

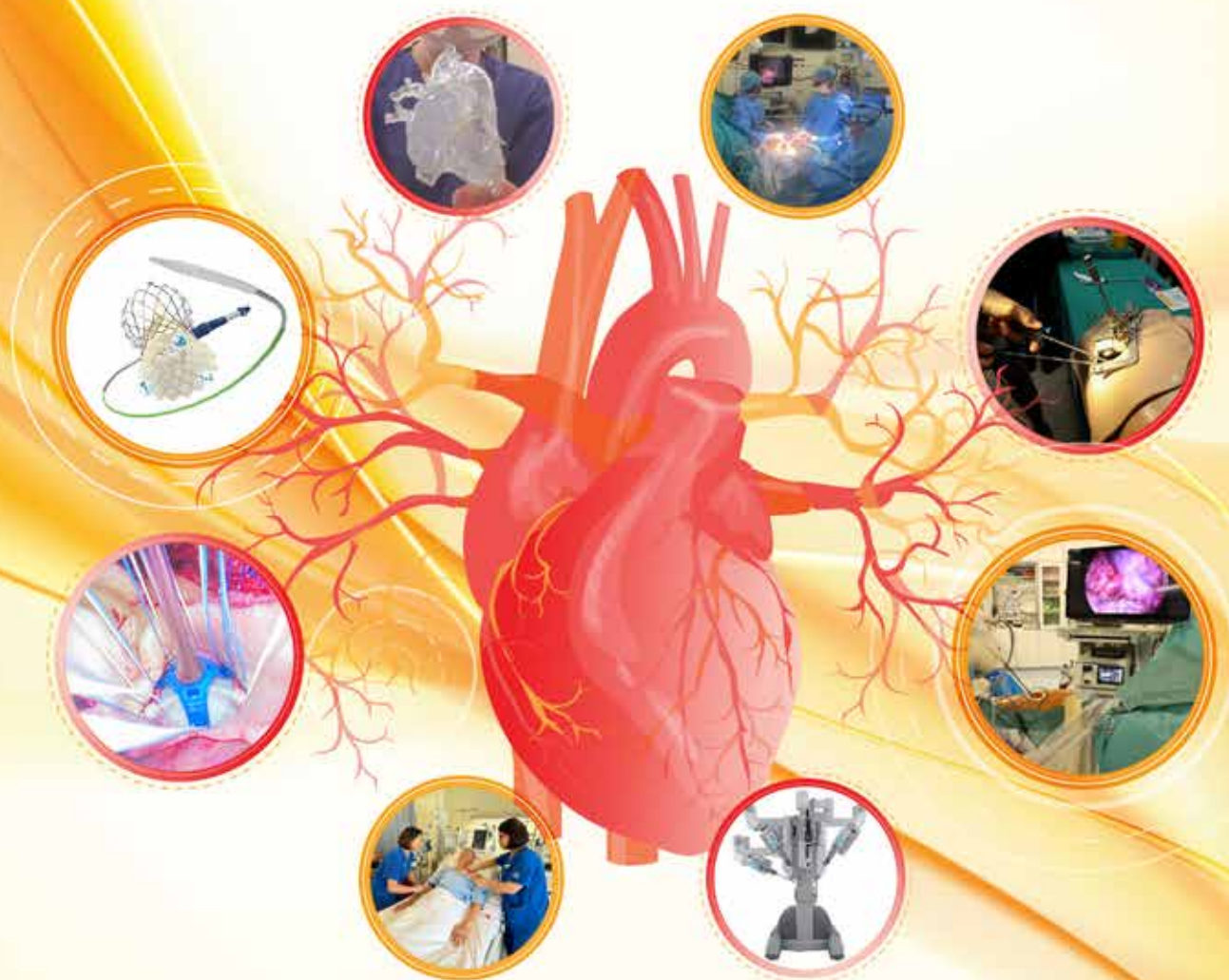
SINGAPORE ASCVTS 2025

The 33rd Annual Meeting of the Asian Society
for Cardiovascular and Thoracic Surgery

14 – 17 May 2025

Suntec Singapore Convention & Exhibition Centre

Progress, Innovation, Fellowship



E - PROGRAMME

Organised by:



In Collaboration with:



Organised by the Department of Cardiac
Thoracic and Vascular Surgery (CTVS)

Managed by:



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Held in:



www.ascvts2025.org



The 33rd Annual Meeting of the Asian Society
for Cardiovascular and Thoracic Surgery

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WELCOME MESSAGE FROM THE CONGRESS PRESIDENT

Warm Greetings from ASCVTS!

Welcome to the esteemed 33rd Annual Meeting of the Asian Society for Cardiovascular and Thoracic Surgery (ASCVTS) 2025, here in the vibrant city of Singapore from 14 – 17 May.

As we gather here, our foremost aim is to provide surgeons with an extensive platform to share their experiences and innovative ideas, ensuring a highly scientific and educational experience. We are excited to update our knowledge with the latest news, progress, innovations, and controversies within the realm of CTVS Surgery. This collaborative effort spans across academia, clinical CTV surgery, and industry, synergising our collective expertise for the advancement of our field.

Drawing participants from esteemed academic and research institutions alongside global industry partners, hosting ASCVTS in Singapore—a nexus of medical and economic vitality in the region—serves as a pivotal gateway to the broader Asian landscape. Over decades, our institutions have been instrumental in knowledge dissemination, technological advancements, and the training of countless surgeons. Let us build upon this rich legacy with an impactful conference that propels our field forward.

Throughout this Congress, you will gain invaluable insights into the latest trends and developments in Cardiovascular and Thoracic surgery, setting the stage for collaboration, learning, and progress.

Now is the time for an extraordinary celebration of CTV surgery, Science and Technology – embracing progress, innovation and fellowship.

We are excited to have you with us as we embark on this journey of discovery and advancement, shaping the future of cardiovascular and thoracic healthcare.

Thank you for being part of this transformative experience in Singapore!

Yours Sincerely

A handwritten signature in dark ink, appearing to read 'Theodoros Kofidis', written over a light blue rectangular background.

Prof Theodoros Kofidis
ASCVTS 2025 Congress President



ASCVTS 2025 ORGANISING COMMITTEE

Congress President	Prof Theodoros Kofidis (Adj) Full Professor, YLL School of Medicine, National University of Singapore
Scientific Chair	Dr Chang Guohao National University Heart Centre Singapore
<u>SCIENTIFIC COMMITTEE</u>	
Adult Cardiac	Dr Chang Guohao (Lead) National University Heart Centre Singapore
	Dr Qian Qi National University Heart Centre Singapore
	Prof Marco Solinas Fondazione Toscana G.Monasterio
	Dr Keita Kikuchi Tokyo Bay Urayasu Ichikawa Medical Center
	Dr Nuttapon Arayawudhikul Lampang Heart Center
	Dr Yap Cheng Hon St John of God Geelong Hospital
	Dr Wang Sheng Hebei Medical University
Aortic/Vascular	Adj A/Prof Vitaly A. Sorokin (Lead) National University Heart Centre Singapore
	Dr Dharmaraj Rajesh Babu (Co-Lead) National University Heart Centre Singapore
	Dr Jai Ajitchandra Sule National University Heart Centre Singapore
	Dr Qian Qi National University Heart Centre Singapore
	Prof Carlos A. Mestres The University of the Free State
	Prof Randolph Wong The Chinese University of Hong Kong
	Prof S. Chris Malaisrie Northwestern University Feinberg School of Medicine
	Dr Wilson Szeto University of Pennsylvania
	Mr Shakil Farid Cambridge University, Papworth Hospital



ASCVTS 2025 ORGANISING COMMITTEE

Cardiology meets Cardiac Surgery	Dr Yeo Tee Joo (Lead) National University Heart Centre Singapore
Congenital	A/Prof Laszlo Kiraly (Lead) National University Heart Centre Singapore
	Dr Winn Maung Maung Aye National University Heart Centre Singapore
	Prof Sertaç Çiçek Istanbul University Faculty of Medicine
	Prof Sivakumar Sivalingam National Heart Institute
	Dr Igor E. Konstantinov University of Melbourne
	Dr Kisaburo Sakamoto Mt. Fuji Shizuoka Children's Hospital
Critical Care & Life Support	Adj Prof Graeme MacLaren (Lead) National University Heart Centre Singapore
	Adj A/Prof Ramanathan K.R. National University Heart Centre Singapore
	Prof Giles Peek UF Health Congenital Heart Center
	Dr Inseok Jeong Chonnam National University Hospital
Nursing	Ms Doreen Chew (Lead) National University Heart Centre Singapore
	Ms Li Yao National University Heart Centre Singapore
	Ms Zhang Xiaoxia National University Heart Centre Singapore



ASCVTS 2025 ORGANISING COMMITTEE

Perfusion	Mr Goh Si Guim (Lead) National University Heart Centre Singapore
	Mr Ong Geok Seen National University Heart Centre Singapore
	Ms Angeline Chern National Heart Centre
	Mr Clement Chew National University Heart Centre Singapore
	Mr William Quak National University Heart Centre Singapore
	Ms Yap May Lee National Heart Centre
	Ms Giulia Gallio San Raffaele Scientific Institute
Research & Innovation	Prof Theodoros Kofidis (Lead) (Adj) Full Professor, YLL School of Medicine, National University of Singapore
	A/Prof Byung C. Moon Southlake Regional Health Centre
Thoracic	A/Prof John Tam Kit Chung (Lead) National University Heart Centre Singapore
	Dr Chen Jianye National University Heart Centre Singapore
	Dr Ong Boon Hean Singapore General Hospital
	Prof Stephen Yang The Johns Hopkins Hospital
Transcatheter Heart Valve Therapy	Asst Prof Jimmy Hon Kim Fatt (Lead) National University Heart Centre Singapore
	Dr Anson Cheung University of British Columbia
	Dr Gilbert H L Tang Mount Sinai Health System
	Dr Gorav Ailawadi University of Michigan Frankel Cardiovascular Center
	Dr Shinichi Fukuhara University of Michigan Cardiovascular Center
	Dr Vinayak Bapat CT Surgery Minneapolis Heart Institute



ASCVTS 2025 ORGANISING COMMITTEE

Transplant & Mechanical Support	A/Prof Chao Tar Toong Victor (Lead) National Heart Centre Singapore
	Prof Silvana Marasco, Monash University
Workshops	Dr Md Faizus Sazzad (Lead) National Heart Centre Singapore

ASCVTS 2025 ADVISORY MEMBERS

Prof Sanghoon Jheon	Seoul National University College of Medicine
Prof Minoru Ono	The University of Tokyo
Assoc Prof Chao Tar Toong Victor	National Heart Centre Singapore
Asst Prof Kristine Teoh Leok Kheng	National University Heart Centre Singapore

ASCVTS 2025 EXECUTIVE COMMITTEE MEMBERS

Society President	Prof Sanghoon Jheon	Seoul, Republic of Korea
Secretary General, Scientific Committee Chair, Adult Cardiac Domain Chair	Prof Minoru Ono	Tokyo, Japan
Treasurer, HP Committee Chair	Prof Jun Nakajima	Tokyo, Japan
Assistant SG in Seoul, Aortic Domain Chair	Prof Kay Hyun Park	Seoul, Republic of Korea
Councillor, 2025 Congress President, Education Committee Chair	Prof Theodoros Kofidis	Singapore



ASCVTs 2025 COUNCILLORS

Councillor, Editor in Chief	Prof Yutaka Okita	Kobe, Japan
Councillor, AATS Coordinator Chair, STS Coordinator	Prof Song Wan	Hong Kong SAR
Councillor, ASCVTs Database Chair	A/Prof Noboru Motomura	Chiba, Japan
Councillor	Prof Cheun Neng Lee	Singapore
Councillor, Elected 2026 Congress President	Sertaç M. Çiçek	Istanbul, Türkiye
Councillor	Dr Taweesak Chotivatanapong	Bangkok, Thailand
Councillor, AATS Coordinator	Prof Hiroshi Date	Kyoto, Japan
Councillor, AATS Coordinator	Prof Shunji Sano	Tokyo, Japan
Councillor, STS Coordinator, Paediatric Cardiac Domain Chair	Prof Hani Najm	Cleveland, United States
Councillor	Prof Asit Baran Adhikary	Dhaka, Bangladesh
Councillor, General Thoracic Domain Chair	Prof Jang Ming Lee	Taipei, Taiwan
Councillor	Dr Rajan Sethuratnam	Chennai, India
Councillor, Former 2024 Congress President	Prof Nianguo Dong	Wuhan, China
Councillor	Prof Chunsheng Wang	Shanghai, China
Councillor, EACTS Coordinator, STS Coordinator	Dr Alan Sihoe	Hong Kong SAR
Councillor, Asian-African Committee	Prof Akif Turna	Istanbul, Türkiye
Councillor	Prof Carlos A. Mestres	Switzerland
Councillor	Prof Hitoshi Yokoyama	Fukushima, Japan
Councillor, 21st Century	Prof Byung Choo Moon	Ontario, Canada
Councillor	Prof Young Nam Youn	Seoul, Republic of Korea
Historian	Prof Shinichi Takamoto	Tokyo, Japan



ORGANISING SOCIETY



THE ASIAN SOCIETY FOR CARDIOVASCULAR AND THORACIC SURGERY (ASCVTS)

ASCVTS traces its origins back to 1973 when it was established as the Asian Chapter of ISCVS, the International Society for Cardiovascular Surgery. Founded by esteemed cardiovascular surgeons such as Drs. DeBakey, Haimovici and other eminent cardiovascular surgeons.

