

Date	Friday, Oct. 29, 2021															
Time/ Room	1F Lobby	201	203	301	401	402AB	402CD	403	405	202	205	101	4F Lobby			
07:30-08:00	Registration															
08:00-08:30																
08:30-09:00																
09:00-09:30		Opening Ceremony & Keynote Session								VIP Lounge	Secretariat Room & Preview Room	Exhibition Area 08:00-17:00				
09:30-10:00																
10:00-10:30																
10:30-11:00		Coffee Break														
11:00-11:30		Plenary Session														
11:30-12:00		11:00-12:15														
12:00-12:30		Lunch														
12:30-13:00																
13:00-13:30																
13:30-14:00			備用教室	備用教室	TATCS Award (心外-理事長獎)	Cardiac 1 (Free Papers I)	Thoracic 1 (Esophagus)	備用教室	備用教室							
14:00-14:30		VV 1 (COVID-19)														
14:30-15:00		Coffee Break														
15:00-15:30																
15:30-16:00	VA 1 (LV Deloading)	備用教室	備用教室	備用教室	Cardiac 2 (Anti-Diabetic Drug and Broaden Heart	Thoracic 2 (Chest Trauma and Mediastinum) 15:30-16:45	備用教室	備用教室								
16:00-16:30																
16:30-17:00																
18:00-20:00	Faculty Dinner (By Invitation)															

[illegible]

Date	Sunday, Oct. 31, 2021																			
Time/ Room	1F Lobby	201	203	301	401	402AB	402CD	403	405	202	205	101	4F Lobby							
07:30-08:00	Registration																			
08:00-08:30																				
08:30-09:00		ECMO: Keep walking			YIA Oral & Best Poster Session	110年度心臟血管外科手術縫合研討會 (Sponsored by Medtronic)	Cardiac 7	Thoracic 7 (Free Papers) 08:30-09:45	Workshop (Scenarios Group 1) 08:30-10:30	Workshop (Scenarios Group 2) 08:30-10:30	VIP Lounge	Secretariat Room & Preview Room	Exhibition Area 08:00-10:30	Poster Area						
09:00-09:30																				
09:30-10:00																				
10:00-10:30		Coffee Break 10:00-10:20	Coffee Break	Coffee Break																
10:30-11:00		APELSO Country Present 10:20-11:50	備用教室	Cardiac 8 (Free Papers II)	Thoracic 8 (Lung Transplantation)		Coffee Break 10:30-10:45													
11:00-11:30		Closing Ceremony		心臟血管外科手術縫合實作訓練營 (Sponsored by Medtronic)					Workshop (Scenarios Group 2) 10:45-12:45	Workshop (Scenarios Group 1) 10:45-12:45	TwECMO25 Meeting (贈外殖生學會會員大會)									
11:30-12:00																				
12:00-12:30																				
12:30-13:00																				
13:00-13:30	Lunch Symposium 6 (Sponsored by Abiomed and HsinTung Company)																			
13:30-14:00								Lunch 12:45-13:15												
14:30-15:00								Workshop Lecture 13:15-14:45												
15:00-16:30								Coffee Break 14:45-15:00												
16:30-17:00								Workshop Lecture 15:00-16:30												

October 29, 2021

Session:	Opening Ceremony & Keynote Session			
Session Time:	09:00-10:30			
Venue:	Room 201			
Time	Duration (Mins.)	Topic	Speaker	Moderator
09:00-09:05	5		Yih-Sharn Chen (Taiwan) <i>APELSO 2021 Conference Chairman</i>	Yih-Sharn Chen (Taiwan) Chien-Sung Tsai (Taiwan)
09:05-09:10	5		Chien-Sung Tsai (Taiwan) <i>Taiwan Association of Thoracic & Cardiovascular Surgery</i>	
09:10-09:35	25	講師自訂	Matthew Paden (USA) <i>ELSO President</i>	
09:35-10:00	25	OHCA-ECPR Review and the Experience in Europe	Jan Bělohávek (Czech Republic) <i>EuroELSO President</i>	
10:00-10:25	25	Through the Suffering of a Pandemic, We Can Rise Better, Stronger and More Together	John Fraser (Australia) <i>APELSO President</i>	

Session:	Plenary Session			
Session Time:	11:00-12:15			
Venue:	Room 201			
Time	Duration (Mins.)	Topic	Speaker	Moderator
11:00-11:25	25 (20+5Q/A)	VV-ECMO in Adult, Updated 2021 Guideline (VV, ARDS)	Eddy Fan (Canada)	
11:25-11:50	25 (20+5Q/A)	New Insights of Extracorporeal Membrane Oxygenation in Adult Post-Cardiotomy Cardiogenic Shock	Roberto Lorusso (Netherlands)	
11:50-12:15	25 (20+5Q/A)	ECMO and Infection - When One Leads to the Other	Graeme MacLaren (Singapore)	

