

대한흉부심장혈관외과학회 창립 50주년 기념 추계학술대회 및 제9차 ITMIG 국제학술대회

**The 50th Anniversary of the Korean Society for
Thoracic and Cardiovascular Surgery (KTCVS)**

in conjunction with

**the 9th International Thymic Malignancy Interest
Group Annual Meeting (ITMIG2018)**

OCTOBER 25-27, 2018

THE GRAND WALKERHILL HOTEL, SEOUL, SOUTH KOREA

Program Book

Organized by

The Korean Society for Thoracic & Cardiovascular Surgery
International Thymic Malignancy Interest Group



**Half-Century for Patients
Half-Century for Future**



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Half-Century for Future

대한흉부심장혈관외과학회 창립 50주년 기념 추계학술대회 및 제9차 ITMIG 국제학술대회

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ITMIG 2018

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October
25-27, 2018

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Seoul, South Korea

대한흉부심장혈관외과학회 창립 50주년 기념
추계학술대회 및 제9차 ITMIG 국제학술대회

*The 50th Anniversary of the Korean Society for Thoracic and Cardiovascular Surgery (KSTCS)
in conjunction with the 9th International Thymic Malignancy Interest Group Annual Meeting (ITMIG2018)*

인사말



Dear Colleagues and Friends,

It is our great pleasure to invite you to attend the 50th Annual Meeting of the Korean Society for Thoracic and Cardiovascular Surgery (KSTCS), in conjunction with the 9th International Thymic Malignancy Interest Group Annual Meeting (ITMIG 2018) to be held on October 25-27, 2018 at the Grand Walkerhill Hotel, Seoul, Korea.

Since the 1st annual meeting of the KSTCS on May 18, 1968, we have accomplished a lot together for our patients during the past 50 years. I believe, however, the thoracic and cardiovascular surgery will evolve faster in the next 50 years than it ever has before.

This year's scientific program will cover every aspect of thoracic and cardiovascular surgery. In addition, we will have a special session of coronary artery bypass surgery in celebration of 50-years of CABG.

The ITMIG is the premier multi-disciplinary international organization focused on the thymic gland and tumors. The ITMIG annual meeting will provide an ideal forum to exchange the knowledge of latest scientific advances, share ideas in the new development of clinical management, and provide unique networking opportunities. This year's Congress will bring together all clinicians, researchers, and scientists from all over the world, and we will obtain and discuss information about advances in the management of thymic malignancies.

As all of you may expect, Seoul is the Capital of Korea where tradition and modern, nature and highly advanced technology co-exist in a harmonious manner. With fascinating ancient traditions and ultramodern lifestyle in Seoul, we wish you have an enjoyable stay and many unforgettable memories.

Please save the date and we are looking forward to welcoming you all to the 50th annual meeting of the KSTCS and the 9th ITMIG 2018 in Seoul!

Best regards,

Ki-Bong Kim, MD, PhD

President

*The 50th Annual Meeting of the Korean Society for Thoracic and Cardiovascular Surgery Professor
Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital*



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대한흉부심장혈관외과학회 임원명단 (2017년 11월 ~ 2018년 10월)

회 장	김기봉
부 회 장	강경훈, 김길동, 백완기, 이정상, 최준영
이 사 장	오태윤
차 기 회 장	권오춘
상 임 이 사	김관민, 김동관, 김성철, 나국주, 유경중, 유재현, 이현석, 전태국, 정성운, 홍종면

이 사

강신광, 강정한, 강창현, 강철휘, 금동윤, 김경화, 김경환, 김관민, 김관창, 김근직, 김대연, 김대준, 김대현, 김도형, 김동관, 김동원, 김상필, 김성철, 김수철, 김영대, 김영태, 김용환, 김육성, 김재현, 김정철, 김정택, 김종우, 김종인, 김태식, 김현구, 김현조, 김형수, 나국주, 류세민, 류한영, 문석환, 문현중, 박계현, 박기성, 박일환, 박철현, 서종희, 서홍주, 손호성, 송상윤, 송 현, 신성호, 신윤철, 신재승, 신화균, 유경중, 유동곤, 유재욱, 유재현, 유지훈, 윤영남, 윤영철, 윤정섭, 윤태진, 이 건, 이석재, 이성수, 이성호, 이응배, 이장훈, 이재익, 이재훈, 이종목, 이종호, 이창하, 이현석, 임상현, 임 청, 장인석, 장지원, 전태국, 전희재, 정성운, 정인석, 정종필, 정진용, 제형곤, 조광리, 조광조, 조덕곤, 주석중, 지현근, 최용수, 최진호, 최창후, 허동명, 허 진, 홍기표, 홍종면, 홍준화, 황상원, 황재준

총 무 이 사 윤효철, 강민웅(부 총무이사), 신희주(부 총무이사)

감 사 류지윤, 김덕실, 허재학

- 기획홍보위원회** 신재승(장), 강정환, 김도완, 김도훈, 김환욱, 송승환, 신성호, 신흥주, 유재석, 이승현, 임상현, 임흥국, 임 청, 전양빈, 정인석, 조양현
- 간행위원회** 조광조(장), 김경환, 김관창, 김대준, 나명훈, 박기성, 박한기, 백만중, 송석원, 윤태진, 이 석, 이성호, 이호석, 최시영, 최용수, 홍기표, 홍종면, 황재준, Dr.Arata Murakami, Dr.Byung C. Moon, Dr.Francis D. Ferdinand, Dr.Hendrick B. Barner, Dr.Kemp H. Kernstine, Dr.Marcello Carlo Ambrogi, Dr.Tirone E David, Dr.Tom R. Karl
- 고시위원회** 김경환(장), 김도훈, 김재범, 김형렬, 김형태, 김홍관, 박인규, 박정준, 신재승, 신흥주, 양지혁, 위진홍, 이재항, 이충원, 임 청, 최창휴
- 교육위원회** 박계현(장), 공준혁, 금동윤, 김근직, 김동중, 김정철, 김준범, 김형태, 박성용, 이길수, 이성수, 이재항, 이 철, 장우성, 전재현, 정인석, 조민섭, 조석기, 조양현, 조정수, 최은석, 황정주, 황진욱
- 보험위원회** 문석환(장), 공준혁, 곽재건, 김대현, 김시호, 김영두, 박남희, 박인규, 박천수, 신성호, 신운철, 오상기, 윤영남, 이영욱, 이재익, 이진구, 이해원, 임상현, 장형우, 장희진, 정동섭, 정성호, 정원석, 정재승, 조종호, 조창욱, 조현민, 허 균, 홍순창, 황정주
- 수련심사위원회** 김동원(장), 강두영, 강준규, 김동중, 김시욱, 김영대, 김재현, 김준석, 류경민, 송상윤, 윤영남, 윤유상, 이석재, 이응배, 장인석, 장지원, 조석기, 최진호
- 재정위원회** 박철현(장), 강정환, 김경화, 김상필, 김성철, 배지훈, 유재욱, 이기중, 이석기, 이 섭, 이희성, 전현우, 조종호, 최재성
- 학술위원회** 지현근(장), 강민용, 강창현, 곽재건, 김재범, 김정철, 김준성, 김현구, 김호진, 박한기, 서종희, 성기익, 성용원, 양지혁, 이 석, 이창하, 정재승, 제형근, 조광리, 최세훈, 최용수, 함석진, 황호영
- 국제교류위원회** 김영태(장), 김옥성, 김준범, 배미경, 성용원, 이응배, 장우성
- 정보위원회** 최창휴(장), 강준규, 염상윤, 오세진, 이석기, 이송암, 이해영, 정재승, 조원민, 허 균
- 정책윤리위원회** 금동윤(장), 권오춘, 김덕실, 김요한, 김 혁, 문병주, 박승일, 윤정섭, 윤치순, 전상훈, 정성운, 정태은, 홍종면



특별위원회 / TFT

- 역사기록보존위원회** 박국양(장), 곽재건, 김근직, 김도훈, 김상형, 김우식, 신재승, 이성수, 장병철, 정한나, 조덕곤

- 법인설립위원회** 송 현(장), 김형렬, 박남희, 성기익, 이 철, 이해영
고문: 권오춘, 박승일, 박영환, 이영탁, 전상훈

- 사회공헌/의료봉사위원회** 김웅한(장), 곽재건, 김동중, 김정철, 박천수, 오세진, 유재석, 이승현, 장우성, 정의석, 조성규, 최광호, 최세훈

- 노인병세부전문준비위원회** 이석재(장)

- 임상진료지침구축위원회** 조덕곤(장), 김홍관, 윤정섭, 이근동, 이 철

- 대외협력위원회** 문현종(장), 김준성, 김재준, 박재범, 박창률, 박천수

- 요양병원 TFT** 김수철(장), 김승진, 김우식, 김욱진, 김창희, 박강식, 이재훈, 이필수, 한균인

- 초음파 위원회** 정진용(장), 강준규, 김태식, 김도완, 김동중, 김우식, 김재범, 이준완, 이현주, 임주영, 최창휴, 홍기표

- 50주년 기념사업단장** 임 청(장), 송승환, 유재석, 이승현, 장형우, 황호영

- 가산금 TFT** 임상현(장), 김시호, 김영삼, 김우식, 백종현, 송상윤, 신윤철, 유지훈, 이재욱, 조민섭, 조석기, 최세훈
고문: 김동관, 류지윤, 박철현, 백완기



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MEETING INFORMATION

Registration Desk

There are two registration desks for this Congress.

- 1) KTCVS's registration desk is located in front of the **B1F IDA Lobby (VISTA)**.
- 2) ITMIG2018's registration desk is located in front of the **B1F Grand Hall**.

Operating Hours:

- Day 1) October 25 (Thu) 07:30~18:00
- Day 2) October 26 (Fri) 07:30~17:30
- Day 3) October 27 (Sat) 07:30~16:00

Preview Room



The preview room location is **IDA Room** and **Grandhall Lobby**.

Operating Hours:

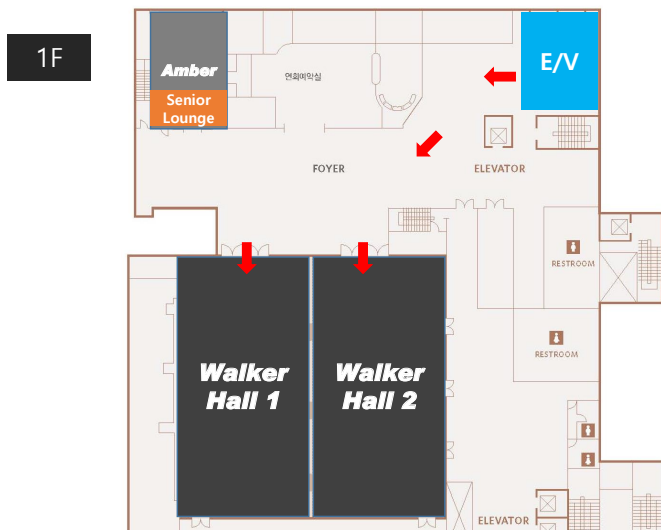
October 25 (Thu) ~ 27 (Sat) 07:30~17:00

Senior Lounge

It is operate a senior lounge for Elder member of society.
The Senior lounge location is Hotel convention 1F Amber Room.

Operating Hours:

October 25 (Thu) ~ 27 (Sat) 07:30~17:00



SOCIAL PROGRAM

Opening Ceremony	Date: October 25 (THU), 2018, 10:00 Place: B2F, Vista Hall 1+2, Grand Walkerhill Hotel
Welcome Reception	Date: October 25 (THU), 2018, 18:30 Place: B2F, Lobby, Grand Walkerhill Hotel Menu: Finger food & Cocktail
Gala Dinner	Date: October 26 (FRI), 2018, 18:00 Place: B1F, Walkerhill Theater, Grand Walkerhill Hotel Menu: Western Style



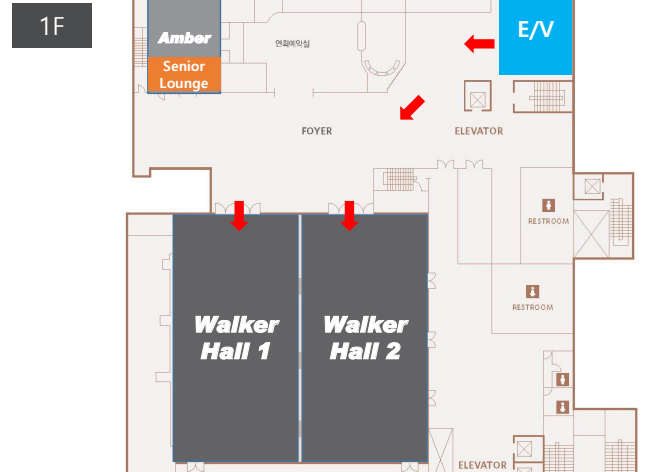
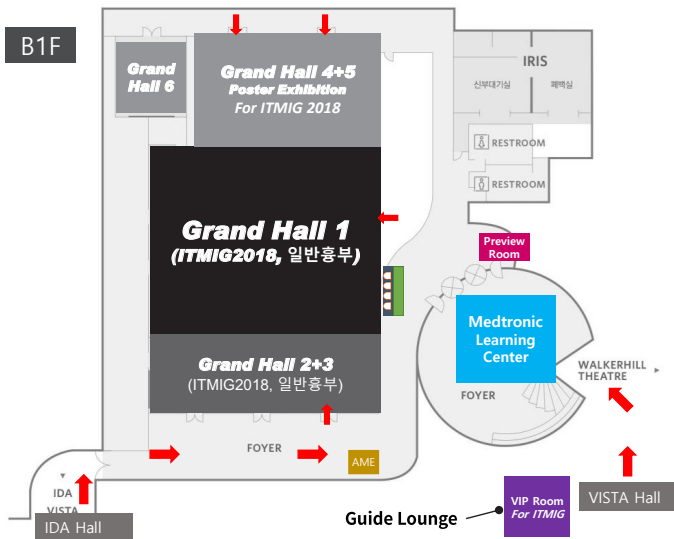
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제50차 추계학술대회 참가 특별회원

부스위치	업체명	부스위치	업체명
41	Integra LifeSciences	69~70	올림푸스한국(주)
26	SK 케미칼	48	(주)유파인메드
25	SK 플라즈마 주식회사	52~53	(주)유한양행
39	나우메드 유한회사	43	인튜이티브서지컬코리아 유한회사
18	남북써지칼(주)	34	(주)제니스팜
56~57	(주)녹십자	33	(주)제일메디칼코퍼레이션
22	다림바이오텍	44	제일약품
31~32	대웅제약	50	주식회사 씨에이치케이
46	(주)도고메디칼	15	주식회사 흥은메디칼
24	동아에스티(주)	2	주식회사 하주
8	동화약품(주)	3	(주)지상아이엔씨
27~29	라파메드(유)	23	(유)짐머바이오메트코리아
71	(주)리브스메드	30	주식회사 쿡메디칼코리아
54~55, 60~61	(주)마켓메디칼코리아	45	(주)크리스탈옵틱
17	맥진메디칼	1	(주)프라임메드
64	(주)메손	40	한국노바티스(주)
14	(주)박스터	58~59	한국쓰리엠(주)
47	삼진제약(주)	16	한국애보트(주)
7	성우메디텍 주식회사	65~66	한국존슨앤드존슨메디칼(주)
42	스미스앤드네퓨(주)	4~6	한국테루모 주식회사
62	아이비에스메디칼 주식회사	35~36	한림제약(주)
37~38	애보트메디칼코리아	49	(주)한솔카디악케어
11~13	에드워즈라이프사이언스코리아	9	현대약품(주)
21	에스에이치무역	63	호진메디칼(주)
19~20	에이스코리아	10	(주)휴온스
51	(주)엠디아이메디칼	67~68	삼성전자
후원	일동제약	광고	보령제약
광고	신영메딕스	광고	아원메드(주)
광고	한국화이자제약	Learning Center	Medtronic



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October
25-27, 2018

The Grand Walkerhill Hotel,
Seoul, South Korea

대한흉부심장혈관외과학회 창립 50주년 기념
추계학술대회 및 제9차 ITMIG 국제학술대회

The 50th Anniversary of the Korean Society for Thoracic and Cardiovascular Surgery (KTCVS)
in conjunction with the 9th International Thymic Malignancy Interest Group Annual Meeting (ITMIG2018)

학술대회 일정표



2018년 10월 25일(목)
장소: 그랜드 워커힐 호텔

2018-10-25(목)	성인심장 Vista Hall 1+2	일반흉부 Grand Hall I	ITMIG Grand Hall 2+3	소아심장 Walker Hall I	Walker Hall II	4F Oak Room	Grand Hall 4+5	
08:00~08:30	좌장: 나찬영 Meet the Expert 박표원(성균관대학교 삼성서울병원)	좌장: 김진국 Meet the Expert 정경영(연세대학교 세브란스병원)	07:00~10:00 ITMIG Committee Meeting	좌장: 김웅한 Meet the Expert 성시찬(양산부산대학교병원)	Satellite Session Korean Valve Registry			
08:30~09:30	판막 I (1~5연제) 좌장: 나찬영, 이 석	폐암 II (18~22연제) 좌장: 박재길, 김진국		선천성심장질환 I (38~41연제) 좌장: 성시찬, 김웅한	폐암 III (28~32연제) 좌장: 김관민, 조덕곤			
09:30~10:00	Coffee Break							
10:00~11:00	Opening Ceremony							
11:00~12:30	자유연제 (6~12연제) 좌장: 전상훈, 윤정섭						11:00~12:00 기자간담회	
12:30~13:30	Luncheon Seminar 1 좌장: 박계현 <메드트로닉 코리아> 1. Introduction of ESAR (EndoSuture Aneurysm Repair) with Heli-FX EndoAnchor 송석원(연세대학교 강남세브란스병원) 2. Decision Making between Open Repair and TEVAR in Thoracic Aortic Diseases 주현철(연세대학교 신촌세브란스병원) 3. The New Era of TEVAR - Valiant™ Navion™ Alessandro Marucchini, MD (Medtronic Italy_Principal Medical Science Advisor, Global Aortic Medical Affairs, Italy)							
13:30~14:30	Invited Lecture 좌장: 김기봉 Valve-Sparing Aortic Root Replacement in the Current Era Duke E. Cameron, MD (Massachusetts General Hospital, USA)			13:30~15:30 보험세션	13:30~15:30 간행위원회 워크숍			
14:30~15:00	Medtronic 연구공로상 강연 및 시상 좌장: 오태운 Thank you to make me a Thoracic Surgeon!!! 나명훈(충남대학교병원)					14:30~15:30 심장재활		
15:00~15:30	회장강연 및 시상 좌장: 오태운 회장: 김기봉(서울대학교병원)							
15:30~16:00	Coffee Break							
16:00~17:30	English Competition Forum I (1~8연제) 좌장: 황호영, 김호진	English Competition Forum II (9~16연제) 좌장: 이호석, 최세훈		Dr. Cameron 특강 좌장: 조범구 Birth and Evolution of the Blalock-Taussig-Thomas Shunt Duke E. Cameron, MD (Massachusetts General Hospital, USA)				
17:30~18:30	메드트로닉 발표상 (13~17연제) 좌장: 김옥성, 제형곤	일반흉부 II (23~27연제) 좌장: 이음배, 박인규	일반흉부 III (33~37연제) 좌장: 김용희, 강민웅	메드트로닉 발표상 (42~46연제) 좌장: 유재현, 이 철		17:00~18:00 전체이사회		
18:30~20:00	Welcome Reception Place: Walkerhill Theatre Lobby B1F Hotel							
	E-poster Presentation (1~33연제) (2018.10.25~27)	Medtronic Learning Center (2018.10.25~27)						