In 1992, ASCVS initiated collaboration between Korea, Taiwan, and Japan, marking a significant expansion of its reach and influence. The inaugural meeting took place in Fukuoka, Japan, in 1993, laying the groundwork for collaborative efforts in the field of cardiovascular surgery.

ASCVS's evolution continued with a strategic shift in 2004. As ISCVS restructured to focus solely on vascular surgery (becoming ISVS), ASCVS gained independence. Recognising the broader spectrum of cardiovascular care, ASCVS embraced this opportunity to redefine itself. By 2008, this commitment to comprehensive patient care manifested in the incorporation of thoracic surgery, transforming ASCVS into ASCVTS.

Today, ASCVTS boasts over 1000 members from 30 countries. We stand on a legacy of excellence, fostering education, research, and collaboration to improve patient outcomes across Asia.





COLLABORATING SOCIETY



Organised by the Department of Cardiac,
Thoracic and Vascular Surgery (CTVS)

ABOUT THE DEPARTMENT OF CTVS AND NUHCS

The Department of Cardiothoracic and Vascular Surgery, embedded within the National University Heart Centre of Singapore, is a recognised academic research and clinical hub in the region.

The department, along with NUHCS, brings together resources, expertise, and capabilities in cardiology and cardiothoracic vascular surgery to better address the growing number of patients with heart disease and nurture the next generation of medical professionals. With a team of internationally recognised surgeons in the field of cardiothoracic and vascular surgery, the department has been awarded two institutional Peak of Excellence for its minimal invasive thoracic surgery and aortic programme. It has been ranked as the top institution in Southeast Asia for cardiac surgery for three consecutive years in Newsweek's Best Hospitals Award.

As a leading referral hub in Singapore and beyond, the department and NUHCS manage complex cardiovascular diseases, offering a wide spectrum of techniques and technologies. The CTVS team continues to make a significant impact on patients' lives by providing comprehensive, customised treatments and solutions for the most challenging heart, lung and circulatory diseases.

Core Clinical Programmes:

1. Acute Coronary Syndrome
2. Congenital & Structural Heart Disease
3. Heart Failure & Cardiomyopathy
4. Heart Rhythm
5. Vascular Medicine & Therapy
6. Women's Heart Health

Peaks of Excellence:

- Minimally Invasive Cardiothoracic Surgery
- Aortic Centre



GENERAL INFORMATION

At ASCVTS 2025, we strive to strike a balance between maintaining the strictest hygiene practices while being mindful of our impact on the environment. Our aim is to ensure a safe and comfortable Congress experience for everyone.

We will not be providing a printed Congress booklet and will minimise printed materials. The full Congress programme can be found on our website and the platform app.



DATE

14 – 17 May 2025



VENUE

Suntec Singapore Convention & Exhibition Centre, Level 3 and 4
1 Raffles Boulevard, Suntec City, Singapore 039593

Information on how to get to Suntec Singapore can be found [here](#).



WEBSITE

www.ascvts2025.org



CONGRESS MANAGED BY

Kenes MP Asia Pte Ltd
20 Kallang Avenue, PICO Creative Centre Level 2
Singapore 339411



LANGUAGE

The official language of the Congress is English. All presentations will be made in English.



INTERNET ACCESS

Complimentary WIFI is available within the Congress venue.



REGISTRATION

CONGRESS BADGE

Please note that your Congress badge is personal and non-transferable. You may collect your Congress badge at the Registration Area.

Name badges must be worn at all times for admittance to all ASCVTS 2025 programmes.

Kindly prepare your E-Ticket(QR Code)/Confirmation Email for a fuss-free badge collection process.

Please refer to the below table for opening hours:

Date, Day	Time (Singapore, GMT +8)
14 May, Wednesday – Day 1	0800 – 1800
15 May, Thursday – Day 2	0800 – 1600
16 May, Friday – Day 3	0730 – 1600
17 May, Saturday – Day 4	0730 – 1400

E-CERTIFICATE OF ATTENDANCE

e-Certificate of attendance will be sent via email 3 weeks after the Congress.



INVITED FACULTY

Salutation	Full Name	Country/Region
Prof	Akif Turna	Türkiye
Dr	Akio Ikai	Japan
Dr	Alan Sihoe	Hong Kong SAR
Ms	Alice Deo	Singapore
Prof	Alistair Royse	Australia
Prof	Anantharaman Vathsala	Singapore
Dr	Aneez Ahmed	Singapore
Dr	Anelechi C. Anyanwu	United States
Ms	Anne Hoo	Singapore
Prof	Anson Cheung	Canada
Dr	Antonios Pitsis	Greece
Prof	Arjang Ruhparwar	Germany
Dr	Atsuo Doi	Australia
Prof	Aung Ye Oo	United Kingdom
Dr	Avenilo L. Aventura Jr.	Philippines
Dr	Bijoy G Rajanshi	Nepal
Prof	Bob Kiaii	United States
Prof	Byung Choo Moon	Canada
Prof	Calvin Sze Hang Ng	Hong Kong SAR
Prof	Carlos A. Mestres	Spain
Dr	Christopher C. Cheng	Philippines
Prof	Chua Yeow Leng	Singapore
Prof	Chun Soo Park	Republic of Korea
Dr	Conal Austin	United Kingdom
A/Prof	Daniel Tai-Leung Chan	Hong Kong SAR
Dr	David Adams	
Dr	David Kalfa	United States
Prof	Davide Pacini	Italy
Prof	Duke Cameron	United States
Dr	Edgar Tay	Singapore
Dr	Eduard Charchyan	Russia
Prof	Eduard Quintana	Spain
Prof	Edward P Chen	United States
Dr	E-Shuen Wong	United Kingdom
Prof	Faisal G. Bakaeen	United States



INVITED FACULTY

Salutation	Full Name	Country/Region
Dr	Katherine Yue-Yan Fan	Hong Kong SAR
Prof	Filip Casselman	Belgium
Dr	Francis Joseph C.	Philippines
Prof	Friedhelm Beyersdorf	Germany
Dr	Gavin Ng	Singapore
Dr	Geetha Kayambu	Singapore
Dr	Gilbert H L Tang	United States
Prof	Giles Peek	United States
Ms	Gillian Wee Hwei Li	Singapore
A/Prof	Glenn Tan	Singapore
Dr	Haibo Zhang	China
Dr	Hailong Cao	China
Dr	Han Ki Park	Republic of Korea
Prof	Hani K. Najm	United States
Dr	Harish Muthiah	Singapore
Prof	He Jian-Xing	China
Prof	Hermann Reichenspurner	Germany
Prof	Hirofumi Takemura	Japan
Dr	Ho Kay Woon	Singapore
A/Prof	Hong Son	Vietnam
Dr	Huiming Guo	China
Prof	Igor E. Konstantinov	Australia
Dr	Inseok Jeong	Republic of Korea
Prof	Ivandito Kuntjoro	Singapore
Prof	Jang-Ming Lee	Taiwan
Ms	Janis Lim Jun June	Malaysia
Dr	Jason Chen	Singapore
Dr	Javier Tejero	Spain
Dr	Jeanne Ong	Singapore
Prof	Jeffrey Jeswant Dillon	Malaysia
Prof	Jia Hu	China
Dr	Jiangang Wang	China
A/Prof	Jinny Ha	United States
Dr	John Andrew M. Yam	Philippines
A/Prof	Jonathan Yap	Singapore



INVITED FACULTY

Salutation	Full Name	Country/Region
Prof	Jose Luis Pomar	Spain
Dr	Joseph F. Sabik	United States
Dr	Joseph Woo	United States
Dr	Kalliopi Athanassiadi	Greece
Dr	Karen Koh	Singapore
Prof	Kay-Hyun Park	Republic of Korea
Prof	Keita Kikuchi	Japan
Dr	Kemp Kernstine	United States
Prof	Kenny Sin	Singapore
Prof	Kisaburo Sakamoto	Japan
Dr	Korkut Bostanci	Türkiye
A/Prof	Kristine Teoh Leok Kheng	Singapore
Prof	Kyung Hwan Kim	Republic of Korea
Dr	Lee Yung Tsai	Taiwan
Dr	Li Yue	Singapore
Dr	Lim Chong Hee	Singapore
Dr	Lim Yeong Phang	Singapore
Prof	Ling Lieng Hsi	Singapore
Dr	Loh Yee Jim	Singapore
Dr	Louis P. Perrault	Canada
Dr	Lowell Leow	Singapore
Prof	Malakh Shrestha	United States
Dr	Marc Moon	United States
Dr	Marco Solinas	Italy
Dr	Masakazu Nakao	Singapore
Dr	Mathew Chakaramakkil Jose	Singapore
Dr	Matthew Bott	United States
Dr	Maximilian Emmert	Switzerland
Dr	Melissa Levack	United States
Prof	Minoru Ono	Japan
Prof	Minoru Tabata	Japan
A/Prof	Mohammad Ziaur Rahman	Bangladesh
Prof	Murali P Vettath	India
Dr	Nai-Hsin Chi	Taiwan
Ms	Ng Yoke Leng	Singapore



INVITED FACULTY

Salutation	Full Name	Country/Region
Assoc Prof	Nishith Patel	New Zealand
Dr	Niv Ad	United States
Dr	Nuttapon Arayawudhikul	Thailand
Dr	Oleksandr Babliak	Ukraine
Dr	Ong Kim Kiat	Singapore
Prof	Ottavio Alfieri	Italy
Dr	Ourania Preventza	United States
Prof	Paneer Selvam Krishna Moorthy	Malaysia
Dr	Patrick Myers	Switzerland
Dr	Paul Martin M. Garcia	Philippines
Prof	Peter Licht	Denmark
Dr	Peyman Sardari Nia	The Netherlands
Dr	Philip Pang	Singapore
A/Prof	Piroze Davierwala	Canada
A/Prof	Prasanta Kumar Chanda	Bangladesh
Dr	Rajan Sethuratnam	India
Dr	Rajiv Santosham	India
Prof	Randolph Wong	China
Dr	Rawn Salenger	United States
Prof	Richard A. Jonas	United States
Dr	Rick Fischel	United States
Dr	Robert James Cusimano	Canada
Prof	Roberto Di Bartolomeo	Italy
Dr	Robin Augustine Q. Flores	Philippines
Dr	Ruggero de Paulis	Italy
Prof	Rui M S Almeida	Brazil
Prof	Rune Haaverstad	Norway
Prof	S. Chris Malaisrie	United States
Dr	Saeid Hosseine	Iran
Prof	Sanghoon Jheon	Republic of Korea
Dr	Saraansh Bansal	India
Dr	Sathyaki P Nambala	India
Prof	Sertaç M. Çiçek	Türkiye
Dr	Shahrul Amry Hashim	Malaysia
Mr	Shakil Farid	United Kingdom