Session:	VV 1 - COVID-19			
Session Time:	13:30-15:00			
Venue:	Room 201			
Time	Duration (Mins.)	Topic	Speaker	Moderator
13:30-13:45	15	The Evidence for ECMO in COVID-19	Daniel Brodie (USA)	
13:45-14:00	15	ECMO for Severe COVID- 19	Matthieu Schmidt (France)	
14:00-14:15	15	Outcome of COVID-19 on VV-ECMO	Christian Karagiannidis (Germany)	
14:15-14:30	15	ECMO in COVID-19 Pandemic, Japan Experience	Keiki Shimizu (Japan)	
14:30-14:45	15	Long-Term Outcomes after ECMO	Carol Hogson (Australia)	
14:45-15:00	15	Panel Discussion		

Session:	VA 1 - LV Deloading			
Session Time:	15:30-17:00			
Venue:	Room 201			
Time	Duration (Mins.)	Topic	Speaker	Moderator
15:30-15:45	15	Percutaneous VAD and VA-ECMO, Cooperation or Competition? (VA)	Alain Combes (France)	
15:45-16:00	15	Unloading of the Left Ventricle During Veno-Arterial Extracorporeal Membrane Oxygenation: New Evidences From Experimental Studies	Roberto Lorusso (Netherlands)	
16:00-16:15	15	LV Venting During VA ECMO	Jae Seung Jung (South Korea)	
16:15-16:30	15	What is the Impact of LV Unloading in Patient with Acute Heart Failure, Acute Myocardial Infarction and Myocarditis?	Carsten Tschoepe (Germany)	
16:30-16:45	15	VA ECMO With Transapical LV Vent for Severe LV Dysfunction Patient	Pranya Sakiyalak (Thailand)	
16:45-17:00	15	Panel Discussion		

October 30, 2021

Session:	VV 2 - Position, Sedation, and Ventilation			
Session Time:	08:20-09:50			
Venue:	Room 201			
Time	Duration (Mins.)	Topic	Speaker	Moderator
08:20-08:35	15	Optimal Sedation Strategy in ECMO Care	Toshiyuki Aokage (Japan)	Jun-Neng Roan (Taiwan)
08:35-08:50	15	Turn-Over the Patient with ECMO: Prone Position	Kollengode Ramanathan (Singapore)	
08:50-09:05	15	Prone Positioning during Adult VV-ECMO: What Do We Know So Far?	Ricky, Wai Kit Chan (Hong Kong)	
09:05-09:20	15	When Will I Add an Additional Pump, VA+VV?	Jun-Neng Roan (Taiwan)	
09:20-09:35	15	ECMO Transport – Has COVID-19 Changed Anything?	Shay McGuinness (New Zealand)	
09:35-09:50	15	Panel Discussion		

Session:	Free Papers I			
Session Time:	08:20-09:50			
Venue:	Room 301			
Time	Duration (Mins.)	Topic	Speaker	Moderator
08:20-08:30	10(8+2Q/A)	Litigations Against Physicians Involved in ELSO in Taiwan	Pyng-Jing Lin (Taiwan)	
08:30-08:40	10(8+2Q/A)	Out-of-Hospital Cardiac Arrest due to Syphilis Aortitis-related Aortic Insufficiency: ECPR or Not?	Hsiao-En Tsai (Taiwan)	
08:40-08:50	10(8+2Q/A)	Comparison of Revascularization Strategy for Acute Myocardial Infarction with Prolonged Cardiac Arrest Requiring Extracorporeal Membrane Oxygenation	Chun-Chen Huang (Taiwan) (YIA)	
08:50-09:00	10(8+2Q/A)	How It Started, How It is Going: Single Institution's Experience in Extracorporeal Cardiopulmonary	Chan-Yang Hsu (Taiwan) (YIA)	
09:00-09:10	10(8+2Q/A)	Different Myocardial Perfusion Patterns in Computed Tomography of Patients After Extracorporeal Cardiopulmonary Resuscitation for Acute Myocardial Infarction with Out-of-hospital Cardiac Arrest	Yu-Cheng Huang (Taiwan)	
09:10-09:20	10(8+2Q/A)	The Role of Pump Controlled Retrograde Trial Off (PCRTO) in Weaning Adult Patients with Venoarterial (V-A) ECMO: Experience from A Regional ECMO Center	Fung-Ming Lau (HongKong) (YIA)	
09:20-09:30	10(8+2Q/A)	Comparison between Different ECMO Implementation Policies for ARDS	Hsiao-En Tsai (Taiwan)	
09:30-09:40	10(8+2Q/A)	Does Combination of Intraaortic Balloon Pump and Venoarterial Extracorporeal Membrane Oxygenation Improve the Outcomes in Patients with Postcardiotomy Cardiogenic Shock?	Cheng-Shiun Shiue (Taiwan)	
09:40-09:50	10(8+2Q/A)	ECMO in End Stage Malignancy	Sz-Han Yu (Taiwan) (YIA)	

