

2025 대한심장혈관흉부외과학회 제57차 추계학술대회

PROGRAM BOOK

2025. 10. 29 (Wed) - 10. 31 (Fri)

호텔인터불고 대구



대한심장혈관흉부외과학회

The Korean Society for Thoracic & Cardiovascular Surgery

임원진 (2025년 01월 01일 ~ 2025년 12월 31일)

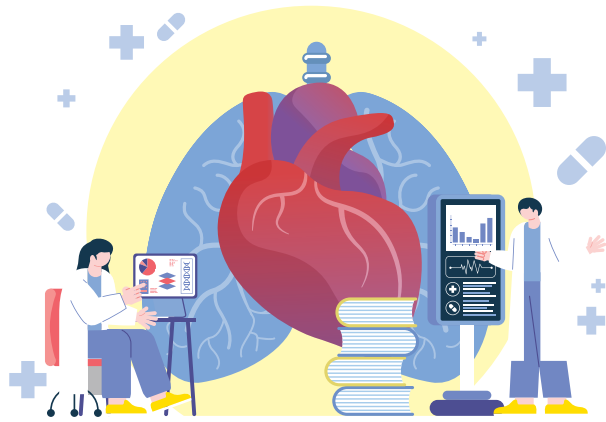
회장	정성운
부회장	금동윤, 원태희, 윤용한, 이석재, 홍기표
이사장	강창현
상임이사	김근직, 김영두, 김홍관, 송상윤, 양지혁, 윤태진, 이진구, 이호석, 최창휴
총무이사	황호영
부총무이사	김도완, 임재홍, 장우성
감사	서종희, 이석인
위원장	정의석 (기획홍보위원장)
	박성용 (간행위원장)
	김재범 (고시위원장)
	조정수 (교육위원장)
	정재승 (보험위원장)
	이근동 (수련심사위원장)
	박샘이나 (재정위원장)
	김현구 (학술위원장)
	주현철 (정보위원장)
	정인석 (법제윤리위원장)
	박국양 (역사기록위원장)
	이충원 (조음파위원장)
	성용원 (사회공헌-국제교류위원장)



2025 대한심장혈관흉부외과학회 제57차 추계학술대회

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사단법인 흉부외과미래포럼

기부 절차

기부신청서 작성 후 접수

Email | society@ktcs.or.kr

Fax | 02-3482-7868

기부금 계좌

신한은행 140-013-555181

(사단법인 흉부외과미래포럼)



온라인 기부
바로가기

주요사업

01 국내외 학술대회 지원사업

- 국내외 학술대회를 통한 학술적인 성과와 최신지견 공유
- 흉부외과 의료인력에 대한 교육지원

02 전공의 교육 지원사업

- 전공의 필수 교육 콘텐츠 제공
- 연차별 슬기교육 프로그램 제공

03 심장혈관흉부외과 기반구축사업

- 국가데이터베이스 구축 및 운영 지원

04 사회공헌사업

- "의료사각지대에 처해 있는 흉부외과 수술 대상자"에 대한 적절한 치료 및 지속적인 치료지원방향 제공

세제 혜택

법인

소득금액 10% 한도 내 전액 손비 인정

개인

소득금액의 30% 한도 내 기부금의 15% 세액 공제
※1천만원 초과분은 30%
사업자의 기부금은 한도 내 금액을 손비로만 인정

사단법인 흉부외과미래포럼은 법인세법 시행령 제39조 제1항 제1호 바목에 따라 기획재정부의 지정 기부금 단체 승인을 받았습니다.

사단법인 흉부외과미래포럼

Incorporated Association of Korean Thoracic & Cardiovascular Surgery Future Forum

셔틀버스 운행안내

※ 1호차 ~ 3호차 셔틀버스 운행 코스 필히 확인하시어 탑승 부탁드립니다.

※ 10월 31일(금) 인터불고호텔 막차 출발은 동대구역으로 출발 예정이오니 참고 부탁드립니다.

※ 10월 29일(수) 셔틀버스 운행을 하지 않습니다.

◎ 10월 30일(목)

▶ 1호차

관벨호텔> 수성알파시티(기업은행앞)	수성알파시티(기업은행앞)> 인터불고호텔	인터불고호텔> 관벨호텔
6:30	7:00	7:30
8:00	8:30	9:00
9:30	10:00	10:30
11:00	11:30	12:00
13:30	14:00	14:30
15:00	15:30	16:00
16:30	17:00	18:10
18:30		

▶ 2호차

엘디스리조트호텔> 그랜드호텔	그랜드호텔> 인터불고호텔	인터불고호텔> 엘디스리조트호텔
6:30	6:50	7:20
8:00	8:20	8:50
9:30	9:50	10:20
11:00	11:20	11:50
13:30	13:50	14:20
15:00	15:20	15:50
16:30	16:50	18:10
18:50		

▶ 3호차

라운제나호텔> 아스틴호텔	아스틴호텔> 동대구역	동대구역> 호텔어기어때	호텔어기어때> 인터불고호텔	인터불고호텔> 라운제나호텔
6:30	6:50	7:00	7:20	7:40
8:10	8:30	8:40	9:00	9:20
9:50	10:10	10:20	10:40	11:00
11:30	11:50	12:00	12:20	12:40
14:00	14:20	14:30	14:50	15:10
15:40	16:00	16:10	16:30	18:10
18:40	19:00	19:20		

◎ 10월 31일(금)

▶ 1호차

관벨호텔> 수성알파시티(기업은행앞)	수성알파시티(기업은행앞)> 인터불고호텔	인터불고호텔> 관벨호텔
6:00	6:30	7:00
7:30	8:00	8:30
8:30	9:00	9:30
10:00	10:30	11:00
11:30	12:00	12:30
14:00	14:30	15:00
15:30	16:00	18:10 (동대구역)

▶ 2호차

엘디스리조트호텔> 그랜드호텔	그랜드호텔> 인터불고호텔	인터불고호텔> 엘디스리조트호텔
6:00	6:20	6:50
7:30	7:50	8:20
9:00	9:20	9:50
10:30	10:50	11:20
13:00	13:20	13:50
14:50	14:50	15:20
16:00	16:20	18:10 (동대구역)

▶ 3호차

라운제나호텔> 아스틴호텔	아스틴호텔> 동대구역	동대구역> 호텔어기어때	호텔어기어때> 인터불고호텔	인터불고호텔> 라운제나호텔
6:00	6:20	6:30	6:50	7:10
7:40	8:00	8:10	8:30	8:50
9:20	9:40	9:50	10:10	10:30
11:00	11:20	11:30	11:50	12:10
13:30	13:50	14:00	14:20	14:40
15:10	15:30	15:40	16:00	18:10 (동대구역)

Welcome Message

존경하는 심장혈관흉부외과학회 회원 여러분,

청명한 가을 하늘과 함께 가을의 정취가 깊어가는 이 시기에 제57차 대한심장혈관흉부외과 추계학술대회를 개최하게 되어 매우 기쁘게 생각합니다. 바쁜 일정 속에서도 학문적 교류와 전문성 제고를 위해 참석해 주신 모든 선생님들께 깊이 감사드립니다.

이번 학회는 급변하는 의료 환경 속에서 우리가 나아가야 할 방향과 전략을 심도 있게 논의 하고자 마련되었습니다. 심장, 폐 식도 및 혈관의 수술적 치료에 대한 최신 지견은 물론, 인공 지능, 로봇수술, 정밀의료 등 차세대 의료 기술의 임상적 적용과 실용성을 고루 담아낸 뜻깊은 자리가 될 것입니다. 이번 학회를 통해 이러한 시대적 도전에 지혜롭게 대응하고, 미래를 준비하는 중요한 전환점이 되기를 기대합니다.

지난해에 이어 2025년 역시 우리에게 쉽지 않은 여정이었지만, 각자의 자리에서 묵묵히 현장을 지키며 환자를 위해 최선을 다하고 계신 회원 한 분 한 분의 노고에 깊이 감사드립니다. 또한 기쁜 소식으로 우리 학회의 공식 학술지인 Journal of Chest Surgery가 Journal Citation Reports에서 Impact factor 1.0을 기록하였습니다. 우리 학회의 오랜 염원이자 궁극적인 목표인 SCIE 등재로 가는 길목에 서게 된 성과를 이루었고, 이를 위해 회원님들의 지속적인 투고, 인용 및 리뷰 참여를 간곡히 부탁드립니다.

이번 학회의 성공적인 개최를 위해 수고해 주신 학술위원회와 운영진 여러분, 그리고 아낌없이 후원해주신 모든 기관에도 진심으로 감사의 말씀을 전합니다.

아울러, 이번 학회가 회원 여러분께 의미 있는 풍성한 학회가 되기를 바라며, 여러분의 건강과 평안을 기원합니다.

감사합니다.



정성운 회장

2025년 가을 대한심장혈관흉부외과학회

Welcome Message

존경하는 심장혈관흉부외과 회원 여러분,

올해 우리는 의정 사태라는 큰 파고를 함께 넘어왔습니다. 전공의들이 병원을 떠나는 의정 사태로 인해 의료 현장은 큰 혼란에 직면했고, 우리 심장혈관흉부외과 의사들 또한 사명감 하나로 버텨내야 하는 힘든 시간을 보냈습니다. 하지만 이러한 위기 속에서도 환자 곁을 묵묵히 지키며 최선을 다해주신 회원 여러분의 헌신에 깊은 존경의 말씀을 전합니다. 여러분 한 분 한 분의 노력과 연대가 있었기에, 우리는 이 위기를 슬기롭게 극복할 수 있었습니다.

이제 길었던 의정사태는 해결될 기미를 보이고 있고, 우리는 다시 정상으로의 복귀를 앞두고 있습니다. 이번 사태를 극복하는 과정에서 우리는 많은 것을 경험하고 느끼게 되었습니다. 이러한 경험은 우리 학회가 앞으로 나아갈 방향을 제시해주었다고 생각합니다. 앞으로는 회원들의 권익 보호와 역량 강화를 위해 더욱 노력하고, 젊은 의사들이 희망을 가질 수 있는 진료 환경을 만들기 위해 학회 차원의 지원을 아끼지 않겠습니다.

이번 학술대회는 어려운 시기를 끝내고 새로운 시작을 알리는 첫 학술대회입니다. 심장혈관흉부외과 회원님들 뿐만 아니라 전공의, 전임의, 체외순환사, 그리고 전담 및 전문 간호사 모두가 참여하는 학술대회이고, 그 동안의 변화를 하나로 담아내는 학술대회를 만들고자 합니다. 이제 우리는 새로운 미래를 향해 나아가야 합니다. 인공지능과 로봇수술, 맞춤형 치료와 같은 혁신이 우리의 진료와 연구에 새로운 가능성을 열고 있습니다. 학회는 이러한 변화를 두려움이 아닌 기회로 삼아, 젊은 의사들이 꿈을 펼치고, 모든 세대가 함께 성장하는 터전을 만들겠습니다. 또한 국제적인 협력과 교류를 통해 대한민국 심장혈관흉부외과의 위상을 더욱 높이겠습니다.

우리 학회는 앞으로도 끊임없이 도전하고 혁신하며, 국민 건강 증진에 기여하는 명실상부한 최고의 학회가 될 것을 약속드립니다. 부디 이번 학술대회가 여러분의 학문적 갈증을 해소하고, 서로 교류하며 새로운 영감을 얻는 뜻깊은 시간이 되기를 바랍니다.

감사합니다.



강창현 이사장

대한심장혈관흉부외과학회



추계학술대회 참가 특별회원

Endovastec	한솔카디악케어	인튜이티브서지컬코리아	에드워즈라이프 사이언시스코리아
메드트로닉코리아	한국MSD	한국 아스트라제네카	라파메드코리아
HK이노엔	리브스메드	에이스 코리아	프레지니우스 메디칼케어코리아
한국테루모	백톤디킨슨코리아	상진메디코프	한국존슨앤드존슨 메드테크
한화제약	CORAZ6LEAD	유미어스	Arthrex
짐머바이오테크코리아	삼진제약	현대약품	나우메드
게팅게메디칼코리아	한국화이자제약	메드웰	박스터코리아
비아트리스	Pall Medical (Cytiva)	동명메디칼	맥진메디칼
킴코	대웅제약	세종메디칼	제일메디칼코퍼레이션



추계학술대회 참가 특별회원

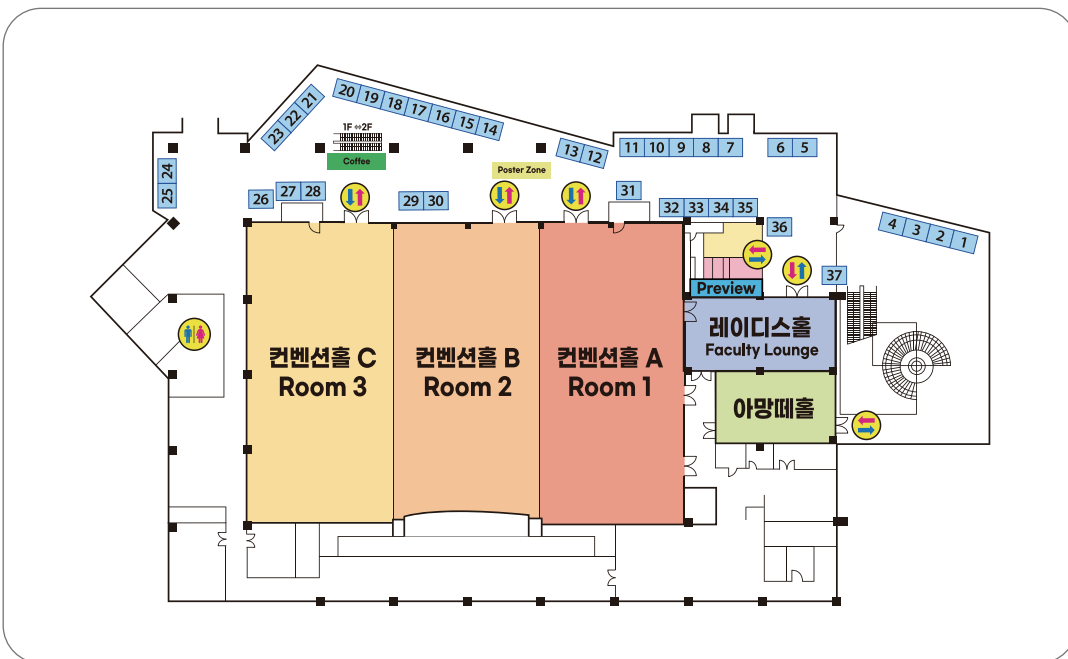
미쓰비시다나베파마 코리아	휴통	엠디아메디칼	하주
한국의료기기안전정보원	신기사	애보트메디칼코리아	다림양행
VUNO Inc.	엠알솔루션	종근당	한림MS
화인헬스케어	헤모네틱스코리아	지상아이엔씨	성우이노베이션
한국노바티스	남북씨지칼	리더스헬스케어	프레지니우스카비코리아
씨에이치케이	메손	유한양행	한미사이언스
한국스트라이커	한국유니팜	한국팜비오	동아에스티
아산메디칼			



BOOTH FLOOR PLAN

컨벤션홀 Foyer | (2F)

A 구역



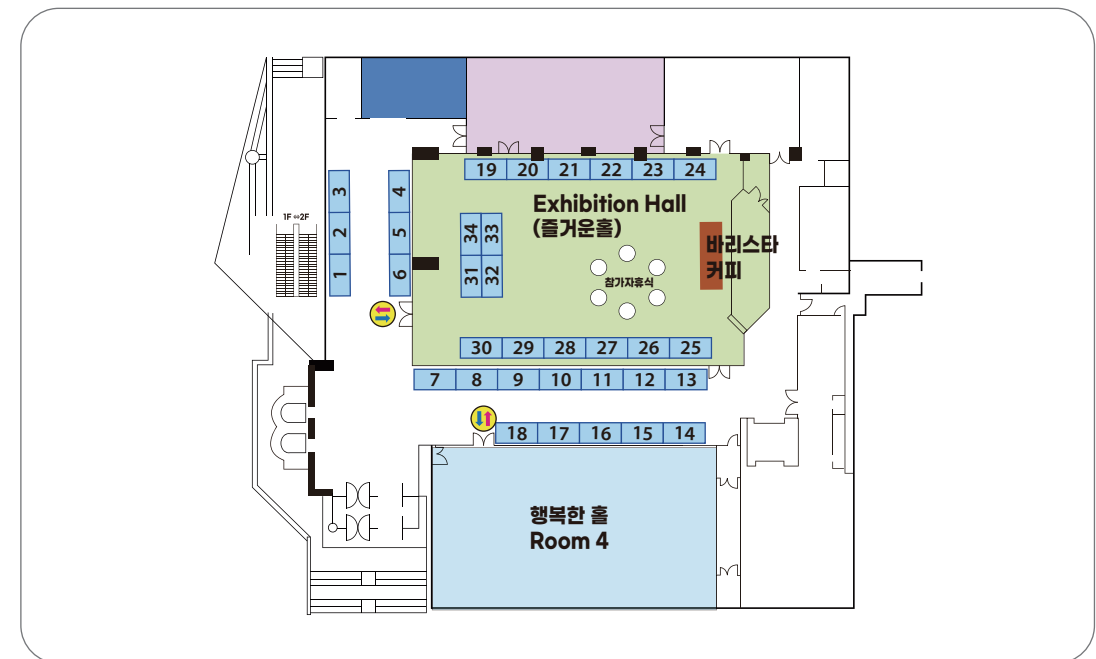
No.	업체명	No.	업체명	No.	업체명
A-1,2	프레지니우스메디칼케어코리아	A-16,17	백톤디킨슨코리아	A-29,30	메트로닉코리아
A-3	지상아이엔씨	A-18,19	애보트메디칼코리아	A-31	에드워즈라이프 사이언시스코리아
A-4	한국 아스트라제네카	A-20	코라솔리드	A-32,33	에이스코리아
A-5,6	라파메드코리아	A-21	한화제약	A-34,35	리브스메드
A-7,8	한국존슨앤드존슨메드테크	A-22,23	HK이노엔	A-36	한국MSD
A-9	게팅게메디칼코리아	A-24	씨에이치케이	A-37	Endovastec
A-10,11	한솔카디악케어	A-25	프레지니우스카비코리아		
A-12,13	인튜이티브서지컬코리아	A-26	메손		
A-14,15	상진메디코프	A-27,28	한국테루모		



BOOTH FLOOR PLAN

즐거운홀 & 행복한홀 Foyer | (1F)

B 구역



No.	업체명	No.	업체명	No.	업체명
B-1	한국노바티스	B-14	유미어스	B-27	엠디아메디칼
B-2	성우이노베이션	B-15	짐머바이오테크코리아	B-28	휴통
B-3	나우메드	B-16	한국화이자제약	B-29	동명메디칼
B-4	현대약품	B-17	신기사	B-30	Pall Medical (Cytiva)
B-5	화인헬스케어	B-18	다림양행	B-31	세종메디칼
B-6	헤모네틱스코리아	B-19	비아트리스	B-32	김코
B-7	리더스헬스케어	B-20	박스터코리아	B-33	맥진메디칼
B-8	남북써지칼	B-21	제일메디칼코퍼레이션	B-34	대웅제약
B-9	엠알솔루션	B-22	미쓰비시다나베파마코리아		
B-10	VUNO Inc.	B-23	한림MS		
B-11	메드웰	B-24	종근당		
B-12	삼진제약	B-25	한국의료기기안전정보원		
B-13	Arthrex	B-26	하주		



PROGRAM AT A GLANCE

DAY 1 | 10. 29 (Wed.), 인터불고 대구

Time	컨벤션홀 A	컨벤션홀 B	컨벤션홀 C
13:00~14:00	Adult Cardiac Surgery Session No. 10 CABG I . From Dysfunction to Renewal: Evolving Strategies in ICMP Chair: Gun Jik Kim, Ho Young Hwang Abstract: 10-0~10-5	General Thoracic Session No. 20 Young Investigator Award Chair: Kyung Soo Kim, Hyun Jin Cho Abstract: 20-0~20-6	체외순환사교육
14:00~15:30	Adult Cardiac Surgery Session No. 11 Best Presentation Award I'm the Best Chair: Jae Seung Jung, Sun Kyun Ro Panel: Seunghwan Song, Se Jin Oh, Jun Ho Lee, Jiseong Kim Abstract: 11-0~11-6	General Thoracic Session No. 21 Lung Cancer II . Chair: Chang Young Lee Jae Kwang Yun Abstract: 21-0~21-8	
15:30~16:00	Break		
16:00~17:30	Adult Cardiac Surgery Focused Session I . Nightmare in Aortic Surgery Chair: Joon Bum Kim, Jae Woong Choi	General Thoracic Session No. 22 Best Presentation Award Chair: Hyeong Ryul Kim Bong Soo Son Abstract: 22-0~22-6	체외순환사교육
17:30~	이사회		



PROGRAM AT A GLANCE

Time	행복한홀	즐거운홀
13:00~14:00		Exhibition
14:00~15:30	Congenital and Pediatric Cardiac Surgery Session No. 40 Outflow Tract Problem Chair: Ji-Hyuk Yang, Cheul Lee Abstract: 40-0~40-7	
15:30~16:00	Break	
16:00~17:30	Congenital and Pediatric Cardiac Surgery Focused Session I . Pulmonary Vein Stenosis Chair: Jae Gun Kwak, Hyungtae Kim Abstract: FS-40~FS-41	
17:30~		