INVITED FACULTY

Salutation	Full Name	Country/Region
Prof	Shinichi Fukuhara	United States
Dr	Shu Chen	China
Prof	Shuben Li	China
Prof	Shuichiro Takanashi	Japan
Prof	Silvana Marasco	Australia
Prof	Sivakumar Sivalingam	Malaysia
Dr	Sivathasan Cumaraswamy	Singapore
Prof	Song Wan	Hong Kong SAR
Dr	Soon Sing Yang	Malaysia
Prof	Sotirios Prapas	Greece
Dr	Stephen Fremez	Canada
Prof	Stephen Yang	United States
Prof	Suk-Won Song	Republic of Korea
Prof	Surendra K Agarwal	India
Dr	Surin Woragidpoonpol	Thailand
Prof	Tae-Gook Jun	Republic of Korea
Prof	Takashi Suda	Japan
A/Prof	Tan Teing Ee	Singapore
Dr	Taweesak Chotivatanapong	Thailand
Prof	Terrence M. Yau	Canada
Dr	Thirugnanam Agasthian	Singapore
Prof	Thomas A Schwann	United States
Prof	Thomas A. D'Amico	United States
Dr	Thomas Kiefer	Germany
Prof	Ti Lian Kah	Singapore
Prof	Tomas Holubec	Germany
Dr	Toshiya Otsuka	Japan
Prof	Ufuk Demirkilic	Türkiye
Prof	Vegard Ellensen	Norway
Dr	Violet Hoon	Singapore
Prof	Vipin Zamvar	United Kingdom
Dr	Wang Sheng	China
Prof	Wentao Fang (Vincent)	China
Ms	Wijitra Jitmun	Thailand
Dr	William Kong	Singapore



INVITED FACULTY

Salutation	Full Name	Country/Region
Dr	Wilson Szeto	United States
Prof	Woong-Han Kim	Republic of Korea
Dr	Worawong Slisatkorn	Thailand
Prof	Xiang Wei	China
Ms	Xiao Li	Singapore
Dr	Yap Cheng Hon	Australia
Prof	Yeo Khung Keong	Singapore
Dr	Yih-Sharng Chen	Taiwan
Prof	Yin-Kai Chao	Taiwan
Dr	Yong Cui	China
Prof	Yutaka Okita	Japan
Prof	Zhao Deping	China
Dr	Zohair Y Al-Halees	Saudi Arabia



AWARDS

ASCVTS 2025 FURUSE AWARD

Applicants should be a member of ASCVTS, and the first author of the abstract must be a presenter of either an oral or poster presentation.

The award will be given to the best paper related to the Thoracic domain.

The finalists will be selected by the ASCVTS 2025 scientific committee based on the peer review of the content of the submitted abstracts and present their work at the "Furuse Award" Session. The finalists must complete his/her registration with full payment by the pre-registration deadline and should submit his/her manuscript of the full paper to Asian Annals.

Authors must read and adhere to the guidelines for submission of the manuscript. (<https://mc.manuscriptcentral.com/aan>)

Those manuscripts will be provided to discussants before the award presentation at ASCVTS 2025 and will be published in Asian Cardiovascular and Thoracic Annals after the presentation. The winning paper will be published in the Journal of Thoracic and Cardiovascular Surgery simultaneously.

The winner will be announced at the ASCVTS 2025 Gala Dinner & Awards Ceremony on 16 May, Friday, and will receive an honorarium of USD 1,000. This prize honorarium is given only when the manuscript has been submitted.

2025 AATS FOUNDATION/ASCVTS ACADEMIC EXCELLENCE AWARD

Applicants should be a member of ASCVTS, and the first author of the abstract must be a presenter of either an oral or poster presentation.

The award will be given to the best paper related to the Cardiovascular domain.

The finalists will be selected by the ASCVTS 2025 scientific committee based on the peer review of the content of the submitted abstracts and present their work at the "AATS Foundation Award" Session. The finalists must complete his/her registration with full payment by the pre-registration deadline and should submit his/her manuscript of the full paper to Asian Annals.

Authors must read and adhere to the guidelines for submission of the manuscript. (<https://mc.manuscriptcentral.com/aan>)

Those manuscripts will be provided to discussants before the award presentation at ASCVTS 2025 and will be published in Asian Cardiovascular and Thoracic Annals after the presentation. The winning paper will be published in the Journal of Thoracic and Cardiovascular Surgery simultaneously.

The winner will be announced at the ASCVTS 2025 Gala Dinner & Awards Ceremony on 16 May, Friday, and will receive an honorarium of USD 1,000. This prize honorarium is given only when the manuscript has been submitted.



AWARDS

7 SAGES OF CTV SURGERY IN ASIA

The prestigious '7 Sages of CTV Surgery in Asia' award is presented to seven distinguished individuals who have made exceptional and transformative contributions to the field of cardiovascular and thoracic surgery. This award is a recognition of their unparalleled expertise, dedication, and lasting impact on advancing the practice of CTVS surgery in Asia.

The '7 Sages of CTV Surgery in Asia' award will be presented during the ASCVTS 2025 Gala Dinner & Awards Ceremony on 16 May, Friday.

CN LEE INNOVATION AND OUTREACH AWARD

The CN Lee Innovation and Outreach Award is named in honour of the esteemed Professor Lee Chuen Neng, recognising his outstanding contributions to the field of CTVS surgery. This prestigious accolade will be presented to the author of the most groundbreaking and innovative abstract paper, reflecting Professor Lee's commitment to advancing medical knowledge and fostering innovation.

The award will be presented during the ASCVTS 2025 ASCVTS 2025 Gala Dinner & Awards Ceremony on 16 May, Friday, where we will celebrate excellence and honour the legacy of Professor Lee in the field of cardiovascular and thoracic surgery.

STS/EACTS PRESIDENT'S AWARD

The STS/EACTS President's Award will be jointly presented by the STS and EACTS to the presenter of the most outstanding scientific abstract at the ASCVTS Annual Meeting, selected for its innovation, scientific rigour, and potential impact on the field of cardiothoracic surgery. The recipient will be recognised at the Gala Dinner, and the award will be presented by both Presidents of the STS and EACTS, or an appropriate designee. The cash prize will be disbursed upon manuscript submission to either The Annals of Thoracic Surgery or the European Journal of Cardio-Thoracic Surgery.



OFFICIAL AND SOCIAL PROGRAMMES

ASCVTS 2025 WELCOME RECEPTION

All registered participants and exhibitors are cordially invited to the Welcome Reception.

DATE: 14 May 2025, Wednesday
TIME: 1800 – 2000
VENUE: Level 4, 405, Exhibition Hall
DRESS CODE: Business Casual

ASCVTS 2025 OPENING CEREMONY & KEYNOTE LECTURE

DATE: 15 May 2025, Thursday
TIME: 0900 - 1000
VENUE: Level 4, Esplanade Hall – 406CX

ASCVTS 2025 PRESIDENTIAL DINNER (BY INVITE ONLY)

DATE: 15 May 2025, Wednesday
TIME: 1900 - 2200
VENUE: Capella Singapore
DRESS CODE: Black Tie



ASCVTS 2025 GALA DINNER & AWARDS CEREMONY

The prestigious awards ceremony will be held during the Gala Dinner. The ceremony will celebrate excellence in cardiovascular and thoracic surgery, with the presentation of renowned awards such as the ASCVTS 2025 Furuse Award, the 2025 AATS Foundation/ASCVTS Academic Excellence Award, the CN Lee Innovation and Outreach Award, and the recognition of the 7 Sages of CTV Surgery in Asia.

DATE: 16 May 2025, Friday
TIME: 1930 – 2230
VENUE: Flower Field Hall, Gardens by the Bay
DRESS CODE: Business Casual



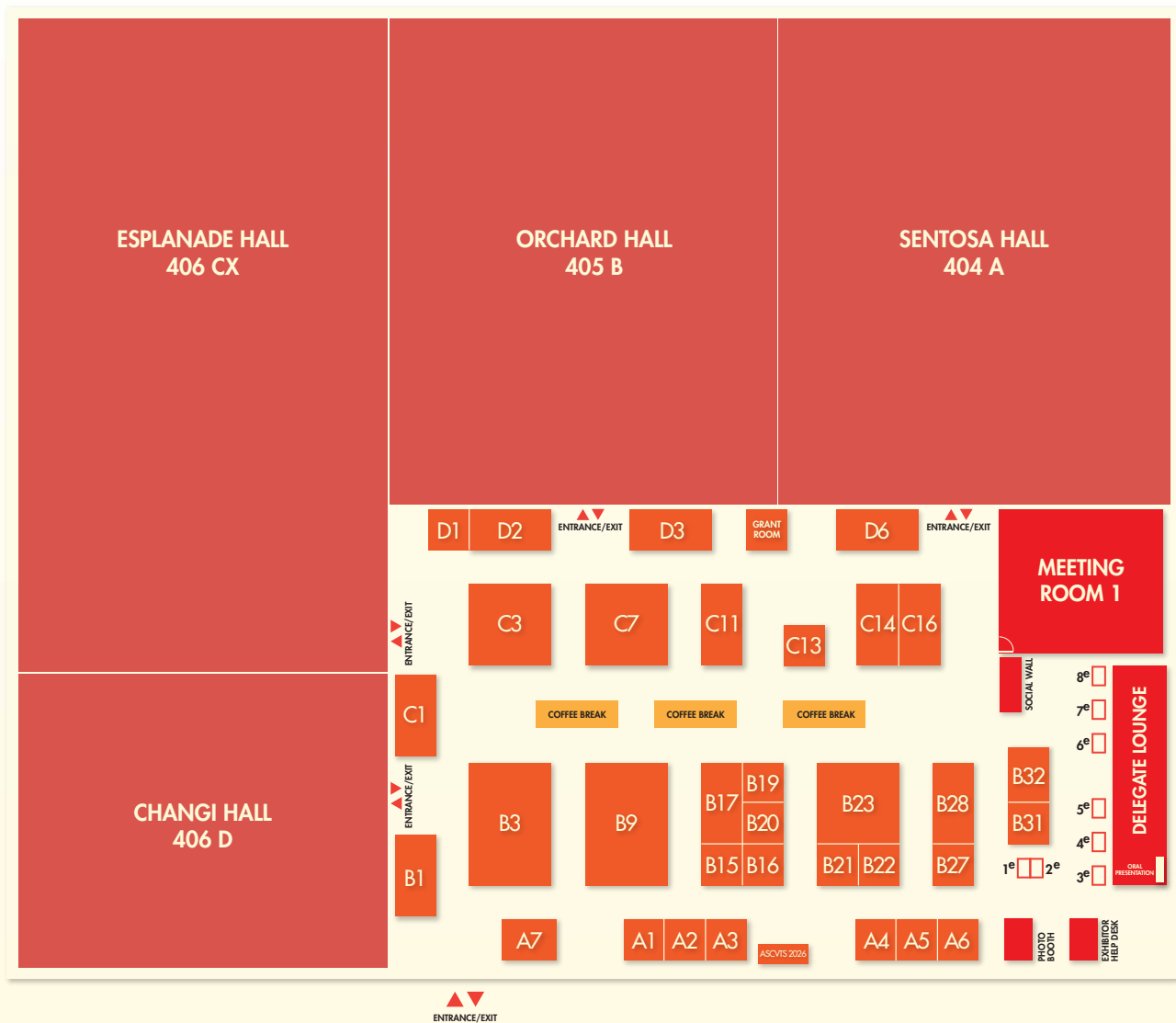
ASCVTS 2025 CLOSING CEREMONY

All registered participants and exhibitors are cordially invited to the Closing Ceremony.