Session:	VA 2 - Pediatric VA ECMO			
Session Time:	10:15-12:00			
Venue:	Room 201			
Time	Duration (Mins.)	Topic	Speaker	Moderator
10:15-10:30	15	Neonatal and Pediatric Ventricular Support	Heng-Wen Chou (Taiwan)	Heng-Wen Chou (Taiwan)
10:30-10:45	15	How to Improve the Results of Pediatric Post-Cardiotomy ECMO (VA, Pediatric)	Warwick Butt (Australia)	
10:45-11:00	15	Strategy of Weaning Program in Ped VA ECMO? Timing for VAD?	Roberto Chilette (Australia)	
11:00-11:15	15	Awake Neonatal Extracorporeal Membrane Oxygenation	Mark T. Ogino (USA)	
11:15-11:30	15	Optimizing Availability of ECMO Technology for Children	Peta Alexander (USA)	
11:30-11:45	15	Nafamostat Mecilate as an Anti-Coagulant During Paediatric ECMO. Its Preventive Effect Against Cranial Bleeding of Neonates and Infants.	Naoki Shimizu (Japan)	
11:45-12:00	15	Panel Discussion		

Session:	VV 3 - Special Issue			
Session Time:	10:15-12:00			
Venue:	Room 301			
Time	Duration (Mins.)	Topic	Speaker	Moderator
10:15-10:30	15	Blood Stream Infection in ECMO	Ling-Yi Wei (Taiwan)	Ling-Yi Wei (Taiwan) Chih-Hsien Wang (Taiwan)
10:30-10:45	15	Lessons from ECMO for COVID-19 in China	Xiaotong Hou (China)	
10:45-11:00	15	ECMO as a Bridge to Lung Transplantation	Shingo Ichiba (Japan)	
11:00-11:15	15	Lessons from ECMO for COVID-19 in India	Urvi Shukla (India)	
11:15-11:30	15	Implementing ECMO Program in Indonesia During COVID-19 Pandemic	Eva Miranda Marwali (Indonesia)	
11:30-11:45	15	Use of Adsorbing Filter oXiris during Extracorporeal Membrane Oxygenation Support	Chih-Hsien Wang (Taiwan)	
11:45-12:00	15	Panel Discussion		

Session:	VV 4 - Pediatric VV ECMO			
Session Time:	13:40-15:10			
Venue:	Room 201			
Time	Duration (Mins.)	Topic	Speaker	Moderator
13:40-13:55	15	Pediatric ECPR Experience in NTUH	Shu-Chien Huang (Taiwan)	Shu-Chien Huang (Taiwan)
13:55-14:10	15	ECMO Use in COVID -19, Same as FLU or not? (VV,	In-Seok Jeong (South Korea)	
14:10-14:25	15	Pediatric intensive care preparedness and ECMO availability in children with COVID-19	Hwa Jin Cho (South Korea)	

14:25-14:40	15	The Inflammatory Response to ECMO in COVID-19 Patients (VV, COVID)	Jacky Suen (Australia)	Jing-Chien Huang (Taiwan)
14:40-14:55	15	Coming Together during COVID-19 and Beyond	Pauline Yeung Ng (Hong Kong)	
14:55-15:10	15	Panel Discussion		

Session:	VA 3 - Next Step after VA-ECMO			
Session Time:	13:40-15:10			
Venue:	Room 301			
Time	Duration (Mins.)	Topic	Speaker	Moderator
13:40-13:55	15	ECMO in Septic Cardiomyopathy or Mobilization on VV or VA ECMO	Cara Agestrabnd (USA)	Nai-Hsin Chi (Taiwan)
13:55-14:10	15	Building Bridges- My Patient Is on VA-ECMO for a Week, What Now?	Priya Nair (Australia)	
14:10-14:25	15	LVAD via Minimal Invasive Incision	Nai-Hsin Chi (Taiwan)	
14:25-14:40	15	What's New in Anticoagulation: What We Know and What's Coming!	Heidi Dalton (USA)	
14:40-14:55	15	Hemostatic Glues or Matrix Used for MCS/VAD Bleeding Control	Po-Shun Hsu (Taiwan) 婉拒參加	
14:55-15:10	15	Panel Discussion		

Session:	Special Issue on ECMO			
Session Time:	15:40-17:10			
Venue:	Room 201			
Time	Duration (Mins.)	Topic	Speaker	Moderator
15:40-15:55	15	Extracorporeal Membrane Oxygenation-Related Management for Right Ventricular Failure	Roberto Lorusso (Netherlands)	Meng-Yu Wu (Taiwan) Hung-Yen Ke (Taiwan)
15:55-16:10	15	ECMO in Traumatic Patients	Meng-Yu Wu (Taiwan)	
16:10-16:25	15	ECPR in Asia - What Next ?	Wai Ching , Simon Sin (Hong Kong)	
16:25-16:40	15	Does Cannulation Strategy Have the Effect on the Outcome of ECMO?	Xiaotong Hou (China)	
16:40-16:55	15	Prothrombin Complex Concentrates Used in MCS	Hung-Yen Ke (Taiwan)	
16:55-17:10	15	Panel Discussion		

Session:	Free Papers II			
Session Time:	15:40-17:30			
Venue:	Room 301			
Time	Duration (Mins.)	Topic	Speaker	Moderator