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(ITMIG
2018)



2018년 10월 26일(금)
장소: 그랜드 워커히 호텔

2018-10-26(금)	성인심장 Vista Hall 1+2	일반흉부 및 ITMIG Grand Hall I+2+3	소아심장 Walker Hall I	Walker Hall II	Grand Hall 6	Grand Hall 4+5	
08:00~09:00	체외순환보조 (47~51연제) 좌장: 김형수, 정재승	폐암 I (64~68연제) 좌장: 김영태, 김영대	선천성심장질환 II (69~73연제) 좌장: 이정렬, 전태국	09:00~12:00 체외순환사협회 추계학술대회		포 스 터 전 시 (ITMIG 2018)	
09:00~10:00	대동맥 I (52~56연제) 좌장: 박계현, 주석중	ITMIG I - KART Session (3 Presentation) Chair: Dong Kwan Kim, Sang-hoon Jheon	선천성심장질환 III (74~77연제) 좌장: 김용진, 박영환				
10:00~10:30	Coffee Break						
10:30~11:00	좌장: 김동원 의료분쟁 사안 특별법 제정을 위한 전 문가 초청 특별 패널 토의	ITMIG Database					
11:00~11:30	이성수(강남세브란스병원)	ITMIG II - Imaging (4 Presentations) Chair: Edith Marom, Soon Ho Yoon					
11:30~12:30	총회						
12:30~13:30	Luncheon Seminar 2 좌장: 이재원	Luncheon Seminar 3 좌장: 김동관	Luncheon Seminar 4 좌장: 조덕근	점 심			
	<메드워즈라이프 사이언스 코리아>	<메드트로닉 코리아>	<GC 녹십자>				
	Is there a Role for INTUITY (Rapid Deployment System) in Current TAVI Era? 주석중(서울아산병원)	Management of Intraoperative Bleeding during VATS 김홍관(삼성서울병원)	Application of an Absorbable Tissue Reinforcement, Neoveil Sheet™ for Thoracic Surgery Yoshimasa Maniwa, MD, PhD (Kobe University Graduate School of Medicine, Japan)				12:30~13:30 홍부외과 여의사회 세션 및 정기총회
13:30~15:00	포럼 I (1~12연제) 좌장: 이기중, 김준성	ITMIG III - Abstract Session Chair: Kook Joo Na, Alan Kirk	포럼 III (26~32연제) 좌장: 조준용, 윤태진	14:00-17:00 Basic Anastomotic Skills Dry Lab Paul T. Sergeant, MD (Gasthuisberg University Hospital, Belgium)	포럼 II (13~25연제) 좌장: 김현구, 함석진		
15:00~15:30	Coffee Break						Coffee Break
15:30~17:00	관상동맥 (57~63연제) 좌장: 조광리, 윤영남	ITMIG IV - Surgery (7 Presentations) Chair: Frank Detterbeck, Alper Toker	선천성심장질환 IV (78~82연제) 좌장: 이창하, 양지혁				15:00~17:00 지도전문의 교육
17:00~17:30	시상식 및 행운상 추첨						
18:00~21:00	Gala Dinner Place: Walkerhill Theatre B1F Hotel						



2018년 10월 27일(토)
 장소: 그랜드 워커히 호텔

2018-10-27(토)	성인심장 Vista Hall 1+2	일반홍부 Grand Hall 1+2+3	50-YEARS OF CABG Walker Hall I	성인심장 Walker Hall II	Grand Hall 4+5
08:00~09:00	기타 심혈관 (83~87연계) 좌장: 임상현, 정인석	일반홍부 I (99~103연계) 좌장: 박형주, 백효채	Evidence Base for CABG in 2018 <Ki-Bong Kim, MD, John D. Puskas, MD>		
09:00~10:00	판막/부정맥 (88~92연계) 좌장: 박남희, 정성호	ITMIG V - Pleural (3 Presentations) Chair: Sukki Cho, Wentao Fang			
10:00~10:30	Coffee Break				
10:30~12:00	대동맥 II (93~98연계) 좌장: 조광조, 성기익	ITMIG VI - Medical Oncology / Basic Science (4 Presentations) Chair: Sang-We Kim, Nicolas Girard	CABG in 2018 <Cheol Hyun Chung, MD, Hyun Keun Chee, MD>	10:30~12:00 초음파 연수강좌	08:00~12:00
12:00~13:00	Luncheon Seminar 5 좌장: 장병철	Luncheon Seminar 6 좌장: Jong Mog Lee, MD	Luncheon Seminar 7 Moderators: Kyung-Hwan Kim, MD		포 스 터 전 시 (ITMIG 2018)
	<애보트메디칼코리아>				
	Key Elements for Successful Establishment of National Database Dr. Noboru Motomura, MD (Toho University, Faculty of Medicine, Sakura Medical Center University of Tokyo, Japan)	Robotic Thymectomy Chang Hyun Kang, MD (Seoul National University Hospital)	Severe Ischemic MR: CABG-plus-MV Repair or CABG-plus-MV Replacement? David H. Adams, MD (Icahn School of Medicine at Mount Sinai Hospital, USA)		
13:00~14:00	Video Session (1~8연계) 좌장: 임 청, 이성수	ITMIG VII - Abstract Session Chair: Kyung Young Chung, Wentao Fang	State of the Art CABG in 2018 Beyond <Kyung-Jong Yoo, MD, David Taggart, MD>		
14:00~15:00	시상식 및 폐회식	14:00~16:00 ITMIG VIII - Tumor Board			



October
25-27, 2018

The Grand Walkerhill Hotel,
Seoul, South Korea

대한흉부심장혈관외과학회 창립 50주년 기념
추계학술대회 및 제9차 ITMIG 국제학술대회

The 50th Anniversary of the Korean Society for Thoracic and Cardiovascular Surgery (KTCVS)
in conjunction with the 9th International Thymic Malignancy Interest Group Annual Meeting (ITMIG2018)

프로그램

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2018년 10월 25일(목)
장소: Vista Hall 1+2



08:00~08:30

Meet the Expert

좌장: 나찬영

박표원(성균관대학교 삼성서울병원)

08:30~09:30

판막 I (1~5연제)

좌장: 나찬영, 이 석

001 DeVega Versus Ring Annuloplasty for Functional Tricuspid Regurgitation: A Propensity Score Matching Analysis with Long-Term Clinical Outcomes

Suk Ho Sohn, Kyung Hwan Kim, Yeiwon Lee, Jae Woong Choi, Ho Young Hwang

Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea

002 Impact of Minimally Invasive Approach for Cardiac Valve Surgery in Patients with Compromised Renal Function

Min Ho Ju, Mi Hee Lim, Hyung Gon Je, Sang Kwon Lee

Department of Thoracic and Cardiovascular Surgery, Pusan National University Yangsan Hospital, Pusan National University College of Medicine, Gyeongsangnam-do, Republic of Korea

003 Impact of Three Different Suture Techniques for Aortic Valve Replacement on Prosthesis-Patient Mismatch and Hemodynamics

Hyo-Hyun Kim¹, Sak Lee¹, Byung-Chul Chang², Young-Nam Youn¹, Hyun-Chel Joo¹, Kyung-Jong Yoo¹, Seung Hyun Lee¹

¹Division of Cardiovascular Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, ²Division of Cardiovascular Surgery, Department of Thoracic and Cardiovascular Surgery, CHA Bundang Medical Center, CHA University College of Medicine, Gyeonggi-do, Republic of Korea

004 Surgical Options to Treat Deteriorated Aortic Valve after Comprehensive Aortic Root and Valve Repair Surgery

Ho Hyun Ko, Wan Kee Kim, Ho Jin Kim, Joon Bum Kim, Sung-Ho Jung, Suk Jung Choo, Cheol Hyun Chung, Jae Won Lee

Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea

005 Early Hemodynamic Performance and Short-term Clinical Outcomes of Small Aortic Bioprosthetic Valve Implantation According to Two Different Design

Do Jung Kim, Hyun-Chel Joo, Kyung-Jong Yoo, Young-Nam Youn, Sak Lee, Seung Hyun Lee

Division of Cardiovascular Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea

09:30~10:00 Coffee Break



2018년 10월 25일(목)
장소: Vista Hall 1+2



10:00~11:00 Opening Ceremony

1. 개회사 및 환영사
2. 축사
3. 50주년 기념 공로 감사패 수여
 - 손광현 교수
 - 조범구 이사장
 - 박영관 회장
4. 흉부외과 의료 봉사상 수여
 - 대상: 한국심장재단 조범구 이사장
 - 본상: 전태국 교수
5. 50주년 화보 헌정식
6. 50주년 기념 타임캡슐 제막식

11:00~12:30 자유연제 (6~12연제)

좌장: 전상훈, 윤정섭

- 006 Development of Predictors of Tumor Spread Through Air Space (STAS) Positivity in Early-stage Lung Cancer**
Jee Won Suh, Woo Sik Yu, Seung Hwan Song, Seong Yong Park, Jin Gu Lee, Dae Joon Kim, Hyo Chae Paik, Kyoung Young Chung, Chang Young Lee
Department of Thoracic and Cardiovascular Surgery, Severance Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea
- 007 Long-term Clinical Outcome after Curative Resection of Small-cell Lung Cancer: A 20-year, Single Center Experience**
Tae Hee Hong, Sumin Shin, Jong Ho Cho, Hong Kwan Kim, Yong Soo Choi, Jae Ill Zo, Young Mog Shim, Jhingook Kim
Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
- 008 Extent of Ground Glass Opacity as a Prognostic Significance in Part-Solid Adenocarcinoma with Same Invasive Component Size**
Sung Joon Han, Jae Hyun Jeon, Woohyun Jung, Yong Won Seong, Sukki Cho, Kwahnmien Kim, Sanghoon Jheon
Department of Thoracic and Cardiovascular Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Gyeonggi-do, Republic of Korea
- 009 Low Requirement of Surgical Intervention in Postoperative Chylothorax after Pediatric Cardiac Surgery**
Han Ki Park, Young-Hwan Park, Yu Rim Shin
Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea
- 010 Current Status and Future Perspective of Heart Valve Surgery Registry in Korea**
Cheong Lim, Sak Lee, Seung Hyun Lee, Ho Young Hwang, Jae Woong Choi, Joon Bum Kim, Ho Jin Kim, Jae Seung Jung, Jae Suk Yoo, Jae Hyun Kim, Kiick Sung, Sam Se Oh, Hyung Gon Je, Byung-Chul Chang
on behalf of Steering Committee of Korean Heart Valve Surgery Registry
Department of Thoracic and Cardiovascular Surgery, (in order of ABC) Bundang Cha Hospital, Gangbuk Samsung Hospital, Gyeomyung University Dongsan Hospital, Korea University Hospital, Pusan National University Yangsan Hospital, Samsung Medical Center, Sejong General Hospital, Seoul Asan Medical Center, Seoul National University Hospital, Seoul National University Bundang Hospital, Yonsei Severance Hospital, Republic of Korea



011 Establishment of Experimental ECMO Model in the Rat

In Seok Jeong¹, Do Wan Kim¹, Eun Chong Kim¹, Seok Kim¹, Ju Sik Yun¹, Kyo Seon Lee¹, Yo Chun Chung¹, Byung Hee Ahn¹, Sang Yun Song¹, Kook Joo Na¹, Sang Gi Oh¹, Hwa Jin Cho²

Departments of ¹Thoracic and Cardiovascular Surgery, ²Pediatrics, Chonnam National University Hospital, Chonnam National University College of Medicine, Gwangju, Republic of Korea

012 Computational Analysis of Stroke Following Right Axillary Artery Cannulation in Ascending Aorta Aneurysm Repair

Tae-Hoon Kim¹, Hojin Ha², Suk-Won Song¹, Woon Heo¹, Shin-Young Lee¹, Kyung-Jong Yoo³, Bum-Koo Cho⁴

¹Department of Cardiovascular Surgery, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, ²Department of Mechanical and Biomedical Engineering, Kangwon National University, Gangwon-do, ³Department of Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea, ⁴The Korea Heart Foundation

12:30~13:30 Luncheon Seminar 1 좌장: 박계현

<메드트로닉 코리아>

1. Introduction of ESAR (EndoSuture Aneurysm Repair) with Heli-FX EndoAnchor

송석원(연세대학교 강남세브란스병원)

2. Decision Making between Open Repair and TEVAR in Thoracic Aortic Diseases

주현철(연세대학교 신촌세브란스병원)

3. The New Era of TEVAR – Valiant™ Navion™

Alessandro Marucchini, MD

(Medtronic Italy_Principal Medical Science Advisor, Global Aortic Medical Affairs, Italy)

13:30~14:30 Invited Lecture 좌장: 김기봉

Valve-sparing Aortic Root Replacement in the Current Era

Duke E. Cameron, MD (Massachusetts General Hospital, USA)

13:30~15:30 간행위원회 워크숍 Place: Walker Hall I

13:30~15:30 보험세션 Place: Grand Hall 2+3

14:30~15:00 Medtronic 연구공로상 강연 및 시상 좌장: 오테윤

Thank you to make me a Thoracic Surgeon!!!

나명훈(충남대학교병원)

15:00~15:30 회장강연 및 시상 좌장: 오테윤

회장: 김기봉(서울대학교병원)

15:30~16:00 Coffee Break



2018년 10월 25일(목)
장소: Vista Hall 1+2



17:30~18:30

메트로닉 발표상 (13~17연제)

좌장: 김옥성, 제형곤

013 The Fate of Unrepaired Bicuspid Aortic Valve Related Aortopathy

Wan Kee Kim, Sung Jun Park, Ho Jin Kim, Joon Bum Kim, Sung-Ho Jung, Suk Jung Choo, Cheol Hyun Chung, Jae Won Lee
Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea

014 Early Progression of Subaortic Pannus after Mechanical Aortic Valve Replacement: Risk Factor Analysis

Tae-Hoon Kim¹, Jung-Hun Shin¹, Jung-Hwan Kim¹, Seung-Hyun Lee¹, Sak Lee¹, Byung-Chul Chang²
¹Department of Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, ²Department of Cardiovascular Surgery, CHA Bundang Medical Center, CHA University College of Medicine, Gyeonggi-do, Republic of Korea

015 Long-Term Outcomes of Revascularization Using Bilateral Internal Thoracic Arteries: A Propensity Score Matching Analysis

Suk Ho Sohn, Yeiwon Lee, Jae Woong Choi, Ho Young Hwang, Ki-Bong Kim
Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea.

016 Optimal Treatment Strategy for Distal Arch Aneurysm of Zone 1 Pathology with Marginal Proximal Landing Zone Length

Shin-Young Lee¹, Suk-Won Song¹, Woon Heo¹, Tae-Hoon Kim¹, Kwang-Hun Lee², Kyung-Jong Yoo³
¹Department of Cardiovascular Surgery, ²Department of Interventional Radiology, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, ³Department of Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea

017 Mid-term Patency and Clinical Outcomes of Radial Artery versus Saphenous Vein as Composite Graft after Off-Pump Coronary Artery Bypass

Do Jung Kim, Hyun-Chel Joo, Seung Hyun Lee, Sak Lee, Kyung-Jong Yoo, Young-Nam Yoon
Division of Cardiovascular Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea

17:00~18:00

전체이사회

Place: Walker Hall II

18:30~20:00

Welcome Reception

Place: Walkerhill Theatre Lobby B1F Hotel



2018년 10월 25일(목)
장소: Grand Hall I



08:00~08:30

Meet the Expert

좌장: 김진국

정경영(연세대학교 세브란스병원)

08:30~09:30

폐암 II (18~22연제)

좌장: 박재길, 김진국

- 018 Acute Respiratory Distress Syndrome and Acute Lung Injury after Curative Surgical Resection for Lung Cancer**
Soo Hwan Choi, Yong Jin Jang, Kyung Soo Kim, Seok Whan Moon
Department of Thoracic and Cardiovascular Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, Republic of Korea
- 019 Surgical Treatment of Pulmonary Oligo-recurrence after Curative Resection for Lung Cancer**
Sung Joon Han, Woohyun Jung, Jae Hyun Jeon, Yong Won Seong, Sukki Cho, kwahnmien Kim, Sanghoon Jheon
Department of Thoracic and Cardiovascular Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea
- 020 Surgical Outcome of Pulmonary Resection of Recurred Hepatocellular Carcinoma in Liver Transplant Patients**
Yong Ho Jeong, Seung-Il Park, Yong-Hee Kim, Hyeong Ryul Kim, Sehoon Choi, Geun Dong Lee, Byung Kwon Chung, Young Woong Kim, Kang Hoon Lee, Dong Kwan Kim
Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
- 021 Fate of Patients with Microscopic Residual Disease after Sleeve Resection for Non-small Cell Lung Cancer**
Tae Hee Hong, Sumin Shin, Hong Kwan Kim, Yong Soo Choi, Jhingook Kim, Jae Ill Zo, Young Mog Shim, Jong Ho Cho
Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
- 022 Progress of Accompanying GGN beyond Pulmonary Resection for Non-small Cell Lung Cancer**
Kanghoon Lee, Seung-Il Park, Dong Kwan Kim, Yong-Hee Kim, Se Hoon Choi, Byung Kwon Chong, Young Woong Kim, Yong Ho Jeong, Hyeong Ryul Kim
Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea

09:30~10:00 *Coffee Break*

10:00~11:00

Opening Ceremony

Place: Vista Hall 1+2

1. 개회사 및 환영사
2. 축사
3. 50주년 기념 공로 감사패 수여
 - 손광현 교수
 - 조범구 이사장
 - 박영관 회장
4. 흉부외과 의료 봉사상 수여
 - 대상: 한국심장재단 조범구 이사장
 - 본상: 전태국 교수
5. 50주년 화보 헌정식
6. 50주년 기념 타임캡슐 제막식



11:00~12:30 자유연제 (6~12연제) 좌장: 전상훈, 윤정섭
Place: Vista Hall 1+2

12:30~13:30 Luncheon Seminar 1 좌장: 박계현
Place: Vista Hall 1+2

<메드트로닉 코리아>

1. Introduction of ESAR (EndoSuture Aneurysm Repair) with Heli-FX EndoAnchor
송석원(연세대학교 강남세브란스병원)
2. Decision Making between Open Repair and TEVAR in Thoracic Aortic Diseases
주현철(연세대학교 신촌세브란스병원)
3. The New Era of TEVAR – Valiant™ Navion™
Alessandro Marucchini, MD
(Medtronic Italy_Principal Medical Science Advisor, Global Aortic Medical Affairs, Italy)