DATE: 17 May 2025, Saturday
TIME: 1530 – 1630
VENUE: Level 4, Esplanade Hall – 406CX
DRESS CODE: Business Casual



VENUE MAP | LEVEL 4



COMPANY NAME	BOOTH NO.	COMPANY NAME	BOOTH NO.
Arthrex Singapore Pte Ltd	C1	Johnson & Johnson International (Singapore) Pte Ltd	C7
Atmos Medical Singapore Pte Ltd	C13	Koehler Pharmaceuticals Asia Pte Ltd	D3
Atricure Asia Pacific Pte Ltd	C3	Medtronic Singapore Pte Ltd	B17
Beijing Balance Medical Technology Co. Ltd	A2	NeoSurgery	D6
Cardio Surgical (Beijing) Trade Co Ltd	B21	NUHCS	A7
ChangZhou Waston Medical Appliance co.,Ltd	D2	OP INSTRUMENTS GmbH	B23
Corcym SRL	C16	Pacific Medical Systems Ltd	C14
Crownjun	A4	Perfusion Services & Supplies Pte Ltd	B9
CytoSorbents	A6	Peters Surgical International	D1
Delacroix Chevalier	B15	Scanlan International, Inc.	B16
Edwards Lifesciences (Asia) Pte Ltd	B3	Shanghai Hanyu Medical Technology Co Ltd	B22
Edwards Lifesciences (Asia) Pte Ltd	B1	Shenzhen Respomed Medical Technology Co., Ltd	B31
Fehling Instruments GmbH	A1	Siemens Healthcare Pte Ltd	B19
GEISTER Medizintechnik GmbH	A3	Terumo Asia Holdings Pte Ltd	C11
Geringe South East Asia Pte Ltd	B28	Unimed/Wellchem	B32
Grena Ltd	B20	Vital Corporation	B27
Japan Lifeline Co Ltd	A5		



VENUE MAP | LEVEL 3



- | | |
|--|--|
| <p>1 MICS Workshop 1: Endoscopic Mitral Repair</p> <p>2 MICS Workshop 2: Surgical Ablation Therapy</p> <p>3 MICS Workshop 3/4/5:
Off-Pump Coronary Artery Bypass Grafting</p> <p>4 AATS - Post Graduate Course (Congenital Track)</p> <p>5 AATS - Post Graduate Course (Adult Cardiac Track)</p> <p>6 ASCVTS Council Meeting</p> | <p>7 AATS - Post Graduate Course (Thoracic Track)</p> <p>8 Pre-Congress Workshop 6:
Managing the Arch – Treating Aortic Diseases with E-vita Open Neo and AMDS</p> <p>Pre-Congress Workshop 7:
Arch Management and Frozen Elephant Trunk Procedure</p> <p>9 ASCVTS Speakers' Ready Room</p> |
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PROGRAMME AT A GLANCE

DAY 1 | WEDNESDAY, 14 MAY 2025




Time	Room 331	Room 334	Summit 2	Room 325	Room 324	Room 336	Room 333
0800 onwards	Registration					<div>Workshop 6: Managing the Arch - Treating Aortic Diseases with E-vita Open Neo and AMDS (0830 - 1115)</div> <div>ARTIVION <small>Advancing the Art of Vascular Care</small></div>	
0900 - 1000	Session 1: Coronary Artery Disease	Session 2: Thoracic - Understanding Lung Cancer: Updates in Staging and Treatment Modalities	Session 3: Congenital - Aortic Valve Repair				
1000 - 1030	Coffee/Tea Break & Posters Presentations						
1030 - 1130	Session 4: Mitral & Tricuspid Valve	Session 5: Thoracic - UVATS and RATS: From Sub-Lobar Resection to Sleeve Lobectomy	Session 6: Congenital - Coronaries and complex anomalies				
1130 - 1230	Lunch & Posters Presentations			<div>MISC Workshop 1: Endoscopic Mitral Repair (1300 – 1415)</div> <div>MISC Workshop 2: Surgical Ablation Therapy (1430 – 1600)</div> <div>AtriCure</div>	<div>MICS Workshops 3-5: Off-Pump Coronary Artery Bypass Grafting (1200 - 1500)</div> <div>Johnson & Johnson MedTech</div>		
1230 - 1330	Session 7: Aortic Valve, Aorta	Session 8: Thoracic - Advanced Lung CA 1: How to manage them	Session 9: Congenital - Valves				
1330 - 1430		Session 10: Thoracic - Advanced Lung CA 2: Advances in Prognosis and Therapy	Session 11: Congenital - Outcomes				
1430 - 1500	Coffee/Tea Break & Posters Presentations			<div>MISC Workshop 2: Surgical Ablation Therapy (1300 – 1430)</div> <div>MISC Workshop 1: Endoscopic Mitral Repair (1445 - 1600)</div> <div>AtriCure</div>	<div>Workshop 7: Arch Management and Frozen Elephant Trunk Procedure (1430 - 1745)</div> <div>TERUMO</div>	<div>ASCVTS Council Meeting (1500 - 1700)</div>	
1500 - 1600	Session 7: Aortic Valve, Aorta	Session 13: Thoracic - Leadership and Innovations in Thoracic Surgeries	Session 14: Congenital - Tetralogy of Fallot, PA-VSD- MAPCAs				
1600 - 1700	Posters Presentations	Session 15: Thoracic - Beyond Lung Cancer: Other Thoracic Malignancies	Posters Presentations				
1800 – 2000							
ASCVTS 2025 Welcome Reception							

Programme accurate at time of publishing.



PROGRAMME AT A GLANCE

DAY 2 | THURSDAY, 15 MAY 2025

Time	Level 4, Esplanade Hall - 406CX	Level 4, Orchard Hall - 405B	Level 4, Changi Hall - 406D	Level 4, Sentosa Hall - 404A	Level 4, Meeting Room 1
0800 onwards	Registration				
0900 - 1000	ASCVTS 2025 Opening Ceremony & Keynote Lecture Level 4, Esplanade Hall - 406CX				
1000 - 1030	Coffee/Tea Break, Exhibition & Posters Presentations				
1030 - 1230	Symposium 1: Surgical Revascularisation	Symposium 2: Thoracic 1 - Bridging the multidisciplinary team divide to optimise patient care in lung cancer	Symposium 3: Aortic/Vascular 1 - Aortic Root	Symposium 4: Congenital 1	Oral Presentation 1: Adult Cardiac
1230 - 1330	ASCVTS 2025 Satellite Lunch Symposium by Edwards Lifesciences Going Minimal in Mitral Level 4, Esplanade Hall - 406CX 				
	Exhibition & Posters Presentations				
1330 - 1530	Symposium 5: Era of Minimally Invasive and Robotic Coronary	Symposium 6: Thoracic 2 - Improving patient outcome in Thoracic Surgery: Moving beyond ERATS	Symposium 7: Aortic/Vascular 2 - Arch	Symposium 8: Critical Care & Life Support 1	Oral Presentation 2: Transcatheter Heart Valve Therapy (1330 - 1500)
1530 - 1615	Coffee/Tea Break, Exhibition & Posters Presentations	Meet-the-Expert by Terumo 	Meet-the-Expert by Medtronic 	Coffee/Tea Break, Exhibition & Posters Presentations	
1615 - 1815	Symposium 9: Transcatheter Heart Valve Therapy for Surgeons 1 (Tricuspid track and more)	Symposium 10: Thoracic 3 - Advanced lung cancer: Making the impossible possible	Symposium 11: ERAS	Symposium 12: Critical Care & Life Support 2	Oral Presentation 3: Adult Cardiac
1900 - 2200	ASCVTS 2025 Presidential Dinner (By invite only)				

Programme accurate at time of publishing.

DAY 3 | FRIDAY, 16 MAY 2025

Programme accurate at time of publishing.

DAY 4 | SATURDAY, 17 MAY 2025

Programme accurate at time of publishing.

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References:

1. Bauman, et al, (2015) Evaluation of the minimum volume of salvaged blood required for the successful use of two different autotransfusion device. *Ped Anesth.* 25:258-264.

2. Overdevest, et al, (2012) Clinical evaluation of the Sorin Xtra® autotransfusion system. *Perfusion.* 27(4) 278-283.

Please always refer to the Instructions For Use (IFU) manual provided with each product for detailed information, warnings, precautions and possible adverse side effects.

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AATS - POST GRADUATE COURSE

DAY 1 | 14 MAY 2025, WEDNESDAY

Session 1: Coronary Artery Disease

Moderated by: Prof Hirokuni Arai, Prof Leonard Girardi
Level 3, Room 331

0900 - 0905	Welcome and Introduction <i>Prof Joseph Woo, United States</i>
0905 - 0915	CABG is Superior to PCI: Evidence and Experience <i>Dr Stephen Fremes, Canada</i>
0915 - 0925	Multi-Arterial Grafting: LIMA + RIMA vs LIMA + Radial <i>Dr Tohru Asai, Japan</i>
0925 - 0935	Minimally Invasive Multivessel CABG <i>A/Prof Piroze Davierwala, Canada</i>
0935 - 0945	Robotic Multivessel TECAB <i>Prof Murali Vettath, India</i>
0945 - 1000	Panel Discussion

0900 - 1000

Session 2: Thoracic - Understanding Lung Cancer: Updates in Staging and Treatment Modalities

Moderated by: Dr Matthew Bott, Adj A/Prof Ong Boon Hean, Prof Jang-Ming Lee
Level 3, Room 334

0850 - 0900	Welcome and Introduction <i>Prof Thomas A D'Amico, United States, A/Prof John Tam Kit Chung, Singapore</i>
0900 - 0915	9th Edition Staging System for NSCLC <i>Dr Chen Jianye, Singapore</i>
0915 - 0930	Update in Robotic Bronchoscopy <i>Dr Matthew Bott, United States</i>
0930 - 0945	The role of multi-disciplinary team discussion of complex lung cancer cases <i>A/Prof John Tam Kit Chung, Singapore</i>
0945 - 1000	Panel Discussion and Q&A

Session 3: Congenital - Master Class: Aortic valve repair strategies

Moderated by: Prof Sitaram Emani, Prof Sertac Cicek
Level 3, Room Summit 2

Programme accurate at time of publishing.



AATS - POST GRADUATE COURSE

DAY 1 | 14 MAY 2025, WEDNESDAY

	0900 - 0912	Management of aortic valve disease in pediatrics <i>Dr Emile Bacha, United States</i>
	0912 - 0924	Aortic valve repair in children and young adults <i>Prof Igor E. Konstantinov, Australia</i>
	0924 - 0936	Technical Pearls and Outcomes of the Ross Procedure in the Current Era <i>Dr Zohair Y Al-Halees, Saudi Arabia</i>
	0936 - 0948	Aortic valvuloplasty for congenital aortic stenosis <i>Dr Han Ki Park, Republic of Korea</i>
	0948 - 1000	Panel Discussion
1000 - 1030	Coffee/Tea Break & Posters Presentations	
1030 - 1130	Session 4: Mitral & Tricuspid Valve <i>Moderated by: Dr Taweesak Chotivatanapong, Dr Marc Moon</i> Level 3, Room 331	
	1030 - 1040	Complex Bileaflet Repair <i>Dr Clifford William Barlow, United Kingdom</i>
	1040 - 1050	Minimal Invasive MV Repair <i>Prof Theodoros Kofidis, Singapore</i>
	1050 - 1100	Mitral Repair for Functional Regurgitation <i>Prof Hermann Reichensperner, Germany</i>
	1100 - 1110	Adjunctive Techniques in Tricuspid Valve Repair <i>Prof Song Wan, Hong Kong SAR</i>
	1110 - 1130	Panel Discussion
Session 5: Thoracic - UVATS and RATS: From Sub-Lobar Resection to Sleeve Lobectomy <i>Moderated by: Prof Peter Licht, Prof He Jian-Xing, Dr Thirugnanam Agasthian</i> Level 3, Room 334		

Programme accurate at time of publishing.



AATS - POST GRADUATE COURSE

DAY 1 | 14 MAY 2025, WEDNESDAY

	1030 - 1045	Current evidences on sublobar resections for stage 1A NSCLC <i>Dr Wentao Fang, China</i>
	1045 - 1100	UVATS Lobectomy and Sleeve Lobectomy <i>Prof Peter Licht, Denmark</i>
	1100 - 1115	RATS Lobectomy and Sleeve Lobectomy <i>Dr Aneez Ahmed, Singapore</i>
	1115 - 1130	Panel Discussion and Q&A
Session 6: Congenital - Coronaries and complex anomalies Moderated by: <i>Dr Emile Bacha, Prof Sivakumar Sivalingam</i> Level 3, Room Summit 2		
	1030 - 1042	AAOCA: Surgical treatment options <i>Prof Sertaç M. Çiçek, Türkiye</i>
	1042 - 1054	Current and novel imaging strategies for evalutation of congenital coronary anomalies <i>Dr Kanwal Farooqui, United States</i>
	1054 - 1106	Anomalous aortic origin of coronary arteries. Surgical management <i>Prof Hani Najm, United States</i>
	1106 - 1118	The ventricular switch procedure; what, when and how? <i>Prof Hani Najm, United States</i>
	1118 - 1130	Panel Discussion
1130 - 1230	Lunch & Posters Presentations	

Programme accurate at time of publishing.