15:40-15:50	10(8+2Q/A)	Differential Impact of Mechanical Circulatory Support on Adult and Pediatric Fulminant Myocarditis Patients with Cardiogenic Shock	Yu-Tang Wang (Taiwan)	
15:50-16:00	10(8+2Q/A)	Superiority of Central over Peripheral Strategy in Rescuing Post-Cardiotomy Shock Patients - A Chronological Study in A Tertiary Center	Fan-Yen Lee (Taiwan)	
16:00-16:10	10(8+2Q/A)	Development of Bi-national Living, Evidence-based Guidelines for the Use of Extracorporeal Membrane Oxygenation (ECMO) in Australia and New Zealand	Madeline Wilkinson (Australia)	
16:10-16:20	10(8+2Q/A)	Role of Percutaneous Pulmonary Artery Cannulation in Extracorporeal Life Support for Acute Cardiac Failure	Chun-Cheng Huang (Taiwan) (YIA)	
16:20-16:30	10(8+2Q/A)	Pediatric Ventricular Assist Device: Patient Characteristics and Outcome from A Single Center	Sz-Han Yu (Taiwan) (YIA)	
16:30-16:40	10(8+2Q/A)	In Vitro Evaluation of Hemodynamic Energy Production and Circuit Loss using 4 Different ECMO arterial Cannulae	Silver Heinsar (Australia) (YIA)	
16:40-16:50	10(8+2Q/A)	Decompression of Left Heart by Trans-septal Drain for the Patients with Cardiac Arrest Resulted from Acute Myocardial Infarction	Fu-Chien Hsieh (Taiwan)	
16:50-17:00	10(8+2Q/A)	Venovenous Extracorporeal Membrane Oxygenation (VV-ECMO) and Enhanced Blood Purification Therapy for Severe Sepsis with Respiratory Failure	Sz-Han Yu (Taiwan) (YIA)	
17:00-17:10	10(8+2Q/A)	Association between Bleeding Complications and Rehabilitation Practice during Venovenous Extracorporeal Membrane Oxygenation: A Single Center Retrospective Observational Study	Akira Kawauchi (Japan) (YIA)	
17:10-17:20	10(8+2Q/A)	Comparable Survival Using Extracorporeal Membrane Oxygenation Support for Acute Fulminant Myocarditis with Confirmed versus Unconfirmed Viral Etiology	Lan-Pin Kuo (Taiwan)	
17:20-17:30	10(8+2Q/A)	The Use of Venovenous Extracorporeal Membrane Oxygenation in COVID-19 Infection: Single Institution's Experience	Chan-Yang Hsu (Taiwan) (YIA)	

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Session:	ECMO: Keep Walking			
Session Time:	08:30-10:00			
Venue:	Room 201			
Time	Duration (Mins.)	Topic	Speaker	Moderator
08:30-08:50	20	The Future Development of ECMO	Robert Bartlett (USA)	
08:50-09:05	15	A Preclinical Evaluation of a Novel Portable ECMO Device - The OASSIST ECMO System	Bingyang Ji (China)	
09:05-09:20	15	How to Start a New Program in New Site and the Training System	Richard Ming-Hui Lin (Taiwan)	
09:20-09:35	15	How to Establish Simulation Training of ECMO	Peter Chi Keung Lai (Hong Kong)	
09:35-09:50	15	The Covid-Critical-How APELSO Created a Truly Global Collaborative and Data Registry	John Fraser (Australia)	
09:50-10:00	10	Panel Discussion		

Session:	APELSO Country Present			
Session Time:	10:20-11:50			
Venue:	Room 201			
Time	Duration (Mins.)	Country	Speaker	Moderator
10:30-10:35	5	Australia	John Fraser	John Fraser (Australia) Yih-Sharng Chen (Taiwan) Chien-Sung Tsai (Taiwan) Xiaotong Hou (China)
10:35-10:40	5	China	Xiaotong Hou	
10:40-10:45	5	Hong Kong	Wai Ching, Simon Sin	
10:45-10:50	5	India		
10:50-10:55	5	Indonesia	Eva Miranda Marwali	
10:55-11:00	5	Japan	Shingo Ichiba	
11:00-11:05	5	Malaysia		
11:05-11:10	5	New Zealand	Shay McGuinness	
11:10-11:15	5	Philippines		
11:15-11:20	5	Singapore	Graeme MacLaren	
11:20-11:25	5	South Korea	Hwa Jin Cho	
11:25-11:30	5	Taiwan	Chih-Hsien Wang	
11:30-11:35	5	Thailand	Pranya Sakiyalak	
11:35-11:40	5	Vietnam		
11:40-11:45	5	Closing Remarks	John Fraser	
11:45-11:50	5	Wlecom Message for 2022 APELSO by Prof. Xiaotong Hou		

Simulation Section - Group 1			
Oct.31 / Room 403			
Dr.劉殷佐 Perfusionist: 何宗原 周勁曄			
Time-1	Time-2	Content	設備
08:30 - 09:00	10:45 - 11:15	Cardiac arrest on ECMO	
09:00 - 09:30	11:15 - 11:45	Sites and Technique of cannulation, pitfalls, Tips 'n' tricks, complications	
09:30 - 10:00	11:45 - 12:15	ECPR cutdown cannulation	
10:00 - 10:30	12:15 - 12:45	ECMO complication and management	
Simulation Section - Group 2			
Oct.31 / Room 405			
Dr.武孟餘 Specialist: 曾麗容 NP: 紀惠瑩			
Time-1	Time-2	Content	設備
08:30 - 09:00	10:45 - 11:15	Respiratory failure on ECMO	
09:00 - 09:30	11:15 - 11:45	Sites and Technique of cannulation, pitfalls, Tips 'n' tricks, complications	
09:30 - 10:00	11:45 - 12:15	Under ECHO guide cannulation and ventilator setting	
10:00 - 10:30	12:15 - 12:45	ECMO monitoring with Laboratory interpret and management	