13:30~14:30 Invited Lecture 좌장: 김기봉
Place: Vista Hall 1+2

Valve-sparing Aortic Root Replacement in the Current Era
Duke E. Cameron, MD (Massachusetts General Hospital, USA)

13:30~15:30 간행위원회 워크숍 Place: Walker Hall I

13:30~15:30 보험세션 Place: Grand Hall 2+3

14:30~15:00 Medtronic 연구공로상 강연 및 시상 좌장: 오탈윤
Place: Vista Hall 1+2

Thank you to make me a Thoracic Surgeon!!!
나명훈(충남대학교병원)

15:00~15:30 회장강연 및 시상 좌장: 오탈윤
Place: Vista Hall 1+2

회장: 김기봉(서울대학교병원)

15:30~16:00 Coffee Break



17:30~18:30

일반홍부 II (23~27연제)

좌장: 이응배, 박인규

- 023 Modified Shock Index as a Prognostic Value of Survival in Chest Trauma Patients**
Do Wan Kim¹, Eun Chong Kim¹, Seok Kim¹, Ju Sik Yun¹, Kyo Seon Lee¹, Yo Chun Chung¹, Byung Hee Ahn¹, Sang Yun Song¹, Kook Joo Na¹, Sang Gi Oh¹, Su Hyang Lee², In Seok Jeong¹
¹Department of Thoracic and Cardiovascular Surgery, Chonnam National University Hospital, Chonnam National University College of Medicine, Gwangju, ²Trauma Center, Chonnam National University Hospital, Gwangju, Republic of Korea
- 024 Two Ports Robotic Pulmonary Resection with Three Robotic Arms: Comparison to Three Ports with Three Arms Technique**
Hyun Koo Kim, Kook Nam Han, Young Ho Choi
Department of Thoracic and Cardiovascular Surgery, Korea University Guro Hospital, Korea University College of Medicine, Seoul, Republic of Korea
- 025 Feasibility, Safety, and Early Oncologic Outcome of Robot-Assisted Esophagectomy in Patients with Locally Advanced Esophageal Cancer after Neoadjuvant Chemoradiation Therapy: An Institutional Experience**
Jae Kwang Yun¹, Byung Kwon Chong¹, In-Seob Lee², Chung-Sik Gong², Bum Soo Kim², Hyeong Ryul Kim¹, Dong Kwan Kim¹, Seung Il Park¹, Yong-Hee Kim¹
Departments of ¹Thoracic and Cardiovascular Surgery, ²Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
- 026 The Efficacy of Surgical Navigation System Providing Real Time Imaging for Chest Wall Pseudotumor Model in Pigs**
Chang Young Lee¹, Harley Chan³, Hideki Ujii², Alexander Gregor², Tomonari Kinoshita², Terunaga Inage², Kazuhiro Yasufuku²
¹Department of Thoracic and Cardiovascular Surgery, Severance Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea, ²Division of Thoracic Surgery, Toronto General Hospital, University Health Network, Toronto, Ontario, Republic of Canada, ³Princess Margaret Cancer Centre and Guided Therapeutics Program-TECHNA Institute, University Health Network, Toronto, Ontario, Republic of Canada
- 027 Esophagogastric Anastomosis with Linear Stapler Reduces Anastomosis Stricture after Esophagectomy**
Jae Won Song, Samina Park, In Kyu Park, Young Tae Kim, Chang Hyun Kang
Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea

17:00~18:00

전체이사회

Place: Walker Hall II

18:30~20:00

Welcome Reception

Place: Walkerhill Theatre Lobby B1F Hotel



13:30~15:40 **보험세션: 보험정책 및 흉부외과 보건통계**
좌장: 강경훈(국민건강보험 일산병원), 문석환(가톨릭대학교 서울성모병원)

- 13:30~13:45 2017 심혈관 질환관련 보험위 활동 정재승(고려대학교 안암병원)
- 13:45~14:15 세계 및 한국 보건통계의 이해 김석일(가톨릭대학교 예방의학교실/환자분류연구단 단장)
- 14:15~14:45 3차 상대가치 개편 방향 신영석(보건사회연구원 책임연구원)
- 14:45~15:00 관상동맥질환의 진료통계 임상현(아주대학교병원)
- 15:00~15:15 선천성 심장질환 진료 통계 곽재건(서울대학교병원)
- 15:15~15:30 일반흉부질환 및 폐암 진료통계 이해원(원자력병원)
- 15:30~15:40 종합질의



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17:30~18:30 일반홍부 III (33~37연제) 좌장: 김용희, 강민웅

- 033 **Better Patient-selection for Smooth Non-intubated Thoracoscopic Surgery: From a Perspective of Airflow Limitation**
Kwanyong Hyun, Sook Whan Sung, Soowhan Choi, Youngkyu Moon
 Department of Thoracic and Cardiovascular Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, Republic of Korea

- 034 **New Concept in Repair of Pectus Excavatum: The Column-Roof Principle**
Mi-Hyoung Moon, Kwan Yong Hyun, Soo Whan Choi, Seha Ahn, Hyo Chan An, Hyung Joo Park
 Department of Thoracic and Cardiovascular Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, Republic of Korea

- 035 **Comparison Between Lung Perfusion Scan And SPECT/CT for Predicting Postoperative Lung Function After Pulmonary Resection In Patients with Marginal Lung Function**
Kwon Joong Na, Samina Park, Jae Won Song, Hyun Joo Lee, In Kyu Park, Chang Hyun Kang, Young Tae Kim
 Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea

- 036 **Relative Humidity and Carbon Monoxide are Associated with Pneumothorax Occurrence: A Case-Crossover Study in an Inland Province with 800,000 Population**
Dohun Kim¹, Yong Dae Kim², Sang Yong Eum², Chang Sub Shin³
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Preventive Medicine, ³Department of Forestscience, Chungbuk National University Hospital, Chungbuk National University College of Medicine, Chungcheongbuk-do, Republic of Korea

- 037 **Fibrin Glue Application under Pleurography for Intractable Secondary Spontaneous Pneumothorax**
Hyo Yeong Ahn, Jeong Su Cho, Hoseok I, Yeong Dae Kim
 Department of Thoracic and Cardiovascular Surgery, Pusan National University Hospital, Pusan National University College of Medicine, Busan, Republic of Korea

17:00~18:00 전체이사회 Place: Walker Hall II

18:30~20:00 Welcome Reception Place: Walkerhill Theatre Lobby B1F Hotel



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08:00~08:30 Meet the Expert **좌장: 김응한**

성시찬(양산부산대학교병원)

08:30~09:30 선천성심장질환 I (38~41연제) **좌장: 성시찬, 김응한**

- 038 Surgical Treatment of Neonatal Symptomatic Tetralogy of Fallot**
Bo Bae Jeon, Eun Seok Choi, Bo Sang Kwon, Chun Soo Park, Tae-jin Yun
 Division of Pediatric Cardiac Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
 지정토론: 조성규(세종병원)
- 039 Long-term Outcomes of Pulmonary Valve Replacement in 190 Patients with Repaired Tetralogy of Fallot**
Cheul Lee¹, Eun Seok Choi², Chang-Ha Lee³
¹Department of Thoracic and Cardiovascular Surgery, ²Division of Pediatric Cardiac Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, ³Department of Thoracic and Cardiovascular Surgery, Sejong General Hospital, Gyeonggi-do, Republic of Korea
- 040 Valve Replacement in Pulmonary Position: Which Option is the Best?**
Chun Soo Park, Eun Seok Choi, Bo Sang Kwon, Tae-jin Yun
 Division of Pediatric Cardiac Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
 지정토론: 김형태(양산부산대학교병원)
- 041 Tricuspid Valve Repair at Pulmonary Valve Replacement in Repaired Tetralogy of Fallot**
Jooncheol Min¹, Jae Gun Kwak¹, Sungkyu Cho², Eung Re Kim², Jae Hong Lim¹, Chang-Ha Lee², Woong-Han Kim¹, Yong Jin Kim²
¹Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, ²Department of Cardiovascular Surgery, Sejong General Hospital, Gyeonggi-do, Republic of Korea

09:30~10:00 Coffee Break

10:00~11:00 Opening Ceremony **Place: Vista Hall 1+2**

1. 개회사 및 환영사
2. 축사
3. 50주년 기념 공로 감사패 수여
 - 손광현 교수
 - 조범구 이사장
 - 박영관 회장
4. 흉부외과 의료 봉사상 수여
 - 대상: 한국심장재단 조범구 이사장
 - 본상: 전태국 교수
5. 50주년 화보 헌정식
6. 50주년 기념 타임캡슐 제막식



11:00~12:30 자유연제 (6~12연제) 좌장: 전상훈, 윤정섭
Place: Vista Hall 1+2

12:30~13:30 Luncheon Seminar 1 좌장: 박계현
Place: Vista Hall 1+2

<메드트로닉 코리아>

1. Introduction of ESAR (EndoSuture Aneurysm Repair) with Heli-FX EndoAnchor
송석원(연세대학교 강남세브란스병원)
2. Decision Making between Open Repair and TEVAR in Thoracic Aortic Diseases
주현철(연세대학교 신촌세브란스병원)
3. The New Era of TEVAR – Valiant™ Navion™
Alessandro Marucchini, MD
(Medtronic Italy_Principal Medical Science Advisor, Global Aortic Medical Affairs, Italy)

13:30~14:30 Invited Lecture 좌장: 김기봉
Place: Vista Hall 1+2

Valve-sparing Aortic Root Replacement in the Current Era
Duke E. Cameron, MD (Massachusetts General Hospital, USA)

14:30~15:00 Medtronic 연구공로상 강연 및 시상 좌장: 오탈윤
Place: Vista Hall 1+2

Thank you to make me a Thoracic Surgeon!!!
나명훈(충남대학교병원)

15:00~15:30 회장강연 및 시상 좌장: 오탈윤
Place: Vista Hall 1+2

회장: 김기봉(서울대학교병원)

15:30~16:00 Coffee Break

13:30~15:30 간행위원회 워크숍

13:30~15:30 보험세션 Place: Grand Hall 2+3

15:30~16:00 Coffee Break

16:00~17:30 Dr. Cameron 특강 좌장: 조범구

Birth and Evolution of the Blalock-Taussig-Thomas Shunt
Duke E. Cameron, MD (Massachusetts General Hospital, USA)



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16:00~17:30 메드트로닉 발표상 (42~46연제) 좌장: 유재현, 이 철

- 042 **Contemporary Results of Surgical Repair of Isolated Perimembranous Ventricular Septal Defect**
Jiyoung Park, Suryeun Chung, Ji-Hyuk Yang, Tae-Gook Jun, Pyo Won Park
 Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

- 043 **Long-term Result of Atrioventricular Valve Surgery in Patients with Functional Single-ventricle : Should we Avoid Valve Replacement?**
Jae Hong Lim, Jooncheol Min, Jae Gun Kwak, Jae Woong Choi, Woong-Han Kim
 Department of Thoracic and Cardiovascular surgery, Seoul National University Children's Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea

- 044 **Mechanical Circulatory Support as a Bridge to Heart Transplantation in Children**
Jeonghee Yun, Yang Hyun Cho, Kiick Sung, Tea-Gook Jun, Pyo Won Park, Ji-Hyuk Yang
 Departments of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

- 045 **Primary Sutureless Repair of Total Anomalous Pulmonary Venous Connection using Biatrilar Incision: Suture-and-open Technique**
Kwang Ho Choi¹, Hyungtae Kim¹, Si Chan Sung¹, Hyoung Doo Lee², Geena Kim², Hoon Ko², Joung Hee Byun²
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Pediatrics, Pusan National University Yangsan Hospital, Pusan National University College of Medicine, Gyeongsangnam-do, Republic of Korea

- 046 **Surgical Strategies for Neonates and Young Infants with Pulmonary Atresia and Ventricular Septal Defect: Staged Repair vs. Primary Repair**
Seung Ri Kang, Eun Seok Choi, Bo Sang Kwon, Chun Soo Park, Tae Jin Yun
 Department of Pediatric Cardiac Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea.

17:00~18:00 전체이사회 Place: Walker Hall II

18:30~20:00 Welcome Reception Place: Walkerhill Theatre Lobby B1F Hotel



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08:00~08:30 Satellite Session

- 08:00~08:10 Introduction of Korean Heart Valve Registry
Cheong Lim, MD (Seoul National University Bundang Hospital)
- 08:10~08:20 Introduction of Japanese Database for Cardiothoracic Surgery
Dr. Noboru Motomura, MD
(Toho University, Faculty of Medicine, Sakura Medical Center University of Tokyo, Japan)
- 08:20~08:30 Round Table Discussion
All the Participants

08:30~09:30 폐암 III (28~32연제) 좌장: 김관민, 조덕곤

- 028 Long-term Outcomes after Surgical Treatment for Sub-Solid Nodules less than 3 cm: A Single-Institution Experience
Duk Hwan Moon, Sungsoo Lee
Department of Thoracic and Cardiovascular Surgery, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea
- 029 Comparison of Surgical Outcomes of Segmentectomy and Lobectomy in Lobectomy-Tolerable Patients with Stage IA Lung Adenocarcinoma
Kwanghyoung Lee, Yong Soo Choi, Sumin Shin, Jong Ho Cho, Hong Kwan Kim, Jhingook Kim, Jae Ill Zo, Young Mok Shim
Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
- 030 Long-term Survival beyond Five Years after VATS Lobectomy for Non-small Cell Lung Cancer
Samina Park, Jaewon Song, Kwon Joong Na, Hyun Joo Lee, In Kyu Park, Young Tae Kim, Chang Hyun Kang
Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea
- 031 Neutrophil-to-Lymphocyte Ratio Difference is a Prognostic Factor for Completely Surgically Resected Primary Pulmonary Sarcomatoid Carcinoma
Yong Won Seong, Sung Joon Han, Woo Hyun Jung, Jae Hyun Jeon, Sukki Cho, Sanghoon Jheon, Kwahnmien Kim
Department of Thoracic and Cardiovascular Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Gyeonggi-do, Republic of Korea
- 032 Surgical Outcome and Prognosis of Non-small-cell Lung Cancer in Patients with Chronic Lung Disease Conditions
Soo Hwan Choi, Sook Whan Sung, Jae Kil Park
Department of Thoracic and Cardiovascular Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, Republic of Korea

09:30~10:00 Coffee Break

10:00~11:00 Opening Ceremony Place: Vista Hall 1+2

11:00~12:30 자유연제 (6~12연제) 좌장: 전상훈, 윤정섭 Place: Vista Hall 1+2



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12:30~13:30 Luncheon Seminar 1 **좌장: 박계현**
Place: Vista Hall 1+2

<메드트로닉 코리아>

1. Introduction of ESAR (EndoSuture Aneurysm Repair) with Heli-FX EndoAnchor
송석원(연세대학교 강남세브란스병원)
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주현철(연세대학교 신촌세브란스병원)
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Alessandro Marucchini, MD
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13:30~14:30 Invited Lecture **좌장: 김기봉**
Place: Vista Hall 1+2

Valve-sparing Aortic Root Replacement in the Current Era
Duke E. Cameron, MD (Massachusetts General Hospital, USA)

14:30~15:00 Medtronic 연구공로상 강연 및 시상 **좌장: 오탉윤**
Place: Vista Hall 1+2

Thank you to make me a Thoracic Surgeon!!!
나명훈(충남대학교병원)

15:00~15:30 회장강연 및 시상 **좌장: 오탉윤**
Place: Vista Hall 1+2

회장: 김기봉(서울대학교병원)

15:30~16:00 *Coffee Break*

14:30~15:30 심장재활 **좌장: 심성보(가톨릭대학교)**

15:30~16:00 *Coffee Break*

17:00~18:00 전체이사회

18:30~20:00 Welcome Reception **Place: Walkerhill Theatre Lobby B1F Hotel**



08:00~09:00 체외순환보조 (47~51연제) 좌장: 김형수, 정재승

- 047 Left Ventricular Assist Device for Elderly Patients: 6-year Experience of Single Center**
Yang Hyun Cho, Suryeun Chung, Dong Seop Jeong, Kiick Sung, Wook Sung Kim, Young Tak Lee, Pyo Won Park
 Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
- 048 Single-Center Experience of Extracorporeal Membrane Oxygenation Mainly Anticoagulated with Nafamostat Mesilate**
Woosik Han, Jin San Bok, Hyun Jin Cho, Shinkwang Kang, Jae Hyeon Yu, Myung Hoon Na, Min Woong Kang
 Department of Thoracic and Cardiovascular Surgery, Chungnam National University Hospital, Chungnam National University College of Medicine, Daejeon, Republic of Korea
 지정토론: 김형수(한림대 평촌성심병원)
- 049 Hemodynamic Impacts of IABP on Venous-Arterial ECMO in Porcine Heart Failure Model**
Jun Sung Kim¹, Seongsik Park², Hyong Woo Chang¹, Dong Jung Kim¹, Cheong Lim¹, Kay-Hyun Park¹, Kyung-Hwan Kim³
¹Department of Thoracic and Cardiovascular Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Gyeonggi-do, ²Department of Thoracic and Cardiovascular Surgery, Myongji Hospital, Gyeonggi-do, ³Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea
- 050 Extracorporeal Membrane Oxygenation Insertion Via Peripheral Vessels without Endotracheal Intubation**
Young Su Kim, Ji-Hyuk Yang, Kiick Sung, Pyo Won Park, Young Tak Lee, Tae-Gook Jun, Wook Sung Kim,
 Dong Seop Jeong, Suryeun Chung, Yang Hyun Cho
 Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
- 051 How Small Size Catheter is Enough for Left Atrial Venting During Extracorporeal Membrane Oxygenation?**
Hong Ju Shin¹, Sua Kim², Jae Seung Shin¹
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Critical Care Medicine, Korea University Ansan Hospital, Korea University College of Medicine, Gyeonggi-do, Republic of Korea
 지정토론: 조양현(삼성서울병원)

09:00~10:00 대동맥 I (52~56연제) 좌장: 박계현, 주석중

- 052 Prediction Model Estimating False Lumen Thrombosis after Thoracic Endovascular Aortic Repair in Chronic DeBakey IIIb Dissection**
Tae-Hoon Kim¹, Suk-Won Song¹, Woon Heo¹, Shin-Young Lee¹, Kyung-Jong Yoo², Bum-Koo Cho³
¹Department of Cardiovascular Surgery, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, ²Department of Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea, ³The Korea Heart Foundation
 지정토론: 주석중(서울아산병원)
- 053 Outcomes of Cardiovascular Surgery in Loays-Dietz Syndrome According Gene Analysis**
Suryeun Chung¹, Yang Hyun Cho¹, Pyo won Park¹, Duk-Kyung Kim², Kiick Sung¹
¹Department of Thoracic and Cardiovascular Surgery, ²Division of Cardiology, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
- 054 The Impact of Re-entry Tear on Proximal Descending Aorta after Open Repair of Non-Syndromic Acute Type I Aortic Dissection**
Jung-Hwan Kim, Seung Hyun Lee, Sak Lee, Young-Nam Youn, Kyung-Jong Yoo, Hyun-Chel Joo
 Division of Cardiovascular Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea



055 Incidence of Spinal Cord Ischemia According to the Patency of Reimplanted Segmental Arteries during Thoracoabdominal Aortic Replacement

Jae Hang Lee, Hakju Kim, Hyoung Woo Chang, Dong Jung Kim, Jun Sung Kim, Cheong Lim, Kay-Hyun Park
Department of Thoracic and Cardiovascular Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Gyeonggi-do, Republic of Korea

056 The Fate of Residual Aortic Regurgitation after Ascending Aorta Replacement in Patients with Type A Aortic Dissection

Do Jung Kim¹, Seung Hyun Lee¹, Sak Lee¹, Young-Nam Youn¹, Byung-Chul Chang², Kyung-Jong Yoo¹, and Hyun-Chel Joo¹
¹Division of Cardiovascular Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, ²Department of Thoracic and Cardiovascular Surgery, CHA Bundang Medical Center, CHA University College of Medicine, Gyeonggi-do, Republic of Korea

10:00~10:30 Coffee Break

10:30~11:30 의료분쟁 사안 특례법 제정을 위한 전문가 초청 특별 패널 토의 좌장: 김동원(동남권원자력의학원)

10:30~10:50 최근 흉부외과 관련 판결 사례

이성수(연세대학교 강남세브란스병원)

10:50~11:10 패널 토의

김길원 기자(연합뉴스)
박복환 변호사(법무법인 샘)
안상호 회장(한국선천성심장병 한우회)
문병주 교수(Southlake Regional Health Center)

11:10~11:30 제언 및 질의 답변

11:30~12:30 총회 및 시상식

1. 우수활동위원 포상
2. 회무보고
3. 재무보고
4. 감사보고
5. 안건심의
6. 임원 인준

12:30~13:30 Luncheon Seminar 2

좌장: 이재원

<에드워즈라이프 사이언시스 코리아>
Is there a Role for INTUITY (Rapid Deployment System) in Current TAVI Era?