PROGRAM AT A GLANCE

DAY 2 | 10. 30 (Thu.), 인터불고 대구

Time	컨벤션홀 A	컨벤션홀 B	컨벤션홀 C
08:00~08:10	개회사/학회운영안내		
08:10~08:50	Best Paper in JCS 및 시상		
08:50~10:30	자유연제 Chair: Hyun Koo Kim, Jun Sung Kim Abstract		
10:30~10:50	Break		
10:50~11:20	회장 시상/강연		
11:20~11:50	연구공로상 시상 및 강연		
11:50~12:50	Invited Lecture "다시 사는 삶" Speaker: 유열 (가수/뮤지컬제작자) Panel: Seokjin Haam, Samina park		
12:50~13:50	Luncheon 1 메트로닉 (성인심장)	Luncheon 2 인튜이티브	Luncheon 3 한솔카디악
13:50~14:20	총회 / 학술상 시상		
14:20~15:20	Adult Cardiac Surgery Meet the Expert Road to Success : My Reflections for Achieving Perfect Cardiac Surgery Chair: Joonkyu Kang Speaker: Hyun Song	General Thoracic Meet the Expert There is No Royal Way to be a Fearless Surgeon for Esophageal Surgery and Robotic Surgery Chair: Hyeong Ryul Kim Speaker: Yong-Hee Kim	Congenital and Pediatric Cardiac Surgery (14:20~15:40) Focused Session II . Minimally Invasive Surgery for CHD Chair: Chang Ha Lee Sungkyu Cho Abstract: FS-30
15:20~15:40	Break		Break (15:40~16:00)
15:40~17:00	Adult Cardiac Surgery Focused Session II . May the Aortic Valve be with You Chair: Sung-Ho Jung, Sak Lee Abstract: FS-10~FS-14	General Thoracic Focused Session I . Update on Lung Transplantation Chair: Jin Gu Lee, Sehoon Choi	Congenital and Pediatric Cardiac Surgery (16:00~17:00) Meet the Expert Preservation: Reservation for the Future Chair: Chun Soo Park Speaker: Tae Jin Yun Panel: Dong Hee Kim, Yujin Kwak, Sang On Lee, Ilkun Park, Youngkwan Song, Dong Hee Jang
17:00~18:00	Adult Cardiac Surgery Session No. 12 Heart Transplantation and Special Surgical Issues Chair: Woo Sung Jang, Min Ho Ju Abstract: 12-0~12-6	General Thoracic Focused Session II . Lung Transplantation — Abstract Session Chair: Jin Gu Lee, Sehoon Choi Abstract: FS-20~FS-25	Congenital and Pediatric Cardiac Surgery Session No. 30 Septal defects and etc. Chair: Han Ki Park, Eun Seok Choi Abstract: 30-0~30-6



PROGRAM AT A GLANCE

Time	행복한홀	즐거운홀
08:00~08:10		Exhibition
08:10~08:50		
08:50~10:30	지도전문의교육	
10:30~10:50		
10:50~11:20		
11:20~11:50		
11:50~12:50		
12:50~13:50	Luncheon 4 한국MSD	
13:50~14:20		
14:20~15:20	제14회 초음파 연수강좌	
15:20~15:40	Break	
15:40~16:10	한국의료기기안전정보원	
16:10~17:00	기획홍보위원회 Session I. 진료지원간호사/제외순환사 업무의 법적인계 및 전문화	
17:00~18:00	Adult Cardiac Surgery Session No. 41 CABG II. Hidden Drivers of Outcomes: Beyond Surgery in CABG Chair: Ho-Ki Min, Hyun Keun Chee Abstract: 41-0~41-5	



PROGRAM AT A GLANCE

DAY 3 | 10. 31 (Fri.), 인터불고 대구

Time	컨벤션홀 A	컨벤션홀 B	컨벤션홀 C
07:30~08:30	Adult Cardiac Surgery Session No. 13 Young Investigator Award Im Back Chair: Ho Jin Kim, Do Jung Kim Panel: Hong Rae Kim, Yo-Chun Jung, Jun Woo Cho, Kyungsub Song, Mi Hee Lim Abstract: 13-0~13-6	General Thoracic Session No. 23 Pleural and Chest Wall Diseases Chair: Sungsoo Lee, Hyo Yeong Ahn Abstract: 23-0~23-5	
08:30~10:00	Adult Cardiac Surgery Session No. 14 Valve I. Mission Possible: Mitral and Tricuspid Protocol Chair: Jae-Sung Choi, Hyoung-Gon Je Abstract: 14-0~14-8	General Thoracic Session No. 24 Minimal Invasive Surgery Chair: Jeong-Su Cho, Woo Sik Yu Abstract: 24-0~24-6	Intensive Care/ECMO/Trauma Session No. 31 ECMO Chair: Yang Hyun Cho In-Seok Jeong Abstract: 31-0~31-8
10:00~10:30	Break		
10:30~12:00	Adult Cardiac Surgery Focused Session III. CABG: My LITA to LAD Chair: Jun Sung Kim, Kyo-Seon Lee	General Thoracic Session No. 25 Perioperative Chemotherapy and Immunotherapy in NSCLC Chair: In Kyu Park, Yong Won Seong Abstract: 25-0~25-5	Intensive Care/ECMO/Trauma Focused Session I. Management of Rib Fractures Chair: Hyun Koo Kim, Sung Youl Hyun Panel: Junepill Seok, Wooshik Kim
12:00~13:00	Luncheon 5 에드워즈라이프사이언스스크리아	Luncheon 6 메드트로닉(일반흉부)	Luncheon 7 Endovascetec
13:00~14:30	Adult Cardiac Surgery Session No. 15 Video Session Stories Written in Motion Chair: Jae Suk Yoo, Yun Seok Kim Abstract: 15-0~15-9	General Thoracic Session No. 26 Lung Cancer I. Chair: Jae Hyun Jeon, Dohun Kim Abstract: 26-0~26-8	Intensive Care/ECMO/Trauma Session No. 32 ICU, ECMO, Trauma Chair: JaeBum Kim Do-Wan Kim Abstract: 32-0~32-7
14:30~15:00	Break		
15:00~16:00	Adult Cardiac Surgery Session No. 16 Aorta II. Decisions in Acute Aortic Dissection: Extent, Technique, and Aftercare Chair: Kick Sung, Hyun Chel Joo Abstract: 16-0~16-4	General Thoracic Session No. 27 Esophageal Cancer I. Chair: Hoseok I, Jong Ho Cho Abstract: 27-0~27-5"	Adult Cardiac Surgery Session No. 46 CABG III. Unstoppable Flow: Decoding Arterial and Venous Grafts Chair: Cheol Hyun Chung Young-Nam Youn Abstract: 46-0~46-4
16:00~17:00	Adult Cardiac Surgery Session No. 17 Aorta III. Root to Arch: Evolving Strategies in Aortic Surgery Chair: Jae Hang Lee, Chee-hoon Lee Abstract: 17-0~17-5	General Thoracic Session No. 28 Esophageal Cancer II. Chair: Seong Yong Park Ju-Sik Yun Abstract: 28-0~28-4	General Thoracic Session No. 47 Advances in Prognosis and Treatment Strategies for Locally Advanced and Metastatic NSCLC Chair: Seokjin Haam, Jong hun Kim Abstract: 47-0~47-4
17:00~18:00	폐회식 / 시상 및 경품추첨		



PROGRAM AT A GLANCE

Time	행복한홀	즐거운홀
07:30~08:30	General Thoracic Session No. 42 Video Session Chair: Sumin Shin, Junghee Lee Abstract: 42-0~42-5	Exhibition
08:30~10:00	General Thoracic Session No. 43 Mini Oral Session Chair: Deok Heon Lee, Byung Jo Park Abstract: 43-0~43-12	
10:00~10:30	Break	
10:30~12:00	Adult Cardiac Surgery Session No. 44 Aorta I. From Bench to Bedside: Translating Research into Complex Aortic Repair Chair: Suk Won Song, Sunyeun Chung Abstract: 44-0~44-6	
12:00~13:00	Luncheon 8 아스트라제네카	
13:00~14:30	General Thoracic Session No. 45 Sublobar The Role of Sublobar Resection and Technical Advances in Modern Thoracic Surgery Chair: Jae Ho Chung, Youngkyu Moon Abstract: 45-0~45-7	
14:30~15:00	Break	
15:00~16:00	(15:00~16:20) 기획홍보위원회 Session II. 진료지원간호사/체외순환사의 교육과 미래	
16:00~17:00		
17:00~18:00		



PROGRAM DETAILS

PROGRAM DETAILS

컨벤션홀 A | DAY 1 - 10. 29 (Wed.)

Time	Session & Lecture Title	Chair / Speaker / Panel
13:00~14:00	Adult Cardiac Surgery Session 10. CABG I : From Dysfunction to Renewal: Evolving Strategies in ICMP	Chair: Gun Jik Kim (Kyungpook National Univ. Hosp.), Ho Young Hwang (Seoul National Univ. Hosp.)
13:00-13:10 [O]10-0	Impact of Multi-Arterial Grafting on Long-Term Survival in CABG for Ischemic Cardiomyopathy	<u>Sung Jun Park (Severance Hosp.)</u> Corresponding Author: Young-Nam Youn (Severance Hosp.) Co-Author: Sung Jun Park, Kyung-Jong Yoo, Young-Nam Youn
13:10-13:20 [O]10-1	Outcomes of Multiple- vs Single-Arterial Coronary Artery Bypass Grafting in Multivessel Disease with Left Ventricular Dysfunction	<u>Dong Youb Han (Asan Medical Center)</u> Corresponding Author: Ho Jin Kim (Asan Medical Center) Co-Author: Dong Youb Han, Ho Jin Kim
13:20-13:30 [O]10-2	Right Coronary Revascularization with Right Internal Mammary Artery or Saphenous Vein Graft: Results in Preserved vs Impaired Left Ventricular Function	<u>Suk Kyung Lim (Samsung Medical Center)</u> Corresponding Author: Dong Seop Jeong (Samsung Medical Center) Co-Author: Suk Kyung Lim, Joong Hyun Ahn, Suryeun Chung, Yang Hyun Cho, Kiick Sung, Young Tak Lee, Wook Sung Kim, Dong Seop Jeong
13:30-13:38 [MO]10-3	Comparative Effectiveness of PCI versus CABG in Patients Undergoing ECMO for Ischemic Heart Disease	<u>Jun Ho Lee (Korea Univ. Anam Hosp.)</u> Corresponding Author: Hee Jung Kim (Korea Univ. Anam Hosp.) Co-Author: Jun Ho Lee, Ji Eon Kim, Jae Seung Jung, Ho Sung Son, Hee Jung Kim
13:38-13:46 [MO]10-4	Outcomes of Conventional CABG in Stable Patients with Low Ejection Fraction: Compared with Preserved Ejection Fraction	<u>Sungsil Yoon (Keimyung Univ. Dongsan Hosp.)</u> Corresponding Author: Woo Sung Jang (Keimyung Univ. Dongsan Hosp.) Co-Author: Sungsil Yoon, Woo Sung Jang, Jae Bum Kim, Yun Seok Kim, Kyungsub Song
13:46-13:54 [MO]10-5	Long-Term Outcomes of Coronary Artery Bypass Grafting with and without Concomitant Left Ventricular Thrombectomy in Ischemic Cardiomyopathy	<u>Suk Kyung Lim (Samsung Medical Center)</u> Corresponding Author: Wook Sung Kim (Samsung Medical Center) Co-Author: Suk Kyung Lim, Joong Hyun Ahn, Suryeun Chung, Yang Hyun Cho, Dong Seop Jeong, Kiick Sung, Young Tak Lee, Wook Sung Kim

Time	Session & Lecture Title	Chair / Speaker / Panel
14:00~15:30	Adult Cardiac Surgery Session 11. Best Presentation Award: I'm the Best	Chair: Jae Seung Jung (Korea Univ. Anam Hosp.), Sun Kyun Ro (Hanyang Univ. Medical Center) Panel: Seunghwan Song (Pusan National Univ. Hosp.), Se Jin Oh (SMG-SNU Boramae Medical Center), Jun Ho Lee (Korea Univ. Anam Hosp.), Jiseong Kim (Chungnam National Univ. Hosp.)
14:00-14:10 [O]11-0	Longitudinal Analysis of Thromboembolic Risk and Clinical Outcomes after Mitral Surgery with Concomitant Surgical Ablation for Atrial Fibrillation: With or Without Anticoagulation Therapy	<u>June Lee (Uijeongbu Eulji Medical Center)</u> Corresponding Author: Joon Bum Kim (Asan Medical Center) Co-Author: June Lee, Ki Tae Kim, Hong Rae Kim, Ho Jin Kim, Jae Suk Yoo, Sung-Ho Jung, Jae Won Lee, Joon Bum Kim
14:10-14:20 [O]11-1	To Re-repair or Not? Long-term Impact of Mild Residual MR after Minimally Invasive Degenerative Mitral Repair	<u>Mihee Lim (Pusan National Univ. Yangsan Hosp.)</u> Corresponding Author: Mihee Lim (Pusan National Univ. Yangsan Hosp.) Co-Author: Min Ho Ju, Chee-Hoon Lee, Younju Rhee
14:20-14:30 [O]11-2	Use of Frozen Elephant Trunk versus Conventional Technique in Total Arch Replacement for Acute Aortic Dissection: A Systematic Review and Meta-Analysis	<u>You Jung Ok (SMG-SNU Boramae Medical Center)</u> Corresponding Author: Jae-Sung Choi (SMG-SNU Boramae Medical Center) Co-Author: You Jung Ok, Se Jin Oh, Jae Hwa Jeong, Yong Won Seong, Hyeon Jong Moon, Jae-Sung Choi
14:30-14:40 [O]11-3	Impact of Aortic Replacement on Aortic Events and Mortality During Aortic Valve Replacement in Patients with Moderately Dilated Aortas	<u>Sahri Kim (Asan Medical Center)</u> Corresponding Author: Ho Jin Kim (Asan Medical Center) Co-Author: Sahri Kim, Hong Rae Kim, Jae Suk Yoo, Sung-Ho Jung, Cheol Hyun Chung, Ho Jin Kim, Joon Bum Kim
14:40-14:50 [O]11-4	Optimizing Hemoglobin Targets to Minimize Acute Kidney Injury Risk in Cardiac Surgery Patients: A Double Machine Learning Approach	<u>Yoonjin Kang (Seoul National Univ. Hosp.)</u> Corresponding Author: Yoonjin Kang (Seoul National Univ. Hosp.) Co-Author: Yoonjin Kang, Min Woo Kang, Kyung Hwan Kim

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
14:50-15:00 [O]11-5	Sex-Specific Associations between Body Mass Index and Post-Transplant Mortality after Heart Transplantation: A Nationwide KOTRY Cohort Study	Yoseb Lee (Asan Medical Center) Corresponding Author: Kitae Kim (Asan Medical Center) Co-Author: Yoseb Lee, Kitae Kim, Ah Ram Kim, Jung Ae Hong, Junho Hyun, Sang Eun Lee, Min-Seok Kim, Eun-Seok Jeon, Jin-Oh Choi, Jaewon Oh, Seok-Min Kang, Myoung Soo Kim, Jae-Joong Kim, Hae-Young Lee, Sung-Ho Jung
15:00-15:10 [O]11-6	Impact of Low-Density Lipoprotein Cholesterol Level on Long-Term Clinical Outcomes after Coronary Artery Bypass Grafting: Large-Scale Analysis using National Health Insurance System	Yeiwon Lee (Seoul National Univ. Hosp.) Corresponding Author: Ho Young Hwang (Seoul National Univ. Hosp.) Co-Author: Yeiwon Lee, Suk Ho Sohn, Mi Sook Kim, Ho Young Hwang
15:30~16:00	Coffee Break	
16:00-17:30	Adult Cardiac Surgery Focused Session I . Nightmare in Aortic Surgery	Chair: Joon Bum Kim (Asan Medical Center), Jae Woong Choi (Seoul National Univ. Hosp.)
16:00-16:15	Ruptured Left Coronary Button Aneurysm before Sternotomy	Yokawa Koki (Kakogawa Central City Hosp.)
16:15-16:30	Clamp Site Massive Bleeding during Descending Aortic Replacement via Left Thoracotomy in a Patient with HeartMate3	Inoue Yosuke (National Cerebral and Cardiovascular Center)
16:30-16:45	"Infective" Nightmare in Aortic Surgery and It's Still Going On	Minjung Ku (Asan Medical Center)
16:45-17:00	Failed TARFET for Ruptured Arch	Yun Seok Kim (Keimyung Univ. Dongsan Hosp.)
17:00-17:15	Coronary Arterial Bypass in the Root and Descending of Porcelain Aorta	Wan Kee Kim (CORAZÓLEAD)
17:15-17:30	Iatrogenic Coronary Artery Injury During Redo Aortic Root Replacement	Changwon Shin (Pusan National Univ. Yangsan Hosp.)

PROGRAM DETAILS

컨벤션홀 A | DAY 2 - 10.30 (Thu.)

Time	Session & Lecture Title	Chair / Speaker / Panel
08:50-09:05 [O]자유연제-0	A Novel 3-D Ringed-Graft for Valve-Sparing Aortic Root Replacement in Bicuspid Aortic Valves	Joon Bum Kim (Asan Medical Center)
09:05-09:20 [O]자유연제-1	Device-Driven Cyclic Compression of the Superior Vena Cava as a Novel Preload Reduction Strategy to Improve Cardiac Function in a Preclinical Heart Failure Model	Se Jin Oh (SMG-SNU Boramae Medical Center)
09:20-09:35 [O]자유연제-2	Impact of Tumor-Infiltrating Clonal Hematopoiesis on Response to Neoadjuvant Chemo-Immunotherapy in Stage IB-III Non-Small Cell Lung Cancer	Tae Hee Hong (Severance Hosp.)
09:35-09:50 [O]자유연제-3	Refining Histologic Classification of Invasive Lung Adenocarcinoma: Incorporating Lepidic Patterns into the IASLC Grading System	Sukki Cho (Seoul National Univ. Bundang Hosp.)
09:50-10:05 [O]자유연제-4	Immune Cell Alterations after Partial Thymectomy in Pediatric Cardiac Surgery	Seonyong Bae (Seoul National Univ. Hosp.)
10:30~10:50	Coffee Break	
10:50-11:20	회장 시상/강연	
11:20-11:50	연구공로상 시상 및 강연	
11:50-12:50	Invited Lecture "다시 사는 삶" Speaker: 유열 (가수/뮤지컬제작자) Panel: Seokjin Haam (Ajou Univ. Hosp.), Samina park (Seoul National Univ. Hosp.)	
12:50-13:50	Luncheon Session 1. 메트로닉(성인심장)	Chair: Sak Lee (Severance Hosp.)
12:50-13:50	Mitral&Tricuspid Repair Rings Design & Selection	Jae Suk Yoo (Asan Medical Center)
13:50-14:20	총회 / 학술상 시상	
14:20-15:20	Adult Cardiac Surgery Meet the Expert: Adult Cardiac Surgery	Chair: Joonkyu Kang (Eunpyeong St.Mary's Hosp.)
14:20-15:20	Road to Success: My Reflections for Achieving Perfect Cardiac Surgery	Hyun Song (Uljeongbu Eulji Medical Center)
15:20~15:40	Coffee Break	

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
15:40-17:00	Adult Cardiac Surgery Focused Session II. May the Aortic Valve be with You	Chair: Sung-Ho Jung (Asan Medical Center), Sak Lee (Severance Hosp.)
15:40-15:55 Invited	Current Update of TAVR; What Surgeons Should Know?	Pyowon Park (Incheon Sejong Hosp.)
15:55-16:10 Invited	Current Update of Sutureless AVR; Can Sutureless Valve be a Contender in TAVR Era?	Seung Hyun Lee (Severance Hosp.)
16:10-16:20 [O]FS-10	Transcatheter vs Sutureless/Rapid-Deployment Aortic Valve Replacement: Up-To-Date Meta-Analysis	<u>Jaeho Lee (SMG-SNU Boramae Medical Center)</u> Corresponding Author: Jae-Sung Choi (SMG-SNU Boramea Medical Center) Co-Author: Jae-Sung Choi, Jong Ho Park, Se Jin Oh, You Jung Ok, Yong Won Seong, Hyeon Jong Moon, Jae Hwa Jeong
16:20-16:30 [O]FS-11	Stented (Avalus and Carpentier Edwards) vs Sutureless Surgical AVR: Survival and VARC-3 Outcomes in a Propensity Weighted Cohort	<u>Jung-Hoon Shin (Severance Hosp.)</u> Corresponding Author: Sak Lee (Severance Hosp.) Co-Author: Jung-Hoon Shin, Won-Kyung Pyo, Seung-Hyun Lee, Sak Lee
16:30-16:40 [O]FS-12	Comparative Analyses of Aortic Valve Replacement: Full-Sternotomy vs. Mini-Sternotomy vs. Mini-Thoracotomy	<u>Eun Yeong Jung (Asan Medical Center)</u> Corresponding Author: Joon Bum Kim (Asan Medical Center) Co-Author: Eun Yeong Jung, Joon Bum Kim
16:40-16:50 [O]FS-13	Impact of Statins on Clinical Outcomes after Surgical Aortic Valve Replacement: A Deep Learning-Based Causal Inference Study	<u>Yoonjin Kang (Seoul National Univ. Hosp.)</u> Corresponding Author: Yoonjin Kang (Seoul National Univ. Hosp.) Co-Author: Yoonjin Kang, Suk Ho Sohn, Jae Woong Choi, Ho Young Hwang, Kyung Hwan Kim
16:50-17:00 [O]FS-14	Prototype of Visual Artificial Intelligence in Cardiac Surgery: Aortic Valve Replacement	<u>Wan Kee Kim (CORAZÓLEAD)</u> Corresponding Author: Wan Kee Kim (CORAZÓLEAD) Co-Author: Wan Kee Kim, Bong Jo Seong

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
17:00-18:00	Adult Cardiac Surgery Session 12. Heart Transplantation and Special Surgical Issues_5분발표+3분토의	Chair: Woo Sung Jang (Keimyung Univ. Dongsan Hosp.), Min Ho Ju (Pusan National Univ. Yangsan Hosp.)
17:00-17:08 [MO]12-0	Predicting Massive Transfusion during Bridge-to-Transplant LVAD: The Role of ECMO Bridge	<u>Siwon Oh (Samsung Medical Center)</u> Corresponding Author: Yang Hyun Cho (Samsung Medical Center) Co-Author: Siwon Oh, Yang Hyun Cho
17:08-17:16 [MO]12-1	The Relationship between Cold Ischemic Time and Graft Failure in Heart Transplantation: Multicenter Prospective Study	<u>Min Ho Ju (Pusan National Univ. Yangsan Hosp.)</u> Corresponding Author: Min Ho Ju (Pusan National Univ. Yangsan Hosp.) Co-Author: Myoung Soo Kim, Hae-Young Lee, Seok-Min Kang, Dong-Ju Choi, Sang Eun Lee, Jin-Oh Choi, Hyungseop Kim, Soo Yong Lee
17:16-17:24 [MO]12-2	Longer-Term Peripheral Extracorporeal Membrane Oxygenator Bridge to Heart Transplantation	<u>JungJun Lee (Chung-Ang Univ. Hosp.)</u> Corresponding Author: Joon Hwa Hong (Chung-Ang Univ. Hosp.) Co-Author: JungJun Lee, Oh Haeng Lee, Dong Hoon Kim, Choung Kyu Park, Bun Nam Leem, Joon Hwa Hong
17:24-17:32 [MO]12-3	Tricuspid Annuloplasty in Chronic Thromboembolic Pulmonary Hypertension: Impact on Clinical Outcomes and Tricuspid Regurgitation after Pulmonary Endarterectomy	<u>Hyunki Jeong (Samsung Medical Center)</u> Corresponding Author: Dong Seop Jeong (Samsung Medical Center) Co-Author: Dong Seop Jeong
17:32-17:40 [MO]12-4	Single-Dose Modified Bloodless del Nido Cardioplegia for Double Valve Surgery	<u>Heemoon Lee (Bucheon Sejong Hosp.)</u> Corresponding Author: Jae Suk Yoo (Asan Medical Center) Co-Author: Heemoon Lee, Jihoon Kim, Jae Suk Yoo
17:40-17:48 [MO]12-5	Small-Bore versus Conventional Chest Tubes in Cardiac Surgery: A Scoping Review	<u>Jun Woo Cho (Daegu Catholic Univ. Hosp.)</u> Corresponding Author: Jun Woo Cho (Daegu Catholic Univ. Hosp.) Co-Author: Junwoo Cho, Taehong Yoon, Chulho Lee, Jaeseok Jang
17:48-17:56 [MO]12-6	Delineating ≤ 120 -Day Mortality after Heart Transplantation: Hemodynamic Predictors and the Impact of New Dialysis	<u>Sung Jun Park (Severance Hosp.)</u> Corresponding Author: Young-Nam Youn (Severance Hosp.) Co-Author: Sung Jun Park, Yu Rim Shin, Sak Lee, Han Ki Park, Young-Nam Youn

PROGRAM DETAILS

PROGRAM DETAILS

컨벤션홀 A | DAY 3 - 10. 31 (Fri.)