AATS - POST GRADUATE COURSE

DAY 1 | 14 MAY 2025, WEDNESDAY

1230 - 1430

Session 7: Aortic Valve, Aorta

*Moderated by: Prof Kay-Hyun Park, Prof Davide Pacini, Prof Joseph Woo
Level 3, Room 331*

1230 - 1240

Isolated Aortic Valve Repair

Dr Marc Moon, United States

1240 - 1250

TAVR vs SAVR: Update on Latest Trials

Prof Wilson Szeto, United States

1250 - 1300

TAVR Explant: Redo AVR vs Bentall

Dr Puja Kachroo, United States

1300 - 1310

Resequenced Ross Procedure

Prof Joseph Woo, United States

1310 - 1320

VSARR Techniques

Prof Ruggero de Paulis, Italy

1320 - 1330

Total Arch Relacement Techniques

Dr Leonard N. Girardi, United States

1330 - 1340

The Optimal Type A Dissection Operation

Prof S. Chris Malaisrie, United States

1340 - 1350

HemiCommando for Aortic Root Abscess

Prof Duke Cameron, United States

1350 - 1430

Panel Discussion

1230 - 1330

Session 8: Thoracic - Advanced Lung Cancer 1: How to manage them

*Moderated by: A/Prof John Tam Kit Chung, Prof Shuben Li, Dr Rajiv Santosham
Level 3, Room 334*

1230 - 1245

Indications for Induction Immunotherapy: Early Stage and Locally Advanced Lung Cancer

Adj A/Prof Ong Boon Hean, Singapore

1245 - 1300

Surgery after Induction Immunotherapy

Prof Thomas A D'Amico, United States

1300 - 1315

Surgery for Oligometastatic and Oligoprogressive NSCLC

A/Prof John Tam Kit Chung, Singapore

1315 - 1330

Panel Discussion and Q&A

Programme accurate at time of publishing.



AATS - POST GRADUATE COURSE

DAY 1 | 14 MAY 2025, WEDNESDAY

1230 - 1330	Session 9: Congenital - Valves Moderator: Prof Zohair AlHalees, Dr Akio Ikai Level 3, Room Summit 2
1230 - 1242	Truncal valve repair Prof Igor E. Konstantinov, Australia
1242 - 1254	TV management in HLHS Prof Kisaburo Sakamoto, Japan
1254 - 1306	Repair and replacement of mitral valve disease in pediatric population Prof Sivakumar Sivalingam, Malaysia
1306 - 1318	When is the reasonable time for the valve repair in Ebstein's anomaly? Prof Tae-Gook Jun, Republic of Korea
1318 - 1330	Panel Discussion
1330 - 1430	Session 10: Thoracic - Advanced Lung Cancer 2: Advances in Prognosis and Therapy Moderated by: Prof Thomas A D'Amico, Prof Calvin Sze Hang Ng, Prof Zhao Deping Level 3, Room 334
1330 - 1345	Use of ctDNA to Detect and Treat Residual or Progressive Disease Dr Matthew Bott, United States
1345 - 1400	Lung Cancer Screening: Where are we now? Prof Jang-Ming Lee, Taiwan
1400 - 1415	Innovative strategies for Management of Multifocal Adenocarcinoma Prof Calvin Sze Hang Ng, Hong Kong SAR
1415 - 1430	Panel Discussion and Q&A

Programme accurate at time of publishing.



AATS - POST GRADUATE COURSE

DAY 1 | 14 MAY 2025, WEDNESDAY

1330 - 1430	Session 11: Congenital - Outcomes Moderated by: Prof Richard A. Jonas, A/Prof Laszlo Kiraly Level 3, Room Summit 2
1330 - 1342	The advantages of early primary repair of congenital heart disease Prof Richard A. Jonas, United States
1342 - 1354	The World Society Database and opportunities to use data to improve practice of congenital heart surgery Dr James St.Louis, United States
1354 - 1406	Double inlet Ventricle Septation - A Procedure Worth Revisiting? Dr Sitaram Emani, United States
1406 - 1418	CAVSD, Australian repair: technique and long-term results Prof Sertaç M. Çiçek, Türkiye
1418 - 1430	Panel Discussion
1430 - 1500	Coffee/Tea Break & Posters Presentations
1500 - 1600	Session 12: Arrhythmia Surgery Moderated by: Prof Minoru Ono, Prof Joseph Woo Level 3, Room 331
1500 - 1510	Concomitant MAZE in Everyone with Afib? Dr Marc Moon, United States
1510 - 1520	Ventricular Dysrhythmias and Mitral Prolapse: Repair, Ablation, and/or Endocardial Fibrosis Resection? Prof Song Wan, Hong Kong SAR
1520 - 1530	Automated ECMO for Multi-Organ Repair after Prolonged Ischemia Prof Friedhelm Beyersdorf, Germany
1530 - 1540	Novel Off-Pump Ventricular Septal Myomectomy for HOCM Prof Xiang Wei, China
1540 - 1555	Panel Discussion
1555 - 1600	Conclusion Dr Marc Moon, United States

Programme accurate at time of publishing.



AATS - POST GRADUATE COURSE

DAY 1 | 14 MAY 2025, WEDNESDAY

1500 - 1600

Session 13: Thoracic - Leadership and Innovations in Thoracic Surgeries

Moderated by: Prof Sanghoon Jheon, Dr Wentao Fang, Dr Harish Muthiah
Level 3, Room 334

1500 - 1515

AATS: Scholarship, Innovation and Leadership

Prof Thomas A D'Amico, United States

1515 - 1530

Leadership insights on the journey as an academic surgeon

Prof He Jian-Xing, China

1530 - 1545

Enterprise and Innovations in Thoracic Surgery

Prof Sanghoon Jheon, Republic of Korea

1545 - 1600

Panel Discussion and Q&A

1500 - 1600

Session 14: Congenital - Tetralogy of Fallot, PA-VSD-MAPCAs

Moderated by: Prof Kisaburo Sakamoto, Prof Sitaram Emani
Level 3, Room Summit 2

1500 - 1512

Staged repair for TOF, Pulmonary Atresia and MAPCA

Prof Sivakumar Sivalingam, Malaysia

1512 - 1524

Valve-sparing repair in TOF

Dr Emile Bacha, United States

1524 - 1536

Transforming surgical strategies in PAVSD and MAPCAs: insights into unifocalisation with parenchymal pulmonary artery techniques

Dr Akio Ikai, Japan

1536 - 1548

Aortic dilatation in conotruncal anomalies: what to do?

Prof Sertaç M. Çiçek, Türkiye

1548 - 1600

Panel Discussion

Programme accurate at time of publishing.



AATS - POST GRADUATE COURSE

DAY 1 | 14 MAY 2025, WEDNESDAY

1600 - 1700	Session 15: Thoracic - Beyond Lung Cancer: Other Thoracic Malignancies <i>Moderated by: Dr Alan Sihoe, Dr Soon Sing Yang, Dr Korkut Bostanci</i> Level 3, Room 334
1600 - 1615	The Evolution of Surgery for Mesothelioma surgery: From EPP to P&D to No Surgery and Back <i>Dr Kalliopi Athanassiadi, Greece</i>
1615 - 1630	Modern Approaches to Single Port Approaches in Mediastinal Surgery <i>Dr Alan Sihoe, Hong Kong SAR</i>
1630 - 1645	Advances in Oesophageal Surgery Management <i>A/Prof Jinny Ha, United States</i>
1645 - 1700	Panel Discussion and Q&A
1700 - 1705	Closing Speech by Course Directors <i>Prof Thomas D'Amico, United States</i> <i>Dr Matthew Bott, United States</i>
1600 - 1700	Posters Presentations

Programme accurate at time of publishing.



PRE-CONGRESS WORKSHOPS

DAY 1 | 14 MAY 2025, WEDNESDAY

0800 onwards Registration

0830 – 1115 **Workshop 6: Managing the Arch – Treating Aortic Diseases with E-vita Open Neo and AMDS**
Location: Level 3, Room 336

ARTIVION
 Formerly CryoLife | Jotec

Lead Faculty: Adj A/Prof Vitaly A. Sorokin, National University Heart Centre Singapore

Other Faculty: Mr Shakil Farid, Royal Papworth Hospital, Cambridge

Other Faculty: Prof Randolph Wong, The Chinese University of Hong Kong

Other Faculty: Prof Suk-Won Song, Ewha Womans University Medical Center

0830 – 0835 **Opening**
 Adj A/Prof Vitaly A. Sorokin, National University Heart Centre Singapore

PART I: Clinical Overview & Best Practice Sharing

0835 – 0905 **Advancing Aortic Repair: Clinical Insights on AMDS & E-vita Open Neo**
 • AMDS overview & the clinical evidence
 • E-vita Open Neo overview & clinical evidence
 • Q&A
 Prof Randolph Wong, The Chinese University of Hong Kong

0905 – 0935 **AMDS: Key Techniques for Success in ATAD I**
 • Best Practices for Successful AMDS Use
 • Pre-op & Intra-op Considerations
 • AMDS Case Examples
 • AMDS Response Patterns
 • Q&A
 Mr Shakil Farid, Royal Papworth Hospital, Cambridge

0935 – 1005 **E-vita Open Neo: Best Practices for Success in FET**
 • Best Practices: How to achieve good clinical outcomes
 • Pre-op & Intra-op Considerations
 • FET case video using E-vita Open Neo, with Tips & tricks
 • Q&A
 Prof Suk-Won Song, Ewha Womans University Medical Center

PART II: Human-X Implantation Hands-On

1005 – 1105 **AMDS Demo**
 Prof Randolph Wong, The Chinese University of Hong Kong

AMDS Human-X
 Mr Shakil Farid, Royal Papworth Hospital, Cambridge

E-vita Demo
 Prof Suk-Won Song, Ewha Womans University Medical Center

E-vita Human-X
 Adj A/Prof Vitaly A. Sorokin, National University Heart Centre Singapore

Programme accurate at time of publishing.



PRE-CONGRESS WORKSHOPS

1105 – 1115	Closing <i>Adj A/Prof Vitaly A. Sorokin, National University Heart Centre Singapore</i>
1200 – 1500	MICS Workshop 3-5: Off-Pump Coronary Artery Bypass Grafting (OPCABG) Location: Level 3, Room 324
Lead Faculty: <i>Dr Murali P Vettath, Meittra Hospital</i> Other Faculty: <i>Dr Faizus Sazzad, National University Heart Centre Singapore</i> Other Faculty: <i>Dr Chang Guohao, National University Heart Centre Singapore</i> Other Faculty: <i>Dr Qian Qi, National University Heart Centre Singapore</i>	
1300 – 1600	MICS Workshop 1: Endoscopic Mitral Repair & Surgical Ablation Therapy AtriCure Location: Level 3, Room 325 and Room 326
1300 – 1415	MICS Workshop 1A: Endoscopic Mitral Repair Location: Level 3, Room 325
Lead Faculty: <i>Prof Filip Casselman, OLV Clinic</i> Other Faculty: <i>Dr Faizus Sazzad, National University Heart Centre Singapore</i> Other Faculty: <i>Dr Chang Guohao, National University Heart Centre Singapore</i> Other Faculty: <i>Dr Nuttapon Arayawudhikul, Lampang Hospital</i>	
1415 – 1430	Coffee/Tea Break
1430 - 1600	MICS Workshop 1B: Surgical Ablation Therapy Location: Level 3, Room 326
Lead Faculty: <i>Dr Daniel Chan, Queen Mary Hospital Hong Kong</i> Lead Faculty: <i>Dr Vikram Jaisinghani, AtriCure APAC</i>	
1300 – 1320	Didactic: Pathophysiology of Afib, evidence & guidelines
1320 – 1350	Station 1: RF Clamps, Cryo probes demo on porcine hearts 30 minutes Mini-CADet demo for classic CMIV surgery <i>Dr Vikram Jaisinghani, AtriCure APAC</i>
1350 – 1420	Station 2: Cryo Maze, AtriClip PRO2 demo on MIS model <i>Dr Daniel Chan, Queen Mary Hospital</i>
1420 – 1425	Feedback & Certificates
1430 – 1445	MICS Workshop 2: Endoscopic Mitral Repair & Surgical Ablation Therapy AtriCure Location: Level 3, Room 325 and Room 326
1445 – 1600	MICS Workshop 2A: Surgical Ablation Therapy Location: Level 3, Room 326
Lead Faculty: <i>Dr Daniel Chan, Queen Mary Hospital Hong Kong</i> Lead Faculty: <i>Dr Vikram Jaisinghani, AtriCure APAC</i>	

Programme accurate at time of publishing.