주석중(서울아산병원)

15:00~15:30 Coffee Break



15:30~17:00

관상동맥 (57~63연제)

좌장: 조광리, 윤영남

- 057 **Coronary Artery Size as a Predictor of Internal Mammary Y-Graft Patency Following Coronary Artery Bypass Surgery**
Danang Limanto, Hakju Kim, Hyoung Woo Chang, Jae Hang Lee, Dong Jung Kim, Jun Sung Kim, Cheong Lim, Kay-Hyun Park
 Department of Thoracic and Cardiovascular Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Gyeonggi-do, Republic of Korea
- 058 **Long Term Patency of Radial Artery Graft Anastomosed Directly to Ascending Aorta**
 Hyun Song, Joonkyu Kang, Seung Keun Yoon
 Department of Thoracic and Cardiovascular Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, Republic of Korea
- 059 **The Patency of Sequential Saphenous Vein Grafts after Off-pump Coronary Artery Bypass Grafting**
Jung-Hwan Kim, Seung Hyun Lee, Hyun-Chel Joo, Kyung-Jong Yoo, Young-Nam Youn
 Division of Cardiovascular Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Korea
- 060 **Equivalency of Saphenous Vein and Arterial Composite Grafts; 10-Year Angiography and Long-Term Clinical Outcomes**
Ho Young Hwang, Yeiwon Lee, Suk Ho Sohn, Jae Woong Choi, Ki-Bong Kim
 Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea
- 061 **Does the Type of Reasons for Incomplete Revascularization Affect Late Outcomes After Off-Pump Coronary Artery Bypass Surgery?**
Hyo-Hyun Kim, Jung-Hwan Kim, Seung Hyun Lee, Hyun-Chel Joo, Kyung-Jong Yoo, Young-Nam Youn
 Division of Cardiovascular Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea
 지정토론: 김옥성(삼성서울병원)
- 062 **Echocardiographic Parameter to Predict LV Systolic Functional Improvement after OPCAB for Severe LV Dysfunction**
Sang Yoon Yeom, Heemoon Lee, Hee Jung Kim, Jae Suk Yoo, Dong Jin Kim, Kwang Ree Cho
 Department of Thoracic and Cardiovascular Surgery, Sejong General Hospital, Gyeonggi-do, Republic of Korea
- 063 **Surgical Repair of Ventricular Septal Defect after Myocardial Infarction**
Ha Eun Kim, Hyo-Hyun Kim, Do-Jung Kim, Hyun-Chel Joo, Seung-Hyun Lee, Sak Lee, Kyung-Jong Yoo, Young-Nam Youn
 Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea

17:00~17:30

시상식 및 행운상 추첨

1. 학술상 시상

- Dr. Lillehei Merit Award
- Ethicon Medical Award
- 이영균 우수논문상
- 한국심장재단 우수논문상
- 일동 학술상

2. 행운상 추첨

18:00~21:00

Gala Dinner

Place: Walkerhill Theatre B1F Hotel



08:00~09:00 **폐암 I (64~68연제)** **좌장: 김영태, 김영대**

- 064 Long-term Outcomes of Surgically Resected PET-N0 Unsuspected Pathologic N2 Lung Adenocarcinoma: Prognostic Value of Primary Tumor FDG Uptake and Number of Positive Lymph Node Stations**
Byung Jo Park, Sumin Shin, Jong Ho Cho, Hong Kwan Kim, Yong Soo Choi, Jae Ill Zo, Young Mog Shim, Jhingook Kim
Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
- 065 Validation of the Revision of N Descriptors Proposed by International Association for the Study of Lung Cancer in Surgically Resected Patients with Non-small-cell Lung Cancer: Which is Better Based on Lymph Node Station or Zone?**
Jae Kwang Yun, Sehoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Dong Kwan Kim, Seung-II Park, Geun Dong Lee
Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
- 066 Pretreatment Risk Factors for Postoperative Pulmonary Complication (PPCs) after Neoadjuvant Concurrent Chemoradiotherapy for Non-small Cell Lung Cancer**
Woo Sik Yu, Jee Won Suh, Seung Hwan Song, Chang Young Lee, Jin Gu Lee, Dae Joon Kim, Hyo Chae Paik, Kyung Young Chung, Seong Yong Park
Department of Thoracic and Cardiovascular Surgery, Severance Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea
- 067 Impact of Previous Percutaneous Coronary Intervention on the Post-operative and Cardiovascular Outcomes after Lung Cancer Surgery**
Dong Woog Yoon¹, Junghee Lee², Jong Ho Cho², Dong Wook Shin^{3,4}, Kyungdo Han⁵, Sang Hyun Park⁵
¹Department of Cardio-thoracic Surgery, Armed Forces Capital Hospital, Gyeonggi-do, ²Department of thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, ³Supportive Care Center, Department of Family Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, ⁴Department of Digital Health, SAIHST, Sungkyunkwan University School of Medicine, Seoul, ⁵Department of Medical Statistics, The Catholic University College of Medicine, Seoul, Republic of Korea
- 068 Prognostic Role of Circulating Tumor Cells in Combination of Peripheral Blood, Pulmonary Vein, and Bone Marrow in Resectable Non-small Cell Lung Cancer**
Sukki Cho, Sungwon Yum
Department of Thoracic and Cardiovascular Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Gyeonggi-do, Republic of Korea

09:00~10:00 **ITMIG I - KART Session (3 Presentation)** **Chair: Dong Kwan Kim, Sang-hoon Jheon**

- 09:00~09:20 Impact of Lymph Node Dissection on Thymic Malignancy: The Korean Association for Research on the Thymus (KART) Database Study**
Yoo-hwa Hwang (SMG-SNU Boramae Medical Center, Korea)
- 09:20~09:40 Minimally Invasive Surgery of Thymic Tumors**
Geun Dong Lee (Asan Medical Center, Korea)
- 09:40~10:00 Technical Advances of Radiotherapy for Thymic Epithelial Tumors**
Jae Myoung Noh (Samsung Medical Center, Korea)

10:00~10:30 *Coffee Break*



10:30~11:00 ITMIG Database

11:00~12:30 ITMIG II - Imaging (4 Presentations) Chair: Edith Marom, Soon Ho Yoon

- 11:00~11:20 Approach to Prevascular Mass
Nori Tomiyama (Osaka University, Japan)
- 11:20~11:35 Clinical TNM Staging of Thymic Epithelial Malignancies
Jeanne Ackman (Harvard Medical School, USA)
- 11:35~12:00 Determining Extent of Invasion and Follow-Up of Thymic Epithelial Malignancies
Marcelo Benveniste (The University of Texas MD Anderson Cancer Center, USA)
- 12:00~12:20 Management of the Incidentally Detected Prevascular Mass
Soon Ho Yoon (Seoul National University Hospital, Korea)
- 12:20~12:30 Imaging Panel Questions and Answers
Edith Marom, Nori Tomiyama, Jeanne Ackman, Marcelo Benveniste, Soon Ho Yoon

11:30~12:30 총회 및 시상식 Place: Vista Hall 1+2

1. 우수활동위원 포상
2. 회무보고
3. 재무보고
4. 감사보고
5. 안건심의
6. 임원 인준

12:30~13:30 Luncheon Seminar 3 좌장: 김동관

<메드트로닉 코리아>
Management of Intraoperative Bleeding during VATS

김홍관(삼성서울병원)



2018년 10월 26일(금)
장소: Grand Hall I+2+3



13:30~15:00 ITMIG III - Abstract Session Chair: Kook Joo Na, Alan Kirk

- 13:30~13:40 Tumor Size as a Prognostic Factor in Limited Stage Thymic Epithelial Tumors: A Multicenter Analysis
Jae Kwang Yun (Asan Medical Center, Ulsan University College of Medicine, Korea)
- 13:40~13:50 Modified Subxiphoid Thoracoscopic versus Unilateral Thoracoscopic Approach for Early-stage Thymomas without MG
Jianyong Ding (Zhongshan Hospital, Fudan University, China)
- 13:50~14:00 Compare Two Assessment Criteria for Thymic Epithelial Tumors after Chemoradiotherapy
Xingwen Fan (Fudan University Shanghai Cancer Center, China)
- 14:00~14:10 Predictors of Occult Pleural Dissemination Detected Intraoperatively in Patients with Thymic Tumors
Weigang Zhao (Shanghai Jiao Tong University Affiliated Sixth People's Hospital, China)
- 14:10~14:20 Prognostic Factor of T3N0M0 Thymic Epithelial Tumor with Complete Resection
Yi-Ting Yen (National Cheng Kung University Hospital, Taiwan)
- 14:20~14:30 Incidence and Pathological Features of Thymomatous Myasthenia Gravis after Thymectomy at a Tertiary-level Center
Arthur Vieira (Vancouver, Canada)
- 14:30~14:40 CD70 in Thymic Carcinoma: A Promising Diagnostic Marker
Jumpei Kashima (Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital, Japan)
- 14:40~14:50 Thymic Carcinoma: Preliminary Data of Next Generation Sequencing (NGS) Analysis
Mirella Marino (IRCCS - Regina Elena National Cancer Institute, Italy)
- 14:50~15:00 Gene Expression Profile Reveals New Biomarker for Novel Diagnosis and Therapy in Thymic and Pulmonary Carcinomas
Djeda Belharazem (University of Medicine Mannheim, Germany)

15:00~15:30 *Coffee Break*

15:30~17:00 ITMIG IV - Surgery (7 Presentations) Chair: Frank Detterbeck, Alper Toker

- 15:30~15:45 Potential Red Flags for VATS and for RATS Thymectomy
Alper Toker (Istanbul Medical School CAPA, Turkey)
- 15:45~16:00 Panel Discussion and Summary
Wentao Fang, Josh Sonett, Alper Toker, Marcin Zielinski



2018년 10월 26일(금)
 장소: Grand Hall 1+2+3



Developing a MIS Program for Invasive Tumors

- 16:00~16:10 Is there a Threshold for Getting Over the Learning Curve for MIS for TET?
 Josh Sonett (Columbia University, USA)
- 16:10~16:20 Initiating a MIS TET Program: Case Selection, Simulation, Proctorship
 Franca Melfi (University Hospital of Pisa, Italy)
- 16:20~16:30 Using CUSUM Monitoring of a New Program
 Nuria Novoa (University Hospital of Salamanca, Spain)
- 16:30~16:45 Panel Discussion on Training
 Josh Sonett, Franca Melfi, Nuria Novoa, A Kirk, Yong Soo Choi

Node Dissection in an Era of Minimally Invasive Resection: Is it important?

- 16:45~16:55 What Extent of Node Sampling or Dissection is Appropriate?
 In Kyu Park (Seoul National University Hospital, Korea)
- 16:55~17:05 Difficulties in Node Assessment with MIS and Potential Solutions
 Takashi Suda (Fujita Health University, Japan)
- 17:05~17:15 Extent of Node Assessment and 9th Edition Refinement of TNM Stage Classification
 Enrico Ruffini (University of Torino, Italy)
- 17:15~17:30 Panel Discussion
 In Kyu Park, Takashi Suda, Enrico Ruffini, Chang Yung Lee, Yoo Hwa Hwang, Meinoshin Okumura

17:00~17:30 시상식 및 행운상 추첨 Place: Vista Hall 1+2

1. 학술상 시상
 - Dr. Lillehei Merit Award
 - Ethicon Medical Award
 - 이영균 우수논문상
 - 한국심장재단 우수논문상
 - 일동 학술상
2. 행운상 추첨

18:00~21:00 Gala Dinner Place: Walkerhill Theatre B1F Hotel



- 069 Low rate of Heart Transplantation in Fulminant Myocarditis Patients Treated with Extracorporeal Membrane Oxygenation and Prompt Left Heart Unloading**
Yu Rim Shin, Young-Hwan Park, Han Ki Park
 Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea
 지정토론: 정인석(전남대학교병원)
- 070 Impact of Pre-transplant Extra-Corporeal Membrane Oxygenator (ECMO) Support on Clinical Outcomes of Pediatric Heart Transplantation**
WonKyung Pyo, Eun Seok Choi, Bo Sang Kwon, Chun Soo Park, Tae-Jin Yun
 Department of Pediatric Cardiac Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
- 071 Experience with Centrifugal Pump-Based Bi-Ventricular Assist Device for Pediatric Heart Failure Patients**
Jae Hong Lim, Jooncheol Min, Woong-Han Kim, Jae Gun Kwak
 Department of Thoracic and Cardiovascular surgery, Seoul National University Children's Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea
- 072 Beginning of Pediatric Ventricular Assist Treatment in Korea**
Yu Rim Shin, Han Ki Park, Young-Hwan Park
 Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea
- 073 Risk Stratification for Pediatric Dilated Cardiomyopathy: Predictors Acute Clinical Aggravation Necessitating Early Registration for Heart Transplantation**
Dong-Hee Kim¹, Eun Seok Choi¹, Bo Sang Kwon¹, Chun Soo Park¹, Jae Suk Baek², Jeong Jin Yu², Young-Hwue Kim², Jae-Kon Ko², Tae-Jin Yun¹
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Pediatrics, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
 지정토론: 장우성(계명대학교 동산의료원)



09:00~10:00 선천성심장질환 III (74~77연제) 좌장: 김용진, 박영환

074 Outcomes of Surgical Repair of Aortic Coarctation in Adolescents and Adults

Sungkyu Cho, Chang-Ha Lee, Eung Re Kim, Yong Jin Kim
Department of Thoracic and Cardiovascular Surgery, Sejong General Hospital, Gyeonggi-do, Republic of Korea
지정토론: 신유림(연세대학교 심장혈관병원)

075 Posterior Aortopexy for Compression of Left Pulmonary Vein between the Left Atrium and the Descending Aorta

Hyungtae Kim¹, Kwang Ho Choi¹, Si Chan Sung¹, Hyoung Doo Lee², Geena Kim², Hoon Ko², jung Hee Byun²
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Pediatrics, Pusan National University Yangsan Hospital, Pusan National University College of Medicine, Gyeongsangnam-do, Republic of Korea

076 Surgical Ligation on Hemodynamically Significant Patent Ductus Arteriosus in Very Low Birth Weight Infants: 2nd Report

Jun Ho Lee¹, Hyun Ju Lee², Hyun-Kyung Park², Hee Sun Kim², Young Moon Kim¹, Hyo Jun Jang¹, Sun Kyun Ro³, Hyuck Kim¹
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Pediatrics, Hanyang University Medical Center, Hanyang University College of Medicine, Seoul, ³Department of Thoracic and Cardiovascular Surgery, Hanyang University Guri Hospital, Hanyang University College of Medicine, Gyeonggi-do, Republic of Korea
지정토론: 이영옥(경북대학교병원)

077 Impact of Prenatal Diagnosis on Surgical Outcome after Neonatal Open Heart Surgery

Won Young Lee, Tae-Jin Yun, Chun Soo Park, Eun Suk Choi, Bo Sang Kwon
Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea

10:00~10:30 Coffee Break

12:30~13:30 Luncheon Seminar 4 좌장: 조덕곤

<GC 녹십자>

Application of an Absorbable Tissue Reinforcement, Neoveil Sheet™ for Thoracic Surgery

Yoshimasa Maniwa, MD, PhD (Kobe University Graduate School of Medicine, Japan)

15:00~15:30 Coffee Break



15:30~17:00 선천성심장질환 IV (78~82연제) 좌장: 이창하, 양지혁

- 078 **Recent Surgical Outcomes of Congenital Heart Disease According to Korea Heart Foundation Data**
 Hong Ju Shin¹, Young Hwan Park², Bum-Koo Cho³
¹Department of Thoracic and Cardiovascular Surgery, Korea University Ansan Hospital, Korea University College of Medicine, Gyeonggi-do, ²Department of Thoracic and Cardiovascular Surgery, Severance Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea, ³The Korea Heart Foundation
- 079 **Relation between Drainage Duration and Pericardial Effusion after Congenital Cardiac Surgery**
 Young Eun Kim, Hanna Jung, Joon Yong Cho, Young Ok Lee
 Department of Thoracic and Cardiovascular Surgery, Kyungpook National University Hospital, Kyungpook National University College of Medicine, Daegu, Republic of Korea
- 080 **Impact of Gestational age on Surgical Outcomes in Patients with Functionally Single Ventricle**
 Won Young Lee, Tae-Jin Yun, Chun Soo Park, Eun Suk Choi, Bo Sang Kwon
 Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
- 081 **Long Term Results After One and a Half Ventricle Repair in Various Situation**
 Joo Yeon Kim, Ji-Hyuk Yang, Tae-Gook Jun, Pyo Won Park
 Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
 지정토론: 박천수(울산대학교 서울아산병원)
- 082 **The Effect of Maintenance of Antegrade Pulmonary Blood Flow during Bidirectional Glenn upon Pre- and Post-Fontan Outcomes**
 Chun Soo Park¹, Eun Seok Choi¹, Bo Sang Kwon¹, Tae-Jin Yun¹, Jae Suk Baek², Jeong Jin Yu², Young-Hwue Kim², Jae Kon Ko²
¹Division of Pediatric Cardiac Surgery, ²Division of Pediatric Cardiology, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
 지정토론: 곽재건(서울대학교병원)