Time	Session & Lecture Title	Chair / Speaker / Panel
07:30-08:18	Adult Cardiac Surgery Session 13, Young Investigator Award: I'm Back	Chair: Ho Jin Kim (Asan Medical Center), Do Jung Kim (Ajou Univ. Hosp.) Panel: Hong Rae Kim (Asan Medical Center), Yo-Chun Jung (Chonnam National Univ. Hosp.), Jun Woo Cho (Daegu Catholic Univ. Hosp.), Kyungsub Song (Keimyung Univ. Dongsan Hosp.), Mi Hee Lim (Pusan National Univ. Yangsan Hosp.)
07:30-07:38 [MO]13-0	Prevalence and Prognostic Impact of Organ-Specific Malperfusion in Acute Type A Aortic Dissection	<u>Jiseok Lee (Seoul National Univ, Bundang Hosp.)</u> Corresponding Author: Jae Hang Lee (Seoul National Univ, Bundang Hosp.) Co-Author: Jiseok Lee, Sang Yoon Kim, Joon Chul Jung, Hyoung Woo Chang, Sang Hon Park, Hyung Gon Je, Jun Sung Kim, Kay-Hyun Park, Jae Hang Lee
07:38-07:46 [MO]13-1	Three-Year Outcomes after Coronary Artery Bypass Grafting using No-Touch Saphenous Vein as Y-Composite versus Aortocoronary Grafts in Patients Enrolled in a Randomized Controlled Trial	<u>Jeongwon Kim (Seoul National Univ, Hosp.)</u> Corresponding Author: Ho Young Hwang (Seoul National Univ, Hosp.) Co-Author: Jeongwon Kim, Suk Ho Sohn, Yoonjin Kang, Ji Seong Kim, Ho Young Hwang
[MO]13-2 Withdrawal	Impact of Inter-Hospital Transfer and Residential Location on Treatment Outcomes in Acute Aortic Dissection: Analysis of National Health Insurance Service Claims Data	<u>Hae Ju Lee (Seoul National Univ, Bundang Hosp.)</u> Corresponding Author: Joon Chul Jung (Seoul National Univ, Bundang Hosp.) Co-Author: Hae Ju Lee, Sang Yoon Kim, Hyoung Woo Chang, Jae Hang Lee, Sanghon Park, Jun Sung Kim, Hyung Gon Je, Kay-Hyun Park, Joon Chul Jung
07:46-07:54 [MO]13-3	Impact of Cardiac Rehabilitation after Coronary Artery Bypass Grafting in Patients with Left Ventricular Dysfunction	<u>Yoon Ji Lee (Myongji Hosp.)</u> Corresponding Author: Min-Seok Kim (Myongji Hosp.) Co-Author: Yoon Ji Lee, Min-Seok Kim, Seong Wook Hwang, Yong Kyun Kim, Ki-Bong Kim

Time	Session & Lecture Title	Chair / Speaker / Panel
07:54-08:02 [MO]13-4	Impact of Residents' Mass Resignation in Cardiovascular Surgery: A Comprehensive Analysis from a System Sustainability Perspective	<u>June Yeop Lee (Seoul National Univ, Bundang Hosp.)</u> Corresponding Author: Hyoung Woo Chang (Seoul National Univ, Bundang Hosp.) Co-Author: June Yeop Lee, Hyoung Woo Chang, Sang Yoon Kim, Joon Chul Jung, Jae Hang Lee, Sanghon Park, Jun Sung Kim, Kay-Hyun Park
08:02-08:10 [MO]13-5	Hemi-Arch versus Total-Arch Replacement in Young Patients with Acute Type A Aortic Dissection	<u>Da Ye Oh (Severance Hosp.)</u> Corresponding Author: Jung Hwan Kim (Severance Hosp.) Co-Author: Jung Hwan Kim
08:10-08:18 [MO]13-6	Efficacy and Safety of Preoperative Volume Optimization in Severe to Torrential Tricuspid Regurgitation: A Multicenter Retrospective Study	<u>Ji Yun Han (Seoul National Univ, Bundang Hosp.)</u> Corresponding Author: Hyoung-Gon Je (Seoul National Univ, Bundang Hosp.) Co-Author: Ji Yun Han, Hyoung-Gon Je, Sang Yoon Kim, Joon Chul Jung, Hyoung Woo Chang, Jun Sung Kim, Sang-Heon Park, Jae Hang Lee, Kay-Hyun Park, Min Ho Ju, Chee-Hoon Lee, Mihee Lim, Younju Rhee
08:30-10:00	Adult Cardiac Surgery Session 14, Valve I : Mission Possible: Mitral and Tricuspid Protocol	Chair: Jae-Sung Choi (SMG-SNU Boramae Medical Center), Hyoung-Gon Je (Seoul National Univ, Bundang Hosp.)
08:30-08:40 [O]14-0	Maze Procedure during Mitral Valve Surgery: Rheumatic versus Degenerative Disease	<u>Joon Young Kim (Asan Medical Center)</u> Corresponding Author: Ho Jin Kim (Asan Medical Center) Co-Author: Joon Young Kim, Hong Rae Kim, Jae-Suk Yoo, Joon Bum Kim, Sung-Ho Jung, Jae Won Lee, Ho Jin Kim
08:40-08:50 [O]14-1	MicroRNA Analysis for Acute Kidney Injury after Cox-Maze Procedure	<u>Chan Hyeong Kim (Seoul National Univ, Hosp.)</u> Corresponding Author: Ho Young Hwang (Seoul National Univ, Hosp.) Co-Author: Chan Hyeong Kim, Seo Hyung Park, Ga-Hyeon Ryu, Jae Woong Choi, Heeyoung Seok, Ho Young Hwang

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
08:50-09:00 [O]14-2	Minimally Invasive vs. Sternotomy Approach for Surgical Ablation of Atrial Fibrillation during Mitral Valve Surgery: A Propensity-Weighted Long-Term Comparative Study	Min Jung Ku (Asan Medical Center) Corresponding Author: Ho Jin Kim (Asan Medical Center) Co-Author: Min Jung Ku, Ho Jin Kim, Hong Rae Kim, Jae Suk Yoo, Joon Bum Kim, Sung-Ho Jung, Cheol Hyun Chung, Jae Won Lee
09:00-09:10 [O]14-3	Impact of Mitral Annular Calcification Severity on Clinical Outcomes Following Mitral Valve Surgery	Sahri Kim (Asan Medical Center) Corresponding Author: Joon Bum Kim (Asan Medical Center) Co-Author: Sahri Kim, Ki Tae Kim, Hong Rae Kim, Ho Jin Kim, Jae Suk Yoo, Sung-Ho Jung, Cheol Hyun Chung, Joon Bum Kim
09:10-09:20 [O]14-4	Concomitant Tricuspid Valve Surgery at the Time of Left Ventricular Assist Device Implantation	Yuri Lee (Samsung Medical Center) Corresponding Author: Yang Hyun Cho (Samsung Medical Center) Co-Author: Yuri Lee, Siwon Oh, Suk Kyung Lim, Ilkun Park, Kiick Sung, Yang Hyun Cho
09:20-09:30 [O]14-5	Concomitant Tricuspid Valve Surgery for Moderate Tricuspid Regurgitation during Left-Sided Valve Surgery	Taek Su Kim (Asan Medical Center) Corresponding Author: Joon Bum Kim (Asan Medical Center) Co-Author: Seohee Joo, Kitae Kim, Hong Rae Kim, Ho Jin Kim, Jae Suk Yoo, Sung-Ho Jung, Cheol Hyun Chung, Joon Bum Kim
09:30-09:40 [O]14-6	Comparison between Mini-Thoracotomy and Full-Sternotomy for the Double or Triple Heart Valve Surgery: Multicenter Retrospective Analysis	Chansop Hwang (Seoul National Univ. Bundang Hosp.) Corresponding Author: Hyoung-Gon Je (Seoul National Univ. Bundang Hosp.) Co-Author: Chansop Hwang, Min Ho Ju, Chee-Hoon Lee, Younju Rhee, Mihee Lim, Sang Yoon Kim, Joon Chul Jung, Hyoung Woo Chang, Jae Hang Lee, Sang-Heon Park, Jun Sung Kim, Kay-Hyun Park, Hyoung-Gon Je.

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
09:40-09:50 [O]14-7	2-Port System 3D Totally Endoscopic Cardiac Surgery using a Homemade Malleable Sump	Jae Hoon Kim (Asan Medical Center) Corresponding Author: Jae Suk Yoo (Asan Medical Center) Co-Author: Jae Hoon Kim, Jae Suk Yoo
09:50-10:00 [O]14-8	Sex-Specific Impact of Body Mass Index on Mortality after Heart Valve Surgery	Ji Hyun Lee (Asan Medical Center) Corresponding Author: Joon Bum Kim (Asan Medical Center) Co-Author: Kitae Kim, Ji Hyun Lee, Cheol Hyun Chung, Sung-Ho Jung, Ho Jin Kim, Hong Rae Kim, Joon Bum Kim, Jae Suk Yoo
10:00~10:30	Coffee Break	
10:30-12:00	Adult Cardiac Surgery Focused Session III : CABG: My LITA to LAD	Chair: Jun Sung Kim (Seoul National Univ. Bundang Hosp.), Kyo-Seon Lee (Chonnam National Univ. Hosp.) 1. Jae-Hak Huh (BHS Han Seo Hosp.), 2. Woo-Roe Choe (Chonnam National Univ. Hosp.), 3. Ji Yun Han (Seoul National Univ. Bundang Hosp.), 4. Hyun Keun Chee (Konkuk Univ. Hosp.), 5. Soonchang Hong (Wonju Severance Christian Hosp.), 6. Sukho Sohn (Seoul National Univ. Hosp.), 7. Heemoon Lee (Bucheon Sejong Hosp.), 8. Jung Suk Choi (Eunpyeong St. Mary's Hoap.), 9. Joon Hwa Hong ((Chung-Ang Univ. Hosp.), 10. Min-Seok Kim (Myongji Hosp.)
12:00-13:00	Luncheon Session 5. 에드워즈라이프사이언스스코리아	Chair: Sak Lee (Severance Hosp.), Jae Seung Jung (Korea Univ. Anam Hosp.)
12:00-13:00	From legacy to Innovation: Next Gen Repair products	Suryeun Chung (Samsung Medical Center)
13:00-14:30	Adult Cardiac Surgery Session 15, Video Session: Stories Written in Motion	Chair: Jae Suk Yoo (Asan Medical Center), Yun Seok Kim (Keimyung Univ. Dongsan Hosp.)
13:00-13:09 [Video]15-0	MICS Multi-Vessel CABG with Composite BITA Graft	Heemoon Lee (Bucheon Sejong Hosp.) Corresponding Author: Heemoon Lee (Bucheon Sejong Hosp.) Co-Author: Heemoon Lee
13:09-13:18 [Video]15-1	No-Touch Saphenous Vein Harvest using HARMONIC™ 1100 Shears: Operative Video	Siwon Oh (Samsung Medical Center) Corresponding Author: Wook Sung Kim (Samsung Medical Center) Co-Author: Siwon Oh, Muhyung Heo, Wook Sung Kim
13:18-13:27 [Video]15-2	Radical Excision of Coronary Artery to Pulmonary Artery Fistula with Aneurysm	Suk Ho Sohn (Seoul National Univ. Hosp.) Corresponding Author: Suk Ho Sohn (Seoul National Univ. Hosp.) Co-Author: Suk Ho Sohn, Ho Young Hwang



PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
13:27-13:36 [Video]15-3	Ross Procedure in a Patient with Bicuspid Aortic Valve and Severe Aortic Stenosis	<u>Joon Young Kim (Asan Medical Center)</u> Corresponding Author: Ho Jin Kim (Asan Medical Center) Co-Author: Ho Jin Kim
13:36-13:45 [Video]15-4	Redo AVR using the Perceval Valve Following Leaflet Resection Only	<u>Ji Hoon Kim (Severance Hosp.)</u> Corresponding Author: Seung Hyun Lee (Severance Hosp.) Co-Author: Seung Hyun Lee, Jung Hoon Shin
13:45-13:54 [Video]15-5	Aortic Valve–Preserving Reconstruction of Mitral–Aortic Intervalvular Fibrosa in Extensive Prosthetic Mitral Endocarditis	<u>Joon Young Kim (Asan Medical Center)</u> Corresponding Author: Joon Bum Kim (Asan Medical Center) Co-Author: Joon Bum Kim
13:54-14:03 [Video]15-6	Commando Procedure for Extremely Small Aortic and Mitral Annuli in the Presence of Mitral Annular Calcification (MAC)	<u>Dongsun Lee (Bucheon Sejong Hosp.)</u> Corresponding Author: Dongjin Kim (Bucheon Sejong Hosp.) Co-Author: Dongsun Lee
14:03-14:12 [Video]15-7	Standardized AV Repair for Functional AR – Addressing STJ and Annular Dynamics Insights from a Case with the Ascending Aortic Dilatation Phenotype	<u>Sang–Ho Cho (Kyung Hee Univ. Hope, at Gangdong)</u> Corresponding Author: Sang–Ho Cho (Kyung Hee Univ. Hope, at Gangdong) Co-Author: Sang–Ho Cho, Jongbae Son, Dae Hyun Kim
14:12-14:21 [Video]15-8	Hybrid Zone 1 Branched TEVAR in Hemodialysis Patient with Left AVF	<u>Ha Lee (Ewha Womans Univ. Seoul Hosp.)</u> Corresponding Author: Ha Lee (Ewha Womans Univ. Seoul Hosp.) Co-Author: Ha Lee, Kwang–Hun Lee
14:21-14:30 [Video]15-9	Young Surgeon's First Experience with Descending Aorta to Bilateral External Iliac Artery Bypass for Leriche's Syndrome	<u>Chong Hoon Kim (Inje Univ. Sanggye Paik Hosp.)</u> Corresponding Author: Chong Hoon Kim (Inje Univ. Sanggye Paik Hosp.) Co-Author: Chong Hoon Kim
14:30-15:00	Coffee Break	



PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
15:00-16:00	<u>Adult Cardiac Surgery</u> Session 16, Aorta II : Decisions in Acute Aortic Dissection: Extent, Technique, and Aftercare	Chair: Kiick Sung (Samsung Medical Center), Hyun Chel Joo (Severance Hosp.)
15:00-15:10 [0]16-0	The Risk Factors and Implications of Noninfectious Fever after Surgery for Acute Type A Aortic Dissection	<u>Ji Yun Han (Seoul National Univ. Bundang Hosp.)</u> Corresponding Author: Jae Hang Lee (Seoul National Univ. Bundang Hosp.) Co-Author: Ji Yun Han, Jae Hang Lee, Sang Yoon Kim, Joon Chul Jung, Hyoung Woo Chang, Jun Sung Kim, Hyoung–Gon Je, Sang–Heon Park, Kay–Hyun Park
15:10-15:20 [0]16-1	Nationwide Analysis of Surgical Extent in Acute Aortic Dissection: Total Arch versus Ascending Aorta Replacement	<u>Yoonjin Kang (Seoul National Univ. Hosp.)</u> Corresponding Author: Jae Woong Choi (Seoul National Univ. Bundang Hosp.) Co-Author: Yoonjin Kang, Yeiwon Lee, Sue Hyun Kim, Suk Ho Sohn, Ho Young Hwang, Kyung Hwan Kim, Mi–Sook Kim, Jae Woong Choi
15:20-15:30 [0]16-2	Optimal Stent Graft Sizing in Aortic Dissection	<u>Tae–Hoon Kim (Gangnam Severance Hosp.)</u> Corresponding Author: Tae–Hoon Kim (Gangnam Severance Hosp.) Co-Author: Tae–Hoon Kim
15:30-15:40 [M0]16-3	Limited vs. Extensive Approach in Acute Type A Aortic Dissection	<u>Ha Lee (Ewha Womans Univ. Seoul Hosp.)</u> Corresponding Author: Suk–Won Song (Ewha Womans Univ. Seoul Hosp.) Co-Author: Ha Lee, Su ji Oh, Seong jun Lim, Myeong Su Kim, Tae–Hoon Kim, Suk–Won Song
15:40-15:50 [M0]16-4	True Lumen Expansion Effect of Frozen Elephant Trunk in Acute Type A Aortic Dissection Surgery	<u>Chee–hoon Lee (Pusan National Univ. Yangsan Hosp.)</u> Corresponding Author: Chee–hoon Lee (Pusan National Univ. Yangsan Hosp.) Co-Author: Min ho Ju, Mi Hee Lim, Younju Rhee

PROGRAM DETAILS

MEMO



PROGRAM DETAILS

컨벤션홀 B | DAY 1 - 10. 29 (Wed.)

Time	Session & Lecture Title	Chair / Speaker / Panel
13:00-14:00	General Thoracic Session 20. Young Investigator Award	Chair: Kyung Soo Kim (Seoul St. Mary's Hosp.), Hyun Jin Cho (Chungnam National Univ.)
13:00-13:08 [O]20-0	Preoperative Identification of the Left Pulmonary Vein Common Trunk in Left Lung Cancer Surgery	Cho Eun Lee (Samsung Medical Center) Corresponding Author: Jong Ho Cho (Samsung Medical Center) Co-Author: Cho Eun Lee
13:08-13:16 [O]20-1	Reducing Surface Tension to Improve Lung Expansion: A Comparative Study of Stapler Firings in Pneumothorax	Gayeon Kang (Pusan National Univ. Hosp.) Corresponding Author: Hyo Yeong Ahn (Pusan National Univ. Hosp.) Co-Author: Gayeon Kang, Hyo Yeong Ahn
13:16-13:24 [O]20-2	Prognostic Effect of Multiple N1 Involvement in Resected Non-Small Cell Lung Cancer	Shia Kim (Asan Medical Center) Corresponding Author: Geun Dong Lee (Asan Medical Center) Co-Author: Shia Kim, Jae Kwang Yun, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park, Geun Dong Lee
13:24-13:32 [O]20-3	Prognostic Significance of Increased FDG-PET Uptake in Mediastinal Lymph Nodes in Clinical Stage I NSCLC Patients with Pathologic NO: A Retrospective Cohort Study	Seon Yong Bae (Seoul National Univ. Hosp.) Corresponding Author: Kwon Joong Na (Seoul National Univ. Hosp.) Co-Author: Seon Yong Bae, Kwon Joong Na
13:32-13:40 [O]20-4	Exploring Optimal Number of Lymph Node Stations for Dissection in Esophageal Cancer Surgery	Hye Rim Na (Asan Medical Center) Corresponding Author: Jae Kwang Yun (Asan Medical Center) Co-Author: Hye Rim Na, Ji Yong Kim, Geun Dong Lee, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park, Jae Kwang Yun
13:40-13:48 [O]20-5	Dose Adding ELS to ETS Reduce Compensatory Hyperhidrosis? A Single-Center Experience	Hyun Ok Jeon (Severance Hosp.) Corresponding Author: Sungsoo Lee (Gangnam Severance Hosp.) Co-Author: Beatrice Chia-Hui Shih, Duk Hwan Moon, Sungsoo Lee
13:48-13:56 [O]20-6	Prognostic Significance of Consolidation-to-Tumor Ratio in Stage IA Solid Predominant Non-Mucinous Adenocarcinoma: A Paradigm for Risk Stratification	Yeong Min Lee (Asan Medical Center) Corresponding Author: Jae Kwang Yun (Asan Medical Center) Co-Author: Yura Ahn, Geun Dong Lee, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park, Jooae Choe, Jae Kwang Yun



PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
14:00-15:30	General Thoracic Session 21. Lung Cancer II.	Chair: Chang Young Lee (Severance Hosp.), Jae Kwang Yun (Asan Medical Center)
14:00-14:10 [O]21-0	Aberrant Artery of LPA Supplying LUL: Clinical Significance in Major VATS for LUL Pathology	Seok Whan Moon (Seoul St. Mary's Hosp.) Corresponding Author: Seok Whan Moon (Seoul St. Mary's Hosp.) Co-Author: Seok Whan Moon, Seung Keun Yoon, Young-Du Kim, Dae Hee Han
14:10-14:20 [O]21-1	Histologically Benign Findings after Completion Lobectomy for Suspected Lung Cancer Recurrence: A Case Series and Clinical Implications	Shia Kim (Asan Medical Center) Corresponding Author: Hyeong Ryul Kim (Asan Medical Center) Co-Author: Shia Kim, Jae Kwang Yun, Geun Dong Lee, Sehoon Choi, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park, Hyeong Ryul Kim
14:20-14:30 [O]21-2	Early Outcomes of Cryoablation for High-Risk Small Ground Glass Nodules	Ji Yun Han (Seoul National Univ. Bundang Hosp.) Corresponding Author: Woohyun Jung (Seoul National Univ. Bundang Hosp.) Co-Author: Ji Yun Han, Woohyun Jung, Kun Yung Kim, Jae Hyun Jeon, Sukki Cho, Chang Jin Yoon, Kwhanmien Kim
14:30-14:40 [O]21-3	Positive Resection Margins in Intraoperative Diagnostic Wedge Resection do not Affect Pleural Seeding and Prognosis in Lung Cancer Surgery	Hyun Woo Cho (Ajou Univ. Hosp.) Corresponding Author: Seokjin Haam (Ajou Univ. Hosp.) Co-Author: Hyun Woo Cho, Woo Sik Yu, Junho Jung, Seokjin Haam
14:40-14:50 [O]21-4	Sublobar Resection vs. Stereotactic Body Radiation Therapy in Early-Stage Peripheral Non-Small Cell Lung Cancer	Donghee Kim (Asan Medical Center) Corresponding Author: Jae Kwang Yun (Asan Medical Center) Co-Author: Ji Yong Kim, Youngseob Shin, Geundong Lee, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park, Jae Kwang Yun
14:50-15:00 [O]21-5	Causes of Death by Time and Treatment Modality in Surgically Treated Lung Cancer Patients: A Korean Nationwide Study	Dong Woog Yoon (Chung-Ang Univ. Hosp.) Corresponding Author: Jong Ho Cho (Samsung Medical Center) Co-Author: Dong Woog Yoon, Jaejun Jeong, Kyungdo Han, Seonghye Kim, Dong Wook Shin, Jong Ho Cho



PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
15:00-15:10 [O]21-6	Structured Training and Early Outcomes in Major Pulmonary Resections by a Junior Thoracic Surgeon	Seha Ahn (Eunpyeong St. Mary's Hosp.) Corresponding Author: Youngkyu Moon (Eunpyeong St. Mary's Hosp.) Co-Author: Seha Ahn, Youngkyu Moon
15:10-15:20 [O]21-7	Prognostic Significance of Lymphovascular Invasion in Lung Cancer: A Rationale for Inclusion in Future T Descriptors	In Ha Kim (Asan Medical Center) Corresponding Author: Jae Kwang Yun (Asan Medical Center) Co-Author: In Ha Kim, Geun Dong Lee, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park, Jae Kwang Yun
15:20-15:30 [O]21-8	Metabolic Profiles of Lung Squamous Cell Carcinoma	Kyung Soo Kim (Seoul St. Mary's Hosp.) Corresponding Author: Kyung Soo Kim (Seoul St. Mary's Hosp.) Co-Author: Kyung Soo Kim, Seung Keun Yoon, Young-Du Kim, Seok Whan Moon, Mi Hyung Moon, Seung Joon Kim, Kwang Youl Kim, Dong Wook Jekarl
15:30~16:00	Coffee Break	
16:00-17:30	General Thoracic Session 22. Best Presentation Award	Chair: Hyeong Ryul Kim (Asan Medical Center), Bong Soo Son (Pusan National Univ. Yangsan Hosp.)
16:00-16:12 [O]22-0	Histology-Specific Molecular Predictors of Resistance to Neoadjuvant Chemoimmunotherapy in Stage IB-III Non-Small Cell Lung Cancer	Tae Hee Hong (Severance Hosp.) Corresponding Author: Chang Young Lee (Severance Hosp.) Co-Author: Tae Hee Hong, Chung Lee, Hansoll Na, Jingjun Zhu, Young Ho Yang, Ha Eun Kim, Byung Jo Park, Jin Gu Lee, Dae Joon Kim, Jii Bum Lee, Chang Gon Kim, Sun Min Lim, Min Hee Hong, Byoung Chul Cho, Hye Ryun Kim, Hyo Sup Shim, Chang Young Lee
16:12-16:24 [O]22-1	Risk-Stratified Analysis of the Extent of Mediastinal Lymph-Node Dissection in Clinically T1abN0M0 Lung Cancer	Joonseok Lee (Seoul National Univ. Bundang Hosp.) Corresponding Author: Joonseok Lee (Seoul National Univ. Bundang Hosp.) Co-Author: Joonseok Lee, Jung Woo Son, Woohyun Jung, Jae Hyun Jeon, Sukki Cho, and Kwahnmien Kim



PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
16:24-16:36 [O]22-2	Pathologic Response after Neoadjuvant Chemoradiotherapy versus Chemoimmunotherapy in Driver-Negative Stage III-N2 Non-Small Cell Lung Cancer	Junghee Lee (Samsung Medical Center) Corresponding Author: Hong Kwan Kim (Samsung Medical Center) Co-Author: Junghee Lee, Dong Young Jeong, JeongA Son, Yeong Jeong Jeon, Seong Yong Park, Jong Ho Cho, Yong Soo Choi, Ho Yun Lee, Hong Kwan Kim
16:36-16:48 [O]22-3	Tumor Size and Survival in N1 and N2 NSCLC: Beyond Categorical Staging	Jun Oh Lee (Asan Medical Center) Corresponding Author: Jae Kwang Yun (Asan Medical Center) Co-Author: Jun Oh Lee, Geun Dong Lee, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park, Jae Kwang Yun
16:48-17:00 [O]22-4	Continuous Erector Spinae Plane Block versus Thoracic Epidural Analgesia after Thoracotomy: A Randomized Controlled Assessor-Blinded Non-Inferiority Trial	Kwon Joong Na (Seoul National Univ. Hosp.) Corresponding Author: Kwon Joong Na (Seoul National Univ. Hosp.) Co-Author: Sooah Cho, Ho-Jin Lee, Soo-hyuk Yoon, Sang-Youn Park, Samina Park, Hyun Joo Lee, In Kyu Park, Chang Hyun Kang, Susie Yoon, Young Tae Kim, Jaehyon Bahk, Kwon Joong Na
17:00-17:12 [O]22-5	Zone-Specific Intrathoracic Volume Remodeling Following Single, Cross, and XI Bar Repair of Pectus Excavatum	Gongmin Rim (Bundang CHA Medical Center) Corresponding Author: Kwanyong Hyun (ST.Vincent's Hosp.) Co-Author: Gongmin Rim, Hee Suk Jung, Young Mok Shim, Kwanyong Hyun, Hyung Joo Park
17:12-17:24 [O]22-6	Comparison of VATS Alone versus Combined VATS and Laparoscopy in the Management of Catamenial Pneumothorax	Beatrice Chia-Hui Shih (Gangnam Severance Hosp.) Corresponding Author: Sungsoo Lee (Gangnam Severance Hosp.) Co-Author: Beatrice Chia-Hui Shih, Duk Hwan Moon, Sungsoo Lee



PROGRAM DETAILS

컨벤션홀 B | DAY 2 - 10. 30 (Thu.)

Time	Session & Lecture Title	Chair / Speaker / Panel
08:00-08:10	개회사/학회운영안내	
08:10-08:50	Best Paper in JCS 및 시상	
08:50-10:30	자유연제	Chair: Hyun Koo Kim (Korea Univ. Guro Hosp.), Jun Sung Kim (Seoul National Univ. Bundang Hosp.)
08:50-09:05 (0)자유연제-0	A Novel 3-D Ringed-Graft for Valve-Sparing Aortic Root Replacement in Bicuspid Aortic Valves	Joon Bum Kim (Asan Medical Center)
09:05-09:20 (0)자유연제-1	Device-Driven Cyclic Compression of the Superior Vena Cava as a Novel Preload Reduction Strategy to Improve Cardiac Function in a Preclinical Heart Failure Model	Se Jin Oh (SMG-SNU Boramae Medical Center)
09:20-09:35 (0)자유연제-2	Impact of Tumor-Infiltrating Clonal Hematopoiesis on Response to Neoadjuvant Chemo-Immunotherapy in Stage IB-III Non-Small Cell Lung Cancer	Tae Hee Hong (Severance Hosp.)
09:35-09:50 (0)자유연제-3	Refining Histologic Classification of Invasive Lung Adenocarcinoma: Incorporating Lepidic Patterns into the IASLC Grading System	Sukki Cho (Seoul National Univ. Bundang Hosp.)
09:50-10:05 (0)자유연제-4	Immune Cell Alterations after Partial Thymectomy in Pediatric Cardiac Surgery	Seonyong Bae (Seoul National Univ. Hosp.)
10:30-10:50	Coffee Breek	
10:50-11:20	회장 시상/강연	
11:20-11:50	연구공로상 시상 및 강연	
11:50-12:50	Invited Lecture "다시 사는 삶" Speaker: 유열 (가수/뮤지컬제작자) Panel: Seokjin Haam (Ajou Univ. Hosp.), Samina park (Seoul National Univ. Hosp.)	
12:50-13:50	Luncheon Session 2. 인튜이티브	Chair: Sukki Cho (Seoul National Univ. Bundang Hosp.)
12:50-13:50	Sharing the experience – how to overcome initial learning curve of robot-assisted lung surgery	Samina Park (Seoul National Univ. Hosp.)
14:20-15:20	General Thoracic Meet the Expert	Chair: Hyeong Ryul Kim (Asan Medical Center)
14:20-15:20	There is No Royal Way to be a Fearless Surgeon for Esophageal Surgery and Robotic Surgery	Yong-Hee Kim (Asan Medical Center)
15:20-15:40	Coffee Breek	



PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
15:40-17:00	General Thoracic Focused Session I . Update on Lung Transplantation	Chair: Jin Gu Lee (Severance Hosp.), Sehoon Choi (Asan Medical Center)
15:40-15:55 Invited	Recent Innovations in Donor Procurement and Organ Preservation	Woo Sik Yu (Ajou Univ. Hosp.)
15:55-16:10 Invited	Up-to-Date Innovations in Recipient Surgery — Minimally Invasive Approach	Samina Park (Seoul National Univ. Hosp.)
16:10-16:25 Invited	Up-to-Date Innovations in Perioperative Management	Kyeongman Jeon (Samsung Medical Center)
16:25-16:55 Invited	Excellent Clinical Outcomes of Lung Transplantation in Japan: Current Status and Updates	Masaaki Sato (The Univ. of Tokyo Hosp.)
17:00-18:00	General Thoracic Focused Session II . Lung Transplantation — Abstract Session	Chair: Jin Gu Lee (Severance Hosp.), Sehoon Choi (Asan Medical Center)
17:00-17:10 (0)FS-20	Impact of Donor-Recipient Aging Matching on the Outcome of Lung Transplantation	Ha Eun Kim (Severance Hosp.) Corresponding Author: Ha Eun Kim (Severance Hosp.) Co-Author: Ha Eun Kim, Tae Hee Hong, Young Ho Yang, Byung Jo Park, Chang Young Lee, Dae Joon Kim, Jin Gu Lee
17:10-17:20 (0)FS-21	The Impact of Intraoperative V-A ECMO Cannulation Strategy on Early Post-Transplant Outcomes and PGD: A Propensity Score-Matched Cohort Study	Junghee Lee (Samsung Medical Center) Corresponding Author: Junghee Lee (Samsung Medical Center) Co-Author: Junghee Lee , Suk Kyung Lim, JeongA Son, Yeong Jeong Jeon, Jihyang Hyun, Jihyun Lee, Hong Kwan Kim, Kyeongman Jeon, Yang Hyun Cho
17:20-17:30 (0)FS-22	10° C Preservation: A Promising Alternative for Donor Lung Storage that Improves Surgical Efficiency and ECMO Weaning	Junghee Lee (Samsung Medical Center) Corresponding Author: Junghee Lee (Samsung Medical Center) Co-Author: Junghee Lee, Son JeongA, Yeong Jeong Jeon, Suk Kyung Lim, Jihyang Hyun, Jihyun Lee, Yang Hyun Cho, Jeon Kyeongman, Hong Kwan Kim

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
17:30-17:40 [O]FS-23	Longitudinal Outcomes of Pediatric Bilateral Lung Transplantation	Seon Yong Bae (Seoul National Univ. Hosp.) Corresponding Author: Samina Park (Seoul National Univ. Hosp.) Co-Author: Seon Yong Bae, Dae Hyeon Kim, Taeyoung Yun, Ji Hyeon Park, Bubse Na, Kwon Joong Na, Samina Park, Hyun Joo Lee, In Kyu Park, Chang Hyun Kang, Young Tae Kim
17:40-17:50 [O]FS-24	Overnight Lung Transplantation is Associated with Postoperative Bleeding Reoperation	Ji Hyeon Park (Seoul National Univ. Hosp.) Corresponding Author: Samina Park (Seoul National Univ. Hosp.) Co-Author: Ji Hyeon Park, Samina Park, Seon Yong Bae, Dae Hyeon Kim, Taeyoung Yun, Bubse Na, Kwon Joong Na, Hyun Joo Lee, In Kyu Park, Chang Hyun Kang, Young Tae Kim
17:50-18:00 [O]FS-25	Sternal Dehiscence after Bilateral Lung Transplantation with Clamshell Incision	Dae Hyeon Kim (Seoul National Univ. Hosp.) Corresponding Author Samina Park (Seoul National Univ. Hosp.) Co-Author: Dae Hyeon Kim, Seon Yong Bae, Taeyoung Yun, Ji Hyeon Park, Bubse Na, Kwon Joong Na, Hyun Joo Lee, In Kyu Park, Chang Hyun Kang, Young Tae Kim, Samina Park

PROGRAM DETAILS

컨벤션홀 B | DAY 3 - 10. 31 (Fri.)

Time	Session & Lecture Title	Chair / Speaker / Panel
07:30-08:30	General Thoracic Session 23. Pleural and Chest Wall Diseases	Chair: Sungsoo Lee (Gangnam Severance Hosp.), Hyo Yeong Ahn (Pusan National Univ. Hosp.)
07:30-07:40 [O]23-0	Efficacy and Safety of CO ₂ -Assisted VATS Mediastinal Dissection with Crane Technique in Pectus Excavatum Repair: A Prospective Study	Gongmin Rim (Bundang CHA Medical Center) Corresponding Author: Kwanyong Hyun (ST,Vincent' s Hosp.) Co-Author: Gongmin Rim, Hee Suk Jung, Young Mok Shim, Kwanyong Hyun
07:40-07:50 [O]23-1	Impact of Age on Surgical Results for Symmetric Pectus Excavatum Patients: A Propensity Score Matched Comparative Study	Seung Keun Yoon (Seoul St. Mary's Hosp.) Corresponding Author: Hyung Joo Park (Seoul St. Mary's Hosp.) Co-Author: Seung Keun Yoon, Hyung Joo Park
07:50-08:00 [O]23-2	Double Double Technique in MIRPE: Optimizing Bar Position and Efficiency	Ji Hoon Kim (Severance Hosp.) Corresponding Author: Sungsoo Lee (Gangnam Severance Hosp.) Co-Author: Ji Hoon Kim, Beatrice Chia-Hui Shih, Duk Hwan Moon, Sungsoo Lee
08:00-08:10 [O]23-3	Apical Chest Morphology Predicts First-Episode Primary Spontaneous Pneumothorax in Adolescents	Hee Suk Jung (Bundang CHA Medical Center) Corresponding Author: Hee Suk Jung (Bundang CHA Medical Center) Co-Author: Hee Suk Jung
08:10-08:20 [O]23-4	Who's Really at Risk Predictors of Recurrence of Primary Pneumothorax in Teenagers and Why First Line Surgery Deserves a Second Look.	Beatrice Chia-Hui Shih (Gangnam Severance Hosp.) Corresponding Author: Sungsoo Lee (Gangnam Severance Hosp.) Co-Author: Beatrice Chia-Hui Shih, Duk Hwan Moon, Sungsoo Lee
08:20-08:30 [O]23-5	Outcomes of Pleural Sealant Application in Pneumothorax Surgery	Joong Gil Bae (Gangnam Severance Hosp.) Corresponding Author: Duk Hwan Moon (Gangnam Severance Hosp.) Co-Author: Duk Hwan Moon, Sungsoo Lee, Joong Gil Bae, Chia Hui Shih, Chan Sop Hwang

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
08:30-10:00	General Thoracic Session 24. Minimal Invasive Surgery	Chair: Jeong-Su Cho (Pusan National Univ. Hosp.), Woo Sik Yu (Ajou Univ. Hosp.)
08:30-08:42 [O]24-0	Early Clinical Outcomes of Robot-Assisted and Video-Assisted Segmentectomy for Non-Small Cell Lung Cancer	Dae Hyeon Kim (Seoul National Univ. Hosp.) Corresponding Author: Chang Hyun Kang (Seoul National Univ. Hosp.) Co-Author: Dae Hyeon Kim, Seon Yong Bae, Taeyoung Yun, Ji Hyeon Park, Bubse Na, Kwon Joong Na, Samina Park, In Kyu Park, Young Tae Kim, Chang Hyun Kang
08:42-08:54 [O]24-1	Single-Port Robotic Segmentectomy using the da Vinci SP System for Non-Small Cell Lung Cancer	Byung Mo Gu (Korea Univ. Guro Hosp.) Corresponding Author: Hyun Koo Kim (Korea Univ. Guro Hosp.) Co-Author: Jun Hee Lee, Hyeong Hun Song, Byung Mo Gu, Soon Young Hwang, Kook Nam Han, and Hyun Koo Kim
08:54-09:06 [O]24-2	Toward Port Reduction in Robotic Solo Lobectomy: Technical Steps and Feasibility	Hyo Yeong Ahn (Pusan National Univ. Hosp.) Corresponding Author: Hyo Yeong Ahn (Pusan National Univ. Hosp.) Co-Author: Hyo Yeong Ahn, Jeong Su Cho, Jong Geun Lee, Ho Sung Cho
09:06-09:18 [O]24-3	Initial Experience of Bronchoplastic Lobectomy using the Single-Port Robotic System in Comparison with Multiport Robotic and VATS Approaches	Byung Mo Gu (Korea Univ. Guro Hosp.) Corresponding Author: Hyun Koo Kim (Korea Univ. Guro Hosp.) Co-Author: Jun Hee Lee
09:18-09:30 [O]24-4	Longitudinal Pulmonary Function Changes and Pulmonary Complications after Robot-Assisted Minimally Invasive versus Open Esophagectomy: A Large Cohort Study	Yeong Jeong Jeon (Samsung Medical Center) Corresponding Author: Seong Yong Park (Samsung Medical Center) Co-Author: Yeong Jeong Jeon, Danbee Kang, Junghee Lee, Jong Ho Cho, Yong Soo Choi, Hong Kwan Kim, Seong Yong Park
09:30-09:42 [O]24-5	Impact of Open versus Minimally Invasive Abdominal Approach in Esophagectomy with Minimally Invasive Thoracic Approach	Bubse Na (Seoul National Univ. Hosp.) Corresponding Author: Chang Hyun Kang (Seoul National Univ. Hosp.) Co-Author: Bubse Na, Chang Hyun Kang, Seon Young Bae, Dae Hyeon Kim, Taeyoung Yun, Ji Hyeon Park, Kwon Joong Na, Samina Park, Hyun Joo Lee, In Kyu Park, Young Tae Kim

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
09:42-09:54 [O]24-6	Metastasectomy in Recurrent Thymic Tumors: Minimally Invasive vs Open Approaches	Seon Yong Bae (Seoul National Univ. Hosp.) Corresponding Author: Chang Hyun Kang (Seoul National Univ. Hosp.) Co-Author: Seon Yong Bae, Dae Hyeon Kim, Taeyoung Yun, Ji Hyeon Park, Bubse Na, Kwon Joong Na, Samina Park, Hyun Joo Lee, In Kyu Park, Chang Hyun Kang, Young Tae Kim
10:00-10:30	Coffee Break	
10:30-12:00	General Thoracic Session 25. Perioperative Chemotherapy and Immunotherapy in NSCLC	Chair: In Kyu Park (Seoul National Univ. Hosp.), Yong Won Seong (SMG-SNU Boramae Medical Center)
10:30-10:42 [O]25-0	Functional Status over Tumor Response: Predicting Surgical Feasibility after Neoadjuvant Chemoimmunotherapy for Non-Small Cell Lung Cancer	Junghee Lee (Samsung Medical Center) Corresponding Author: Hong Kwan Kim (Samsung Medical Center) Co-Author: Junghee Lee, Dong Young Jeong, JeongA Son, Yeong Jeong Jeon, Seong Yong Park, Jong Ho Cho, Yong Soo Choi, Ho Yun Lee, Hong Kwan Kim
10:42-10:54 [O]25-1	When is the Optimal Time for Surgery after Neoadjuvant Chemoimmunotherapy in NSCLC? A Multi-Center Analysis	Tae Hee Hong (Severance Hosp.) Corresponding Author: Chang Young Lee (Severance Hosp.) Co-Author: Tae Hee Hong, Yeong Jeong Jeon, Young Ho Yang, Ha Eun Kim, Byung Jo Park, Jin Gu Lee, Dae Joon Kim, Junghee Lee, Seong Yong Park, Jong Ho Cho, Yong Soo Choi, Hong Kwan Kim, Chang Young Lee
10:54-11:06 [O]25-2	Comparison of Pathologic Response between Nivolumab- and Pembrolizumab-Based Neoadjuvant Chemoimmunotherapy in NSCLC: A Multi-Center Analysis	Yeong Jeong Jeon (Samsung Medical Center) Corresponding Author: Hong Kwan Kim (Samsung Medical Center) Co-Author: Yeong Jeong Jeon, Tae Hee Hong, Chang Young Lee, Sehhoon Park, Hong Kwan Kim