午餐時間半小時，大會提供

ECMO Workshop - Lecture section		
Oct.31 / Room 403		
Time	Topic	Speaker
13:15 - 13:45	ECMO overview and Physiology	黃書健
13:45 - 14:15	ECMO Indication	武孟餘
14:15 - 14:45	ECMO vascular access and complication	阮俊能
14:45 - 15:00	Coffee Break	
15:00 - 15:30	ECMO component and setup	賴建亨
15:30 - 16:00	Anticoagulation and trigger for transfusion	蔡宜廷
16:00 - 16:30	ECMO weaning and decannulation	王植賢

October 29, 2021

Session:	TATCS Award - 心外理事長獎			
Session Time:	13:30-14:30			
Venue:	Room 401			
Time	Duration (Mins.)	Topic	Speaker	Moderator
13:30-13:45	15 (12+3 Q/A)	ProT-a Gene Transfer Attenuates Cardiopulmonary Remedying and Mortality in a Flow-Induced Pulmonary Hypertension Rat Model	Jun-Neng Roan 阮俊能 (成大)	蔡建松 Chien-Sung Tsai 張重義 Chung-I Chang 虞希禹 Hsi-Yu Yu
13:45-14:00	15 (12+3 Q/A)	Effects of Fluoroquinolones on Outcomes of Patients with Aortic Dissection or Aneurysm	Shao-Wei Chen 陳紹緯 (林長)	
14:00-14:15	15 (12+3 Q/A)	Simultaneous Thrombolysis and Extracorporeal Membrane Oxygenation for Acute Massive Pulmonary Emboli	Ting-Wei Lin 林鼎圍 (義大)	
14:15-14:30	15	Panel Discussion + 頒獎		

Session:	Cardiac 1 - Free Papers I			
Session Time:	13:30-15:00			
Venue:	Room 402AB			
Time	Duration (Mins.)	Topic	Speaker	Moderator
13:30-13:40	10	Early Surgical Correction in A 2-day-old Term Female Neonate with Cantrell Syndrome with Ectopic Left Ventricular Diverticulum	Yu-Huei Lin (Taiwan)	張仁平 Jen-Ping Chang 施俊哲 Chun-Che Shih 林萍章 Pyng-Jing Lin
13:40-13:50	10	Commando Operation for Double Valve Replacement in Patients with Severe Mitral Annulus Calcification.	Ling-Yi Wei (Taiwan)	
13:50-14:00	10	Application of Supercritical Carbon Dioxide Decellularized Vascular Scaffold in Vascular Graft	Shih-Ying Sung (Taiwan)	
14:00-14:10	10	Use Radiopaque String for Marking the Coronary Artery Bypass Graft Ostia - A Simple Technique	Chih-Chien Yen (Taiwan)	
14:10-14:20	10	Impact of Prosthesis-Patient Mismatch after Aortic Valve Replacement: A Single-Centre Experience	Huai-Hsuan Tung (Taiwan)	
14:20-14:30	10	Surgical Management for Mechanical Valve Dysfunction in Aortic Position: A Single-Center Experience in A 10-Year Duration	Chi-Fu Cheng (Taiwan)	
14:30-14:40	10	Early Result in Total Aortic Arch Replacement with In-situ Stent Graft Fenestration with Frozen Elephant Trunk in Acute Type A Aortic Dissection: MMH Experience.	Yu-Huei Lin (Taiwan)	
14:40-14:50	10	Decision Making on OHCA(ROSC) Patient with Acute Type A Aortic Dissection	Chung-Ting Kuo (Taiwan)	
14:50-15:00	10	Minimally Invasive Extra-anatomical Bypass + Zone 0 Stenting for Redo Surgery of Chronic Type A Dissection	Yee-Hern Lye (Taiwan)	

Session:	Thoracic 1 - Esophagus (論文獎)			
Session Time:	13:30-15:00			
Venue:	Room 402CD			