17:00~17:30 시상식 및 행운상 추첨 Place: Vista Hall 1+2

1. 학술상 시상
 - Dr. Lillehei Merit Award
 - Ethicon Medical Award
 - 이영균 우수논문상
 - 한국심장재단 우수논문상
 - 일동 학술상
2. 행운상 추첨

18:00~21:00 Gala Dinner Place: Walkerhill Theatre B1F Hotel



2018년 10월 26일(금)
장소: Walker Hall II



09:00~12:00 체외순환사협회 추계학술대회

12:30~13:30 점 심

14:00~17:00 Basic Anastomotic Skills Dry Lab

Paul T. Sergeant, MD (Gasthuisberg University Hospital, Belgium)

17:00~17:30 시상식 및 행운상 추첨

Place: Vista Hall 1+2

1. 학술상 시상

- Dr. Lillehei Merit Award
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- 일동 학술상

2. 행운상 추첨

18:00~21:00 Gala Dinner

Place: Walkerhill Theatre B1F Hotel



2018년 10월 26일(금)
 장소: Grand Hall 6



12:30~13:30 흉부외과 여의사회 특강 및 정기총회

주제: 재즈는 어떻게 들어야 할까? - 음악감상 입문

특강 연자: 재즈 칼럼니스트 황덕호

15:00~15:30 *Coffee Break*

15:00~17:00 지도전문의 교육

17:00~17:30 시상식 및 행운상 추첨 Place: Vista Hall 1+2

1. 학술상 시상
 - Dr. Lillehei Merit Award
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 - 일동 학술상

2. 행운상 추첨

18:00~21:00 Gala Dinner Place: Walkerhill Theatre B1F Hotel



08:00~09:00 기타 심혈관 (83~87연제) 좌장: 임상현, 정인석

- 083 Impact of Multidisciplinary Heart Failure Team on Midterm Outcome of Heart Transplantation**
Yang Hyun Cho, Suryeun Chung, Dong Seop Jeong, Kiick Sung, Wook Sung Kim, Young Tak Lee, Pyo Won Park
 Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
 지정토론: 윤영남(연세대학교 세브란스병원)
- 084 Preoperative Screening Tool for Nutritional Status to Relate with Early Morbidity and Mortality in Adult Cardiac Surgery**
Seok In Lee, Chang Hyu Choi, Chul-Hyun Park, Kook Yang Park, Kuk Hui Son
 Department of Thoracic and Cardiovascular Surgery, Gachon University Gil Medical Center, Gachon University College of Medicine, Incheon, Republic of Korea
- 085 Serial Measurement of Immune Cells in Patients with Aortic Dissection**
Kyo Seon Lee, Eunchong Kim, Seok Kim, Do Wan Kim, Ju Sik Yun, Gwan Sic Kim, Yochun Jung, Sang Yun Song, Kook Joo Na, Byoung Hee Ahn, In Seok Jeong
 Department of Thoracic and Cardiovascular Surgery, Chonnam National University Hospital, Chonnam National University College of Medicine, Gwangju, Republic of Korea
- 086 The Clinical Outcomes of VA ECMO for Patients with AMI Complicated by Cardiac Arrest due to Left Main Coronary Artery Occlusion**
Hyoung Soo Kim, Sun Hee Lee
 Department of Thoracic Cardiovascular Surgery, Sacred Heart Hospital, Hanlym University College of Medicine, Gyeonggi-do, Republic of Korea
- 087 The Effect of Supplemental Cardioplegia Infusion Before Anastomosis in Patients With Long Cold Ischemic Time**
Hong Rae Kim¹, Tae-Jin Yun², Jae Won Lee², Sung Ho Jung²
¹Department of Thoracic and Cardiovascular Surgery, Mokpo City Medical Center, Jeollanam-do, ²Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea

09:00~10:00 판막/부정맥 (88~92연제) 좌장: 박남희, 정성호

- 088 Impact of Cerebral Atherosclerosis on Early Ischemic Stroke After Valve Replacement Surgery**
Ho Jin Kim¹, Eun-Jae Lee², Sung-Ho Jung¹, Suk Jung Choo¹, Cheol Hyun Chung¹, Jae Won Lee¹, Joon Bum Kim¹, Sun U. Kwon²
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Neurology, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
- 089 The Comparison of Short-term Clinical Outcomes between Sutureless Aortic Valve Replacement and Transcatheter Aortic Valve Implantation in Recent Era**
 Do Jung Kim, Hyun-Chel Joo, Kyung-Jong Yoo, Young-Nam Youn, Sak Lee, Seung Hyun Lee
 Division of Cardiovascular Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea
 지정토론: 정철현(서울아산병원)
- 090 Late Occurrence of Paravalvular Leakage after Double Valve Replacement and Aortomitral Fibrous Body Reconstruction with Pericardium**
Jiyoung Park, Pyo Won Park, Wook Sung Kim, Kiick Sung
 Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea



091 The Impact of Left Atrial Appendage Preservation during Rheumatic Mitral Valve Surgery for the Patients with Atrial Fibrillation

Wan Kee Kim, Ho Jin Kim, Joon Bum Kim, Sung-Ho Jung, Suk Jung Choo, Cheol Hyun Chung, Jae Won Lee
Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea

092 The Clinical Value of 48-hours Holter Monitoring Over Three Years after Surgical Ablation

Ji Hye Lee, Hye Rim Oh, Min ho Ju, Sang-Kwon Lee, Hyung Gon Je
Department of Cardiovascular and Thoracic Surgery, Pusan National University Yangsan Hospital, Pusan National University College of Medicine, Gyeongsangnam-do, Republic of Korea

10:00~10:30 *Coffee Break*

10:30~12:00 **대동맥 II (93~98연제)**

좌장: 조광조, 성기익

093 Impact of Locations of Intimal tears on Aortic Dilation and Reintervention after Non Total Arch Replacement in Acute Type I Aortic Dissection

Woon Heo¹, Suk-Won Song¹, Shin-Young Lee¹, Tae-Hoon Kim², Jin-Seong Lee¹, Kyung-Jong Yoo², Bum-Koo Cho³
¹Department of Cardiovascular Surgery, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, ²Department of Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, ³The Korean Heart Foundation, Seoul, Republic of Korea

094 Comparative Outcomes of Total-Arch versus Hemiarch Repair in Acute Type I Aortic Dissection: Impact of Center Experiences

Seung Ri Kang, Ho Jin Kim, Sung-Ho Jung, Suk Jung Choo, Cheol Hyun Chung, Jae Won Lee, Joon Bum Kim
Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
지경토론: 김경환(서울대학교 병원)

095 Fate of Residual False Lumen after Repair of Acute Type I Dissection can be Improved by Total Arch Replacement with Elephant Trunk Frozen or Not

Jun Sung Kim, Cheong Lim, Jae-Hang Lee, Hakju Kim, Dong Jung Kim, Hyoung Woo Chang, Kay-Hyun Park
Department of Thoracic and Cardiovascular Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Gyeonggi-do, Republic of Korea

096 Does the Result of Hybrid Surgery in Zone 0, 1 Show worse than that in Zone 2,3, in Distal Aortic Arch and Proximal Descending Aortic Aneurysm?

Euysuk Chung, Jaehun Lee, Sungjun Park
Department of Thoracic and Cardiovascular Surgery, Inje University Sanggye Paik Hospital, Inje University College of Medicine, Seoul, Republic of Korea

097 Distinct Patterns of Monomeric C-reactive Protein Deposition in Abdominal Aortic Aneurysm

Se Jin Oh¹, Eun Na Kim², Suk Jung Choo³, Joon Bum Kim³, Chong Jai Kim²
¹Department of Thoracic and Cardiovascular Surgery, SMG-SNU Boramae Medical Center, Seoul National University College of Medicine, Seoul, ²Department of Pathology, Asan Medical Center, Ulsan University College of Medicine, Seoul, ³Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea

098 Does Hostile Neck Anatomy Negatively affect Successful EVAR(endovascular aortic repair) in the Abdominal Aortic Aneurysm (AAA)?

Euysuk Chung, Jaehun Lee, Sungjun Park
Department of Thoracic and Cardiovascular Surgery, Inje University Sanggye Paik Hospital, Inje University College of Medicine, Seoul, Republic of Korea



12:00~13:00

Luncheon Seminar 5

좌장: 장병철

<애보트메디칼코리아>

Key Elements for Successful Establishment of National Database

Dr. Noboru Motomura, MD

(Toho University, Faculty of Medicine, Sakura Medical Center University of Tokyo, Japan)

13:00~14:00

Video Session (1~8연제)

좌장: 임 청, 이성수

V 01 Sandwich Repair of Asymmetric Pectus Carinatum using a New Compressing Device

Mi Hyoung Moon, Kwan Yong Hyun, Soo Whan Choi, Seha Ahn, Hyo Chan An, Hyung Joo Park

Department of Thoracic and Cardiovascular Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, Republic of Korea

지경토론: Sungsoo Lee (강남세브란스병원)

V 02 Thoracoscopic Diaphragmatic Defect Closure and Pleurodesis in a Patient with Hepatic Hydrothorax

Yochun Jung¹, Seok Kim², Ju Sik Yun², In Seok Jeong¹, Sang Yun Song², Kook Joo Na²

¹Department of Thoracic and Cardiovascular Surgery, Chonnam National University Hospital, Chonnam National University College of Medicine, Gwangju,

²Department of Thoracic and Cardiovascular Surgery, Chonnam National University Hwasun Hospital, Chonnam National University College of Medicine, Jeollanam-do, Republic of Korea

V 03 VATS Assist Minimally Invasive Rib Fixation

Sookyung Hwang, Yunseok Kim, Yong-Jik Lee, Chang-Ryul Park, Jongpil Jeong, Sangcjeol Lee

Department of Thoracic and Cardiovascular Surgery, Ulsan University Hospital, Ulsan University College of Medicine, Ulsan, Republic of Korea

V 04 Robotic Thymectomy ; Two-port technique and Three Robotic Arms

Kook Nam Han, Hyun Koo Kim, Young Ho Choi

Department of Thoracic and Cardiovascular Surgery, Korea University Guro Hospital, Korea University College of Medicine, Seoul, Republic of Korea

V 05 A Novel Surgical Strategy as Primary Intervention for Pulmonary Atresia with Intact Ventricular Septum

Eung Re Kim, Jae Gun Kwak, Jooncheol Min, Jae Hong Lim, Woong-Han Kim

Department of Thoracic and Cardiovascular Surgery, Seoul National University Children's Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea

V 06 Double-Chambered Left Ventricle with LV Diverticulum Discovered in Patient with Ruptured LV Aneurysm following Myocardial Infarction

Won Kyoum Park¹, Sang-Ho Cho¹, Dae Hyun Kim¹, Young Tae Kwak¹, Hyo Chul Yoon², Soo-Cheol Kim², Bum-Sik Kim², Joo-Chul Park²

¹Department of Thoracic and Cardiovascular Surgery, Kyung Hee University Hospital at Gangdong, Kyung Hee University College of Medicine, Seoul,

²Department of Thoracic and Cardiovascular Surgery, Kyung Hee University Hospital, Kyung Hee University College of Medicine, Seoul, Republic of Korea

V 07 How to Perform Rapid-deployment Aortic Valve Replacement with Concomitant Mitral Valve Replacement

Suk Ho Sohn, Kyung Hwan Kim

Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea

V 08 Intercostal Artery Reimplantation in Thoracoabdominal Aortic Replacement: "Frontage" Graft Technique

Jae Hang Lee, Hakju Kim, Hyoung Woo Chang, Dong Jung Kim, Jun Sung Kim, Cheong Lim, Kay-Hyun Park

Department of Thoracic and Cardiovascular Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Gyeonggi-do, Republic of Korea



14:00~15:00 시상식 및 폐회식

1. 학술상 시상

- Medtronic Award 발표상
- English Competition Forum 발표상
- 젊은 연구자상(포럼) 발표상
- 최우수 포스터상



08:00~09:00 일반홍부 I (99~103연제) 좌장: 박형주, 백효채

- 099 **The Influence of Preoperative Corticosteroid Therapy on the Healing of Airway Anastomosis**
 Su Kyung Hwang¹, Seoung Wan Chae², Chang-Min Choi³, Kyung-Wook Jo³, Young Soo Park³, Hyeong Ryul Kim⁴
¹Department of Thoracic and Cardiovascular Surgery, Ulsan University Hospital, Ulsan University College of Medicine, Ulsan, ²Department of Pathology, Kangbuk Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, ³Department of Pulmonology, ⁴Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
- 100 **KPC Klebsiella Identification as a Increased Risk Factor of Bronchial Dehiscence in Lung Transplantation**
 Jee Won Suh¹, Woo Sik Yu¹, Seung Hwan Song¹, Jin Gu Lee¹, Moo Suk Park², Song Yee Kim², Joo Han Song², Su Jin Jeong³, Hyo Chae Paik¹
¹Department of Thoracic and Cardiovascular Surgery, ²Division of Pulmonology, Department of Internal Medicine, ³Division of Infectious disease, Department of Internal Medicine, Severance Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea
- 101 **Comparison with Perioperative Outcomes and Oncologic Mid-term Results after Single Port Versus Multi-ports Thoracoscopic Lobectomy for Non-small Cell Lung Cancer**
 Ju-Hyoung Son, Do Hyoung Kim, Bong Soo Son
 Department of Thoracic and Cardiovascular Surgery, Pusan National University Yangsan Hospital, Pusan National University College of Medicine, Gyeongsangnam-do, Republic of Korea
- 102 **Resuscitative Thoracotomy in a Single Korean Trauma Center**
 Byung Hee Kang, Donghwan Choi, Yo Huh, Junsik Kwon, Kyoungwon Jung, John-Cook Jong Lee, Jonghwan Moon
 Department of Trauma Surgery, Ajou University Hospital, Ajou University School of Medicine, Gyeonggi-do, Republic of Korea
- 103 **Early Preliminary Experience of Lung Nodule Biopsy and Localization by Electromagnetic Navigation Bronchoscopy**
 Kwanyong Hyun¹, Jinwon Shin², Soowhan Choi¹, Yong-Jin Chang², Youngkyu Moon¹, Kyungsoo Kim¹, Seok-Whan Moon¹, Deog Gon Cho²
¹Department of Thoracic and Cardiovascular Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, ²Department of Thoracic and Cardiovascular Surgery, St. Vincent's Hospital, The Catholic University College of Medicine, Gyeonggi-do, Republic of Korea

09:00~10:00 ITMIG V - Pleural (3 Presentations) Chair: Sukki Cho, Wentao Fang

- 09:00~09:15 **Chemotherapy for Stage IVA Thymic Tumors: Neoadjuvant or Adjuvant, Intrapleural or Systemic?**
 Nicolas Girard (Institute Curie, France)
- 09:15~09:30 **Surgery and Intrapleural Therapy for Stage IVA Thymic Tumors**
 Sukki Cho (Seoul National University Bundang Hospital, Korea)
- 09:30~09:45 **Radiotherapy for Stage IVA Thymic Tumors**
 Changlu Wang (Shanghai Chst Hospital, China)
- 09:45~10:00 **Panel Discussion**
 Nicolas Girard, Sukki Cho, Changlu Wang, Wentao Fang

10:00~10:30 *Coffee Break*



10:30~12:00 ITMIG VI - Medical Oncology / Basic Science (4 Presentations)
Chair: Sang-We Kim, Nicolas Girard

- 10:30~10:50 Deciphering the Biology of Thymic Tumors
Arun Rajan (National Cancer Institute, USA)
- 10:50~11:10 Next Generation Sequencing: Is It Useful for Routine Practice?
Nicholas Girard (Institute Curie, France)
- 11:10~11:30 Systemic Treatment of TET: Lessons from Clinical Trials
Keunchil Park (Samsung Medical Center, Korea)
- 11:30~11:50 Immune Checkpoint Inhibitors: How to Move Forward?
Arun Rajan (National Cancer Institute, USA)
- 11:50~12:00 Panel Discussion
Nicolas Girard, Keunchil Park, Arun Rajan

12:00~13:00 Luncheon Seminar 6 **좌장: Jong Mog Lee, MD**

- Robotic Thymectomy
Chang Hyun Kang, MD (Seoul National University Hospital)

13:00~14:00 ITMIG VII - Abstract Session **Chair: Kyung Young Chung, Wentao Fang**

- 13:00~13:10 Comparison of Factors Affecting Length of Stay after Surgery for Thymic Tumors: Minimally Invasive vs Open Surgeries
Kwon Joong Na (Seoul National University Hospital, Seoul National University College of Medicine, Korea)
- 13:10~13:20 The Importance of Measuring Acetylcholine Receptor Antibodies in Thymomas
Florit Marcuse (Maastricht University Medical Center (MUMC+), Netherlands)
- 13:20~13:30 Adjuvant Chemotherapy Improved Survival of Completely Resected Squamous Thymic Carcinoma
Wang Changlu (Shanghai Chest Hospital, China)
- 13:30~13:40 MRI for the Follow-up of Treated Thymic Epithelial Malignancies
Ariel Kerpel (Chaim Sheba Medical Center at Tel Ha-Shomer, Israel)
- 13:40~13:50 The Role of Postoperative Radiotherapy in Stage II and III Thymoma: A Korean Multicenter Database Study
Seung Hwan Song (Severance Hospital, Yonsei University College of Medicine, Korea)
- 13:50~14:00 A Dosimetric Comparison of VMAT and IMPT with and without Aperture for Thymic Cancer
Kwanghyun Jo (Samsung Medical Center, Korea)

14:00~15:00 ITMIG VIII - Tumor Board

14:00~15:00 시상식 및 폐회식 **Place: Vista Hall 1+2**

Coronary Symposium: In Celebration of-YEARS OF CABG



2018년 10월 27일(토)
장소: Walker Hall I



08:00~09:55 Evidence Base for CABG in 2018 Moderators: Ki-Bong Kim, MD, John D. Puskas, MD

- 08:00~08:15 50 Years of CABG: A History of Quality Improvement
Song Wan, MD (The Chinese University of Hong Kong)
- 08:20~08:35 Evidence Base Indications for CABG in 2018
David Paul Taggart, MD (University of Oxford, John Radcliffe Hospital, Oxford, United Kingdom)
- 08:40~08:55 BITA Grafting: The Evidence in 2018
Kwang Ree Cho, MD (Sejong General Hospital, Seoul, Korea)
- 09:00~09:15 OPCAB: The Evidence in 2018
David Paul Taggart, MD (University of Oxford, John Radcliffe Hospital, Oxford, United Kingdom)
- 09:20~09:35 Guidelines-Directed Medical Therapy of Patients after CABG
Kyung Woo Park, MD (Seoul National University Hospital, Seoul, Korea)
- 09:40~09:55 Perioperative Prevention and Management of Newly Developed Postop AF in the CABG Patient
Hui-Nam Pak, MD (Yonsei University Health System Cardiology, Seoul, Korea)
- 10:00~10:30 *Coffee Break*