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
11:06-11:18 [O]25-3	Real-World Efficacy of Neoadjuvant Nivolumab versus Pembrolizumab in Resectable NSCLC: A Propensity Score-Matched Comparative Analysis	Junghee Lee (Samsung Medical Center) Corresponding Author: Jong Ho Cho (Samsung Medical Center) Co-Author: Junghee Lee, JeongA Son, Yeong Jeong Jeon, Seong Yong Park, Hong Kwan Kim, Yong Soo Choi, Jong Ho Cho
11:18-11:30 [O]25-4	Short Term Surgical Outcomes of NSCLC Patients with Perioperative Immunotherapy	Jun Oh Lee (Asan Medical Center) Corresponding Author: Hyeong Ryul Kim (Asan Medical Center) Co-Author: Jun Oh Lee, Jae Kwang Yun, Geun Dong Lee, Sehoon Choi, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park, Hyeong Ryul Kim
11:30-11:42 [O]25-5	Eurolung Score as a Preoperative Predictor of Adjuvant Chemotherapy Completion in Resected NSCLC	Hyo Kyen Park (Asan Medical Center) Corresponding Author: Jae Kwang Yun (Asan Medical Center) Co-Author: Hyo Kyen Park, Geun Dong Lee, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Seung-Il Park, Jae Kwang Yun
12:00-13:00	Luncheon Session 6. 메드트로닉(일반흉부)	Hyeong Ryul Kim (Asan Medical Center)
12:00-13:00	Preventing and Managing BPF in VATS: Reinforced Stapler Techniques	Yeong Jeong Jeon (Samsung Medical Center)
13:00-14:30	General Thoracic Session 26. Lung Cancer I	Chair: Jae Hyun Jeon (Seoul National Univ. Bundang Hosp.), Dohun Kim (Chungbuk National Univ. Hosp.)
13:00-13:10 [O]26-0	Impact of Trainee Absence on Postoperative Recovery and Healthcare System Capacity in Lung Cancer Surgery: A Single-Center, Propensity Score-Matched Analysis	Junghee Lee (Samsung Medical Center) Corresponding Author: Jong Ho Cho (Samsung Medical Center) Co-Author: Junghee Lee, JeongA Son, Yeong Jeong Jeon, Seong Yong Park, Yong Soo Choi, Hong Kwan Kim, Jong Ho Cho
13:10-13:20 [O]26-1	Clinical Impact of Regional Lymph Node Evaluation During Sublobar Resection for Clinical Stage I Lung Adenocarcinoma	Jun Oh Lee (Asan Medical Center) Corresponding Author: Jae Kwang Yun (Asan Medical Center) Co-Author: Jun Oh Lee, Geun Dong Lee, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park, Jae Kwang Yun

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
13:20-13:30 [O]26-2	Toward Fully Automatic Lung Nodule Localization: Multi-Label Chest CT Segmentation with Transfer Learning	Sungwon Ham (Korea Univ. Ansan Hosp.) Corresponding Author: Jinwook Hwang (Korea Univ. Ansan Hosp.) Co-Author: Sungwon Ham, Intae Hwang, Chohee Kim, Jinwook Hwang
13:30-13:40 [O]26-3	Nationwide Outcomes of Local-Stage Lung Cancer Treatment in Patients Aged 80 and Above in Korea: Data from Cancer Public Library Database	Yongwoo Chung (National Cancer Center) Corresponding Author: Jin-Ho Choi (National Cancer Center) Co-Author: Yongwoo Chung, JaeWon Song, MoonSoo Kim, JongMog Lee, Jin-Ho Choi
13:40-13:50 [O]26-4	Postoperative Pulmonary Function in Stage I-II NSCLC: A Comparative Analysis using Preoperative Spirometry Classification	Odbaatar Myagmar (Seoul National Univ. Bundang Hosp.) Corresponding Author: Joonseok Lee (Seoul National Univ. Bundang Hosp.) Co-Author: Odbaatar Myagmar, Joonseok Lee, Jung Woo Son, Woohyun Jung, Jae Hyun Jeon, Sukki Cho, and Kwhanmien Kim
13:50-14:00 [O]26-5	Prognostic Impact of Interstitial Lung Abnormalities in Resected Lung Cancer	Joonseok Lee (Seoul National Univ. Bundang Hosp.) Corresponding Author: Jae Hyun Jeon (Seoul National Univ. Bundang Hosp.) Co-Author: Joonseok Lee, Jae Hyun Jeon, Jung Woo Son, Woohyun Jung, Sukki Cho, and Kwhanmien Kim
14:00-14:10 [O]26-6	Prognostic Impact of Extracapsular Extension of Lymph Nodes in Resected Lung Cancer Analysis by New N Subcategories and Histologic Types	Shia Kim (Asan Medical Center) Corresponding Author: Jae Kwang Yun (Asan Medical Center) Co-Author: Shia Kim, Yura Ahn, Sang Min Lee, Bokyung Ahn, Sehoon Choi, Kyung-Hyun Do, Joon Beom Seo, Jae Kwang Yun
14:10-14:20 [O]26-7	Development and Validation of a Machine Learning Model for Postoperative Survival in Lung Adenocarcinoma	Yelee Kwon (KIRAMS) Corresponding Author: Hyeong Ryul Kim (Asan Medical Center) Co-Author: Yelee Kwon, Jae Kwang Yun, Geun Dong Lee, Hae Won Lee, Chang Min Choi, Hyeong Ryul Kim

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
14:20-14:30 [O]26-8	Short- and Long-Term Risks of Atrial Fibrillation in Lung Cancer Survivors According to Treatment Modality: A Korean Nationwide Study	<u>Dong Woog Yoon (Chung-Ang Univ. Hosp.)</u> Corresponding Author: Jong Ho Cho (Samsung Medical Center) Co-Author: Dong Woog Yoon, Jinhyung Jung, Hyun Sung Joh, Seonghye Kim, Wonyoung Jung, Yong-Moon Mark Park, Kyungdo Han, Dong Wook Shin, Jong Ho Cho
14:30-15:00	Coffee Break	
15:00-16:00	General Thoracic Session 27. Esophageal Cancer I	Chair: Hoseok I (Pusan National Univ. Hosp), Jong Ho Cho (Samsung Medical Center)
15:00-15:10 [O]27-0	Tumor Microenvironment Dynamics in Lymph Node Metastasis of Esophageal Squamous Cell Carcinoma	<u>Tae Hee Hong (Severance Hosp.)</u> Corresponding Author: Dae Joon Kim (Severance Hosp.) Co-Author: Tae Hee Hong, Hansoll Na, Chung Lee, Young Ho Yang, Ha Eun Kim, Byung Jo Park, Hyun Ki Kim, Dae Joon Kim
15:10-15:20 [O]27-1	Low Recurrence but Notable Intercurrent Mortality after Radical Esophagectomy for pN0 ESCC: A Risk Factor Analysis for Overall Survival	<u>Dae Joon Kim (Severance Hosp.)</u> Corresponding Author: Dae Joon Kim (Severance Hosp.) Co-Author: Dae Joon Kim, Byung Jo Park, Young Ho Yang, Ha Eun Kim, Tae Hee Hong, Chang Young Lee, Jin Gu Lee
15:20-15:30 [O]27-2	Therapeutic Value of Cervical Lymph Node Dissection in ESCC: Outcomes and Efficacy Index-Based Assessment	<u>Dae Joon Kim (Severance Hosp.)</u> Corresponding Author: Dae Joon Kim (Severance Hosp.) Co-Author: Dae Joon Kim, Byung Jo Park, Young Ho Yang, Ha Eun Kim, Tae Hee Hong, Chang Young Lee, Jin Gu Lee
15:30-15:40 [O]27-3	Optimal Number of Bilateral Recurrent Laryngeal Nerve Lymph Node Dissection for Adequate Nodal Staging and Improved Survival in Esophageal Squamous Cell Carcinoma after Neoadjuvant Concurrent Chemoradiotherapy	<u>Yeong Jeong Jeon (Samsung Medical Center)</u> Corresponding Author: Seong Yong Park (Samsung Medical Center) Co-Author: Yeong Jeong Jeon, Boram Park, Junghee Lee, Hong Kwan Kim, Jong Ho Cho, Yong Soo Choi, Seong Yong Park

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
15:40-15:50 [O]27-4	Prognostic Value of Tumor Size in T1-2 Stage Esophageal Cancer Patients	<u>Yo Han Bae (Asan Medical Center)</u> Corresponding Author: Jae Kwang Yun (Asan Medical Center) Co-Author: Yo Han Bae, Ji Yong Kim, Geun Dong Lee, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park, Jae Kwang Yun
15:50-16:00 [O]27-5	LODDS as a Robust Predictor of Early Recurrence after Radical Esophagectomy for cT3 ESCC	<u>Dae Joon Kim (Severance Hosp.)</u> Corresponding Author: Dae Joon Kim (Severance Hosp.) Co-Author: Dae Joon Kim, Byung Jo Park, Young Ho Yang, Ha Eun Kim, Tae Hee Hong, Chang Young Lee, Jin Gu Lee
16:00-17:00	General Thoracic Session 28. Esophageal Cancer II	Chair: Seong Yong Park (Samsung Medical Center), Ju-Sik Yun (Chonnam National Univ. Hosp.)
16:00-16:10 [O]28-0	Causes of Death by Time and Treatment Modality in Surgically Treated Esophageal Cancer Patients: A Korean Nationwide Study	<u>Dong Woog Yoon (Chung-Ang Univ. Hosp.)</u> Corresponding Author: Jong Ho Cho (Samsung Medical Center) Co-Author: Dong Woog Yoon, Jaejun Jeong, Seonghye Kim, Kyungdo Han, Dong Wook Shin, Jong Ho Cho
16:10-16:20 [O]28-1	The Impact of Metformin Use During Neoadjuvant Chemoradiotherapy in Esophageal Cancer Patients: A Propensity Score Matched Nationwide Study	<u>Taeyoung Yun (Seoul National Univ. Hosp.)</u> Corresponding Author: Chang Hyun Kang (Seoul National Univ. Hosp.) Co-Author: Taeyoung Yun, Chang Hyun Kang, Ji Hyeon Park, Bubse Na, Kwon Joong Na, Samina Park, Hyun Joo Lee, In Kyu Park, Young Tae Kim
16:20-16:30 [O]28-2	Results of Endoscopic Treatment for Anastomotic Leakage after Esophagectomy	<u>Yongwoo Chung (National Cancer Center)</u> Corresponding Author: JongMog Lee (National Cancer Center) Co-Author: Yongwoo Chung, JaeWon Song, Jin-Ho Choi, Young-il Kim, MoonSoo Kim, JongMog Lee

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
16:30-16:40 [0]28-3	Prospective Observational Study of Intraoperative Right Gastroepiploic Artery Flow and Anastomosis Level (Distance from Upper Incisors) in Ivor–Lewis Esophagectomy	<u>Gongmin Rim (Bundang CHA Medical Center)</u> Corresponding Author: Young Mok Shim (Bundang CHA Medical Center) Co–Author: Gongmin Rim, Ji Won Kwak, Hee Suk Jung, Young Mok Shim
16:40-16:50 [0]28-4	Neoadjuvant Chemoradiotherapy versus Upfront Surgery in Clinically Single Lymph Node Metastatic Esophageal Cancer	<u>Ji Yong Kim (Asan Medical Center)</u> Corresponding Author: Hyeong Ryul Kim (Asan Medical Center) Co–Author: Ji Yong Kim, Jae Kwang Yun , Geun Dong Lee, Sehoon Choi, Yong–Hee Kim, Dong Kwan Kim, Seung–Il Park, Hyeong Ryul Kim

PROGRAM DETAILS

MEMO

PROGRAM DETAILS

컨벤션홀 C | DAY 1 - 10. 29 (Wed.)

Time	Session & Lecture Title	Chair / Speaker / Panel
13:00-15:30	체외순환사 심화교육 (이론)	Chair: Woosik Han (Chung-Ang Univ. Gwangmyeong Hosp.), Jihyun Yang (Chungnam National Univ. Hosp.) Panel: Yujin Se (Korea Univ. Anam Hosp.), Geun Woo Moon (Dong-A Univ. Hosp.), Chae Eun Im (Haeundae Paik Hosp.)
13:00-13:20	2024 EACTS, STS Guideline for Diagnosing and Treating Acute and Chronic Syndromes of Aortic Organ-Perfusionist's Perspective	Jiseong Kim (Chungnam National Univ. Hosp.)
13:20-13:40	2024 European Guidelines on CPB in Adult Cardiac Surgery_Hardware, Monitoring and Organ Protection	Jun Woo Cho (Daegu Catholic Univ. Medical Center)
13:40-14:00	2024 European Guidelines on CPB in Adult Cardiac Surgery_Procedures and Separation of CPB	Ji Eon Kim (Korea Univ. Anam Hosp.)
14:00-14:20	2024 European Guidelines on Patient Blood Management in Adult Cardiac Surgery – Perfusionist's Perspective	Youn Ju Rhee (Pusan National Univ. Yangsan Hosp.)
14:20-14:30	Panel Discussion	
14:30-15:00	체외순환사 협회 총회 – 경과 보고 및 시상	Ok Suk Lee (Korea Univ. Guro Hosp.) Young Sick Park (Hanyang Univ. Medical Center)
15:00-15:10	Coffee Break	
15:10-18:00	체외순환사 심화교육 (실기)	Chair: Tackkun Jung (Dongtan Sacred Heart Hosp.), Jae Hee Cho (Seoul National Univ. Hosp.) Panel: Sangmoon Lee (Keimyung Univ. Dongsan Hosp.), Jae Sang Kim (Korea Univ. Guro Hosp.), Jinkwon Lee (Bucheon Sejong Hosp.), Min Hyung Kang (Pusan National Univ. Hosp.)
15:10-15:20	Emergency Preparedness and Crisis Handling during Extracorporeal Circulation	Tackkun Jung (Dongtan Sacred Heart Hosp.)
15:20-18:00	시연 & 실습	

PROGRAM DETAILS

컨벤션홀 C | DAY 2 - 10. 30 (Thu.)

Time	Session & Lecture Title	Chair / Speaker / Panel
08:00-08:10	개회사/학회운영안내	
08:10-08:50	Best Paper in JCS 및 시상	
08:50-10:30	자유연제	Chair: Hyun Koo Kim (Korea Univ. Guro Hosp.) Jun Sung Kim (Seoul National Univ. Bundang Hosp.)
08:50-09:05 (O)자유연제-0	A Novel 3-D Ringed-Graft for Valve-Sparing Aortic Root Replacement in Bicuspid Aortic Valves	Joon Bum Kim (Asan Medical Center)
09:05-09:20 (O)자유연제-1	Device-Driven Cyclic Compression of the Superior Vena Cava as a Novel Preload Reduction Strategy to Improve Cardiac Function in a Preclinical Heart Failure Model	Se Jin Oh (SMG-SNU Boramae Medical Center)
09:20-09:35 (O)자유연제-2	Impact of Tumor-Infiltrating Clonal Hematopoiesis on Response to Neoadjuvant Chemo-Immunotherapy in Stage IB-III Non-Small Cell Lung Cancer	Tae Hee Hong (Severance Hosp.)
09:35-09:50 (O)자유연제-3	Refining Histologic Classification of Invasive Lung Adenocarcinoma: Incorporating Lepidic Patterns into the IASLC Grading System	Sukki Cho (Seoul National Univ. Bundang Hosp.)
09:50-10:05 (O)자유연제-4	Immune Cell Alterations after Partial Thymectomy in Pediatric Cardiac Surgery	Seonyong Bae (Seoul National Univ. Hosp.)
10:30-10:50	Coffee Breek	
10:50-11:20	회장 시상/강연	
11:20-11:50	연구공로상 시상 및 강연	
11:50-12:50	Invited Lecture "다시 사는 삶" Speaker: 유열 (가수/뮤지컬제작자) Panel: Seokjin Haam (Ajou Univ. Hosp.), Samina park (Seoul National Univ. Hosp.)	
12:50-13:50	Luncheon Session 3. 한솔카디악	Chair: Seung Hyun Lee (Severance Hosp.)
12:50-13:50	Long term Excellence : Proven Durability for Perceval Plus (VOD)	Bart Meuris (UZ Leuven, Leuven, Belgium)
14:20-15:40	Congenital and Pediatric Cardiac Surgery Focused Session II. Minimally Invasive Surgery for CHD	Chair: Chang Ha Lee (Bucheon Sejong Hosp.), Sungkyu Cho (Seoul National Univ. Hosp.)
14:20-14:35 Invited	Right vertical Infra-axillary Thoracotomy Approach in Congenital Heart Surgery	Yasuhiro Kotani (Okayama Univ. Hosp.)
14:35-14:50 Invited	Experience of MICS in ACHD	Jae Suk Yoo (Asan Medical Center)
14:50-15:00 Invited	Case 1. Mid-Axillary Approach for ASD Closure	Yu Rim Shin (Severance Hosp.)

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
15:00-15:10 Invited	Case 2. Is it really necessary? : Searching for a Minimally Invasive Approach for Sub-Arterial type Ventricular Septal Defect	Eung Re Kim (Bucheon Sejong Hosp.)
		Won Young Lee (Seoul St. Mary's Hosp.) Corresponding Author: Cheul Lee (Seoul St. Mary's Hosp.) Co-Author: Won Young Lee, Cheul Lee, Jae Gun Kwak, Eung Re Kim, Hyungtae Kim, Ilkun Park, Chun Soo Park, Yu Rim Shin, Jaehyun Yu, Young Ok Lee, In-Seok Jeong
15:10-15:25 (0)FS-30	The Korean Pediatric and Congenital Heart Surgery Database: Analysis of the First Harvest (2022-2023)	
15:25-15:40	Discussion	
15:40-16:00	Coffee Break	
16:00-17:00	Congenital and Pediatric Cardiac Surgery Meet the Expert	Chair: Chun Soo Park (Asan Medical Center) Panel: Dong hee Kim (Asan Medical Center), Yujin Kwak (Chungnam National Univ. Hosp.), Sang On Lee (Severance Hosp.), Ilkun Park (Samsung Medical Center), Youngkwan Song (Asan Medical Center), Dong Hee Jang (Asan Medical Center)
16:00-17:00	Preservation: Reservation for the Future	Tae Jin Yun (Asan Medical Center)
17:00-18:00	Congenital and Pediatric Cardiac Surgery Session 30, Septal Defects and etc.	Chair: Han Ki Park (Severance Hosp.) Eun Seok Choi (Asan Medical Center)
17:00-17:10 (0)30-0	Surgical Closure of Isolated Perimembranous Ventricular Septal Defect in Children: Contemporary Outcomes	Ilkun Park (Samsung Medical Center) Corresponding Author: Ji-Hyuk Yang (Samsung Medical Center) Co-Author: Ilkun Park, Ji-Hyuk Yang, Tae-Gook Jun

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
17:10-17:20 (0)30-1	Surgical Outcomes of Subarterial Ventricular Septal Defect	Dong Hee Jang (Asan Medical Center) Corresponding Author: Tae-Jin Yun (Asan Medical Center) Co-Author: Dong Hee Jang, Dong-Hee Kim, Eun Seok Choi, Bo Sang Kwon, Chun Soo Park, Tae-Jin Yun
17:20-17:30 (0)30-2	Atrial Septal Defect Closure in Adults with Pulmonary Hypertension	Sang On Lee (Severance Hosp.) Corresponding Author: Yu Rim Shin (Severance Hosp.) Co-Author: Sang On Lee, Hyun Soo Lee, Han Ki Park, Yu Rim Shin
17:30-17:40 (0)30-3	Impacts of Sick Euthyroid Syndrome on Post-Cardiac Surgery Outcomes in Infants	Hyun Soo Lee (Severance Hosp.) Corresponding Author: Han Ki Park (Severance Hosp.) Co-Author: Hyun Soo Lee, Yu Rim Shin, Sang On Lee
17:40-17:50 (0)30-4	Retrospective Analysis of Pediatric Patient Treated with Slide Tracheoplasty: A Single Center Experience of 20 Years	Seyeon Jeon (Samsung Medical Center) Corresponding Author: Tae-Gook Jun (Samsung Medical Center) Co-Author: Seyeon Jeon, Ilkun Park, Ji-Hyuk Yang, Tae-Gook Jun
17:50-17:58 (Video)30-5	Implantation of a HeartMate3 in the Common Atrium with a Systemic-to-Pulmonary Artery Shunt in a Patient with Glenn Circulation	Yu Rim Shin (Severance Hosp.) Corresponding Author: Yu Rim Shin (Severance Hosp.) Co-Author: Yu Rim Shin, Han Ki Park, Young Nam Yoon, Sang On Lee, Hyun Soo Lee
17:58-18:08 (0)30-6	Risk Factor Analysis for Atrioventricular Valve Repair Failure in Patients Undergoing Single Ventricle Palliation	Jae Hong Lim (Bucheon Sejong Hosp.) Corresponding Author: Jae Hong Lim (Bucheon Sejong Hosp.) Co-Author: Chang-Ha Lee, Eung Re Kim, Yong Jin Kim

PROGRAM DETAILS

컨벤션홀 C | DAY 3 - 10. 31 (Fri.)