Time	Duration (Mins.)	Topic	Speaker	Moderator
13:30-13:45	15	Active Surveillance or Early Resection for Ground-Glass Nodules That Need Preoperative Localization	Ping-Chung Tsai 蔡秉中(Taipei Veterans General Hospital)	曾堯麟 Yau-Lin Tseng 許瀚水 Han-Shui Hsu
13:45-14:00	15	Impact of Child-Pugh Class a Liver Cirrhosis on Perioperative Outcomes of Patients with Oesophageal Cancer: A Propensity Score-Matched Analysis	Chuan Cheng 鄭荃 (Chang Gung Memorial Hospital)	
14:00-14:15	15	The Long-Term Clinical Impact of Thoracic Endovascular Aortic Repair (TEVAR) for Advanced Esophageal Cancer Invading Aorta	Ke-Cheng Chen 陳克誠 (National Taiwan University Hospital)	
14:15-14:30	15	Malignancy Prediction Capacity and Possible Prediction Model of Circulating Tumor Cells for Suspicious Pulmonary Lesions	Ching-Yang Wu 吳青陽 (Chang Gung Memorial Hospital)	
14:30-14:45	15	Clinicopathological Significance of Pathologic Complete Lymph Node Regression After Neoadjuvant Chemoradiotherapy in Esophageal Squamous Cell	Po-Kuei Hsu 徐博奎 (Taipei Veterans General Hospital)	
14:45-15:00	15	Bruton's Tyrosine Kinase (BTK) Mediates Resistance to EGFR Inhibition in Non-Small Cell Lung Carcinoma	Kuang-Tai Kuo 郭光泰 (Taipei Medical University-Shuang Ho Hospital)	

Session:	Cardiac 2 - Anti-Diabetic Drug and Broaden Heart Protection (Sponsor by Eli Lilly and Company)			
Session Time:	15:30-17:00			
Venue:	Room 402AB			
Time	Duration (Mins.)	Topic	Speaker	Moderator
15:30-16:00	30	Latest Evidence: Empagliflozin Outcome Trail in Patients with Heart Failure	Javed Butler (USA)	Yih-Sharnng Chen (Taiwan)
16:00-16:20	20	Broaden Heart Protection: Heart Failure in Patients with or without Type 2 Diabetes	Hung-Yu Chang (Taiwan)	
16:20-16:50	30	GLP-1 Receptor Agonists Beyond the Treatment of Type 2 Diabetes in CVS	Yi-Ting Tsai (Taiwan)	Chien-Sung Tsai (Taiwan)
16:50-17:00	10	Panel Discussion		

Session:	Thoracic 2 - Chest Trauma and Mediastinum			
Session Time:	15:30-16:45			
Venue:	Room 402CD			
Time	Duration (Mins.)	Topic	Speaker	Moderator
15:30-16:00	30 (25+5Q/A)	Chest Trauma and Rib Fixation	Silvana Marasco (Australia)	黃才旺 Tsai-Wang Huang 莊政諺 Cheng-Yen Chuang
16:00-16:15	15	The Advantages of 3D Printing in The Surgical Fixation of Traumatic Rib Fractures	Ti-Hui Wu (Taiwan)	
16:15-16:30	15	Combination of Machine Learning and Dynamic Contrast Enhanced Magnetic Resonance Imaging for Differentiating Anterior Mediastinal Tumor	Chao-Chun Chang (Taiwan)	
16:30-16:45	15	The Predictors of Post Thymectomy Myasthenia Crisis - TSGH Experience and Review of the Literatures.	Yen-Shou Kuo (Taiwan)	

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Session:	Cardiac 3 - TAVR			
Session Time:	08:20-09:50			
Venue:	Room 402AB			
Time	Duration (Mins.)	Topic	Speaker	Moderator
08:20-08:50	30 (20+10 Q/A)	Technique for Unfavorable Anatomies for TAVR and Alignment Issue for Post TAVR PCI.	Gilbert H. L. Tang (USA)	李國楨 Kuo-Chen Lee 陳懷民 Huai-Min Chen 林致源 Chih-Yuan Lin
08:50-09:20	30 (20+10 Q/A)	Surgical Valve Determination in the TAVR Era and Valve in Valve in TAVR.	Vinayak Bapat	
09:20-09:50	30 (20+10 Q/A)	TAVR for Bicuspid AS Patients in Taiwan	Yung-Tsai Lee	

Session:	Thoracic 3 - Lung Cancer 1			
Session Time:	08:20-10:00			
Venue:	Room 402CD			
Time	Duration (Mins.)	Topic	Speaker	Moderator
08:20-08:35	15	The Prognostic Impact of Nodal Response in the Patients of Esophageal Cancer with Complete Pathological Response of the Primary Tumor (ypT0) after Neoadjuvant Chemoradiation and Esophagectomy	Wen-Yao Lee (Taiwan)	趙盈凱 Ying-Kai Chao 鄭清源 Ching-Yuan Cheng 楊志新 Chih-Hsin Yang
08:35-08:50	15	Lung Cancer Recurrence Between Uniport or Multiport Video-assisted Thoracic Surgery	Hsiu-Ping Chou (Taiwan)	
08:50-09:20	30 (25+5 Q/A)	New Era of Immunotherapy as Neoadjuvant Therapy in Resectable NSCLC	Jonathan Spicer (Canada)	
09:20-10:00	30 (25+5 Q/A)	How Pembrolizumab (Keytruda) Brings New Hope to Cancer Fight	Tetsuya Mitsudomi (Japan)	