10:30~12:00 CABG in 2018 Moderators: Cheol Hyun Chung, MD, Hyun Keun Chee, MD

- 10:30~10:45 Single versus Multiple Arterial Graftings
Mario FL Gaudino, MD (Weill Cornell Medical College, New York, USA)
- 10:50~11:05 Moderate Ischemic MR: CABG or CABG-plus-MV Repair?
John D. Puskas, MD (Icahn School of Medicine at Mount Sinai, New York, USA)
- 11:10~11:25 Management of Anomalous Coronary Arteries in 2018
Duke E. Cameron, MD (Massachusetts General Hospital, Boston, USA)
- 11:30~11:45 Teaching On-pump and Off-pump CABG to Surgical Residents and Practicing Surgeons
Paul T. Sergeant, MD (Formerly Gasthuisberg University Hospital, Belgium)
- 11:50~12:00 Learning Curve of OPCAB: Tips and Tricks
Kwang Ree Cho, MD (Sejong General Hospital, Seoul, Korea)



2018년 10월 27일(토)
 장소: Walker Hall I



12:00~13:00 Luncheon Seminar 7
Moderators: Kyung-Hwan Kim, MD (Seoul National University Hospital, Seoul, Korea)

Severe Ischemic MR: CABG-plus-MV Repair or CABG-plus-MV Replacement?
 David H. Adams, MD (Icahn School of Medicine at Mount Sinai, New York, USA)

13:00~15:00 State of the Art CABG in 2018 and Beyond
Moderators: Kyung-Jong Yoo, MD, David Taggart, MD

- 13:00~13:15 Multivessel off Pump MICS CABG Via Left Small Thoracotomy
 Keita Kikuchi, MD (Ichinomiya-Nishi Hospital, Japan)
- 13:20~13:35 Update on Saphenous Vein Grafts for CABG: Are They Still a Viable Conduit Option?
 Ki-Bong Kim, MD (Seoul National University Hospital, Seoul, Korea)
- 13:40~13:55 Quality Assessment in CABG: Transit-time Flow Measurement and Epicardial Ultrasound
 Hirokuni Arai, MD (Tokyo Medical & Dental University, Tokyo, Japan)
- 14:00~14:10 Usefulness of Epicardial Imaging
 Ki-Bong Kim, MD (Seoul National University Hospital, Seoul, Korea)
- 14:15~14:30 The Heart Team in the Biggest Cardiovascular Program in Korea - Cardiologist's Perspective
 Duk-Woo Park, MD (Asan Medical Center Cardiology, Seoul, Korea)
- 14:35~14:50 The Future of Surgical Coronary Revascularization
 John D. Puskas, MD (Icahn School of Medicine at Mount Sinai, New York, USA)
- 15:00~ *Adjourn*

14:00~15:00 시상식 및 폐회식 **Place: Vista Hall 1+2**



2018년 10월 25일(목)
장소: Vista Hall 1+2



16:00~17:30

English Competition Forum I (1~8연제)

좌장: 황호영, 김호진

- E 01 Extracorporeal Life Support in Adult Patients with Hematologic Malignancies and Acute Circulatory and/or Respiratory Failure**
Sungbin Cho¹, Won Chul Cho², Ju Yong Lim³, Pil Je Kang¹
¹Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, ²Department of Thoracic and Cardiovascular Surgery, Gangneung Asan Hospital, University of Ulsan College of Medicine, Gangwon-do, ³Department of Thoracic and Cardiovascular Surgery, Korea University Anam Hospital, Korea University College of Medicine, Seoul, Republic of Korea
- E 02 Mid-term Results of Seal Thoracic Stent Graft in Aortopathy: A Single Institution Experience**
Sun Hyun Hwang, Jun Woo Cho, Jae Seok Jang, Chul Ho Lee, Oh Choon Kwon
Department of Thoracic and Cardiovascular Surgery, Daegu Catholic University Medical Center, Daegu Catholic University College of Medicine, Daegu, Republic of Korea
- E 03 Totally Thoracoscopic Ablation in Patients with Atrial Fibrillation after Failed Catheter Ablation**
Sukkyung Lim, Dong Seop Jeong
Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
- E 04 Surgical Myectomy Versus Alcohol Septal Ablation in Patients with Hypertrophic Obstructive Cardiomyopathy**
Seohee Joo, Yeonyee Yoon, Jun Sung Kim, Tae-Jin Youn, Cheong Lim, Goo-Yeong Cho, In-Ho Chae, Kay-Hyun Park
Department of Thoracic and Cardiovascular Surgery, Cardiovascular Center, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Gyeonggi-do, Republic of Korea
- E 05 Changes of Mitral Regurgitation after Surgical Atrial Septal Defect Repair through Right Mini-thoracotomy**
Hyung Gon Je, Mi Hee Lim, Min Ho Ju, Sang-Kwon Lee, Chang Hun Kim
Department of Thoracic and Cardiovascular Surgery, Pusan National University Yangsan Hospital, Pusan National University College of Medicine, Gyeongsangnam-do, Republic of Korea
- E 06 The New Ergonomic Needle Holder which can Rotate 360-degrees**
Jung Suk Choi, Hwan Wook Kim
Department of Thoracic and Cardiovascular Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, Republic of Korea
- E 07 Awake Venovenous Extracorporeal Membrane Oxygenation: Does It Improve Survival?**
Ilkun Park, Suryeun Chung, Yang Hyun Cho, Dong Seop Jeong, Ji-Hyuk Yang, Kiick Sung, Wook Sung Kim, Tae-Gook Jun, Young Tak Lee, Pyo Won Park
Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
- E 08 The Difference in Prosthesis Sizing of Surgical or Transcatheter Aortic Valve Implantation: An Analysis Based on Computed Tomography for TAVI**
Bongyeon Sohn, Hakju Kim, Hyoung Woo Chang, Jae Hang Lee, Dong Jung Kim, Jun Sung Kim, Cheong Lim, Kay-Hyun Park
Department of Thoracic and Cardiovascular Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Gyeonggi-do, Republic of Korea



2018년 10월 25일(목)
장소: Grand Hall I



16:00~17:30

English Competition Forum II (9~16연제)

좌장: 이호석, 최세훈

E 09 Tracheal Resection using Laryngeal Mask Airway

Joo Chul Park², Young Tae Kwak¹, Bum Shik Kim², Soo Cheol Kim², Dae Hyun Kim¹, Hyo Chul Youn², Won Kyoung Park¹,
Sunkeun Lee¹

¹Department of Thoracic and Cardiovascular Surgery, Kyung Hee University Hospital at Gangdong, Kyung Hee University College of Medicine, Seoul,

²Department of Thoracic and Cardiovascular Surgery, Kyung Hee University Hospital, Kyung Hee University College of Medicine, Seoul, Republic of Korea

E 10 Primary Chest Wall Sarcoma : Surgical Outcomes and Prognostic Factors

Ilkun Park, Sumin Shin, Jong Ho Cho, Hong Kwan Kim, Yong Soo Choi, Jhingook Kim, Jae Ill Zo, Young Mog Shim

Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

E 11 Chemical Pleurodesis using a Tetracycline for Management of Postoperative Recurred Spontaneous Pneumothorax

Hong Kyu Lee, Weon Yong Lee, Hyeong Soo Kim, Yong Joon Ra, Bong Suk Park, Byung Mo Gu

Department of Thoracic and Cardiovascular Surgery, Sacred Heart Hospital, Hanlym University College of Medicine, Gyeonggi-do, Republic of Korea

E 12 Difference between Thoracic Egg and Conventional Chest Tube, which One is More Cost-benefit?

Hyun Soo Lee, Sung Soo Lee, Duk Hwan Moon

Department of Thoracic and Cardiovascular Surgery, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea

E 13 The Feasibility of Powered Vascular Stapler for Bronchial Stapling during Single Port Thoracoscopic Segmentectomy or Middle Lobe Lobectomy

Jun Hee Lee, Hyun Koo Kim, Kook Nam Han, Young Ho Choi

Department of Thoracic and Cardiovascular Surgery, Korea University Guro Hospital, Korea University College of Medicine, Seoul, Republic of Korea.

E 14 Thoracoscopic Wedge Sleeve Lobectomy for Central Lung Cancer in Severely Obese Patient with BMI of 37.8

Ji Yun Lee, Kyung Soo Kim

Department of Thoracic and Cardiovascular Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, Republic of Korea

E 15 Prognosis of Preoperative High Carcinoembryonic Antigen Level in Node-negative Lung Adenocarcinoma

Khashchuluun Batmunkh, Woohyun Jung, Sung Joon Han, Jae Hyun Jeon, Yong Won Seong, Sukki Cho,

Kwhanmien Kim, Sanghoon Jheon

Department of Thoracic and Cardiovascular Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea

E 16 Frequency of Lymph Node Metastasis According to Consolidation Tumor Ratio in Peripheral Non-small Cell Lung Cancer with a Size of 2 cm or Smaller

Yongwoo Chung, Woohyun Jung, Sungjun Han, Jae Hyun Jeon, Yong Won Seong, Sukki Cho, Kwhanmien Kim,

Sanghoon Jheon

Department of Thoracic and Cardiovascular Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Gyeonggi-do, Republic of Korea



2018년 10월 26일(금)
장소: Vista Hall 1+2



13:30~15:00

포럼 I (1~12연제)

좌장: 이기종, 김준성

- F 01 Clinical Outcomes of Valve Sparing Root Replacement in Patients with Annulo Aortic Ectasia**
Youngkern Kwon, Wan Kee Kim, Joon Bum Kim
Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
- F 02 Effect of Albumin on Acute Kidney Injury after Cardiac Surgery**
Young Gi Jung¹, Jae-Seung Jung¹, Ho Sung Son¹, Kyung Sun¹, Pil Je Kang², Joon Bum Kim², Sung Ho Jung², Suk Jung Choo², Cheol Hyun Chung², Jae Won Lee², Ju Yong Lim¹
¹Departments of Thoracic and Cardiovascular Surgery, Korea University Anam Hospital, Korea University College of Medicine, Seoul, ²Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
- F 03 Is Concomitant Repair Feasible for Mild Tricuspid Valve Regurgitation during Rheumatic Mitral Valve Surgery?**
You Jung Ok, Wan Kee Kim, Ho Jin Kim, Joon Bum Kim, Sung-Ho Jung, Suk Jung Choo, Cheol Hyun Chung, Jae Won Lee
Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
- F 04 Suture Reduction Might be a Simple Alternative to Ascending Aorta Replacement for Borderline Ascending Aortic Aneurysm in Patients Undergoing Aortic Valve Replacement**
Yeiwon Lee¹, Suk Ho Sohn¹, Ho Young Hwang¹, Jae Woong Choi¹, Eun-Ah Park², Hyuk Ahn³
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Radiology, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, ³Department of Thoracic and Cardiovascular Surgery, Bundang Jesaeng Hospital, Gyeonggi-do, Republic of Korea
- F 05 Surgical Outcome of Infective Endocarditis with Aortic Root Abscess: A 10-year Experience of Wide Debridement and Exclusion with bovine Pericardium of Root Abscess**
Yang Gi Ryu, Man-Jong Baek, Ok Suk Lee
Department of Thoracic and Cardiovascular Surgery, Korea University Guro Hospital, Korea University College of Medicine, Seoul, Republic of Korea
- F 06 Factors Associated with Inaccuracy of CT Angiography for Coronary Disease Screening in Heart Valve Surgery**
Wooseok Choi, Ho Jin Kim, Sung-Ho Jung, Suk Jung Choo, Cheol Hyun Chung, Jae Won Lee, Joon Bum Kim
Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
- F 07 Estimation of Leaflet Coaptation Heights in Mitral Annuloplasty using Open Semi-Rigid Bands**
Joon Young Song¹, Mi kyung Lee², Dae Woong Ryu², Jong Bum Choi²
¹Department of Thoracic and Cardiovascular Surgery, Chonbuk National University Hospital, Chonbuk National University College of Medicine, Jeollabuk-do, ²Department of Thoracic and Cardiovascular Surgery, Wonkwang University Hospital, Wonkwang University School of Medicine, Jeollabuk-do, Republic of Korea
- F 08 Peripherally Inserted Central Catheter (PICC) Insertion under Fluoroscopy: Best way to Optimize Positioning**
Byung Ryul Kim, Hyung Tae Sim
Department of Thoracic and Cardiovascular Surgery, Danwon Hospital, Gyeonggi-do, Republic of Korea
- F 09 Effectiveness of Protocol-Based Low Dose Amiodarone use for Postoperative Atrial Fibrillation after Off-Pump Coronary Artery Bypass Grafting**
Hee Jung Kim, Sang Yoon Yeom, Hee Moon Lee, Jae Suk Yoo, Dong Jin Kim, Kwang Ree Cho
Department of Thoracic and Cardiovascular Surgery, Sejong General Hospital, Gyeonggi-do, Republic of Korea



2018년 10월 26일(금)
장소: Vista Hall 1+2



F 10 Prediction of Survival with Pre-ECMO Lactate Level of VA ECMO in Adult Patients with Cardiogenic Shock

Do Wan Kim, Eun Chong Kim, Seok Kim, Ju Sik Yun, Kyo Seon Lee, Yo Chun Chung, Byung Hee Ahn, Sang Yun Song, Kook Joo Na, Sang Gi Oh, In Seok Jeong

Department of Thoracic and Cardiovascular Surgery, Chonnam National University Hospital, Chonnam National University College of Medicine, Gwangju, Republic of Korea

F 11 Surgical Outcome of Type A Aortic Dissection Conducted in Small Volume Medical Center; Analysis According to the Extent of Surgery

Chul Ho Lee, Jun Woo Cho, Oh Choon Kwon

Department of Thoracic and Cardiovascular Surgery, Daegu Catholic University Medical Center, Daegu Catholic University College of Medicine, Daegu, Republic of Korea

F 12 The Feasibility and Safety of Perclose ProGlide Device on Femoral Cannulation in Aardiac Surgery

Chang Hun Kim, Min ho Ju, Sang-Kwon Lee, Ji Hye Lee, Hye Rim Oh, Hyung Gon Je

Department of Cardiovascular and Thoracic Surgery, Pusan National University Yangsan Hospital, Pusan National University College of Medicine, Gyeongsangnam-do, Republic of Korea



2018년 10월 26일(금)
장소: Grand Hall 6



13:30~15:00

포럼 II (13~25연제)

좌장: 김현구, 함석진

- F 13 Pattern of Brain Metastasis in Patients with Resected Stage I Non-small Cell Lung Cancer**
Junghee Lee, Yong Soo Choi, Jong Ho Cho, Hong Kwan Kim, Jhingook Kim, Jae Ill Zo, Young Mog Shim
Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
- F 14 Four Steps for the Surgical Treatment of Hepatic Hydrothorax**
Yochun Jung¹, Sang Yun Song², Kook Joo Na², In Seok Jeong¹, Soon-Ho Chon³, Chung Hwan Jun⁴, Sung Kyu Choi⁴
¹Department of Thoracic and Cardiovascular Surgery, Chonnam National University Hospital, Chonnam National University College of Medicine, Gwangju, ²Department of Thoracic and Cardiovascular Surgery, Chonnam National University Hwasun Hospital, Chonnam National University College of Medicine, Jeollanam-do, ³Department of Thoracic and Cardiovascular Surgery, Cheju Halla General Hospital, Jeju, ⁴Division of Gastroenterology, Department of Internal Medicine, Chonnam National University Hospital, Chonnam National University College of Medicine, Gwangju, Republic of Korea
- F 15 Esophageal Cancer Patient Outcomes After Neoadjuvant Chemoradiotherapy and Subsequent Esophagectomy According to Pathologic Tumor Regression Grade**
Young Woong Kim, Hyeong Ryul Kim, Geun Dong Lee, Se Hoon Choi, Yong-Hee Kim, Dong Kwan Kim, Seung-Il Park
Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea
- F 16 Clinical Outcomes of Surgically Resected Extraabdominal Chest Wall Desmoid Tumors**
Seok Kim, Sang Yun Song, Ju Sik Yun and Kook Joo Na
Department of Thoracic and Cardiovascular Surgery, Chonnam National University Hwasun Hospital, Chonnam National University College of Medicine, Jeollanam-do, Republic of Korea
- F 17 Surgical Outcomes of BPF Repair with Omental Pedicle Flap**
Woo Sik Yu, Jee Won Suh, Seung Hwan Song, Chang Young Lee, Jin Gu Lee, Dae Joon Kim, Hyo Chae Paik, Kyung Young Chung, Seong Yong Park
Department of Thoracic and Cardiovascular Surgery, Severance Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea
- F 18 Is Routine Intensive Care Unit-based Management Necessary in Video-assisted Thoracoscopic Surgery Lobectomy for Lung Cancer?**
Joo Hyung Son¹, Bong Soo Son¹, Hye Ju Yeo², Woo Hyun Cho², Do Hyung Kim¹
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Thoracic and Cardiovascular Surgery, Pusan National University Yangsan Hospital, Pusan National University College of Medicine, Gyeongsangnam-do, Republic of Korea
- F 19 Upfront Surgery versus Neoadjuvant Treatment followed by Surgery in Pathologic N2 Non-Small Cell Lung Cancer**
Yong Jin Chang¹, Deog Gon Cho¹, Kyu Do Cho¹, Hyung Soon Park², Byoung Yong Shim²
¹Department of Thoracic and Cardiovascular Surgery, ²Division of Medical Oncology, Department of Internal Medicine, St. Vincent's Hospital, The Catholic University College of Medicine, Gyeonggi-do, Republic of Korea
- F 20 Comparative Study between Local Anesthesia and General Anesthesia in the Treatment of Primary Spontaneous Pneumothorax**
Joo Hyung Son, Bong Soo Son, Do Hyung Kim
Department of Thoracic and Cardiovascular Surgery, Pusan National University Yangsan Hospital, Pusan National University College of Medicine, Gyeongsangnam-do, Republic of Korea
- F 21 Surgical Treatment of Rare Esophageal Cancers**
Seung Wook Lee, Joonho Jung, Ji Ye Park, Seokjin Haam
Department of Thoracic and Cardiovascular Surgery, Ajou University Hospital, Ajou University School of Medicine, Gyeonggi-do, Republic of Korea



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F 22 Comparison of Surgical Outcomes between 3D and 2D VATS Lobectomy for Clinical Stage I Lung Cancer

Tae Ho Kim, Tae Hee Hong, Yong Soo Choi

Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

F 23 Clinical Outcomes of Surgical Treatment for Primary Chest Wall Soft Tissue Sarcoma

Seung Hwan Yoon, Joon Chul Jung, In Kyu Park, Samina Park, Chang Hyun Kang, Young Tae Kim

Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea

F 24 Effects of Human Wharton's Jelly-derived Mesenchymal Stem Cells on Chronic Obstructive Pulmonary Disease

Yun-Ho Jeon, Sun Hyun Hwang, Jun Woo Cho¹, Ki Sung Park¹, Jin Young Bae²

¹Department of Thoracic and Cardiovascular Surgery, ²Department of Obstetrics and Gynecology, Daegu Catholic University Medical Center, Daegu Catholic University College of Medicine, Daegu, Republic of Korea