Time	Session & Lecture Title	Chair / Speaker / Panel
08:30-10:00	Intensive Care/ECMO/Trauma Session 31, ECMO	Chair: Yang Hyun Cho (Samsung Medical Center.), In-Seok Jeong (Chonnam National Univ. Hosp.)
08:30-08:40 (0)31-0	Exosome-Derived Proteomic Markers for Diagnosis in ECMO-Supported Myocardial Infarction: A Preliminary Study	<u>Jun Woo Cho (Daegu Catholic Univ. Hosp.)</u> Corresponding Author: Jun Woo Cho (Daegu Catholic Univ. Hosp.) Co-Author: Jun Woo Cho, Chul Ho Lee, Jae Seok Jang
08:40-08:50 (0)31-1	Fluid Dynamics of VV ECMO Flow According to the Type and Location of the Femoral Drainage Cannula	<u>Sun Kyun Ro (Hanyang Univ. Guri Hosp.)</u> Corresponding Author: Sun Kyun Ro (Hanyang Univ. Guri Hosp.) Co-Author: Soowhan Choi, Sun Kyun Ro
08:50-09:00 (0)31-2	Effect of LV Unloading Strategies on Outcomes in VA-ECMO Patients: A Systematic Review and Meta-Analysis	<u>Woo-Roe Choe (Chonnam National Univ. Hosp.)</u> Corresponding Author: In-Seok Jeong (Chonnam National Univ. Hosp.) Co-Author: Woo-Roe Choe, Do-Wan Kim, Min Chul Kim, Yongwhan Lim, Hwa-Jin Cho, In Seok Jeong
09:00-09:10 (0)31-3	Impact of ECMO Support on Organ Donation and Transplant Outcomes: A Multi-Center Analysis	<u>Jihyuk Chung (Samsung Medical Center)</u> Corresponding Author: Yang Hyun Cho (Samsung Medical Center) Co-Author: Jihyuk Chung, Ryoung-Eun Ko, Min Ho Ju, Sora Cha, Yang Hyun Cho
09:10-09:20 (0)31-4	Outcomes and Predictors in VA ECMO-Supported Myocarditis: A Multicenter Cohort Analysis	<u>Chang Hun Kim (Pusan National Univ. Yangsan Hosp.)</u> Corresponding Author: Min ho Ju (Pusan National Univ. Yangsan Hosp.) Co-Author: Min ho Ju, Chee-Hoon Lee, Mi Hee Lim
09:20-09:30 (0)31-5	Extracorporeal Membrane Oxygenation as a Bridge to Definitive Cardiac Surgery	<u>Joohyun Cho (Asan Medical Center)</u> Corresponding Author: Pilje Kang (Asan Medical Center) Co-Author: Pilje Kang, Kitae Kim

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
09:30-09:40 (0)31-6	Outcomes of Heart Transplantation using ECMO-Supported Brain Dead Donors	<u>Junyoung Lee (Pusan National Univ. Hosp.)</u> Corresponding Author: Seunghwan Song (Pusan National Univ. Hosp.) Co-Author: Soojin Lee, Seunghwan Song
09:40-09:50 (0)31-7	Trends in ECMO Utilization and Outcomes in Korea Before and After the COVID-19 Pandemic	<u>In-Seok Jeong (Chonnam National Univ. Hosp.)</u> Corresponding Author: Hee Jung Kim (Korea Univ. Anam Hosp.) Co-Author: In-Seok Jeong, Hee Jung Kim
09:50-10:00 (0)31-8	Pre-Anchoring and Post-Securing Technique for Decannulation in Peripheral Veno-Arterial Extracorporeal Membrane Oxygenation	<u>Gayeon Kang (Pusan National Univ. Hosp.)</u> Corresponding Author: Seunghwan Song (Pusan National Univ. Hosp.) Co-Author: Soojin Lee, Seunghwan Song, Ho Seong Cho
10:00-10:30	Coffee Break	
10:30-12:00	Intensive Care/ECMO/Trauma Focused Session I : Management of Rib Fractures	Chair: Hyun Koo Kim (Korea Univ. Guro Hosp.) Sung Youl Hyun (Gachon Univ. Gil Medical Center) Panel: Junepill Seok (Chungbuk National Univ.), Wooshik Kim (National Medical Center)
10:30-10:50 Invited	Surgical Stabilization of Rib Fractures (SSRF): Indications and Contraindications	Hyunmin Cho (Cheju Halla General Hosp.)
10:50-11:10 Invited	Advanced Modalities in Chest Wall Injuries	Youngwoong Kim (National Medical Center)
11:10-11:30 Invited	Comparative Effectiveness: SSRF vs. Non-Surgical Management	Do-Wan Kim (Chonnam National Univ. Hosp.)
11:30-11:50 Invited	Case-Based Debate: Operative or Not?	Jonghwan Moon (Ajou Univ. Hosp.)
11:50-12:00	Discussion	
12:00-13:00	Luncheon Session 7, Endovastec	Chair: Euysuk Chung (Kangbuk Samsung Hosp.) Panel: Do Yeon Kim (Incheon St. Mary's Hospital), Jae Hang Lee (Seoul National Univ. Bundang Hosp.), Tae Hoon Kim (Gangnam Severance Hosp.)
12:00-13:00	Initial Experience With Castor Branched TEVAR : Clinical Feasibility and Early Outcome	Suk-Won Song (Ewha Womans Univ. Seoul Hosp.)



PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
13:00-14:30	Intensive Care/ECMO/Trauma Session 32, ICU, ECMO, Trauma	Chair: JaeBum Kim (Keimyung Univ. Dongsan Hosp.), Do-Wan Kim (Chonnam National Univ. Hosp.)
13:00-13:10 [O]32-0	Predictors of Early Extubation Failure after Cardiac Surgery within an Enhanced Recovery after Surgery Protocol	<u>Youna Cho (Seoul National Univ. Hosp.)</u> Corresponding Author: Sue Hyun Kim (Seoul National Univ. Hosp.) Co-Author: Youna Cho, Seon Mi Song, Jae Woong Choi, Ho Young Hwang, Kyung Hwan Kim, Yeiwon Lee, Sue Hyun Kim
13:10-13:20 [O]32-1	Outcomes of Tracheostomy after Cardiac Surgery through Median Sternotomy	<u>Ho Seong Cho (Pusan National Univ. Hosp.)</u> Corresponding Author: Soojin Lee (Pusan National Univ. Hosp.) Co-Author: Hyo Yeong Ahn, Seunghwan Song, Jeong Su Cho
13:20-13:30 [O]32-2	AI-Assisted Blood Pressure Management after Cardiac Surgery: Validation of a GPT-4.1-Based ICU Agent	<u>Jun Woo Cho (Daegu Catholic Univ. Hosp.)</u> Corresponding Author: Jun Woo Cho (Daegu Catholic Univ. Hosp.) Co-Author: Jun Woo Cho, Hwan Hyo Park, Jee Han Ahn
13:30-13:40 [O]32-3	The Impact of Continuous Renal Replacement Therapy on the Development of Thrombocytopenia in Extracorporea Membrane Oxygenation	<u>Kyungsub Song (Keimyung Univ. Dongsan Hosp.)</u> Corresponding Author: Kyungsub Song (Keimyung Univ. Dongsan Hosp.) Co-Author: Kyungsub Song, Jae Bum Kim
13:40-13:50 [O]32-4	Body Temperature is Not a Reliable Indicator of Infection in VA-ECMO Patients	<u>Jihyuk Chung (Samsung Medical Center)</u> Corresponding Author: Yang Hyun Cho (Samsung Medical Center) Co-Author: Jihyuk Chung, Ryoung-Eun Ko, Yang Hyun Cho
13:50-14:00 [O]32-5	Impact of Hemoglobin-Based Transfusion Thresholds on Transfusion Volume and 30-day Mortality in VV-ECMO Patients: Multi-Center Data	<u>Ji Eon Kim (Korea Univ. Anam Hosp.)</u> Corresponding Author: Hee Jung Kim (Korea Univ. Anam Hosp.) Co-Author: Ji Eon Kim, Hee Jung Kim



PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
14:00-14:10 [O]32-6	Perioperative Factors Associated with Delayed Ambulation and Functional Recovery after Heart Transplantation in Patients Bridged with Peripheral VA-ECMO: Experience from Two Low-Volume Centers	<u>Woo-roee Choe (Chonnam National Univ. Hosp.)</u> Corresponding Author: In-Seok Jeong (Chonnam National Univ. Hosp.) Co-Author:
14:10-14:20 [O]32-7	Predictive Values for Mortality in Severe Chest Trauma Patients: A Retrospective Analysis of Single Trauma Center	<u>Dowan Kim (Chonnam National Univ. Hosp.)</u> Corresponding Author: Dowan Kim (Chonnam National Univ. Hosp.) Co-Author: Dowan Kim, In-Seok Jeong, Kyoseon Lee, Woo-roee Choe
14:30-15:00	Coffee Break	
15:00-16:00	Adult Cardiac Surgery Session 46, CABG III : Unstoppable Flow: Decoding Arterial and Venous Grafts	Chair: Cheol Hyun Chung (Asan Medical Center), Young-Nam Youn (Severance Hosp.)
15:00-15:10 [O]46-0	Graft-Induced Reprogramming Leads to a Shared Proteomic Phenotype in Arterial and Venous Conduits Following CABG	<u>Se Jin Oh (SMG-SNU Boramae Medical Center)</u> Corresponding Author: Se Jin Oh (SMG-SNU Boramae Medical Center) Co-Author: Eun Na Kim, Suk Ho Sohn, Jiyoung Yu, Joon Seo Lim, Jiwon Koh, Jaemoon Koh, Changha Hwang, Kyunggon Kim, Ho Young Hwang, Se Jin Oh
15:10-15:20 [O]46-1	Tandem LAD Lesions: Jumping Technique vs. Endarterectomy – How Do We Choose?	<u>Siwon Oh (Samsung Medical Center)</u> Corresponding Author: Wook Sung Kim (Samsung Medical Center) Co-Author: Siwon Oh, Muhyung Heo, Jun Ho Lee, Wook Sung Kim
15:20-15:30 [O]46-2	Impact of Platelet Drug Response for Dual Antiplatelet Agents on 1-Year Graft Patency after Off-Pump Coronary Artery Bypass Grafting	<u>Chan Hyeong Kim (Seoul National Univ. Hosp.)</u> Corresponding Author: Ho Young Hwang (Seoul National Univ. Hosp.) Co-Author: Chan Hyeong Kim, Suk Ho Sohn, Ho Young Hwang
15:30-15:40 [O]46-3	Prediction of Abnormal Graft by Intraoperative Transit Time Flow Measurement in Coronary Artery Bypass using an Internal Thoracic Artery-Based Vein Composite Graft	<u>Min-Seok Kim (Myongji Hosp.)</u> Corresponding Author: Min-Seok Kim (Myongji Hosp.) Co-Author: Min-Seok Kim, Chul Ho Lee, Seong Wook Hwang, Ki-Bong Kim

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
15:40-15:50 [O]46-4	Saphenous Vein Grafts from Thigh versus Calf: Comparison of 1-Year Angiographic Patency	<u>Suk Ho Sohn (Seoul National Univ. Hosp.)</u> Corresponding Author: Suk Ho Sohn (Seoul National Univ. Hosp.) Co-Author: Suk Ho Sohn, Yoonjin Kang, Jae Woong Choi, Yeiwon Lee, Sue Hyun Kim, Ho Young Hwang
16:00-17:00	General Thoracic Session 47. Advances in Prognosis and Treatment Strategies for Locally Advanced and Metastatic NSCLC	Chair: Seokjin Haam (Ajou Univ. Hosp.) Jong hun Kim (Jeonbuk National Univ. Hosp.)
16:00-16:12 [O]47-0	Distinguishing Multiple Primary Lung Cancers from Intrapulmonary Oligometastasis using Whole Genome Sequencing	<u>Kwon Joong Na (Seoul National Univ. Hosp.)</u> Corresponding Author: Kwon Joong Na (Seoul National Univ. Hosp.) Co-Author: Minju Kim, Taegeun Park, Jonghyuk Lee, Minsuk Seo, Soyeon Kim, Miso Kim, Bhumsuk Keam, Tae Min Kim, Dong-Wan Kim, Kwon Joong Na, Jaemoon Koh, Jeonghwan Youk
16:12-16:24 [O]47-1	Comparison of TKI Monotherapy versus TKI Combined with Surgery or Radiotherapy in EGFR-Mutant Metastatic Non-Small Cell Lung Cancer	<u>Chang Young Lee (Severance Hosp.)</u> Corresponding Author: Chang Young Lee (Severance Hosp.) Co-Author: Chang Young Lee, Eun Hye Lee, Mi-Hyun Kim, Da Hyun Kang, Hwa Kyung Park, Jaeho Cho, Young Ho Yang, Go Eun Byun, Ha Eun Kim, TaeHee Hong, Byung Jo Park, Jin Gu Lee, Dae Joon Kim
16:24-16:36 [O]47-2	Outcomes Following Primary Tumor Resection in Oligometastatic NSCLC: A Meta-Analysis of 20 Studies	<u>Cho Eun Lee (Samsung Medical Center)</u> Corresponding Author: Seong Yong Park (Samsung Medical Center) Co-Author: Cho Eun Lee

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
16:36-16:48 [O]47-3	Differential Prognosis of Surgically Resected T3N0M0 Non-Small Cell Lung Cancer Based on the T3 Descriptors	<u>Joung Woo Son (Seoul National Univ. Bundang Hosp.)</u> Corresponding Author: Jae Hyun Jeon (Seoul National Univ. Bundang Hosp.) Co-Author: Jae Hyun Jeon, Joonseok Lee, Woohyun Jung, Sukki Cho, Kwhanmien Kim
16:48-17:00 [O]47-4	Analysis of Recurrence Patterns in Stage IIB and IIIA Non-Small Cell Lung Cancer: N0 versus N-Positive Disease in the 9th edition TNM Classification	<u>In Ha Kim (Asan Medical Center)</u> Corresponding Author: Jae Kwang Yun (Asan Medical Center) Co-Author: In Ha Kim, Geun Dong Lee, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park, Jae Kwang Yun

PROGRAM DETAILS

행복한홀 | DAY 1 - 10. 29 (Wed.)

Time	Session & Lecture Title	Chair / Speaker / Panel
14:00-15:30	Congenital and Pediatric Cardiac Surgery Session 40. Outflow Tract Problem	Chair: Ji-Hyuk Yang (Samsung Medical Center), Cheul Lee (Seoul St. Mary's Hosp.)
14:00-14:10 [O]40-0	Outcome of Late RVOT Ablation after TOF Repair	Hyun Ok Jeon (Severance Hosp.) Corresponding Author: Yu Rim Shin (Severance Hosp.) Co-Author: Hyun Ok Jeon, Sang On Lee, Han Ki Park, Hyun Soo Lee, Jae Seon Um, Yu Rim Shin
14:10-14:20 [O]40-1	Long-Term Outcomes of Transatrial-Transpulmonary Tetralogy of Fallot Repair Over 25 Years	Ilkun Park (Samsung Medical Center) Corresponding Author: Tae-Gook Jun (Samsung Medical Center) Co-Author: Ilkun Park, Ji-Hyuk Yang, Tae-Gook Jun
14:20-14:30 [O]40-2	The Role of the 24mm Expanded Polytetrafluoroethylene Tricuspid Valved Conduit in Current Era	Hyungtae Kim (Pusan National Univ. Yangsan Hosp.) Corresponding Author: Hyungtae Kim (Pusan National Univ. Yangsan Hosp.) Co-Author: Hyungtae Kim, Kwang Ho Choi, Jae Hong Lee, Si Chan Sung, Hyung Doo Lee, Hoon Ko, Joung-Hee Byun, Tae Hong Kim
14:30-14:40 [O]40-3	Surgical Outcomes of Staged Repair of Pulmonary Atresia with Ventricular Septal Defect	Youngkwan Song (Asan Medical Center) Corresponding Author: Eun Seok Choi (Asan Medical Center) Co-Author: Youngkwan Song, Dong-Hee Kim, Eun Seok Choi, Bo Sang Kwon, Chun Soo Park, Tae-Jin Yun
14:40-14:48 [Video]40-4	Early Total Repair for Pulmonary Atresia with Ventricular Septal Defect using Ringed Polytetrafluoroethylene Graft with Dunk Technique	Eun Chae Kim (Seoul National Univ. Hosp.) Corresponding Author: Sung Kyu Cho (Seoul National Univ. Hosp.) Co-Author: Eun Chae Kim, Sung Kyu Cho
14:48-14:58 [O]40-5	Neonatal Stenotic Ebstein's Anomaly: Impact of RV Exclusion Techniques on Fontan Outcomes	Dong Hee Jang (Asan Medical Center) Corresponding Author: Tae-Jin Yun (Asan Medical Center) Co-Author: Dong Hee Jang, Dong-Hee Kim, Eun Seok Choi, Bo Sang Kwon, Chun Soo Park, Tae-Jin Yun

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
14:58-15:08 [O]40-6	Hybrid Strategy in the Yasui Operation: An 18-Year Single-Center Experience	Yuri Lee (Samsung Medical Center) Corresponding Author: Tae-Gook Jun (Samsung Medical Center) Co-Author: Yuri Lee, Ilkun Park, Ji-Hyuk Yang, Jinyoung Song, Jun Huh, I-Seok Kang, Tae-Gook Jun
15:08-15:18 [O]40-7	Left Ventricular Outflow Tract Reoperation after Arterial Switch Operation	Dong Hee Jang (Asan Medical Center) Corresponding Author: Chun Soo Park (Asan Medical Center) Co-Author: Dong Hee Jang, Dong-Hee Kim, Eun Seok Choi, Bo Sang Kwon, Tae-Jin Yun, Chun Soo Park
15:30-16:00	Coffee Break	
16:00-17:30	Congenital and Pediatric Cardiac Surgery Focused Session I . Pulmonary Vein Stenosis	Chair: Jae Gun Kwak (Seoul National Univ. Hosp.), Hyungtae Kim (Pusan National Univ. Yangsan Hosp.)
16:00-16:15 Invited	Embryology and Pathology of Pulmonary Vein and Left Atrium	Eun Na Kim (Seoul National Univ. Hosp.)
16:15-16:30 Invited	Medical and Interventional Treatment of PVS	Gi Beom Kim (Seoul National Univ. Hosp.)
16:30-16:50 Invited	Strategy for TAPVC and PVO: Okayama Experience	Yasuhiro Kotani (Okayama Univ. Hosp.)
16:50-17:10	Discussion	
17:10-17:20 [O]FS-40	Pulmonary Vein Stenosis after Pediatric Heart Transplantation: Incidence and Risk Factors	Hyun Soo Lee (Severance Hosp.) Corresponding Author: Yu Rim Shin (Severance Hosp.) Co-Author: Hyun Soo Lee, Han Ki Park, Sang On Lee
17:20-17:30 [O]FS-41	28-Year Experience with Modified Transverse Sinus Approach for Repairing Total Anomalous Pulmonary Venous Connection	Eung Re Kim (Seoul National Univ. Hosp.) Corresponding Author: Woong-Han Kim (Seoul National Univ. Hosp.) Co-Author: Eung Re Kim, Eun Chae Kim, Woong-Han Kim



PROGRAM DETAILS

PROGRAM DETAILS

행복한홀 | DAY 2 - 10. 30 (Thu.)

Time	Session & Lecture Title	Chair / Speaker / Panel
08:50-12:50	지도전문의교육	
08:50-09:50	전공의 연수교육 및 술기교육	Jeong-Su Cho (Pusan National Univ. Hosp.)
09:50-10:50	전공의 연차별 수련교과과정	Geun Dong Lee (Asan Medical Center)
10:50-11:50	전문의 시험 문제 출제 요령 2025	Dohun Kim (Chungbuk National Univ. Hosp.)
11:50-12:50	2025년 전문의 자격취득요건 및 2024년 전문의 시험 분석	JaeBum Kim (Keimyung Univ. Dongsan Hosp.)
12:50-13:50	Luncheon Session 4. 한국MSD	Chair: Hong Kwan Kim (Samsung Medical Center)
12:50-12:53	Opening	Hong Kwan Kim (Samsung Medical Center)
12:53-13:13	Perioperative IO in Stage II NSCLC: Changing the Standard	Tae-Hwan Kim (Ajou Univ. Hosp.)
13:13-13:33	From Challenge to Experience : Robotic Surgery After Neoadjuvant Chemoimmunotherapy.	Junghee Lee (Samsung Medical Center)
13:33-13:48	Discussion	
13:48-13:50	Closing	Hong Kwan Kim (Samsung Medical Center)
14:20-15:20	제14회 초음파 연수강좌	Chair: Chung Won Lee (Pusan National Univ. Hosp.), Jae Bum Kim (Keimyung Univ. Dongsan Hosp.)
14:20-14:35 Invited	ICU TTE after Cardiac Surgery	Sue Hyun Kim (Seoul National Univ.)
14:35-14:50 Invited	Sonography for Rib Fracture and Intercostal Nerve Block	Hyunmin Cho (Cheju Halla General Hosp.)
14:50-15:05 Invited	Sonography for ECMO Patient	Seok In Lee (Gachon Univ. Gil Medical Center)
15:05-15:20 Invited	Latest AI-Powered Ultrasound Device (Focused on Cardiovascular and Thoracic Department)	박준성 (Samsung Medison)
15:20-15:30	Discussion	
15:30-15:40	Coffee Break	
15:40-16:10	한국의료기기안전정보원	
15:40-16:10	희소·긴급도입필요 의료기기 공급 제도 안내	김태권 본부장 (한국의료기기안전정보원)
16:10-17:00	기획홍보위원회 Sessioon I. 진료지원간호사/체외순환사 업무의 법적인게 및 전문화	Chair: 정의석 (강북삼성병원) Panel: 정인석 (전남대병원 흉부외과), 이석호 (대한 체외순환사협회 기획홍보위원), 강영아 (한국전문간 호사협회 부회장), 대한심장혈관흉부외과학회 차기 이사장님 (미정)
16:00-16:30	간호법내의 진료지원간호사/체외순환사 업무의 법적 한계	남민지 변호사
16:30-16:50	진료지원간호사의 전문화 필요성	한지은 전문간호사
16:50-17:00	패널 토론 및 질의 응답	

Time	Session & Lecture Title	Chair / Speaker / Panel
17:00-18:00	Adult Cardiac Surgery Session 41. CABG II : Hidden Drivers of Outcomes: Beyond Surgery in CABG	Chair: Ho-Ki Min (Yeungnam Univ. Medical Center), Hyun Keun Chee (Konkuk Univ. Hosp.)
17:00-17:10 [O]41-0	Sex-Stratified Prognostic Analysis of Body Mass Index in Asian Population Undergoing CABG	Sung Jun Park (Severance Hosp.) Corresponding Author: Young-Nam Youn (Severance Hosp.) Co-Author: Sung Jun Park, Kyung-Jong Yoo, Young-Nam Youn
17:10-17:20 [O]41-1	Influence of a Living Spouse on Early and Long-Term Outcomes after CABG; "The Power of Love"	Sang Yoon Kim (Seoul National Univ. Bundang Hosp.) Corresponding Author: Jun Sung Kim (Seoul National Univ. Bundang Hosp.) Co-Author: Sang Yoon Kim, Joon Chul Jung, Hyoung Woo Chang, Jae Hang Lee, Hyung gon Je, Sanghon Park, Kay-Hyun Park, Jun Sung Kim
17:20-17:30 [O]41-2	Artificial Intelligence-Enhanced Brain MRI Assessment of Embolic Lesions following On- and Off-Pump CABG: Toward Quantitative Evaluation of Brain Embolic Lesions	Younju Rhee (Pusan National Univ. Yangsan Hosp.) Corresponding Author: Younju Rhee (Pusan National Univ. Yangsan Hosp.) Co-Author: Younju Rhee, Chee-hoon Lee, Mi Hee Lim, Chang Hun Kim, Changwon Shin, Min Ho Ju
17:30-17:40 [O]41-3	Dexmedetomidine and Renal Protection: Long-Term Outcomes after OPCAB	Seungji Hyun (Ajou Univ. Hosp.) Corresponding Author: Soo Jin Park (Ajou Univ. Hosp.) Co-Author: Seungji Hyun, Seung Wook Lee, Do Jung Kim, Sang-Hyun Lim, You Sun Hong, Soo Jin Park*, Ajou University Hospital
17:40-17:50 [O]41-4	Off-Pump Coronary Artery Bypass Grafting with Bilateral Internal Mammary Artery Percutaneous Intervention	Suk Kyung Lim (Samsung Medical Center) Corresponding Author: Wook Sung Kim (Samsung Medical Center) Co-Author: Suk Kyung Lim, Joong Hyun Ahn, Jun Ho Lee, Suryeun Chung, Yang Hyun Cho, Dong Seop Jeong, Kiick Sung, Young Tak Lee, Wook Sung Kim
17:50-18:00 [O]41-5	Impact of Extubation in the Operating Room on Early Outcomes after OPCAB	Changwon Shin (Pusan National Univ. Yangsan Hosp.) Corresponding Author: Min Ho Ju (Pusan National Univ. Yangsan Hosp.) Co-Author: Chee-hoon Lee, Mi Hee Lim, Youn Ju Rhee, Min Ho Ju

PROGRAM DETAILS

행복한솔 | DAY 3 - 10. 31 (Fri.)