Session:	Cardiac 4 - Ventricular Assistance Device			
Session Time:	10:30-12:00			
Venue:	Room 402AB			
Time	Duration (Mins.)	Topic	Speaker	Moderator
10:30-10:50	20	What Do We Learn from MOMENTUM 3 CAP Study	Christopher Thomas Salerno (USA)	蔡建松 Chien-Sung Tsai 黃正雄 Cheng-Hsiung Huang 黃書健 Shu-Chien Huang
10:50-11:10	20	LVAD Outcomes in Small Patients in Japan	Tomoyuki Fujita (Japan)	
11:10-11:30	20	Management of Right Ventricular Failure with Continuous Flow VADs in a Biventricular Configuration	David McGiffin (Australia)	
11:30-11:50	20	Device Exchange from HeartMate II to HeartMate 3	Hsiao-Huang Chang (Taiwan)	
11:50-12:00	10	Panel Discussion		

Session:	Thoracic 4 - TKI and Others			
Session Time:	10:30-12:00			

Venue:	Room 402CD			
Time	Duration (Mins.)	Topic	Speaker	Moderator
10:30-11:00	30 (25+5 Q/A)	Treatment Strategies in Early EGFRm NSCLC Patients	Masahiro Tsuboi (Japan)	李章銘 Jang-Ming Lee 呂宏益 Hung-I Lu
11:00-11:30	30 (25+5 Q/A)	外賓邀請中		
11:30-11:45	15	Lobe Specific Lymph Node Dissection for Clinical Stage IB to II Upper Lobe NSCLC: A Single Center Experience	Chen-Yu Wu (Taiwan)	
11:45-12:00	15	Cost-Effectiveness Analysis of Thoracoscopic Versus Open Esophagectomy for Esophageal Cancer: A Population-Based Study	Yin-Kai Chao 趙盈凱 (Chang Gung Memorial Hospital)	

Session:	Cardiac 5 - Aortic and Mitral Valve Surgery			
Session Time:	13:40-15:10			
Venue:	Room 402AB			
Time	Duration (Mins.)	Topic	Speaker	Moderator
13:40-14:10	30 (20+10 Q/A)	Clinical Experiences for Haemodynamic Performance of Aavalus in Japan	Tomoyuki Fujita (Japan)	蔡建松 Chien-Sung Tsai 張忠毅 Chung-Yi Chang 張睿智 Jui-Chih Chang
14:10-14:40	30 (20+10 Q/A)	How to Simplified Mitral Annuloplasty and AF Ablation in Robotic Surgery	Fong-Chung Tsai (Taiwan)	
14:40-15:10	30 (20+10 Q/A)	How to Determine Artificial Chordae Length Pre-Operatively and Annuloplasty Ring Size Selection	I-Chen Chen (Taiwan)	

Session:	Thoracic 5 - Lung Cancer 2			
Session Time:	13:40-15:10			
Venue:	Room 402CD			
Time	Duration (Mins.)	Topic	Speaker	Moderator
13:40-14:10	30 (25+5 Q/A)	Transbronchial RF Ablation of Lung Nodules	Shiyue Li (China)	方信元 Hsin-Yuan Fang 林孟暉 Mone-Wei Lin
14:10-14:25	15	The Prognosis of Thoracoscopic Segmentectomy in Non-Peripheral Clinical Stage IA Non-Small Cell Lung Cancer	Ying-Yuan Chen (Taiwan)	
14:25-14:40	15	Algorithmic Approach with Negative Pressure Wound Therapy Improved Survival in Patients with Synchronous Hypopharyngeal and Esophageal Cancer Undergoing	Wen-Ruei Tang (Taiwan)	
14:40-15:10	30 (25+5 Q/A)	Bronchoscopic Thermal Vapor Ablation for Localized Cancer Lesion	Daniel P. Steinfert (Australia)	

Session:	Cardiac 6 - NeoChord Mitral Repair			
Session Time:	15:40-17:10			
Venue:	Room 402AB			
Time	Duration (Mins.)	Topic	Speaker	Moderator

15:40-16:10	30 (20+10 Q/A)	Transapical Mitral Valve Repair with Neochordae Implantation: Patient Selection & European Cases	Andrea Colli (Europe)	邱冠明 Kuan-Ming Chiu 鄭伯智 Bor-Chih Cheng 許榮彬 Ron-Bin Hsu
16:10-16:40	30 (20+10 Q/A)	Transapical Mitral Valve Repair with Neochordae Implantation: Patient Selection & Hong-Kong Cases	Daniel Chan Tai-Leung (Hong Kong)	
16:40-17:10	30 (20+10 Q/A)	Neochordae Technique in Mitral Valve Repair: Patient Selection & Taiwan Cases Sharing	Nai-Hsin Chi (Taiwan)	

Session:	Thoracic 6 - Other Lung Diseases			
Session Time:	15:40-17:10			
Venue:	Room 402CD			
Time	Duration (Mins.)	Topic	Speaker	Moderator
15:40-15:55	15	One-stage Thoracoscopic Resection for Bilateral Bronchiectasis	Ming-Ho Wu (Taiwan)	周世華 Shah-Hwa Chou 夏君毅 Jiun-Yi Hsia
15:55-16:10	15	Application of Newly Developed Chest Drainage Bags in Thoracoscopic Surgery	Ming-Ho Wu (Taiwan)	
16:10-16:40	30 (25+5 Q/A)	Bronchoscopic Thermal Vapor Ablation for Emphysema	Bing Lam (Hong Kong)	
16:40-16:55	15	Vascular Kv7 Channels Control Intracellular Ca ²⁺ Dynamics in Smooth Muscle	Yuan-Ming Tsai 蔡遠明 (Tri-Service General Hospital)	
16:55-17:10	15	Esophageal Stents with Minimally Surgical Intervention for Late Spontaneous Esophago-Cardiac Junction	Qi-Yao Leow (Taiwan)	