PRE-CONGRESS WORKSHOPS

1300 – 1320	Didactic: Pathophysiology of Afib, evidence & guidelines
1320 – 1350	Station 1: RF Clamps, Cryo probes demo on porcine hearts 30 minutes Mini-CADet demo for classic CMIV surgery <i>Dr Vikram Jaisinghani, AtriCure APAC</i>
1350 – 1420	Station 2: Cryo Maze, AtriClip PRO2 demo on MIS model <i>Dr Daniel Chan, Queen Mary Hospital</i>
1420 – 1425	Feedback & Certificates
1430 – 1445	Coffee/Tea Break
1445 – 1600	MICS Workshop 2B: Endoscopic Mitral Repair Location: Level 3, Room 325

Lead Faculty: Prof Filip Casselman, OLV Clinic

Other Faculty: Dr Faizus Sazzad, National University Heart Centre Singapore

Other Faculty: Dr Chang Guohao, National University Heart Centre Singapore

1430 – 1745	Workshop 7: Arch Management and Frozen Elephant Trunk Procedure Location: Level 3, Room 336	
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Lead Faculty: A/Prof Chao Tar Toong Victor, National Heart Centre Singapore

Lead Faculty: Prof Malakh Shrestha, Mayo Clinic Aortic Center

Lead Faculty: Prof Davide Pacini, Bologna University, University Hospital Bologna

Lead Faculty: Prof S. Chris Malaisrie, Northwestern University Feinberg School of Medicine

1430 – 1440	Opening
1440 – 1510	ThoraflexTM Hybrid's Journey – from the Beginning of Design to Become the Global 'Gold Standard' FET" <i>Prof Malakh Shrestha, Mayo Clinic Aortic Center</i>
1510 – 1540	Total Arch Repair Indications and Patient Selection <i>Prof Davide Pacini, Bologna University, University Hospital Bologna</i>
1540 – 1610	Clinical Outcomes and Post-Operative Management of Total Arch Repairment <i>Prof S. Chris Malaisrie, Northwestern University Feinberg School of Medicine</i>

Programme accurate at time of publishing.



PRE-CONGRESS WORKSHOPS

1610 – 1620	Break
1620 – 1700	Simulation Workshop – Tips & Tricks for FET Procedure with Thoraflex™ Hybrid (3 Stations)
	<i>Prof Malakh Shrestha, Mayo Clinic Aortic Center</i> <i>Prof Davide Pacini, Bologna University, University Hospital Bologna</i> <i>Prof S. Chris Malaisrie, Northwestern University Feinberg School of Medicine</i>
1700 – 1740	Simulation Workshop – Tips & Tricks for FET Procedure with Thoraflex™ Hybrid (3 Stations)
	<i>Prof Malakh Shrestha, Mayo Clinic Aortic Center</i> <i>Prof Davide Pacini, Bologna University, University Hospital Bologna</i> <i>Prof S. Chris Malaisrie, Northwestern University Feinberg School of Medicine</i>
1740 – 1745	Closing

Programme accurate at time of publishing.



MAIN PROGRAMME | ESPLANADE HALL 406 CX

DAY 2 | 15 MAY 2025, THURSDAY

0900 - 1000	ASCVTS 2025 Opening Ceremony & Keynote Lecture	
1000 - 1030	Coffee/Tea Break, Exhibition & Posters Presentations	
1030 - 1230	Symposium 1: Surgical Revascularisation <i>Moderated by: Prof Kay-Hyun Park, Dr Sotirios Prapas</i>	
1030 - 1050	Grafting Strategies in modern CABG	<i>Dr Joseph F. Sabik, United States</i>
1050 - 1110	Optimisation of CABG strategies in complex populations	<i>Prof Thomas A Schwann, United States</i>
1110 - 1125	Arterial revascularisation for CABG	<i>Prof Alistair George Royse, Australia</i>
1125 - 1135	Modern Cardioplegia - what is evidence-based	<i>Prof Arjang Ruhparwar, Germany</i>
1135 - 1145	CABG in LV dysfunction	<i>Dr Rajan Sethuratnam, India</i>
1145 - 1155	Intraoperative graft assessment should be mandatory for all CABG cases	<i>Prof Hirofumi Takemura, Japan</i>
1155 - 1210	Panel Discussion and Q&A	<i>Prof Murali P Vettah, India</i>
	Oral Presentations <i>Moderated by: Prof Kay-Hyun Park, Prof Rune Haaverstad, A/Prof Mohammad Ziaur Rahman</i>	
1220 - 1230	OR-0243: No Touch Aorta versus HeartString in Off-Pump Coronary Artery Bypass Grafting (OPCAB).	<i>Dr Soslan Enginoev, Russia</i>
1230 - 1330	ASCVTS 2025 Satellite Lunch Symposium by Edwards Lifesciences Going Minimal in Mitral <i>Prof Dato' Seri Dr Jeffrey Jeswant Dillon, Malaysia </i> <i>Dr Yong Cui, China Dr Sathyaki Nambala, India</i>	



Programme accurate at time of publishing.



MAIN PROGRAMME | ESPLANADE HALL 406 CX

DAY 2 | 15 MAY 2025, THURSDAY

1330 - 1530	Symposium 5: Era of Minimally Invasive and Robotic Coronary Surgery <i>Moderated by: Prof Bob Kiaii, Dr Chang Guohao</i>
1330 - 1350	Live-in-a-box: Minimally invasive coronary artery bypass surgery - How I do it <i>Prof Keita Kikuchi, Japan</i>
1350 - 1410	Live-in-a-box: Minimally invasive coronary artery bypass surgery - How I do it <i>Dr Oleksandr Babliak, Ukraine</i>
1410 - 1430	Live-in-a-box: Robotic coronary surgery - How I do it <i>Prof Vipin Zamvar, United Kingdom</i>
1430 - 1445	Complex Cases in Robotic coronary surgery <i>Dr Sathyaki P Nambala, India</i>
1445 - 1500	Journey of starting a robotic coronary surgery programme in Fuwai Central China Cardiovascular Hospital <i>Dr Wang Sheng, China</i>
1500 - 1510	Panel Discussion and Q&A <i>Dr Avenilo L. Aventura Jr., Philippines</i> <i>Dr Shahrul Amry Hashim, Malaysia</i>
	Oral Presentations <i>Moderated by: Prof Bob Kiaii, Prof Tomas Holubec, Dr Avenilo L. Aventura Jr.</i>
1510 - 1520	OR-0054: Clinical experience of minimal invasive coronary surgery – coronary artery bypass grafting: a series of 1058 cases <i>Dr Dmitry Denisyuk, Russia</i>
1520 - 1530	OR-0136: One-stage Totally Thoracoscopic Cardiac Surgery and Video-Assisted Thoracoscopic Surgery for Patients with Heart Disease Accompanied by Lung Cancer: A Retrospective Propensity-Score Matched Study <i>Dr Nan Cheng, China</i>
1530 - 1615	Coffee/Tea Break, Exhibition & Posters Presentations

Programme accurate at time of publishing.



MAIN PROGRAMME | ESPLANADE HALL 406 CX

DAY 2 | 15 MAY 2025, THURSDAY

1615 - 1815 **Symposium 9: Transcatheter Heart Valve Therapy for Surgeons 1 (Tricuspid track and more)**

Moderated by: A/Prof Jimmy Hon Kim Fatt, Dr Gilbert HL Tang

Panellists

Prof Anson Cheung, Canada

Prof Wilson Szeto, United States

Dr Haibo Zhang, China

Dr William Kong, Singapore

**Discussion after each presentation during the 5 mins Q&A Segment*

1614 - 1615	Welcome and Opening Remarks
1615 - 1625	Indications for isolated tricuspid valve intervention: what role does surgery play now? <i>Dr Haibo Zhang, China</i>
1625 - 1630	5 mins Q&A
1630 - 1640	Transcatheter tricuspid valve replacement – clinical update and device parade <i>Prof Wilson Szeto, United States</i>
1640 - 1645	5 mins Q&A
1645 - 1700	Transcatheter tricuspid valve interventions for surgeons - Basic imaging and procedural steps <i>Dr Gilbert HL Tang, United States</i>
1700 - 1705	5 mins Q&A
1705 - 1720	Transcatheter tricuspid valve replacement – Vancouver experience & live in a box <i>Prof Anson Cheung, Canada</i>
1720 - 1725	5 mins Q&A
1725 - 1740	T-TEER – latest technology and clinical updates <i>Prof Yeo Khung Keong, Singapore</i>
1740 - 1745	5 mins Q&A
1745 - 1755	T-TEER vs TTVR: how do we choose for our patients? <i>Dr Gilbert HL Tang, United States</i>
1755 - 1800	5 mins Q&A
1800 - 1810	MR and TR: How to manage? Combined surgery vs stages or concomitant transcatheter intervention? <i>A/Prof Daniel Tai-Leung Chan, Hong Kong SAR</i>
1810 - 1815	5 mins Q&A

Programme accurate at time of publishing.

DAY 2 | 15 MAY 2025, THURSDAY

DAY 2 | 15 MAY 2025, THURSDAY

1030 - 1230	<p>Symposium 2: Thoracic 1 - Bridging the multidisciplinary team divide to optimise care in lung cancer patients <i>Moderated by: Prof Stephen Yang, Dr Matthew Bott, Dr Jang-Ming Lee</i></p>
1030 – 1050	<p>Clinical impact of IASLC's 9th edition of lung cancer staging and expectations for the 10th edition <i>Prof Akif Turna, Türkiye</i></p>
1050 – 1110	<p>Exploring novel approaches to multimodality treatment for resectable NSCLC <i>Dr Wentao Fang, China</i></p>
1110 – 1130	<p>Minimally invasive complex lung resection <i>Prof Stephen Yang, United States</i></p>
1130 – 1150	<p>Tubeless robotic navigational bronchoscopy: A less invasive means of diagnosing GGOs <i>Prof He Jian-Xing, China</i></p>
1150 – 1200	<p>Panel Discussion and Q&A</p>
1200 – 1210	<p>OR-0334: A Case Series Report on Tubeless Transareolar Single-Port Thoracoscopic Surgery for Early-Stage Lung Cancer <i>Dr Jian Fang, China</i></p>
1210 – 1220	<p>OR-0180: What's the optimal duration of neoadjuvant chemoimmunotherapy: a real-world study <i>Dr Zhoujunyi Tian, China</i></p>
1220 – 1230	<p>OR-0298: Critical Role of Spread Through Air Spaces (STAS) in Prognosis of Stage IA3 Non-Small Cell Lung Cancer: Insights from a Real-World Multicenter Study <i>Dr Shaobin Yu, China</i></p>
1230 - 1330	<p>Coffee/Tea Break, Exhibition & Posters Presentations</p>

Programme accurate at time of publishing.



MAIN PROGRAMME | ORCHARD HALL 405B

DAY 2 | 15 MAY 2025, THURSDAY

1030 - 1230

Symposium 6: Thoracic 2 - Improving patient outcome in Thoracic Surgery: Moving beyond ERATS

Moderated by: Prof He Jian-Xing, Dr Alan Sihoe, A/Prof John Tam

1330 – 1350

ERATS programme: Transformation of Thoracic Surgery in the new decade

Dr Chen Jianye, Singapore

1350 – 1410

Moving beyond ERATS: Tubeless thoracic surgery and new opportunities

Prof He Jian-Xing, China

1410 – 1430

Controlling post operative surgical pain: paravertebral, intercostal, PCA or cryo

Dr Li Yue, Singapore

1430 – 1450

Digital chest drainage system: Does it really reduce the duration of air leak and allow patient to go home earlier

Dr Thomas Kiefer, Germany

1450 - 1500

Panel Discussion and Q&A

1500 - 1510

OR-0143: A systematic review of patient reported outcomes in enhanced recovery after lung cancer surgery

Dr Cheng Shen, China

1520 - 1530

OR-0105: A Novel CO2 Evacuation Valve Reduces Hypercapnia in Tubeless Video-Assisted Thoracic Surgery

Dr Zihao Liu, China

1230 - 1330

Meet-the-Expert by Terumo



Programme accurate at time of publishing.