Time	Session & Lecture Title	Chair / Speaker / Panel
07:30-08:30	General Thoracic Session 42, Video Session	Chair: Sumin Shin (Ewha Womans Univ. Mokdong Hosp.), Junghee Lee (Samsung Medical Center)
07:30-07:38 [Video]42-0	Complex Mediastinal Surgery using the Single-Port Robotic System: Thymectomy with Innominate Vein En Bloc Resection	<u>Byung Mo Gu (Korea Univ. Guro Hosp.)</u> Corresponding Author: Hyun Koo Kim (Korea Univ. Guro Hosp.) Co-Author: Jun Hee Lee
07:38-07:46 [Video]42-1	Challenging VATS after Neoadjuvant Treatment	<u>Yong Won Seong (SMG-SNU Boramae Medical Center)</u> Corresponding Author: Yong Won Seong (SMG-SNU Boramae Medical Center) Co-Author: Yong Won Seong, Jae Hwa Jeong, You Jung Ok, Se Jin Oh, Jae Sung Choi, Hyeon Jong Moon
07:46-07:54 [Video]42-2	Robotic McKeown Esophagectomy with Concomitant Descending Aortic Replacement	<u>Seon Yong Bae (Seoul National Univ. Hosp.)</u> Corresponding Author: Chang Hyun Kang (Seoul National Univ. Hosp.) Co-Author: Seon Yong Bae, Chang Hyun Kang
07:54-08:02 [Video]42-3	Robot-Assisted Salvage Esophagectomy for Recurrent Esophageal Squamous Cell Carcinoma	<u>Byung Jo Park (Severance Hosp.)</u> Corresponding Author: Dae Joon Kim (Severance Hosp.) Co-Author: Byung Jo Park, Dae Joon Kim
08:02-08:10 [Video]42-4	Single-Port Robot-Assisted Segmentectomy without Trained Assistant	<u>Kwanyong Hyun (ST.Vincent' s Hosp.)</u> Corresponding Author: Kwanyong Hyun (ST.Vincent' s Hosp.) Co-Author: Kwanyong Hyun
08:10-08:18 [Video]42-5	Lobectomy in a Lung Cancer Patient with Partial Anomalous Pulmonary Venous Return(PAPVR)	<u>Jang Yeon Jae (Seoul St. Mary's Hosp.)</u> Corresponding Author: Young-Du Kim (Seoul St. Mary's Hosp.) Co-Author: Seung Keun Yoon, Yun Jae Jang, Hyeweon Kim, Hyun Ah Lim, Hwan Wook Kim, Young-Du Kim

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
08:30-10:00	General Thoracic Session 43, Mini Oral Session	Chair: Deok Heon Lee (Kyungpook National Univ. Hosp.), Byung Jo Park (Severance Hosp.)
08:30-08:37 [MO]43-0	Reframing Nodal Staging in Non-Small Cell Lung Cancer: A Dual-Cohort Validation of Metastatic Node Count Versus the 9th Edition N Descriptor	<u>Ji Yong Kim (Asan Medical Center)</u> Corresponding Author: Jae Kwang Yun (Asan Medical Center) Co-Author: Ji Yong Kim, Geun Dong Lee, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park, Jae Kwang Yun
08:37-08:44 [MO]43-1	Clinical Outcomes of Resected SCLC: Prognostic Impact of Lymph Node Metastasis	<u>Jae Hwa Jeong (SMG-SNU Boramae Medical Center)</u> Corresponding Author: Yong Won Seong (SMG-SNU Boramae Medical Center) Co-Author: Jae Hwa Jeong, Hyeon Jong Moon, Sukki Cho, Kwahnmien Kim, Jae Hyun Jeon, Yong Won Seong
08:44-08:51 [MO]43-2	Postoperative Risk Stratification of Lung Adenocarcinoma by Histologic Grade	<u>Ki Sung Park (Daegu Catholic Univ. Hosp.)</u> Corresponding Author: Ki Sung Park (Daegu Catholic Univ. Hosp.) Co-Author: Chihoon Bae, Yunho Jheon
08:51-08:58 [MO]43-3	Development of Clinical Scoring System for Predicting High-Risk Group in Early-Stage NSCLC	<u>Mil Hoo Kim (Seoul National Univ. Bundang Hosp.)</u> Corresponding Author: Woohyun Jung (Seoul National Univ. Bundang Hosp.) Co-Author: Woohyun Jung, Jun Seok Lee, Jung Woo Son , Jae Hyun Jeon, Sukki Cho, Kwahnmien Kim
08:58-09:05 [MO]43-4	Prognostic Impact of Smoking in Non-Small Cell Lung Cancer: Interaction with Histologic Subtype	<u>Hyo Kyen Park (Asan Medical Center)</u> Corresponding Author: Jae Kwang Yun (Asan Medical Center) Co-Author: Hyo Kyen Park, Geun Dong Lee, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Seung-Il Park, Jae Kwang Yun

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
09:05-09:12 [MO]43-5	Surgical Outcomes of Stage IA NSCLC in Octogenarians: High Risk and Clinical Implications	<u>Seung Keun Yoon (Seoul St. Mary's Hosp.)</u> Corresponding Author: Seung Keun Yoon (Seoul St. Mary's Hosp.) Co-Author: Seung Keun Yoon, Yun Jae Jang, Hyeweon Kim, Mi Hyoung Moon, Kyung Soo Kim, Young-Du Kim, Seok Whan Moon
09:12-09:19 [MO]43-6	Pulmonary Function Improvement using Smart Lung Care Device after Lung Cancer Surgery	<u>Hyun Ok Jeon (Severance Hosp.)</u> Corresponding Author: Duk Hwan Moon (Gangnam Severance Hosp.) Co-Author: Beatrice Chia-Hui Shih, Duk Hwan Moon, Sungsoo Lee
09:19-09:26 [MO]43-7	Think Twice before Calling Them Equivalent: RML Lobectomy vs. Left Lingular Segmentectomy	<u>Beatrice Chia-Hui Shih (Gangnam Severance Hosp.)</u> Corresponding Author: Duk Hwan Moon (Gangnam Severance Hosp.) Co-Author: Beatrice Chia-Hui Shih, Duk Hwan Moon, Sungsoo Lee
09:26-09:33 [MO]43-8	Heterogeneity of Resected Non-Small Cell Lung Cancer: Inter-/intratumoral Heterogeneity on Molecular Basis	<u>Seok Whan Moon (Seoul St. Mary's Hosp.)</u> Corresponding Author: Seok Whan Moon (Seoul St. Mary's Hosp.) Co-Author: Seok Whan Moon, Seung Keun Yoon, Young-Du Kim, 김미정, 성연은
09:33-09:40 [MO]43-9	Localized Defense Programs Underlie Prognostic Divergence in GGO and Solid Lung Adenocarcinoma	<u>SangHyun Han (Chungbuk National Univ. Hosp.)</u> Corresponding Author: SangHyun Han (Chungbuk National Univ. Hosp.) Co-Author: SangHyun Han, JungWon Lee, Chanwoo Kim, Jae Yeon Kim, Se Eun Park, Sujeong Kim, Dohun Kim
09:40-09:47 [MO]43-10	Performance Evaluation of Deep Learning-Based Osteoporosis Diagnostic Models with Conventional Chest X-Ray in a Clinical Cohort	<u>Jee Hyun Kim (Ewha Womans Univ. Mokdong Hosp.)</u> Corresponding Author: Kwan-Chang Kim (Ewha Womans Univ. Seoul Hosp.) Co-Author: Bona Koo, Yelin Roh, So Hyun Ahn

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
09:47-09:54 [MO]43-11	Surgical Outcomes of Ectopic Mediastinal Parathyroid Adenomas for Primary Hyperparathyroidism: A Single-Institution Experience	<u>Young Ho Yang (Severance Hosp.)</u> Corresponding Author: Chang Young Lee (Severance Hosp.) Co-Author: Young Ho Yang, Tae Hee Hong, Ha Eun Kim, Byung Jo Park, Jin Gu Lee, Dae Joon Kim, Chang Young Lee
09:54-10:01 [MO]43-12	Analysis of the Diagnoses of Newly Referred Patients Visiting the 'Mediastinal Tumor Clinic' of a Tertiary Hospital	<u>Donghee Kim (Asan Medical Center)</u> Corresponding Author: Geun Dong Lee (Asan Medical Center) Co-Author: Donghee Kim, Geun Dong Lee
10:00-10:30	Coffee Break	
10:30-12:00	Adult Cardiac Surgery Session 44, Aorta I : From Bench to Bedside: Translating Research into Complex Aortic Repair	Chair: Suk Won Song (Ewha Womans Univ. Seoul Hosp.), Suryeun Chung (Samsung Medical Center)
10:30-10:40 [O]44-0	Impact of Phenotypic Characteristics on the Risk of Aortic Reoperation in Patients with Marfan Syndrome	<u>Yoonseo Lee (Samsung Medical Center)</u> Corresponding Author: Suryeun Chung (Samsung Medical Center) Co-Author: Yoonseo Lee, Suryeun Chung, Yang Hyun Cho, Dong Seop Jeong, Kiick Sung, Wook Sung Kim
10:40-10:50 [O]44-1	Time-to-Event Ensemble Machine Learning Approach for Predicting Long-term Survival of Abdominal Aortic Aneurysm Patients Undergoing Endovascular Aneurysm Repair	<u>Hong-Jae Choi (SMG-SNU Boramae Medical Center)</u> Corresponding Author: Se Jin Oh (SMG-SNU Boramae Medical Center) Co-Author: Hong-Jae Choi, Changhee Lee, Joon Seo Lim, You Jung Ok, Jae-Sung Choi, Jae Hwa Jeong, Yong Won Seong, Hyeon Jong Moon, Se Jin Oh
10:50-11:00 [O]44-2	Comparative Evaluation of Bypass Techniques for Mid-Aortic Syndrome in Takayasu Arteritis: Aorto-Aortic vs. Aorto-Bifemoral Bypass	<u>Min Jung Ku (Asan Medical Center)</u> Corresponding Author: Joon Bum Kim (Asan Medical Center) Co-Author: Min Jung Ku, Joon Bum Kim

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
11:00-11:10 [O]44-3	Anatomical Characteristics and Clinical Outcomes of Open Surgical Repair Compared with Endovascular Repair for Abdominal Aortic Aneurysms in Octogenarians	<u>Sang Yoon Kim (Seoul National Univ. Bundang Hosp.)</u> Corresponding Author: Jae Hang Lee (Seoul National Univ. Bundang Hosp.) Co-Author: Sang Yoon Kim, Jae Hang Lee, Joon Chul Jung, Hyoung Woo Chang, Jun Sung Kim, Hyung gon Je, Sanghon Park, Kay-Hyun Park
11:10-11:20 [O]44-4	Initial Clinical Experience of Fenestrated EVAR with Physician-Modified Endografts (PMEG) for in Patients Unsuitable for Open Surgery	<u>Jae Hang Lee (Seoul National Univ. Bundang Hosp.)</u> Corresponding Author: Jae Hang Lee (Seoul National Univ. Bundang Hosp.) Co-Author: Sang Yoon Kim, Joon Chul Jung, Hyoung Woo Chang, Jun Sung Kim, Hyung Gon Je, Sang Hon Park, Kay-Hyun Park
11:20-11:30 [O]44-5	PLS3 Nonsense Variant in Male Affects Calcium Homeostasis in Thoracic Aortic Aneurysm; An in Vitro Functional Study	<u>Ha Lee (Ewha Womans Univ. Seoul Hosp.)</u> Corresponding Author: Suk-Won Song (Ewha Womans Univ. Seoul Hosp.) Co-Author: Ha Lee, Giyong Jang, Hyunjoo Lee, Myeong Su Kim, Suk-Won Song
11:30-11:40 [O]44-6	Comparative Outcomes of Staged versus Single-Stage Thoracoabdominal Aortic Repair in Patients with and without Connective Tissue Disorder	<u>Suk Kyung Lim (Samsung Medical Center)</u> Corresponding Author: Kiick Sung (Samsung Medical Center) Co-Author: Suk Kyung Lim, Joong Hyun Ahn, Suryeun Chung, Yang Hyun Cho, Dong Seop Jeong, Wook Sung Kim, Kiick Sung
12:00-13:00	Luncheon Session 8. 아스트라제네카	Chair: Yong Won Seong (SMG-SNU Boramae Medical Center)
12:00-13:00	How to Increase Cure Chances with TAGRISSO in the Adjuvant Setting	Jii Bum (Joy) Lee (Severance Hosp.)

PROGRAM DETAILS

Time	Session & Lecture Title	Chair / Speaker / Panel
13:00-14:30	<u>General Thoracic</u> Session 45. The Role of Sublobar Resection and Technical Advances in Modern Thoracic Surgery_7분 발표+3분토의	Chair: Jae Ho Chung (Korea Univ. Anam Hosp.), Youngkyu Moon (Eunpyeong St. Mary's Hosp.)
13:00-13:10 [O]45-0	Lobectomy versus Segmentectomy in Patients with 2.0-3.0 cm Part-Solid NSCLC: A Propensity Score-Matched Analysis	<u>Young Ho Yang (Severance Hosp.)</u> Corresponding Author: Chang Young Lee (Severance Hosp.) Co-Author: Chang Young Lee, Go Eun Byun, Young Ho Yang, Ha Eun Kim, Tae Hee Hong, Byung Jo Park, Jin Gu Lee, Dae Joon Kim
13:10-13:20 [O]45-1	Is Sublobar Resection a Valid Option for Radiologically Pure-Solid Clinical Stage IA Non-Small Cell Lung Cancer?: Insights from Real-World Data and Current Status	<u>Dong Woog Yoon (Chung-Ang Univ. Hosp.)</u> Corresponding Author: Hong Kwan Kim (Samsung Medical Center) Co-Author: Dong Woog Yoon, Sumin Shin, Chu Hyun Kim, Yeong Jeong Jeon, Junghee Lee, Seong Yong Park, Yong Soo Choi, Jong Ho Cho, Hong Kwan Kim, Ho Yun Lee
13:20-13:30 [O]45-2	Sublobar versus Lobar Resection for Early-Stage Non-Small Cell Lung Cancer in Octogenarians: Propensity Score Overlap Weighting Analysis	<u>Sangil Yun (Seoul National Univ. Hosp.)</u> Corresponding Author: In Kyu Park (Seoul National Univ. Hosp.) Co-Author: Sangil Yun, Taeyoung Yun, Ji Hyeon Park, Bubse Na, Kwon Joong Na, Samina Park, In Kyu Park, Chang Hyun Kang, Young Tae Kim
13:30-13:40 [O]45-3	Non-Inferiority of Sublobar Resection Compared to Lobectomy in Invasive Mucinous Adenocarcinoma ≤3 cm	<u>Dong Woog Yoon (Chung-Ang Univ. Hosp.)</u> Corresponding Author: Jong Ho Cho (Samsung Medical Center) Co-Author: Dong Woog Yoon, Soohyun Hwang, Yeong Jeong Jeon, Junghee Lee, Seong Yong Park, Hong Kwan Kim, Yong Soo Choi, Jong Ho Cho

A stylized graphic illustration of a heart and lungs. The heart is depicted in a dark red color, and the lungs are shown in a lighter red/pink hue. The entire graphic is set against a background of concentric, wavy lines in shades of blue and green, suggesting a sense of movement or a healthy environment. The overall design is clean and modern, emphasizing the importance of cardiovascular health.

PROGRAM DETAILS

MEMO

POSTER SESSION

발표번호	초록제목	발표자	책임저자
[Poster]01	Pulmonary Malakoplakia Presenting as Empyema Necessitans in a Kidney Transplant Recipient	Seung Keun Yoon	Seung Keun Yoon
[Poster]02	Endobronchial Valve Insertion for Postoperative Bronchopleural Fistula Performed by a Cardiothoracic Surgeon: Two Case Reports	Youna Sim	Min-Woong Kang
[Poster]03	Gaseous Exposure to BP-3, B[a]P, and BPA Induces Gene Expression Changes related with Inflammation in a Human Small Airway Epithelial Model	Kuk Hui Son	Kuk Hui Son
[Poster]04	Discrepancies in Extracellular Vesicle Production and Oncogene Regulation Between 2D and 3D Cancer Models Following Cisplatin Treatment	Kuk Hui Son	Kuk Hui Son
[Poster]05	Triple Synchronous Primary Lung Cancer in the Left Lung: A Case Report	Ju Sik Yun	Ju Sik Yun
[Poster]06	Influence of Biopsy Method on Recurrence Risk in Lung Cancer: A Comparative Analysis by Tumor Location and Morphology	Younggi Jung	Jae Ho Chung
[Poster]07	On-Q® PainBuster® vs. IV PCA for Post-Thoracic Surgery Pain Management: A Prospective Randomized Study	Younggi Jung	Jae Ho Chung
[Poster]08	Bronchopleural fistula around aberrant supranumerary middle lobar bronchus from lower lobe after lower lobectomy	Kyung Soo Kim	Kyung Soo Kim
[Poster]09	Preserved drainage of lingula vein into left inferior pulmonary vein during VATS for lung adenocarcinoma	Kyung Soo Kim	Kyung Soo Kim
[Poster]10	Acute Giant Bullae or Subpleural Pneumatocele Resulting from Visceral Pleura Detachment: A Mechanism Distinct from Bullae	Hyo Jun Jang	Hyo Jun Jang
[Poster]11	Three-dimensional customized artificial grafts functionalized with biomimetic softness and anticoagulant heparin-dopamine surface modification: Preclinical study for practical applications	Won-Min Jo	Won-Min Jo

POSTER SESSION

발표번호	초록제목	발표자	책임저자
[Poster]12	Effects of treatment on extracellular fluid changes in the lower extremities of patients with chronic venous insufficiency using bioelectrical impedance analysis	Hong Ju Shin	Hong Ju Shin
[Poster]13	Successful Management of a Venous Leg Ulcer with Endovenous Laser Ablation (EVLA) and Ultrasound-Guided Foam Sclerotherapy (UGFS): A Case Report	Byoung Joon Kim	Byoung Joon Kim
[Poster]14	Epidemiological Analysis of Heart Disease Treatments in South Korea in 2023 Using Korean National Health Insurance Service Data	Hong Ju Shin	Hong Ju Shin
[Poster]15	Hybrid Interventions for Type 3 Endoleak after EVAR	Sun Kyun Ro	Sun Kyun Ro
[Poster]16	Surgical Management of A Huge Aortic Root Thrombosis in a Patient with LVAD Implantation	Hyun Ah Lim	Hwan Wook Kim
[Poster]17	Early Surgical Outcomes of Late Open Conversion with Partial Stent Graft Removal after EVAR	SeongJun Lim	Suk-Won Song
[Poster]18	Synergistic Application of Reverse Slider Technique and EndoAnchors in Challenging EVAR Anatomy	SeongJun Lim	Suk-Won Song
[Poster]19	The Influence of Atrial Functional Mitral Regurgitation on Outcomes of Maze Procedure.	Jung Uk Woo	Kyungsub Song
[Poster]20	One-lung Fontan operation in a child with a double inlet left ventricle, pulmonary atresia, and absence of the left pulmonary artery	Cheul Lee	Cheul Lee
[Poster]21	Tricuspid atresia with absent pulmonary valve and intact ventricular septum: Fontan operation after complete exclusion of the right ventricle	Cheul Lee	Cheul Lee
[Poster]22	Unusual diagnosis of intracardiac mass in a neonate : A case report	Thae Ko Ko	Yu Rim Shin
[Poster]23	ECMO Cannula Went Wrong, Devastation of Malposition	Yong Chae Jung	Ji Seong Kim

SPECIAL LECTURE

회장 시상 및 강연

일 시 | 2025. 10. 30(목) 10:50 ~ 11:20 장 소 | 컨벤션홀 A~C



회장

정성운 회장
부산대학교병원

연구공로상 시상 및 강연

일 시 | 2025. 10. 30(목) 11:20 ~ 11:50 장 소 | 컨벤션홀 A~C



강 연

김웅한 교수
서울대학교병원

MEET THE EXPERT

성인심장

일 시 | 2025. 10. 30(목) 14:20 ~ 15:20

장 소 | 컨벤션홀 A.



연 자

송현 (을지대학교병원)

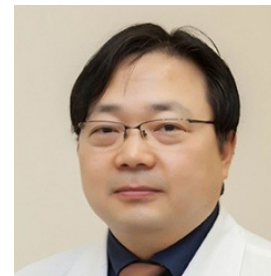
강 의 명 : Road to Success : My Reflections for
Achieving Perfect Cardiac Surgery

진 행 : **강준규** (은평성모병원)

일반흉부

일 시 | 2025. 10. 30(목) 14:20 ~ 15:20

장 소 | 컨벤션홀 B.