F 25 Endoscopic thoracic sympathectomy(R2) for craniofacial hyperhidrosis

Mincheol Chae, Chang Kwon Park

Department of Thoracic and Cardiovascular Surgery, Keimyung University Dongsan Medical Center, Keimyung University School of Medicine, Daegu, Republic of Korea



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13:30~15:00

포럼 III (26~32연제)

좌장: 조준용, 윤태진

F 26 Biventricular Repair without Arch Reconstruction in Interrupted Aortic Arch Patients

Jooncheol Min, Woong-Han Kim, Jae Hong Lim, Jae Gun Kwak

Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea

F 27 Establishment of Return-to-Community Protocol for Children with Ventricular Assist Device

Eun Seong Lee¹, Yu Rim Shin², Young Hwan Park², Han Ki Park²

¹Department of Cardiovascular Surgery, Nursing, ²Department of Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea

F 28 The Fate of Residual Shunt after Ventricular Septal Defect Repair

Young Eun Kim, Hanna Jung, Joon Yong Cho, Young Ok Lee

Department of Thoracic and Cardiovascular Surgery, Kyungpook National University Hospital, Kyungpook National University College of Medicine, Daegu, Republic of Korea

F 29 Twenty-year Experience with Truncus Arteriosus Repair: Changes in Risk Factors in the Current Era

Yoonjin Kang, Woong-Han Kim, Jae Gun Kwak, Joon Chul Min, Jae Hong Lim

Department of Thoracic and Cardiovascular Surgery, Seoul National University Children's Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea

F 30 Hybrid Stage 1 Palliation for Interrupted Aortic Arch with Systemic Outflow Tract Obstruction

June Lee, Yong Han Kim, Cheul Lee

Department of Thoracic and Cardiovascular Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, Republic of Korea

F 31 Surgical Outcomes in Coarctation of Aorta in Patients Weighting less than 2 kg

Won Young Lee, Tae-Jin Yun, Chun Soo Park, Eun Suk Choi, Bo Sang Kwon

Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, Ulsan University College of Medicine, Seoul, Republic of Korea

F 32 Heart Transplantation for Failed Fontan Circulation

Young-Ho Yang, Yu Rim Shin, Young-Hwan Park, Han Ki Park

Department of Thoracic and Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea



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- 01 Transarterial and Transvenous Approaches for Percutaneous Angioplasty in a Patient with Hemodialysis Arteriovenous Fistula Stenosis**
Tae Sik Kim, Jung Soo Jo
Department of Thoracic and Cardiovascular Surgery, Hallym General Hospital, Incheon, Republic of Korea
- 02 Successful Staged Treatments for Aortoesophageal Fistula in a Young Patient**
Sun Kyun Ro, Seung Hyuk Nam
Department of Thoracic and Cardiovascular Surgery, Hanyang University Guri Hospital, Hanyang University College of Medicine, Gyeonggi-do, Republic of Korea
- 03 The Prognostic Nutritional Index Independently Predicts Postoperative Intensive Care Unit Admission in Diabetic Foot Ulcers Patients Undergoing Below Knee Amputations**
So Young Lee¹, Seok In Lee¹, Kun Woo Kim¹, Chang Hyu Choi¹, Jae Ik Lee¹, Chul Hyun Park¹, Kook Yang Park¹, Ji Yeon Lee², Kuk Hui Son¹
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Anesthesiology and Pain Medicine, Gachon University Gil Medical Center, Gachon University College of Medicine, Incheon, Republic of Korea
- 04 Unusual Complication of Extracorporeal Membrane Oxygenator (ECMO): Ventilator Associated Systemic Air Embolism**
Se Min Ryu, Sung-Min Park, Kyung-Hak Lee, Seong-Joon Cho, Se-Ran Yang, Han Pil Lee, Ki Hwan Kim, Jung Eui Yun, Jin Soo Lee, Hye Jin Park, Young Heon Park, Jooyeon Lee, Hanbyeol Lee
Department of Thoracic and Cardiovascular Surgery, Kangwon National University Hospital, Kangwon National University College of Medicine, Gangwon-do, Republic of Korea
- 05 The Emboli from Occluded Femoro-femoral Bypass Graft can be an Origin of Acute Limb Ischemia**
Se Min Ryu, Kyung-Hak Lee, Sung-Min Park, Seong-Joon Cho, Han Pil Lee, Se-Ran Yang, Ki Hwan Kim, Jung Eui Yun, Jin Soo Lee, Hye Jin Park, Young Heon Park, Jooyeon Lee, Hanbyeol Lee
Department of Thoracic and Cardiovascular Surgery, Kangwon National University Hospital, Kangwon National University College of Medicine, Gangwon-do, Republic of Korea
- 06 Endovascular Treatment of Residual Common Iliac Artery Aneurysm after Aortobifemoral Bypass Surgery**
Se Min Ryu, Sung-Min Park, Kyung-Hak Lee, Seong-Joon Cho, Se-Ran Yang, Han Pil Lee, Ki Hwan Kim, Jung Eui Yun, Jin Soo Lee, Hye Jin Park, Young Heon Park, Jooyeon Lee, Hanbyeol Lee
Department of Thoracic and Cardiovascular Surgery, Kangwon National University Hospital, Kangwon National University College of Medicine, Gangwon-do, Republic of Korea
- 07 The Difference between Early and Late Surgical Repair of Femoral Artery Pseudoaneurysm**
Kwan Wook Kim, Chang Wan Kim, Chun Sung Byun, Soonchang Hong, Joong Hwan Oh, Il Hwan Park
Department of Thoracic and Cardiovascular Surgery, Wonju Severance Christian Hospital, Yonsei University College of Medicine, Gangwon-do, Republic of Korea
- 08 Custodiol Induced Cardiac Arrest in the Diabetic Myocardium Affect Na⁺ and Cl⁻-transporting Activity and pH Homeostasis Differently Comparing with Normal Glucose Myocardium**
Minjeong Ji¹, Wanhee Suk¹, Jeong Hee Hong¹, Kuk Hui Son²
¹Department of Physiology, ²Department of Thoracic and Cardiovascular Surgery, Gachon University Gil Medical Center, Gachon University College of Medicine, Incheon, Republic of Korea



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- 09 Localized Induced-Cardiac Tamponade for Postoperative Bleeding Control**
Jong-Myeon Hong, Si-Wook Kim, Do-hoon Kim
Department of Thoracic and Cardiovascular Surgery, Chungbuk National University Hospital, Chungbuk National University College of Medicine, Chungcheongbuk-do, Republic of Korea
- 10 A Case Experience of Multiple Complications under Venous Arterial Extra Corporeal Membrane Oxygenation Support**
Ji Min Lee, Yong Jik Lee, Su Kyung Hwang, Jong Pil Jung, Chang Ryul Park, Yun Seok Kim
Department of Thoracic and Cardiovascular Surgery, Ulsan University Hospital, Ulsan University College of Medicine, Ulsan, Republic of Korea
- 11 Immunoglobulin G4-related Aortitis of the Abdominal Aorta**
Jae Won Choi¹, Jun Young Choi¹, Jeong-Hee Lee², Yun Hong Cheon³, Chung Eun Lee¹, Hyun Oh Park¹
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Pathology, ³Division of Rheumatology, Department of Internal Medicine, Gyeongsang National University Hospital, Gyeongsang National University School of Medicine, Gyeongnam, Republic of Korea
- 12 Acute Left Arm Ischemia after Thoracic Endovascular Aortic Repair (TEVAR) in Patients with Ruptured Penetrating Aortic Ulcer**
Hyung Tae Sim, Byung Ryul Kim
Department of Thoracic and Cardiovascular Surgery, Danwon Hospital, Gyeonggi-do, Republic of Korea
- 13 The Change of Left Ventricular Function and Dimension after Coronary Artery Bypass Surgery in Patient with Ischemic Dilated Cardiomyopathy**
Hee Joon Kang, Seok Soo Lee, Jong Hyun Baek, Jang Hoon Lee, Tae Eun Jung, Jung Cheul Lee, Dong Hyup Lee
Department of Thoracic and Cardiovascular Surgery, Yeungnam University Medical Center, Yeungnam University College of Medicine, Daegu, Republic of Korea
- 14 Totally Implantable Central Venous Access Port Insertion Via Supraclavicular Approach**
Tae Yun Oh, Du-Young Kang
Department of Thoracic and Cardiovascular Surgery, Kangbuk Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
- 15 Coronary Ostial Reinforcement in Acute Type A Aortic Dissection with Coronary Involvement**
Dong Jin Kim
Department of Thoracic and Cardiovascular Surgery, Sejong General Hospital, Gyeonggi-do, Republic of Korea
- 16 Constrictive Pericarditis after Blunt Chest Trauma**
Chang Wan Kim, Kwan Wook Kim, Chun Sung Byun, Soon Chang Hong, Il Hwan Park, Joong Hwan Oh
Department of Thoracic and Cardiovascular Surgery, Wonju Severance Christian Hospital, Yonsei University College of Medicine, Gangwon-do, Republic of Korea
- 17 Aortic Valve Repair for Aortic Valve Regurgitation**
Jooncheol Min, Woong-Han Kim, Jae Hong Lim, Jae Gun Kwak
Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea



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- 18 Receptor for Advanced Glycan end Products (RAGE) Antagonism is a Potential Therapeutic Application in Experimental Emphysema Model**
Hanbyeol Lee*, Jooyeon Lee, Youngheon Park, Han Pil Lee, Se Min Ryu, Sung-Min Park, Kyung-Hak Lee, Seong-Joon Cho, Se-Ran Yang*
Department of Thoracic and Cardiovascular Surgery, Kangwon National University Hospital, Kangwon National University College of Medicine, Gangwon-do, Republic of Korea
- 19 Role of Cyclic Adenosine Monophosphate in Emphysema Experimental in Vivo and in Vitro Models**
Jooyeon Lee, Hanbyeol Lee, Youngheon Park, Se Min Ryu, Sung Min Park, Seong-Joon Cho, Kyung-Hak Lee, Han Pil Lee, Se-Ran Yang
Department of Thoracic and Cardiovascular Surgery, Kangwon National University Hospital, Kangwon National University College of Medicine, Gangwon-do, Republic of Korea
- 20 Evaluation for Mechanical Property of 3D Printed Scaffolds for the Artificial Trachea which Increase Dynamic Performance**
Kuk Hui Son¹, Chi Bum Ahn², Young Soo Yu³, Tea Ho Kim³, Ji-Hyun Lee², Jin Woo Lee², Jea-Ik Lee¹
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Molecular Medicine, Gachon University Gil Medical Center, Gachon University College of Medicine, Incheon, ³Department of Health Science and Technology, GAHIST, Gachon University College of Medicine, Incheon, Republic of Korea
- 21 Predictive Procedure for Compensatory Hyperhidrosis in Primary Palmar Hyperhidrosis**
Jun Lee, Do Yeon Kim, Jong Hui Suh, Jin Yong Jeong
Department of Thoracic and Cardiovascular Surgery, Incheon St. Mary's Hospital, The Catholic University College of Medicine, Incheon, Republic of Korea
- 22 Birt-Hogg-Dube Syndrome as a Cause of Secondary Spontaneous Pneumothorax: Three-cases**
Hyun Jin Cho, Jin San Bok, Woo Sik Han, Shinkwang Kang, Jae Hyeon Yu, Myung Hoon Na, Seunghyeon Lee, Min-Woong Kang
Department of Thoracic and Cardiovascular Surgery, Chungnam National University Hospital, Chungnam National University College of Medicine, Daejeon, Republic of Korea
- 23 Clinical Risk Factors for Developing Empyema Secondary to Liver Abscess**
Junhee Lee¹, Eunjue Yi¹, Jae Ho Chung¹, Sungho Lee¹, Tae Hyung Kim²
¹Department of Thoracic and Cardiovascular Surgery, Korea University Kuro Hospital, Korea University College of Medicine, ²Department of Internal Medicine, Korea University College of Medicine, Seoul, Republic of Korea
- 24 Is Hypertrophic or Keloid Scar a Risk Factor for Stricture at Esophagogastric Anastomosis Site after Esophageal Cancer Operation?**
Yoo Hwa Hwan, Se Jin Oh, Jae Sung Choi, Hyeon Jong Moon
Department of Thoracic and Cardiovascular Surgery, SMG-SNU Boramae Medical Center, Seoul National University College of Medicine, Seoul, Republic of Korea.
- 25 Cell Cycle Arrest and Injury of Alveolar Epithelial Cells are Involved in the Pathogenesis of Idiopathic Pulmonary Fibrosis**
Young Heon Park, Han Byeol Lee, Joo Yeon Lee, Se Min Ryu, Sung-Min Park, Kyung-Hak Lee, Seong-Joon Cho, Han Pil Lee, Se-Ran Yang
Department of Thoracic and Cardiovascular Surgery, Kangwon National University Hospital, Kangwon National University College of Medicine, Gangwon-do, Republic of Korea



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- 26 **Preoperative Proton Versus Photon Radiation Therapy for Advanced Esophageal Cancer: Early Postoperative Outcome after Esophagectomy**
Hee Chul Yang, Moon Soo Kim, Jong Mog Lee, Jin-Ho Choi
Department of Thoracic and Cardiovascular Surgery, Center for Lung Cancer, National Cancer Center, Gyeonggi-do, Republic of Korea
- 27 **Intraoperative Air Leak Site Detection in Spontaneous Pneumothorax Patients through Carbon Dioxide Insufflation during Thoracoscopic Surgery**
Tae Yun Oh, Du-Young Kang
Department of Thoracic and Cardiovascular Surgery, Kangbuk Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
- 28 **Uniportal VATS for Fenestrated Diaphragm Resection in a Patient with Catamenial Pneumothorax**
Ji Yun Lee, Young Kyu Moon
Department of Thoracic and Cardiovascular Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, Republic of Korea
- 29 **Clinical Manifestation of Stage I (AJCC 8th edition) Lung Adenocarcinoma with Spreading Tumor Cell Through Air Spaces**
Jongyun Won¹, Eunjue Yi¹, Jae Ho Chung¹, Jeong Hyeon Lee², Youngseok Lee², Sungho Lee¹
¹Department of Thoracic and Cardiovascular Surgery, ²Department of Pathology, Korea University Anam Hospital, Korea University College of Medicine, Seoul, Republic of Korea
- 30 **Implanted Huge Chest Wall Tumor after Percutaneous Fine Needle Biopsy which Origin from RLL Lung Cancer**
Gong Min Lim, Soo Hwan Choi, Jae Kil Park
Department of Thoracic and Cardiovascular Surgery, Seoul St. Mary's Hospital, The Catholic University College of Medicine, Seoul, Republic of Korea
- 31 **Surgical Outcomes in Reconstruction of Chest Wall Defect after Radical Resection for Malignant Tumors**
Seok Kim¹, Sang Yun Song¹, Ju Sik Yun¹, Kwang Seog Kim², Kook Joo Na¹
¹Department of Thoracic and Cardiovascular Surgery, Chonnam National University Hwasun Hospital, Chonnam National University College of Medicine, Jeollanam-do, ²Department of Plastic and Reconstructive Surgery, Chonnam National University Hospital, Chonnam National University College of Medicine, Gwangju, Republic of Korea
- 32 **Successfully Treated High Output Wound with a Portable Single-use Negative Pressure Wound Therapy System in the Outpatient Setting**
Seung Hyeon Lee, Jin San Bok, Hyun Jin Cho, Min-Woong Kang, Shinkwang Kang, Jae Hyeon Yu, Myung Hoon Na, Woosik Han
Department of Thoracic and Cardiovascular Surgery, Chungnam National University Hospital, Chungnam National University College of Medicine, Daejeon, Republic of Korea
- 33 **Successful Sternal Reconstruction with Bone Cement Block after Resection of Chondrosarcoma: 2 Cases**
Jae Jun Jung, Jong Woo Kim, Jung Hoon Byun, Sung Ho Moon, Jun Ho Yang, Ki Nyen Kim, Dong Hoon Kang, Sung Hwan Kim
Department of Thoracic and Cardiovascular Surgery, Gyeongsang National University Changwon Hospital, Gyeongsang National University School of Medicine, Gyeongnam, Republic of Korea



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The Grand Walkerhill Hotel,
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대한흉부심장혈관외과학회 창립 50주년 기념
추계학술대회 및 제9차 ITMIG 국제학술대회

*The 50th Anniversary of the Korean Society for Thoracic and Cardiovascular Surgery (KTCVS)
in conjunction with the 9th International Thymic Malignancy Interest Group Annual Meeting (ITMIG2018)*

2018년 간행위원회 워크숍



2018년 10월 25일(목)
장소: Walker Hall I



13:30~14:30 간행위원회 워크숍

13:30~14:30 최근 Medline, PMC 등재 심사에서 다루는 출판윤리와 Best Practice

허 선(한림대학교 의과대학)

14:30~15:30 제4차 간행위원회 회의



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보험세션 심포지엄



2018년 10월 25일(목)
장소: Grand Hall 2+3



13:30~15:40	보험세션: 보험정책 및 흉부외과 보건통계 좌장: 강경훈(국민건강보험 일산병원), 문석환(가톨릭대학교 서울성모병원)
13:30~13:45	2017 심혈관 질환관련 보험위 활동 정재승(고려대학교 안암병원)
13:45~14:15	세계 및 한국 보건통계의 이해 김석일(가톨릭대학교 예방의학교실/환자분류연구단 단장)
14:15~14:45	3차 상대가치 개편 방향 신영석(보건사회연구원 책임연구원)
14:45~15:00	관상동맥질환의 진료통계 임상현(아주대학교병원)
15:00~15:15	선천성 심장질환 진료 통계 곽재건(서울대학교병원)
15:15~15:30	일반흉부질환 및 폐암 진료통계 이해원(원자력병원)
15:30~15:40	종합질의



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심장재활 심포지엄



2018년 10월 25일(목)
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14:30~15:30	심장재활	좌장: 심성보(가톨릭대학교)
14:30~14:50	개요 및 지침개발과정 소개	김 철(인제대 상계백병원 재활의학과)
14:50~15:15	심장재활 임상진료지침 권고문	정재승(고려대학교 안암병원 흉부외과)
15:15~15:30	패널토의	이종영(성균관대학교 강북삼성병원 심장내과) 김병옥(인제대학교 상계백병원 심장내과) 한우식(충남대학교병원 흉부외과)



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2018년 체외순환사 추계학술대회



2018년 10월 26일(금)
장소: Walker Hall II



09:00~09:05 **Opening Remark** 좌장 : 백인창, 이옥숙

Session 1

- 09:05~09:30 Various Cannulation Methods in Aortic Dissection Operations 최민석(동국대학교 일산병원)
- 09:30~09:55 Retrograde Autologous Priming in PNUYH 손성호(양산부산대학교병원)

Session 2

- 10:05~10:30 Coronary Angiography 조성우(인제대학교 서울백병원)
- 10:30~10:55 Experience of Del Nido Cardioplegic Solution in Cardiac Surgery 최홍재(서울특별시 보라매병원)
- 10:55~11:20 Heater-Cooler Device Management 배성진(인제대학교 상계백병원)