MAIN PROGRAMME | ORCHARD HALL 405B

DAY 2 | 15 MAY 2025, THURSDAY

1615 - 1815	Symposium 10: Thoracic 3 - Advanced Lung Cancer: Making the impossible possible <i>Moderated by: Prof Calvin Sze Hang Ng, Prof Thomas A D'Amico, Dr Kalliopi Athanassiadi</i>
1615 - 1635	Evolution of the thoracic surgeon to deal with previously unresectable lung cancer <i>Prof Stephen Yang, United States</i>
1635 - 1655	Bronchoscopic ablation of tumour in high-risk surgical patients with multiple lung lesions <i>Prof Calvin Sze Hang Ng, Hong Kong SAR</i>
1655 - 1715	Tubeless tracheal surgery <i>Prof Shuben Li, China</i>
1715 - 1735	Chest wall reconstruction of advanced tumours <i>Dr Harish Muthiah, Singapore</i>
1735 - 1745	Panel Discussion and Q&A
1745 - 1755	OR-0086: Autologous Tissue Wrapping of Anastomosis in Sleeve Lobectomy: A Retrospective Study <i>Dr Wei Guo, China</i>
1755 - 1805	OR-0053: Refining Central Lung Cancer Surgery: Uniportal Video-Assisted Thoracic Surgery with Three-Dimensional Vascular Mapping After Neoadjuvant Chemoimmunotherapy <i>Dr Zhilin Luo, China</i>
1805 - 1815	OR-0084: Neoadjuvant firmonertinib and chemotherapy in EGFR-mutant stage IIIA NSCLC: Multicentre retrospective study on pCR and DFS <i>Dr Zhilin Luo, China</i>

Programme accurate at time of publishing.



MAIN PROGRAMME | CHANGI HALL 406D

DAY 2 | 15 MAY 2025, THURSDAY

1030 - 1230	Symposium 3: Aortic/Vascular 1 - Aortic Root <i>Moderated by: Prof Joseph Woo, Prof Randolph Wong</i>
1030 - 1040	Standardised approach to fibrous skeleton reconstruction for aortic root endocarditis <i>Prof Eduard Quintana, Spain</i>
1040 - 1100	How I manage root? Indications and surgical strategy <i>Prof Tomas Holubec, Germany</i>
1100 - 1120	PEARS operation <i>Dr Conal Austin, United Kingdom</i>
1120 - 1130	David operation <i>Prof S Chris Malaisrie, United States</i>
1130 - 1140	Ross operation in current practice of aortic surgeons <i>Dr Atsuo Doi, Australia</i>
1140 - 1150	What size for Aortic root to intervene in Asian Population <i>Dr Bijoy G Rajbanshi, Nepal</i>
1150 - 1200	Lifelong management of aortic root. What evidence do we have? <i>Prof Paneer Selvam Krishna Moorthy, Malaysia</i>
1200 - 1210	Aortic root disease with poor LV function. Myocardial preservation and surgical strategy <i>A/Prof Nishith Patel, New Zealand</i>
1210 - 1230	Panel Discussion and Q&A
1230 - 1330	Exhibition & Posters Presentations

Programme accurate at time of publishing.



MAIN PROGRAMME | CHANGI HALL 406D

DAY 2 | 15 MAY 2025, THURSDAY

1330 - 1530

Symposium 7: Aortic/Vascular 2 - Arch

Moderated by: Prof Kay-Hyun Park, Prof S Chris Malaisrie, Prof Yutaka Okita

1330 - 1345

Management of the Aortic Arch: current practice and guidelines
Prof Davide Pacini, Italy

1345 - 1400

FET experience using Thoraflex
Prof Roberto Di Bartolomeo, Italy

1400 - 1415

UK FET experience
Mr Shakil Farid, United Kingdom

1415 - 1430

FET experience in Asian population
Prof Randolph Wong, China

1430 - 1440

Cerebral Protection for arch surgery
Adj A/Prof Vitaly A. Sorokin, Singapore

1440 - 1450

4 years outcome of 300 FET with E-vita Open Neo
Prof Suk-Won Song, Republic of Korea

1450 - 1500

Redo Arch Surgery: indication and technique
Prof Aung Ye Oo, United Kingdom

1500 - 1515

FET current update and surgical technique
Prof Malakh Shrestha, United States

1515 - 1530

Panel Discussion and Q&A

1230 - 1330

Meet-the-Expert by Medtronic

Medtronic
Engineering the extraordinary

Programme accurate at time of publishing.



MAIN PROGRAMME | CHANGI HALL 406D

DAY 2 | 15 MAY 2025, THURSDAY

1615 - 1815

Symposium 11: ERAS

Moderated by: Prof Ti Lian Kah, Dr Rawn Salenger, Dr Paul Martin M. Garcia

1615 - 1630

New ERAS Cardiac Guidelines

Dr Rawn Salenger, United States

1630 - 1645

Deep Dive: Strategies in Anesthesia for ERAS

Prof Ti Lian Kah, Singapore

1645 - 1655

Anemia and blood transfusions

Prof Thomas A Schwann, United States

1655 - 1705

Deep Dive: Addressing and preventing post op SSI, AF, AKI

Dr Javier Tejero, Spain

1705 - 1715

Deep Dive: Role of Prehabilitation

Dr Geetha Kayambu, Singapore

1715 - 1725

Panel Discussion and Q&A

A/Prof Mohammad Ziaur Rahman, Bangladesh

Dr Christopher C Cheng, Philippines

Dr John Andrew M Yam, Philippines

Oral Presentations

Moderated by: Prof Kenny Sin, Dr Nuttapon Arayawudhikul, Dr Shahrul Amry Hashim

1725 - 1735

OR-0055: Female gender in not an independent risk factor for early mortality after coronary artery bypass grafting

Dr Kanwar Talha Shahid, Pakistan

1735 - 1745

OR-0069: Restrictive blood transfusion management in CABG -is less really more?

Dr Franz Masseli, Germany

1745 - 1755

OR-0196: Application of continuous local antimicrobial administration for mediastinitis after cardiovascular surgeries

Dr Koki Yokawa, Japan

1755 - 1805

OR-0351: Minimally Invasive Off-pump CABG is the Better Option Than Repetitive PCI After the PCI-implanted Stent Restenosis

Dr Sudhir Rajbhandari, China

1805 - 1815

OR-0095: Outcomes of cardiac surgery in patients with prior stroke: A single center retrospective study

Dr Kanwar Talha Shahid, Pakistan

Programme accurate at time of publishing.



MAIN PROGRAMME | SENTOSA HALL 404A

DAY 2 | 15 MAY 2025, THURSDAY

1030 - 1230

Symposium 4: Congenital 1

Topic 1: Education and Training in the Current Era – Opportunities and Challenges

Moderated by: Prof Zohair Y Al Halees, Prof Richard Jonas, Prof Laszlo Kiraly

1030 - 1050

Challenges in Developing a Pediatric Cardiac Surgery Programme

Prof Richard A. Jonas, United States

1050 - 1100

CHD and CHS in the ASEAN region

Dr E-Shuen Wong, Singapore

1100 - 1110

Meta-analysis - its importance in the subspeciality with smaller volume and wider variety

Dr Masakazu Nakao, Singapore

1110 - 1120

World Database and how we can use it to help our patients

Prof James St. Louis, United States

1120 - 1130

Panel Discussion and Q&A

Topic 2: Arterial Switch Operation

Moderated by: Prof Sertac M. Cicek, Dr Emile Bacha, Dr Masakazu Nakao

1130 - 1145

The arterial switch: how to do it and how to teach it

Prof Richard A. Jonas, United States

1145 - 1155

Arterial switch operation (aorta first coronary second) for the beginner

Prof Tae-Gook Jun, Republic of Korea

1155 - 1205

Staged repair for Transposition of Great Arteries

Prof Sivakumar Sivalingam, Malaysia

1205 - 1215

Single ventricle v biventricular repair: what the surgeon needs to know

Prof Zohair Y Al Halees, Saudi Arabia

1215 - 1225

OR-0341: Risk stratification for neo-aortic regurgitation following the arterial switch operation: a meta-analysis-based approach

Dr Ketut Putu Yasa, Indonesia

1225 - 1230

Panel Discussion and Q&A

1230 - 1330

Exhibition & Posters Presentations

Programme accurate at time of publishing.



MAIN PROGRAMME | SENTOSA HALL 404A

DAY 2 | 15 MAY 2025, THURSDAY

1330 - 1530	Symposium 8: Critical Care & Life Support 1 <i>Moderated by: Adj A/Prof Ramanathan K R, Dr Anne Hoo</i>
1330 - 1350	The Latest in Post-Operative Monitoring and Do PACs really belong in the Museum? <i>Adj A/Prof Ramanathan K R, Singapore</i>
1350 - 1405	Targeted Management Strategies for Low Cardiac Output after Cardiac Surgery <i>Adj Prof Graeme MacLaren, Singapore</i>
1405 - 1435	Getting ECMO Cannulation Right – What's New? <i>Prof Giles Peek, United States</i>
1435 - 1445	Mobilising ECMO patients <i>Dr Geetha Kayambu, Singapore</i>
1445 - 1455	How to train and credential ECMO nurses <i>Ms Doreen Chew, Singapore</i>
1455 - 1510	Building an ECMO Programme in Asia <i>Dr Inseok Jeong, Republic of Korea</i>
1510 - 1530	Panel Discussion and Q&A
1530 - 1615	Coffee/Tea Break, Exhibition & Posters Presentations
1615 - 1815	Symposium 12: Critical Care & Life Support 2 <i>Moderated by: Prof Giles Peek, Adj Prof Graeme MacLaren</i>
1615 - 1635	ECPELLA – Does it work and where is the evidence? <i>Adj A/Prof Ramanathan K R, Singapore</i>
1635 - 1655	Anticoagulation in ECMO – Challenges from newborns to adults <i>Adj Prof Graeme MacLaren, Singapore</i>
1655 - 1705	ECMO Complications – Haemolysis <i>Ms Anne Hoo, Singapore</i>
1705 - 1715	ECMO Complications – Infection <i>Adj Prof Graeme MacLaren, Singapore</i>
1715 - 1730	Bridging from ECMO to VAD in Asia <i>Dr Mathew Chakaramakkil Jose, Singapore</i>
1730 - 1800	Optimising Post-Cardiotomy ECMO and ECPR <i>Prof Giles Peek, United States</i>
1800 - 1815	Panel Discussion and Q&A

Programme accurate at time of publishing.



MAIN PROGRAMME | ESPLANADE HALL 406 CX

DAY 3 | 16 MAY 2025, FRIDAY

0800 - 1000	STS-EACTS Workshop @ ASCVTS Session 1: Mastering CABG <i>Moderated by: Prof Ruggero de Paulis, Prof S Chris Malaisrie</i>
0800 - 0820	Evidence-based guidelines for Coronary Revascularisation: Focus on CABG vs PCI <i>Prof Patrick Myers, Switzerland</i>
0820 - 0840	Debate: 55-year-old man, CAD screening shows MVD, normal EF PRO: CABG is recommended for Asymptomatic CAD with normal EF <i>Prof Faisal G. Bakaeen, United States</i> CON: CABG is not recommended for Asymptomatic CAD with normal EF <i>Dr Stephen Fremes, Canada</i>
0840 - 0900	Masterclass in Conduit selection in CABG: Evidence for arterial grafting and Video demonstration <i>Dr Joseph F. Sabik, United States</i>
0900 - 0920	Masterclass in Approach to CABG: Evidence for Non-sternotomy approaches and Video demonstration <i>Prof Keita Kikuchi, Japan</i>
0920 - 0940	Debate: 65-year-old man, typical angina, 90% proximal LAD and 70% RCA stenosis PRO: Hybrid CABG is recommended for stable ischemic heart disease <i>Prof Filip Casselman, Belgium</i> CON: Hybrid CABG is NOT recommended for stable ischemic heart disease - standard CABG is the best <i>Dr Chang Guohao, Singapore</i>
0940 - 1000	Panel Discussion: Future of CABG and Q&A <i>Prof Faisal G. Bakaeen, United States</i> <i>A/Prof Piroze Davierwala, Canada</i> <i>Dr Chang Guohao, Singapore</i>
1000 - 1030	Coffee/Tea Break, Exhibition & Posters Presentations

Programme accurate at time of publishing.