연 자

김용희 (서울아산병원)

강 의 명 : There is a no royal way to be a fearless surgeon for
esophageal surgery and Robotic surgery

진 행 : **김형렬** (서울아산병원)

선천성 및 소아심장

일 시 | 2025. 10. 30(목) 16:00 ~ 17:00

장 소 | 컨벤션홀 C.



연 자

윤태진 (서울아산병원)

강 의 명 : Preservation: Reservation for the Future

진 행 : **박천수** (서울아산병원)

PLENARY SESSION

일 시 | 2025. 10. 30(목) 08:50 ~ 10:30 장 소 | 컨벤션홀 A & B

| TOP RANKED ABSTRACTS |



김 준 범 서울아산병원

A Novel 3-D Ringed-Graft for Valve-Sparing Aortic Root Replacement in Bicuspid Aortic Valves



홍 태 희 세브란스병원

Impact of Tumor-Infiltrating Clonal Hematopoiesis on Response to Neoadjuvant Chemo-Immunotherapy in Stage IB-III Non-Small Cell Lung Cancer



배 선 용 서울대학교병원

Immune cell alterations after partial thymectomy in pediatric cardiac surgery



오 세 진 서울특별시보라매병원

Device-Driven Cyclic Compression of the Superior Vena Cava as a Novel Preload Reduction Strategy to Improve Cardiac Function in a Preclinical Heart Failure Model



조 석 기 분당서울대학교병원

Refining histologic classification of invasive lung adenocarcinoma: incorporating lepidic patterns into the IASLC grading system

| CHAIRS |



김 현 구
고려대 구로병원



김 준 성
분당서울대학교병원

BOOTH TOUR EVENT

부스 스탬프 투어

- 일시 : 10월 29일 (수) - 10월 31일 (금) ~12:00까지
- 응모 방법 :
 - ① 71개 부스를 방문하여 스탬프 획득 (책자 76-79페이지)
 - ② KTCVS 어플에서 설문 조사 제출
 - ③ 역사기록퀴즈 만점 (3점 만점)
- 행사종료 후, 스타벅스 커피쿠폰 (20,000원) 문자발송
- 제출처: 등록데스크 응모함

부스 스탬프 투어 상품



- 스타벅스 커피쿠폰 (20,000원)

경품 추첨

- 부스 스탬프 투어 응모자 중, 추첨을 통하여 경품 증정
- 추첨일시: 10월 31일(금) 17:00~ 폐회식



1st

애플워치 11

1 Person



2nd

다이슨 헤어드라이기

2 Persons



3rd

에어팟 4

3 Persons



4th

여행용 멀티탭

10 Persons

A 구역 | 컨벤션홀 FOYER (2F)

No.	업체명	도장	No.	업체명	도장
A-1,2	프레제니우스메디칼 케어코리아		A-14,15	상진메디코프	
A-3	지상아이엔씨		A-16,17	벡톤디킨슨코리아	
A-4	한국 아스트라제네카		A-18,19	애보트메디칼코리아	
A-5,6	라파메드코리아		A-20	코라솔리드	
A-7,8	한국존슨앤드존슨메 드테크		A-21	한화제약	
A-9	게팅게메디칼코리아		A-22,23	HK이노엔	
A-10,11	한솔카디악케어		A-24	씨에이치케이	
A-12,13	인튜이티브서지컬 코리아		A-25	프레지니우스카비 코리아	

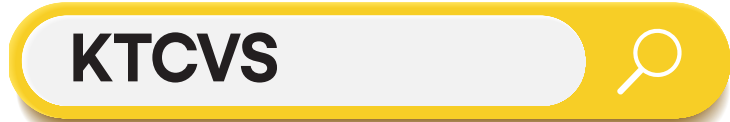
No.	업체명	도장
A-26	메손	
A-27,28	한국테루모	
A-29,30	메드트로닉코리아	
A-31	에드워즈라이프 사이언스코리아	
A-32,33	에이스코리아	
A-34,35	리브스메드	
A-36	한국MSD	
A-37	Endovastec	

B 구역 | 즐거운홀 & 행복한홀 FOYER(1F)

No.	업체명	도장	No.	업체명	도장
B-1	한국노바티스		B-9	엠알솔루션	
B-2	성우이노베이션		B-10	VUNO Inc.	
B-3	나우메드		B-11	메드웰	
B-4	현대약품		B-12	삼진제약	
B-5	화인헬스케어		B-13	Arthrex	
B-6	헤모네틱스코리아		B-14	유미어스	
B-7	리더스헬스케어		B-15	짐머바이오메트 코리아	
B-8	남북써지칼		B-16	한국화이자제약	

No.	업체명	도장	No.	업체명	도장
B-17	신기사		B-26	하주	
B-18	다림양행		B-27	엠디아메디칼	
B-19	비아트리스		B-28	휴통	
B-20	박스터코리아		B-29	동명메디칼	
B-21	제일메디칼 코퍼레이션		B-30	Pall Medical (Cytiva)	
B-22	미쓰비시다나베파마 코리아		B-31	세종메디칼	
B-23	한림MS		B-32	김코	
B-24	종근당		B-33	맥진메디칼	
B-25	한국의료기기 안전정보원		B-34	대웅제약	

KTCVS 어플 안내



KTCVS 어플을 통해 원하는 세션 알림설정,
프로그램, 설문조사, 역사기록위원회 퀴즈 등
다양한 이벤트를 만나보세요!



MEMO

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MEMO

인 쇄 : 2025년 10월 29일
발 행 : 2025년 10월 31일

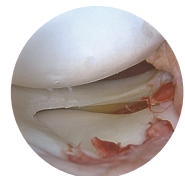
발행인 : 강창현 (이사장)
편집인 : 황호영 (총무이사), 김현구 (학술이사)
발행처 : 대한심장혈관흉부외과학회
(04501) 서울특별시 중구 만리재로 33길 21 서울역리가아파트 101동 401호
Tel : 02-3482-7869
Fax : 02-3482-7868
E-mail : society@ktcs.or.kr

편집제작 : (주) GH Korea



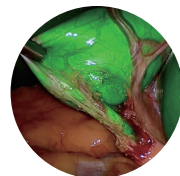
Experience a new wave of surgical visualization.

Equipped to evolve with multiple imaging agents and new modes, the 1788 Camera Platform features Stryker's most vibrant surgical image yet. Entirely re-imagined advanced imaging modalities offers clearer delineation of fluorescence, designed to improve visualization of perfusion and critical anatomy when it matters most.¹



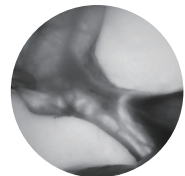
4K OLED

1 Billion colors More details in the highlights and shadows of the image.



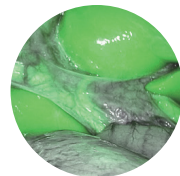
SPY overlay mode

Best in class 4K white light image with integrated fluorescence imaging



SPY contrast mode

High-contrast fluorescence visualization in grayscale.



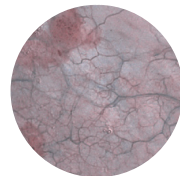
SPY ENV mode

4K fluorescence displayed in grayscale.



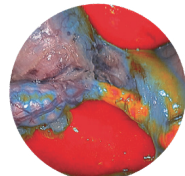
IRIS

Improved usability by enabling simultaneous visualization of fluorescence imaging and IRIS ureteral stents.



SPY Cyan Spectral Imaging (CSI)

SPY Cyan Spectral Imaging (CSI) is an enhanced cystoscopic technique designed to enhance the visualization of vasculature.¹



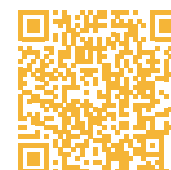
SPY Color Segmented Fluorescence (CSF)

With SPY CSF, users can now see fluorescence intensity levels with a white light overlay.

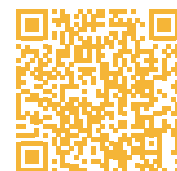
The future, in your hands.

The 1788 Platform is our most sophisticated and comprehensive surgical visualization solution for use in multiple specialties. The 1788 features vibrant images, improved ease of use and enhanced fluorescence imaging capabilities, designed for clearer visualization of perfusion and critical anatomy - when it matters most.

We developed the 1788 with built-in architecture to enable visualization of multiple optical imaging agents. Our goal is to help enhance and customize your operating room experience, as you strive to provide the best patient care possible.¹



Contact us for
more information



Contact us for
more information

2~4일간 초기 투여용량을 30 mg으로 설정하여
복용 초기에 나타날 수 있는 두통 발현을 최소화할 수 있습니다.

30 mg

이소트릴 지속정

ISOTRIL ER tab. 30 mg / 60 mg
(Isosorbide-5-mononitrate)

1일 1회 경구 투여
협심증, 심근경색 치료제

- ✓ 1일 1회 복용
- ✓ 분할 없이 복용
- ✓ Non-hepatic Metabolism
- ✓ 용량 조절로 두통 발현을 최소화

Product Information



이소트릴지속정 60 mg
(이소소르비드-5-모노니트레이트)



이소트릴지속정 30 mg
(이소소르비드-5-모노니트레이트)

Extended Release Know-how Originality



푸로골[®]서방캡슐은 특허기술로 24시간
안정적 관상동맥 관류 유지 및 혈압관리



- ✓ Once Daily 복용으로 환자들의 Compliance 증대
- ✓ 음식과 함께 섭취시에도 Dumping이 없음
- ✓ 약물복용후 초기에 혈중 Peak가 없으며 24시간 최적의 관상동맥 관류 유지

[제품명] 푸로골서방캡슐 [원료약품 및 그 분량] 1캡슐 중 · 푸로골서방캡슐 120밀리그램: 딜티아젬염산염(EP) 120mg/푸로골서방캡슐 180밀리그램: 딜티아젬염산염(EP) 180mg [성상] 흰색 내지 기의 흰색의 펠렛이 든 상하부 흰색의 불투명 경질캡슐제 [효능 · 효과] 협심증, 분태성고혈압(경증~중등도) [용법 · 용량] 1. 성인: 초회량으로 딜티아젬염산염으로서 1일 1회 180mg을 경구투여한다. 용량은 증상에 따라 2~4주 간격으로 증량할 수 있으며, 통상적인 유지용량은 1일 1회 240~360mg 이다. 1일 최대투여량은 360mg 이다. 2. 노인 및 간·신장에 환자: 초회량으로 1일 1회 120mg을 투여한다. 투여 중에 심박동수를 측정하여 50회 이하로 저하된 경우에는 증량하지 않는다. [제정방법] 기밀용기, 실온보관(1~25℃) [포장단위] 28 캡슐/상자(14캡슐/PTP포장 x 2), 56 캡슐/상자(14캡슐/PTP포장 x 4)

수술 전·후 빈혈 예방

장용 미립정 경구 철분제

노페로캡슐

↑ 복약 순응도와 철분 흡수는 높이고^{1,2}

↓ 위장장애는 낮추고^{1,2}



임상적으로 빠른 철 보충

고용량 철분주사제

모노퍼주

↑ 단 회 투여량과 편리함은 높이고³⁻⁴

↓ 저인산혈증 발생률은 낮추고^{3,4,6}



REFERENCE 1. WK Simmons et al, Am J Clin Nutr, 1993 Nov;58(5):622-6, 2. J D Cook et al, Lancet, 1990 May 12;335(8698):1136-9, 3. MonoFer® SPC, 4. Auerbach M, et al, Am J Hematol, 2019;94:1007-1014, 5. Zoller H et al, Gut 2022;0:1-10, 6. Wolf M et al, JAMA 2020;323:432-443.

노페로 캡슐 【성분·함량】 건조황산제일철 310.95mg (Fe²⁺로서 100mg) 【성상】 연한 갈색 장용성 제파정을 함유하는 상부 불투명 갈색, 하부 투명한 갈색의 경질캡슐 【포장 단위】 30캡슐/병, 100캡슐/병
【효능·효과】 철 결핍성 빈혈의 예방 및 치료 【용법·용량】 성인 및 12세 이상 소아: 철로서 1회 100mg, 1일 1회 복용한다.

모노퍼 주 【성분·함량】 1ml 중 Ferric derisomaltose 철이소말토시드착염 417mg (철로서 100mg) 【성상】 진한 적갈색의 용액이 무색투명한 앰플에 든 주사제 【효능·효과】 1. 경구투여로 효과가 불만족하거나, 경구투여가 불가능한 철 결핍증 환자 2. 임상적으로 빠른 철 보충이 필요한 철 결핍증 환자 【포장단위】 2ml, 5ml X 5앰플/박스

(주)한국팜비오 본사 : 서울시 서초구 논현로 83(양재동) A동 7층, 공장 : 충청북도 충주시 대소원면 청단산업9로 36, 연구소 : 성남시 중원구 우림라이온스밸리 2차 A동 1705호
소비자상담실 : 02-587-2551(구입문의 : 경영지원부 ARS 2번 / 복약문의 : 학술부 ARS 3번) 홈페이지 : <http://www.pharmbio.co.kr>

보건의정부 인증
혁신형 제약기업
KOREA INNOVATIVE PHARMACEUTICAL COMPANY

ActiClot

엑티클랏



Absorbable Active Hemostatic Agent
Thrombin + Carboxymethyl Starch



3ml(기본형/복강경형), 6ml(기본형/복강경형)

ActiClot은 트롬빈과 식물성 전분 성분의 흡수성 지혈제로, 혈액 내 피브리노겐의 피브린 전환을 촉진하여 빠른 지혈을 유도하며 전분 성분이 물리적 장벽을 제공함으로써 출혈을 억제합니다.

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P-CAB의 새로운 돌풍!

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함께 나아갑니다.**



[Abbreviation] P-CAB : Potassium-Competitive Acid Blocker.

[Reference]

1. 국내 개발 신약 허가원형, 한국신약개발연구조합 Available at: <https://www.ukdra.or.kr/webiste/03web02.php> accessed Sep-11-2024.

[제조회자] 온코넬 테라퓨틱스(주) 서울특별시 강남구 테헤란로 26길 12 11층 [제조 및 판매처] 제일약품(주) 충청남도 천안시 서북구 박안면 동강리길 7 (9층 4) 본사 : 서울특별시 서초구 사당대로 343 11F 080-553-7171
[공동판매처] 동아ST 서울특별시 동대문구 천호대로 64 11F 02-920-8111 ※ 제품에 대한 자세한 정보는 제품에 동봉된 제품설명서 및 식약처약품안전처 의약품안전나라 (<https://medrug.mfds.go.kr/index>)를 참고하시기 바랍니다.

[제조회자]

온코넬 테라퓨틱스

[제조판매처]

제일약품

[공동판매처]

동아ST



항혈소판제
클로그렐정
(클로피도그렐황산수소염) 75mg

Stroke, MI, PAD 또는 ACS 환자의 CV prevention을 위한
항혈소판요법의 선택기준에 최적화된 약제입니다.



클로그렐정은 clopidogrel bisulfate (75mg) 성분의 항혈소판제입니다.

제품 정보

[성분·함량] 클로피도그렐황산수소염 75mg

[효능·효과] 뇌졸중, 심근경색 또는 말초동맥성질환, 급성관상동맥증후군 (불안정형심증 또는 비Q파 심근경색)이 있는 환자에서 죽상동맥경화성 증상의 개선

[용법·용량] 1일 1회 1정

※ 보다 자세한 사항은 제품설명서 전문을 참고하시기 바랍니다.



Antiplatelet agent
Clogrel^{75mg}
(clopidogrel bisulfate)

유한양행

LEUKOMED® CONTROL

하이드로폴리머젤 투명 POST-OP 드레싱, 루코메드컨트롤



TRUE TRANSPARENCY

완벽한 투명성으로 상처의 변화를 관찰하기 용이하며, 불필요한 드레싱 교체를 줄여줍니다.

WATER & BACTERIA PROOF

피부의 표피보다도 얇은 초박막형 film은 굴곡진 부위에도 적용이 용이하고, 외부 오염물질을 차단하여 상처의 감염을 예방하며, 환자에게 위생적인 환경을 제공해 줍니다.

HYDROPOLYMER GEL PAD

인체 친화적인 친수성 고분자 물질의 하이드로폴리머 흡수체는 상처에 들러붙지 않으며, 상처치유를 위한 효과적인 습윤 환경을 구축하여 줍니다.



캡슐·과립 : 일반의약품 주사 : 전문의약품 분류번호 222

급·만성 호흡기 질환 치료제

뮤데란[®]

캡슐
과립
주사

Acetylcysteine 아세틸시스테인



- 1) 응고된 객담의 **Disulfide(s-s)** 결합을 끊어 객담의 점도를 낮춤^{1),2)}
- 2) 점액 배출 속도와 섬모 운동 횟수를 증가시켜 객담의 배출을 활성화^{1),2)}
- 3) 체내 **Glutathione** 농도를 높여 아세트아미노펜 간독성을 예방 및 치료³⁾
- 4) 바이오필름의 **Exopolysaccharide**를 용해하여 바이오필름을 붕괴시켜 만성 및 지속성 감염의 항생제 치료에서 시너지 효과를 기대^{4),5)}

Drug Information

뮤데란 캡슐 200mg [원료약품 및 그 분량] 1캡슐 중 아세틸시스테인(USP) 200mg [성상] 백색의 분말이 충전된 상하 흰색의 경질 캡슐제
뮤데란 캡슐 100mg [원료약품 및 그 분량] 1캡슐 중 아세틸시스테인(USP) 100mg [성상] 백색의 분말이 충전된 상하 녹색의 경질 캡슐제
뮤데란 과립 200mg [원료약품 및 그 분량] 1g 중 아세틸시스테인(USP) 200mg [성상] 옅은 분홍색 과립제
[효능·효과] 다음 질환에서의 객담 배출곤란 : 급·만성기관지염, 기관지천식, 후두염, 부비동염, 낭성섬유증
[용법·용량] 아세틸시스테인으로서 다음 용량을 식전에 소량의 물과 함께 복용
내용 액제 급여 기준 일반 원칙에 따라 11세 이하 소아에게만 급여가 인정(시럽제에 한함)
1. 급성질환 성인 : 1회 200mg, 1일 3회 / 소아 : 2-5세 - 1회 100mg, 1일 3회(시럽제, 과립제에 한함) 6-14세 - 1회 200mg, 1일 2회
2. 만성질환 성인 : 1회 200mg, 1일 2회 / 소아 : 6-14세 - 1회 100mg, 1일 3회
3. 낭성섬유증 소아 : 6세 이상 - 1회 200mg, 1일 3회 / 2-5세 - 1회 100mg, 1일 4회(과립제에 한함)
[저장방법] 뮤데란 캡슐 100mg, 200mg, 뮤데란 과립 200mg : 기밀용기 [포장단위] 뮤데란 캡슐 100mg, 200mg : 30C, 100C, 1000C / 뮤데란 과립 200mg : 100포, 200g/병

뮤데란 주사 [원료약품 및 그 분량] 아세틸시스테인(USP) 300mg, 600mg, 900mg [성상] 무색 내지 옅은 보라색의 투명한 액이 충전된 갈색 앰플제
[효능·효과] 1. 진하고 점도 높은 가래를 수반하는 다음의 기관지 질환에서의 객담배출 곤란 증상
1) 성인 : 급·만성 기관지염, 기관지 확장증, 천식모양기관지염, 인·후두염, 부비동염, 낭성섬유증, 수술 후 폐 합병증.
2) 소아 : 급·만성 기관지염, 낭성섬유증
2. 아세트아미노펜 중독의 해독
[용법·용량] 1. 점액의 용해
1) 정맥주사 : 성인 아세틸시스테인으로서 1회 600-900mg, 소아 이 약으로서 1회 300-450mg을 1일 2-3회 주사
(주사액의 조제 : 생리식염 주사액 또는 5% 포도당 주사액으로 희석하고 그 용액을 천천히 짧게 주입(약 5분 이상))
2) 근육주사 : 성인 이 약으로서 1회 300mg, 소아 이 약으로서 1회 150mg을 1일 1-2회 주사
2. 아세트아미노펜 중독의 해독
처음 15분간 이 약으로서 체중 kg당 150mg을 5% 포도당 주사액 200mL에 희석하여 점적정맥주사한다. 다음에 체중 kg당 50mg을 5% 포도당 주사액 500mL에 희석하여 4시간동안 점적정맥주사한다. 마지막으로 체중 kg당 100mg을 5% 포도당 주사액 1,000mL에 희석하여 16시간 동안 점적정맥주사한다. 총 주입량은 체중 kg당 300mg, 투여시간은 20시간 15분으로 한다. 해독작용은 1회요법으로 충분하고 환자의 체중에 따라 주입용액의 양을 조절한다.
[저장방법] 차광밀봉용기, 실온보관(1-30°C) [포장단위] 10A ※사용상의 주의사항 및 자세한 내용은 (사용설명서) 참조

1) Alternative medicine review 2000;5(5):467-471 2) Brocard et al., Eur J Respir Dis 1980;61(Suppl. III):65-69 3) Chun BJ et al., Med Assoc 2013;56(12):1067-1075
4) Zhao T et al., BMC Microbiol 2010;10(140):1-8 5) Oh KO et al., J Bacteriol Virol 2009;39(4):237-246 6) Sa do wska AM, Ther Adv Respir Dis. 2012;6(3):127-135

ALL ABOUT AI Of the Heart, By the Surgeon, For the Surgeon!

ó version 4.5.9 ... "Damn, it's WK"
Hello, **human**. How can I assist you?

```
> library(AI);COR<-read.csv("CORAZÓLEAD.csv")  
> myList(WhatDoYouHave~,data=COR)
```

1. **AiCO** (Automatic Summary for Your Surgery)
 2. **VAIKING** (Validated AI Search for Heart Dz)
 3. **Monitoring** system for AV-fistula (pending)
- And **TOO MUCH Enthusiasm** for Cardiac Surgery

```
> List<-vars=c("WhatDoYouHave");  
ggplot(data=COR, aes(x= List)
```

Error in ggplot("Don't Stay Inside") :
object 'CORAZÓLEAD' not found THERE...

PLEASE VISIT US for more information... _



CORAZÓLEAD

인공지능 기술, 의사와 환자를 잇다

———— 언제나 내 곁에 심장 주치의 ————