뮨 (Accessed 2022 Sep 13) Available from: http://www.hira.or.kr/rf/medicine/getHistoryList.do?pgmid=HIRAA030035020000 [주요 안전성 정보] 면역약제로 인해 감염에 대한 감수성 증가와 림프중 및 다른 악성중앙, 특히 피부의 림프종 발생 가능성이 있을 수 있다. 간 이식 또는 폐 이식 환자에 대한 면역억제요법으로서의 이 약의 안전성 및 유효성은 확립되지 않았으므로 사용이 권장되지 않는다.

#### 라파뮨™ 정 0.5 mg, 1 mg, 2 mg [시롤리무스]

전체·성분·형범기5.mg. 1점 (영) 32 mg) 6. \* 유효성분·사용의(사물리무스본산용역(사물리무스본산용역(사물리무스본산용역(사물리무스본산용역(사물리무스본산용역(사물리무스본산용역(사물리무스본산용역(사물리무스보신1.0 mg) 해당) [불규 1.0 mg) 하는 \* 유효성분·사용의(조.mg) 자용성원·자용의(조.mg) \* 유효성분·사용의(조.mg) \* 유효성분·사용의(Δ.mg) \* 유효성분·사용의(Δ.mg)





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**Drug Information** 

전문의약품

에이입니" - 엑스지정[분류번호] 214(항임당이의 [성분·항임] 1정 중 590mg 업로디핀배살산염 6,94mg업로디핀으로서 5mg/발사트린 80mg, 5760mg 업로디핀배살산염 6,94mg업로디핀으로서 5mg/발라디핀으로서 5mg/발라디핀으로서 5mg/발라디핀으로서 5mg/발라디핀으로서 5mg/발라디핀으로서 5mg/발라디핀으로서 50mg (성상] 5,80mg 어두운 노란백의 원형 필름고등전체, 20년 50mg 어두운 노란백의 타원형 필름고등전체, 20년 50mg 연구 노란백의 타원형 필름고등전체 (호농·호리) 암코디핀 또는 발시트란 단독요법으로 항답이 작업하게 조절되지 않는 현대성 고향답 (용법·용정) 이익의 권장용량은 1일 1회 1정으로, 식사와 관계업이 불과 함께 복용한다. [제정방법] 기업용기, 실은보관(1-30°C) [KD코드] 5/80mg-647803820, 5/160mg: 647803830, 10/160mg: 647803840 [포정단위] 28엔(14전/PTP\*2), 30전/현 [제정만협업] 2020,06:30

※ 자세한 사항은 식약처 약약품통합정보시스템 홈페이지(https: nedrug.mfds.go.kr/)를 청조하시거나 소비자 상담실(수신자부담 전화 080-082-1234)로 운약하시기 바랍니다. 성진제약 · 본사 : 서울특별시 미모구 와우산로 121(서교통) Ini. (02)3140-0700 · 공장: 경기도 화성시 항남을 제약공단1길 52 Ini. (031)353-1712/6

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파브리병 환자의 생애 전반에 걸쳐, 신장, 심뇌혈관 사건 및 사망에 있어 위약 대비 낮은 발생률이 관찰된 첫 파브리병 치료제인 파브라자임®을 고려해주세요.<sup>1-3</sup> (위약 대조 per-protocol 연구)

파브라자임 $^{\circ}$ 은 파브리병(α-galactosidase A 결핍)으로 확진된 환자의 장기 효소대체요법으로 투약 가능합니다.

**References 1.** 파브라자임®주35밀리그램(아갈시다제베타)(문안개정년월일: 2022.08.17). **2.** Banikazemi M, et al. Ann Intern Med. 2007;146(2):77-88. **3.** Germain D, et al. J Med Genet. 2015;52(5):353-358. **4.** Lenders M, et al. Drugs, 2021 Apr;81(6):635-645





<sup>\*</sup>Main treatment options for Fabry disease include recombinant enzyme replacement therapy and oral chaperone therapy.4





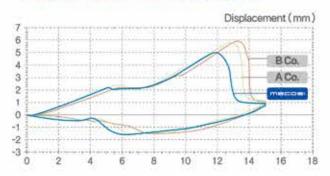
#### Grinding Machine

MECOBI Co., Ltd. imported equipment from Musashino in Japan, the world's leading needle grinding machine company, and built first hemodialysis needle assembly line in Korea.





#### Injection Pressure Comparison



	1Bevel Peak	Threshold Peak	Average	Minimum
MCON.	2,160 N	5.010 N	0.835 N	-1750 N
A Co.	2.310 N	5.750 N	0.887 N	-1.530 N
B Co.	2.060 N	5.900 N	0.867 N	-1.500 N

#### Product Specifications







#### Regulatory Registers





#### ISO 13485



#### I GMP



**MECOBI Co., Ltd.** is concentrating on R&D for better medical technology, and maintains its expertise with CE, ISO 13485 : 2016 certification.



#### Science. Service. Solutions.

Founded in Asia-Pacific and driven by scientific expertise and operational excellence, George Clinical is a leading, global clinical research organization with more than 500 people in 40 locations able to manage clinical trials in 70 geographies throughout the Asia-Pacific region, USA and Europe. As therapeutic specialists in kidney and metabolic, oncology, neuroscience, endocrinology, vascular and respiratory, our unmatched scientific leadership provides the full range of clinical trials services to pharmaceutical, medical device and diagnostic customers for all trial phases, registration and post-marketing trials.

#### At a Glance



Global network of distinguished scientific leaders with expertise in chronic disease.



Leading Asia-Pacific full service CRO with global capabilities tested over more than 20 years.



Driver of the Global Kidney Patients Trials Network (GKPTN) which accelerates kidney research into practice.



Access to the Clinical Research Network (CRN) infrastructure supporting clinical research in the UK and European Union.

#### **Scientific Expertise**

Facilitated by a kidney site network considered to be one of the strongest in the world, especially in the Asia Pacific region, George Clinical owns an enviable position as a trusted partner in kidney and metabolic clinical research around the globe. Our scientific expertise collaborates with sponsors to develop new strategies for the prevention and management of kidney and metabolic disease specifically including dialysis, chronic kidney disease (CKD), focal segmental glomerulosclerosis (FSGS), diabetic kidney disease, acute kidney injury and IgA nephropathy as well as the utility of genetics in drug development and discovery.

George Clinical leverages the in-depth expertise of our scientific leadership to design effective studies, select the best sites from more than 20 countries, and accelerate recruitment. Our scientific leaders generate strong evidence to implement real change in treatments, clinical practice and policy.



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