Session 3

- 11:30~11:55 체외순환사 인증제 계획 및 방향
- 12:30~13:30 점 심



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의료분쟁 특강



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10:30~11:30 의료분쟁 사안 특례법 제정을 위한 전문가 초청 특별 패널 토의 좌장: 김동원(동남권원자력의학원)

10:30~10:50 최근 흉부외과 관련 판결 사례

이성수(연세대학교 강남세브란스병원)

10:50~11:10 패널 토의

김길원 기자(연합뉴스)

박복환 변호사(법무법인 샘)

안상호 회장(한국선천성심장병 한우회)

문병주 교수(Southlake Regional Health Center)

11:10~11:30 제언 및 질의 답변



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여의사회 세션 및 정기총회



2018년 10월 26일(금)
장소: Grand Hall 6



12:30~13:30 흉부외과 여의사회 특강 및 정기총회

주제: 재즈는 어떻게 들어야 할까? - 음악감상 입문

특강 연자: 재즈 칼럼니스트 황덕호



October
25-27, 2018

The Grand Walkerhill Hotel,
Seoul, South Korea

대한흉부심장혈관외과학회 창립 50주년 기념
추계학술대회 및 제9차 ITMIG 국제학술대회

The 50th Anniversary of the Korean Society for Thoracic and Cardiovascular Surgery (KTCVS)
in conjunction with the 9th International Thymic Malignancy Interest Group Annual Meeting (ITMIG2018)

제9차 흉부외과 지도전문의 교육



2018년 10월 26일(금)
장소: Grand Hall 6



15:00~15:10	등 록	장소: Grand Ballroom 로비
15:10~15:40	전공의 연차별 수련목표 및 내용	김영대(부산대학교병원)
15:40~16:20	전공의 수련 프로그램의 효과적인 평가방법	조석기(분당서울대학교병원)
16:20~17:00	전문의 자격시험 취득 요건	최창휴(가천대학교 길병원)



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2018년 제5차 초음파 연수강좌



2018년 10월 27일(토)
장소: Walker Hall II



10:30~12:00 **Cardiothoracic Surgen-performed Ultrasound: its use in Clinical Practice**
좌장: 정진용(가톨릭대학교 인천성모병원)

- 10:30~10:55 Principle Based Applications of the Ultrasonography for Vascular Surgery 김태식(인천한림병원)
- 10:55~11:20 The utility of Clinical Ultrasound in Trauma 김도완(전남대학교병원)
- 11:20~11:45 Practical Point of the Ultrasonography at Intensive Care 김재범(계명대학교병원)
- 11:45~12:00 Discussion



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ITMIG 2018

The 9th International Thymic Malignancy Interest Group Annual Meeting

WELCOME MESSAGE



Dear Colleagues and Friends,

It is our great pleasure to invite you to attend the 9th International Thymic Malignancy Interest Group Annual Meeting (ITMIG 2018), in conjunction with the 50th Annual Meeting of the Korean Society for Thoracic and Cardiovascular Surgery to be held on October 25–27, 2018, at the Grand Walkerhill Hotel, Seoul, South Korea.

The ITMIG is the premier multi-disciplinary international organization focused on the thymic gland and tumors. The ITMIG annual meeting provides an ideal forum to exchange the knowledge of latest scientific advances, shares ideas in the new development of clinical management, and provides unique networking opportunities. This year's Conference will bring together all clinicians, researchers, and scientists from all over the world, and we will obtain and discuss information about advances in the management of thymic malignancies.

As all of you may expect, Seoul, the host city of the ITMIG 2018, is the Capital of South Korea where tradition and modern, nature and highly advanced technology co-exist in a harmonious manner. With fascinating ancient traditions and ultramodern lifestyle in Seoul, we wish you an enjoyable stay and many unforgettable memories.

Please save the date and we are looking forward to welcoming you all to ITMIG 2018 in Seoul!

Best regards,

Ki-Bong Kim, MD, PhD

President

The Korean Society of Thoracic and Cardiovascular Surgery



**October
25–27, 2018**

The Grand Walkerhill Hotel,
Seoul, South Korea

ITMIG 2018

The 9th International Thymic Malignancy Interest Group Annual Meeting

REGISTRATION

Registration

	Early Registration	Late-/Onsite Registration
	Before September 16	After September 16
ITMIG Member	400 USD	450 USD
Non ITMIG Members	550 USD	650 USD
Students, Fellows, Nurses, Advocates, Patients*	150 USD	200 USD
Gala Dinner	100USD	-

* Gala Dinner requires a separate registration and has limited seating.

Included in Registration

- Conference Materials incl. Onsite Program
- Access to Scientific Sessions
- Access to Exhibit Hall
- Networking Breaks
- Lunches
- Welcome Reception

Payment Method

You can pay the registration fee by Bank Transfer or Credit Card.

- Beneficiary: The Korean Society for Thoracic & Cardiovascular Surgery
- Bank Name: KEB Hana Bank (Seongbuk-Dong Branch)
- Account Number: 187-910004-10104
- Swift Code: KOEXKRSEXXX
- Address: 94-1, Seongbuk-Dong, Seongbuk-gu, Seoul, 136-823, Korea

Refund and Cancellation Policy

Registration cancellations received in writing at the ITMIG Secretariat's address by **September 17, 2018** will be accepted and all fees refunded, less a 50 USD administrative fee. Cancellations received after **September 17, 2018** will not be refunded; however, transfer of your registration to another person is acceptable. This change can be made by re-accessing your online registration.

In the unlikely event that ITMIG is cancelled, travel and accommodation costs will not be refunded.



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TOUR

Optional Tour

Tour Program

Tour Title	Price (USD)	Date
DMZ Tour	\$25	<input type="checkbox"/> 25 October. Thursday
Korean Culture Tour	Free	<input type="checkbox"/> 26 October. Friday

Contact Information:

E-mail jisang-support@jisang.co.kr, Phone +82-2-794-7348 (Ms. Jessica Kim)

*** DMZ tour costs must be paid at the time of pre-registration.**



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SCIENTIFIC PROGRAM



Thursday, October 25, 2018

The Grand Walkerhill Hotel, Seoul, South Korea

07:00~10:00	ITMIG Committee Meetings Open to All Conference Participants
07:00~07:30	Database Committee Meeting
07:30~08:30	Biology/Pathology Committee Meeting
08:30~09:30	Steering Committee Meeting
09:30~10:00	Education Committee Meeting
10:30~12:00	Local Hospital Visit (Asan Medical Center)
18:30	Welcome Reception (Walkerhill Theatre Lobby B1F Hotel) - with KTCVS



Friday, October 26, 2018
The Grand Walkerhill Hotel, Seoul, South Korea

09:00~10:00	ITMIG I – KART Presentations	Dong Kwan Kim Sang-hoon Jheon	Asan Medical Center, Korea Seoul Natinal Univ., Korea
09:00~09:20	Impact of Lymph Node Dissection on Thymic Malignancy: The Korean Association for Research on the Thymus (KART) Database Study	YooHwa Hwang	SMG-SNU Boramae Medical Center, Korea
09:20~09:40	Minimally Invasive Surgery of Thymic Tumors	Geun Dong Lee	Asan Medical Center, Korea
09:40~10:00	Technical Advances of Radiotherapy for Thymic Epithelial Tumors	Jae Myoung Noh	Samsung Medical Center, Korea
10:00~10:30	Coffee Break		
10:30~11:00	ITMIG Projects – ITMIG Database and Other Updates		
11:00~12:30	ITMIG II – Imaging	Edith Marom Soon Ho Yoon	The University of Tel Aviv, The Chaim Sheba Medical Center, Israel Seoul National University Hospital, Korea
11:00~11:20	Approach to Prevascular Mass	Nori Tomiyama	Osaka University, Japan
11:20~11:35	Clinical TNM Staging of Thymic Epithelial Malignancies	Jeanne Ackman	Harvard Medical School, USA
11:35~12:00	Determining Extent of Invasion and Follow-Up of Thymic Epithelial Malignancies	Marcelo Benveniste	The University of Texas MD Anderson Cancer Center, USA
12:00~12:20	Management of the Incidentally Detected Prevascular Mass	Soon Ho Yoon	Seoul National University Hospital, Korea
12:20~12:30	Imaging Panel Questions and Answers	Edith Marom, Nori Tomiyama, Jeanne Ackman, Marcelo Benveniste, Soon Ho Yoon	
12:30~13:30	Luncheon		
13:30~15:00	ITMIG III – Abstracts	Kook Joo Na Alan Kirk	Chonnam National University Hospital, Korea Golden Jubilee National Hospital, Scotland, United Kingdom
13:30~13:40	Tumor Size as a Prognostic Factor in Limited Stage Thymic Epithelial Tumors: A Multicenter Analysis	Jae Kwang Yun	Asan Medical Center, Ulsan University College of Medicine, Korea
13:40~13:50	Modified Subxiphoid Thoroscopic versus Unilateral Thoroscopic Approach for Early-stage Thymomas without MG	Jianyong Ding	Zhongshan Hospital, Fudan University, China
13:50~14:00	Compare Two Assessment Criteria for Thymic Epithelial Tumors after Chemoradiotherapy	Xingwen Fan	Fudan University Shanghai Cancer Center, China
14:00~14:10	Predictors of Occult Pleural Dissemination Detected Intraoperatively in Patients with Thymic Tumors	Weigang Zhao	Shanghai Jiao Tong University Affiliated Sixth People's Hospital, China
14:10~14:20	Prognostic Factor of T3N0M0 Thymic Epithelial Tumor with Complete Resection	Yi-Ting Yen	National Cheng Kung University Hospital, Taiwan
14:20~14:30	Incidence and Pathological Features of Thymomathous Myasthenia Gravis after Thymectomy at a Tertiary-level Center	Arthur Vieira	Vancouver, Canada
14:30~14:40	CD70 in Thymic Carcinoma: A Promising Diagnostic Marker	Jumpei Kashima	Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital, Japan
14:40~14:50	Thymic Carcinoma: Preliminary Data of Next Generation Sequencing (NGS) Analysis	Mirella Marino	IRCCS - Regina Elena National Cancer Institute, Italy
14:50~15:00	Gene Expression Profile Reveals New Biomarker for Novel Diagnosis and Therapy in Thymic and Pulmonary Carcinomas	Djeda Belharazem	University of Medicine Mannheim, Germany



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15:00~15:30	Coffee Break		
15:30~17:30	ITMIG IV – Clinical Decision Making for Minimally Invasive Approach	Frank Detterbeck Alper Toker	
15:30~15:45	Potential Red Flags for VATS and for RATS Thymectomy	Alper Toker	<i>Istanbul Medical School CAPA, Turkey</i>
15:45~16:00	Panel Discussion and Summary	Wentao Fang, Josh Sonett, Alper Toker, Marcin Zielinski	
	Developing a MIS Program for Invasive Tumors		
16:00~16:10	Is there a Threshold for Getting Over the Learning Curve for MIS for TET?	Josh Sonett	<i>Columbia University, USA</i>
16:10~16:20	Initiating a MIS TET Program: Case Selection, Simulation, Proctorship	Franca Melfi	<i>University Hospital of Pisa, Italy</i>
16:20~16:30	Using CUSUM Monitoring of a New Program	Nuria Novoa	<i>University Hospital of Salamanca, Spain</i>
16:30~16:45	Panel Discussion on Training	Josh Sonett, Franca Melfi, Nuria Novona, A Kirk, Yong Soo Choi	
	Node Dissection in an Era of Minimally Invasive Resection: Is It Important?		
16:45~16:55	What Extent of Node Sampling or Dissection is Appropriate?	In Kyu Park	<i>Seoul National University Hospital, Korea</i>
16:55~17:05	Difficulties in Node Assessment with MIS and Potential Solutions	Takashi Suda	<i>Fujita Health University, Japan</i>
17:05~17:15	Extent of Node Assessment and 9th Edition Refinement of TNM Stage Classification	Enrico Ruffini	<i>University of Torino, Italy</i>
17:15~17:30	Panel Discussion	In Kyu Park, Takashi Suda, Enrico Ruffini, Chang Yung Lee, Yoo Hwa Hwang, Meinoshin Okumura	
18:00	Gala Dinner (B1F, Walkerhill Theater, Grand Walkerhill Hotel)		



Saturday, October 27, 2018
The Grand Walkerhill Hotel, Seoul, South Korea

09:00~10:00	ITMIG V – Pleural	Sukki Cho Wentao Fang	
09:00~09:15	Chemotherapy for Stage IVA Thymic Tumors: Neoadjuvant or Adjuvant, Intrapleural or Systemic?	Nicolas Girard	<i>Institute Curie, France</i>
09:15~09:30	Surgery and Intrapleural Therapy for Stage IVA Thymic Tumors	Sukki Cho	<i>Seoul National University Bundang Hospital, Korea</i>
09:30~09:45	Radiotherapy for Stage IVA Thymic Tumors	Changlu Wang	<i>Shanghai Chst Hospital, China</i>
09:45~10:00	Panel Discussion	Nicolas Girard, Sukki Cho, Changlu Wang, Wentao Fang	
10:00~10:30	Coffee Break		
10:30~12:00	ITMIG VI – Medical Oncology/Basic Science	Sang-We Kim Nicolas Girard	
10:30~10:50	Deciphering the Biology of Thymic Tumors	Arun Rajan	<i>National Cancer Institute, USA</i>
10:50~11:10	Next Generation Sequencing: Is It Useful for Routine Practice?	Nicholas Girard	<i>Institute Curie, France</i>
11:10~11:30	Systemic Treatment of TET: Lessons from Clinical Trials	Keunchil Park	<i>Samsung Medical Center, Korea</i>
11:30~11:50	Immune Checkpoint Inhibitors: How to Move Forward?	Arun Rajan	<i>National Cancer Institute, USA</i>
11:50~12:00	Panel Discussion	Nicolas Girard, Keunchil Park, Arun Rajan	
12:00~13:00	Luncheon		
13:00~14:00	ITMIG VII – Abstracts	Kyung Young Chung Wentao Fang	
13:00~13:10	Comparison of Factors Affecting Length of Stay after Surgery for Thymic Tumors: Minimally Invasive vs Open Surgeries	Kwon Joong Na	<i>Seoul National University Hospital, Seoul National University College of Medicine, Korea</i>
13:10~13:20	The Importance of Measuring Acetylcholine Receptor Antibodies in Thymomas	Florit Marcuse	<i>Maastricht University Medical Center (MUMC+), Netherlands</i>
13:20~13:30	Adjuvant Chemotherapy Improved Survival of Completely Resected Squamous Thymic Carcinoma	Wang Changlu	<i>Shanghai Chest Hospital, China</i>
13:30~13:40	MRI for the Follow-up of Treated Thymic Epithelial Malignancies	Ariel Kerpel	<i>Chaim Sheba Medical Center at Tel Ha-Shomer, Israel</i>
13:40~13:50	The Role of Postoperative Radiotherapy in Stage II and III Thymoma: A Korean Multicenter Database Study	Seung Hwan Song	<i>Severance Hospital, Yonsei University College of Medicine, Korea</i>
13:50~14:00	A Dosimetric Comparison of VMAT and IMPT with and without Aperture for Thymic Cancer	Kwanghyun Jo	<i>Samsung Medical Center, Korea</i>
14:00~16:00	ITMIG VIII – Tumor Board		



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- P-001 Evaluation of the New TNM Staging System in 189 Patients with Thymic Carcinomas: Impact on Indication and Survival**
Yu Yang
Fudan University Shanghai Cancer Center, China
- P-002 Thymoma in Late-Onset Myasthenia Gravis Several Years after Initial Normal Chest Imaging: Two Illustrative Cases**
Pedro Rodriguez Cruz
University of Oxford, UK
- P-003 Thymoma in Early-Onset Myasthenia Gravis Following Prior Thymectomy with Normal Histology**
Pedro Rodriguez Cruz
Oxford University, UK
- P-004 Cetuximab in Pre-Treated Thymic Epithelial Tumors: A Monocentric Real Life Experience in Selected Population**
Margaret Ottaviano
Rare Tumours Reference Center, University Federico II of Naples, Italy
- P-005 IL-8 Can be used for the Differential Diagnosis of Thymic Epithelial Tumors**
Jianyong Ding
Zhongshan Hospital, China
- P-006 EGFR Signature in B Thymoma**
Giovannella Palmieri
Rare Tumours Reference Center, University Federico II of Naples, Italy
- P-007 KIT Mutation and Expression in Thymic Carcinomas - Clinicopathological and Molecular Analysis**
Malgorzata Szolkowska
National Tuberculosis and Lung Diseases Research Institute, Poland
- P-008 Occurrence of a Coexpression of the Thymic Markers CD5 and CD117 in a Series of 251 Lung Squamous Cell Carcinomas**
Thierry Molina
Hôpital Necker, AP-HP, Paris descartes University, France
- P-009 Different Pattern of PD-L1, STAT1 and STAT3 Expression with Survival in Thymoma and Thymic Carcinoma**
Yi-Ting Yen
National Cheng Kung University Hospital, Taiwan
- P-010 Abnormal wnt Signaling in Thymic Epithelial Tumors Inhibits Senescence and Aging Gene Signatures**
Xiaonan Zhang
Medical Faculty Mannheim, University of Heidelberg, Germany
- P-011 Thymoma Treatment Our Experience**
Fadil Gradica
University Hospital "Shefqet Ndroqi", Albania

- P-012 Role of Neutrophil-to-Lymphocyte Ratio on Prognosis of Early-Stage, Radically Resected Thymomas**
Gianluca Perroni
Tor Vergata University, Italy
- P-013 Robotic Thymectomy - Does It Really Shorten the Learning Curve in Minimally Invasive Thymectomy?**
George Karimundackal
Tata Memorial Hospital, India
- P-014 The Role of Robotic Assisted Thoracoscopic Surgery in the Treatment of Large Malignant Thymic Tumours**
Henrietta Wilson
Barts Health NHS Trust, UK
- P-015 Multidisciplinary Management of Recurrence after Thymoma Radical Resection: An Italian Experience**
Enrico Ruffini
University of Torino, Italy
- P-016 Reconstruction of the Superior Vena Cava in Patients with Thymic Malignancies**
Lei Yu
Beijing Tongren Hospital, Capital Medical University, China
- P-017 Minimal Invasive Thymectomy is Feasible for the Surgical Treatment of Large Size Thymic Tumors**
Ning Xu
Shanghai Chest Hospital, China
- P-018 Is Minimally Invasive Thymectomy an Acceptable Approach for Locally Advanced Thymic Malignancies?**
Zhitao Gu
Shanghai Chest Hospital, China
- P-019 Exploratory Study of Guiding Significance for The Technology of CD-DST in The Chemotherapy of Thymoma**
Lei Yu
Beijing Tongren Hospital, Capital Medical University, China
- P-020 Long Term Outcomes in Patients Undergoing Surgical Resection of Thymoma: A Single Institution Experience**
Hannah Ng
Tan Tock Seng Hospital, Singapore
- P-021 The Significance of the Prognostic Nutrition Index in Patients with Thymic Carcinoma or Thymic Neuroendocrine Tumor**
Masahiro Yanagiya
The University of Tokyo Graduate School of Medicine, Japan