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Session:	Cardiac 7			
Session Time:	08:30-10:00			
Venue:	Room 402AB			
Time	Duration (Mins.)	Topic	Speaker	Moderator
08:30-09:00	30	Impella in Heart Failure Patients-When and Why ?	Carsten Tschoepe (German)	羅傳堯 Chwan-Yau Luo 蔡峯鈞 Feng-Chun Tsai 蔡宜廷 Yi-Ting Tsai
09:00-09:30	30	The Total Artificial Heart: What Have We Learned after 2,000 implants?	Marvin J. Slepian (USA)	
09:30-10:00	30	Optimizing Donor Hearts and Outcomes: The Future Is Here	Mani A. Daneshmand (USA)	

Session:	Thoracic 7 - Free Papers			
Session Time:	08:30-09:45			
Venue:	Room 402CD			
Time	Duration (Mins.)	Topic	Speaker	Moderator
08:30-08:45	15	A Case with Triple Cancer in Lung, Esophagus and Liver with Regional Disease	Meng-Wei Chung (Taiwan)	湯恩魁 En-Kuei Tang 郭光泰 Kuang-Tai Kuo
08:45-09:00	15	Pulmonary Metastatic Angiosarcoma from Liver in A 63-year-old Woman: A Case Report	Yu-Cheng Shen (Taiwan)	
09:00-09:15	15	Subsolid Pulmonary Nodules Detection Using Modified YoloV4 Model	Chao-Chun Chang (Taiwan)	
09:15-09:30	15	Extended Resection for Locally Advanced Thoracic Cancer with Cardiopulmonary Bypass	Yu-Wei Liu (Taiwan)	
09:30-09:45	15	Recurrence and Survival Outcomes of Segmentectomy and Lobectomy for 1-2 cm Non-small-cell Lung Cancer	Mu-Chou Lin (Taiwan)	

Session:	Cardiac 8 - Free Papers II			
Session Time:	10:30-12:00			
Venue:	Room 402AB			
Time	Duration (Mins.)	Topic	Speaker	Moderator
10:30-10:40	10	Waitlist Outcome of Pediatric Patients Supported with Ventricular Assist Device, Single Center Experience	Hsun-Yi Fu (Taiwan)	
10:40-10:50	10	Pediatric Ventricular Assist Device: Patient Characteristics and Outcome from A Single Center	Sz-Han Yu (Taiwan)	
10:50-11:00	10	Differential Impact of Mechanical Circulatory Support on Adult and Pediatric Fulminant Myocarditis Patients with Cardiogenic Shock	Yu-Tang Wang (Taiwan)	

11:00-11:10	10	Heart Lung Machine or ECMO?: Beating Heart CABG for Patient with Acute Coronary Syndrome Necessitating Pre-operative ECMO	Mao Ting (Taiwan)	邱肇基 Chaw-Chi Chiu 李芳艷 Fan-Yen Lee 李君儀 Jiun-Yi Li
11:10-11:20	10	Percutaneous Decommissioning of Left Ventricular Assist Device	Tzu-Hsien Chao (Taiwan)	
11:20-11:30	10	Superiority of Central over Peripheral Strategy in Rescuing Post-Cardiotomy Shock Patients - A Chronological Study in A Tertiary Center	Fan-Yen Lee (Taiwan)	
11:30-11:40	10	Result of Minimally Incision Approach for CentriMag Left Ventricular Assisted Device	Nai-Hsin Chi (Taiwan)	
11:40-11:50	10	Expand The Criteria for Heart Donation - A Case Report of Successful Heart Transplant Using A Donor Heart with Acute Myocardial Infarction	Chieh-Fu Chen (Taiwan)	
11:50-12:00	10	Ventricular Assist Device As Bridge to Heart Transplantation: A Single Center Experience	Chien-Ting Liu (Taiwan)	

Session: Thoracic 8 - Lung Transplantation				
Session Time: 10:30-12:00				
Venue: Room 402CD				
Time	Duration (Mins.)	Topic	Speaker	Moderator
10:30-11:30	60	Portable Ex-Vivo Lung Perfusion in Donation after Cardiac Death (DCD) Lung Transplantation	Gabriel Loor (USA)	徐紹勛 Hsao-Hsun Hsu 黃文傑 Wen-Chien Huang
11:30-11:45	15	Systematic Review of Endoscopic and Surgical Management of Benign Central Airway Stenosis	Chia-Chi Lee (Taiwan)	
11:45-12:00	15	Successfully Staging Surgery of Urgent Thoracic Endovascular Aortic Repair as A Bridge to Thoracic Aorta and Esophagus Reconstruction for Secondary Aortoesophageal Fistula – A Case	Shuoying Dai (Taiwan)	