MAIN PROGRAMME | ESPLANADE HALL 406 CX

DAY 3 | 16 MAY 2025, FRIDAY

0800 - 1000	STS-EACTS Workshop @ ASCVTS Session 2: Mastering AV - Focus on AS <i>Moderated by: Prof Filip Casselman, Dr Joseph F. Sabik</i>
1030 - 1050	Evidence-based guidelines for Aortic Stenosis: Focus on AVR vs TAVI for young patients <i>Prof Eduard Quintana, Spain</i>
1050 - 1110	Debate: 60-year-old man, bicuspid AV stenosis, STS PROM 1%, asymptomatic, ED 65%, treadmill test OK PRO: AVR is recommended for Asymptomatic AS <i>Prof Kyung Hwan Kim, Republic of Korea</i> CON: AVR is not recommended for Asymptomatic AS, neither is TAVI! <i>Prof Patrick Myers, Switzerland</i>
1110 - 1130	Masterclass in MICS AVR: Real-world experience and Video demonstration <i>Dr Joseph F. Sabik, United States</i>
1130 - 1150	Masterclass in Ross procedure: Evidence for pulmonary autograft and Video demonstration <i>Prof S Chris Malaisrie, United States</i>
1150 - 1210	Debate: 50-year-old woman, severe symptomatic AS PRO: mechanical AVR is preferred for severe, symptomatic AS <i>Prof Wilson Szeto, United States</i> CON: mechanical AVR is NOT preferred for severe, symptomatic AS - Biologic please! <i>Prof Rui M S Almeida, Brazil</i>
1210 - 1230	Panel Discussion: Future of AVR and Q&A <i>Prof Carlos A. Mestres, South Africa</i> <i>Prof Eduard Quintana, Spain</i> <i>Prof Friedhelm Beyersdorf, Germany</i> <i>Prof Joseph Woo, United States</i> <i>Prof Rui M S Almeida, Brazil</i>
1230 - 1300	ASCVTS 2025 Presidential Lecture <i>Prof Theodoros Kofidis, Singapore</i>
1300 - 1400	Lunch, Exhibition & Posters Presentations

Programme accurate at time of publishing.



MAIN PROGRAMME | ESPLANADE HALL 406 CX

DAY 3 | 16 MAY 2025, FRIDAY

1400 - 1600	STS-EACTS Workshop @ ASCVTS Session 3: Mastering AV - Aortic Regurgitation <i>Moderated by: Prof Patrick Myers, Prof Wilson Szeto</i>
1400 - 1420	Evidence-based guidelines for Aortic Regurgitation: Focus on AVR vs AV repair for young patients <i>Prof Ruggero de Paulis, Italy</i>
1420 - 1440	Debate: 55-year-old man, symptomatic AR, very asymmetric BAV PRO: AV repair is recommended for very asymmetric BAV <i>Prof Davide Pacini, Italy</i> CON: AV repair is not recommended for very asymmetric BAV - replace it! <i>Prof Shinichi Fukuhara, United States</i>
1440 - 1500	Masterclass in BAV repair for AR: Real-world experience and Video demonstration <i>Prof Davide Pacini, Italy</i>
1500 - 1520	Masterclass in TAV repair for AR: Realworld experience and Video demonstration <i>Prof Ruggero de Paulis, Italy</i>
1520 - 1540	Debate: 65-year-old man, symptomatic AR, STS PROM 8% PRO: Surgery is recommended for high-risk patient with AR <i>Prof Shinichi Fukuhara, United States</i> CON: Surgery is NOT recommended for high-risk patient with AR- TAVI is coming! <i>Prof Anson Cheung, Canada</i>
1540 - 1600	Panel Discussion: Future of treatment of AR and Q&A <i>Prof Malakh Shrestha, United States</i> <i>Prof Duke Cameron, United States</i> <i>Dr Marc Moon, United States</i>
1600 - 1645	Coffee/Tea Break, Exhibition & Posters Presentations
1645 - 1745	Oral Presentations for AATS Foundation/ASCVTS Academic Excellence Award
1745 - 1845	Oral Presentations for ASCVTS 2025 Furuse Award

Programme accurate at time of publishing.



MAIN PROGRAMME | ORCHARD HALL 405B

DAY 3 | 16 MAY 2025, FRIDAY

0800 - 0900	Symposium 13: Nursing 1 - Advancing Cardiothoracic Vascular Nursing Through Evidence <i>Moderated by: Ms Janis Lim Jun June</i>	
	0800 - 0820	Revolutionising Cardiovascular Care: Exploring Cutting-Edge Practices and Technologies for Nurses <i>Dr Karen Koh, Singapore</i>
	0820 - 0835	Perioperative Care for Robotics Surgery <i>Ms Elizabeth Tucker, United States</i>
	0835 - 0850	The Establishment of OPCAB Service in Lampang Hospital, Thailand <i>Ms Wijitra Jitmun, Thailand</i>
	0850 - 0900	Panel Discussion and Q&A
0900 - 1000	Symposium 14: Surgeon's role in Aortic Valve <i>Moderated by: Prof Joseph Woo, Prof Jia Hu, Dr Lim Yeong Phang</i>	
	0900 - 0910	Aortic valve repair - what to expect on the long term <i>Prof Rune Haaverstad, Norway</i>
	0910 - 0925	Live-in-a-box: Endoscopic AVR - How I do it <i>Prof Marco Solinas, Italy</i>
	0925 - 0940	Live-in-a-box: Minimally invasive Aortic valve + concomitant Mitral valve surgery (Endoscopic) - How I do it <i>Dr Yap Cheng Hon, Australia</i>
	0940 - 0950	Dafodil Valve - the Brazilian trial <i>Prof Rui M S Almeida, Brazil</i>
	0950 - 1000	Panel Discussion and Q&A <i>Prof Joseph Woo, United States Dr Jiangang Wang, China Dr Wang Sheng, China</i>
1000 - 1030	Coffee/Tea Break, Exhibition & Posters Presentations	

Programme accurate at time of publishing.



MAIN PROGRAMME | ORCHARD HALL 405B

DAY 3 | 16 MAY 2025, FRIDAY

1030 - 1230	Oral Presentation 5: Basic Research and Innovation 1 <i>Moderated by: Prof Terrence M Yau, Dr Robert James Cusimano</i>	
	1030 - 1040	OR-0026: Ferroptosis-Induced SUMO2 Lactylation Counteracts Ferroptosis by Enhancing ACSL4 Degradation in Lung Adenocarcinoma <i>Dr Guangyao Shan, China</i>
	1040 - 1050	OR-0089: Gut Microbiota Impacts Cardiac Metabolism and Oxidative Stress in Postnatal Mouse Hearts <i>Dr Ruyue Zhang, China</i>
	1050 - 1100	OR-0097: overexpressing GATA-4-BMSC-derived exosome suppresses H/R-induced cardiomyocyte ferroptosis through miR-330-3p/BAP1/SLC7A11/IP3R axis and mPTP opening <i>Dr Jigang He, China</i>
	1100 - 1110	OR-0102: Mannose inhibits NSCLC growth and the inflammatory microenvironment by regulating the gut microbiota and targeting the OGT/hnRNP R/JUN/IL-8 axis <i>Dr Haoyi Jin, China</i>
	1110 - 1120	OR-0157: Exploring Chitin-Architected 3D Culture Microenvironments: Effects on Mesenchymal Stem Cell Characteristics and Functions <i>Dr Dehua Chang, Japan</i>
	1120 - 1130	OR-0168: Identification of potential breath biomarkers for utilizing breath analysis as a screening tool in clinical diagnosis of lung adenocarcinoma: A pilot study <i>Dr Hyungkeun Bahn, South Korea</i>
	1130 - 1140	OR-0185: ZNF146 Accelerates Lung Adenocarcinoma Progression through MDM2/p53 and PHGDH/ferroptosis <i>Dr Junkan Zhu, China</i>

Programme accurate at time of publishing.



MAIN PROGRAMME | ORCHARD HALL 405B

DAY 3 | 16 MAY 2025, FRIDAY

1030 - 1230	Oral Presentation 7: Adult Cardiac <i>Moderated by: Prof Byung C. Moon, Dr Lim Chong Hee</i>
1140 - 1150	OR-0062: Very long-term outcome of AVR with mechanical valve for under the age of sixty <i>Dr Shuhei Sakaguchi, Japan</i>
1150 - 1200	OR-0227: Indispensable Structural Complications after Aortic Valve and/or Root Surgeries for Takayasu Arteritis <i>Dr Yuki Tadokoro, Japan</i>
1200 - 1210	OR-0251: Comparison of the results of aortic valve neocuspidalization (Ozaki procedure) with aortic valve bioprosthetics in patients with a narrow aortic annulus: a multicenter retrospective study <i>Dr Bakytbek Kadyraliev, Russia</i>
1210 - 1220	OR-0259: Sutureless aortic valve replacement in small annular type 0 bicuspid aortic valve: Short-term results <i>Dr Baiyu Tian, China</i>
1220 - 1230	OR-0260: Ozaki procedure - second experience in the world <i>Dr Artur Mikulyak, Russia</i>
1230 - 1300	Lunch, Exhibition & Posters Presentations

Programme accurate at time of publishing.



MAIN PROGRAMME | ORCHARD HALL 405B

DAY 3 | 16 MAY 2025, FRIDAY

1400 - 1520	Oral Presentation 8: Basic Research and Innovation 2 <i>Moderated by: Dr Louis P Perrault, Dr Kemp Kernstine</i>	
1400 - 1410	PS-0018: IDH2 L-lactylation modification alternates enzyme activity promoting myocardial ischemia-reperfusion injury and reshaping energy metabolism reprogramming <i>Dr Yijie Tang, China</i>	
1410 - 1420	OR-0213: Reducing Neointimal Hyperplasia in Vascular Surgery Using a Bivalirudin-Infused Carbopol 940 Gel <i>Dr Tzu-Yen Huang, Taiwan</i>	
1420 - 1430	PS-0026: Exploratory analysis of microplastics detection in ascending aorta: based on pyrolysis-gas chromatography/mass spectrometry (Py-GC/MS) <i>Dr Yucheng Hou, China</i>	
1430 - 1440	PS-0042: Genomic Insights into Type A Aortic Dissection: Results from a Pilot Whole Genome Sequencing Study <i>Dr Eunice Lo, Hong Kong SAR</i>	
1440 - 1450	OR-0258: Cardiac Surgery Without a Visible Scar: The Endoscopic Periareolar Approach <i>Dr Paradorn Jetwanna, Thailand</i>	
1450 - 1500	PS-0043: Preoperative Planning for Hypertrophic Obstructive Cardiomyopathy Integrating Computational Fluid Dynamics with Spatial Assessment Based on Four-dimensional Computed Tomography Angiography <i>Dr Shu Chen, China</i>	
1500 - 1510	OR-0166: AI-Based Automated Segmentation and Measurement of the Aorta from CT Plain Scans <i>Dr Sisi Chen, Hong Kong SAR</i>	
1600 - 1645	Meet-the-Expert by Johnson & Johnson: For Every Heart Opened: Advancing Hemostatic Strategies to reduce surgical complications in Complex CABG & Sternotomy <i>Prof Hiroshi Niinami, Japan Dr Chang Guohao, Singapore</i>	Johnson & Johnson MedTech

Programme accurate at time of publishing.



MAIN PROGRAMME | ORCHARD HALL 405B

DAY 3 | 16 MAY 2025, FRIDAY

1400 - 1520	Symposium 21: Nursing 2 - Navigating Complexity in Cardiothoracic Vascular Surgery <i>Moderated by: Ms Zhang Xiaoxia</i>	
	1645 - 1705	Integrated Approaches for Managing Critical and Acute Limb Ischemia <i>Ms Janis Lim Jun June, Malaysia</i>
	1705 - 1725	Healing Horizons: Unraveling the Art of Complex Wound Care <i>Ms Li Yao, Singapore</i>
	1725 - 1745	Streamlining Care: Reducing Cardiothoracic Intensive Care Unit Length of Stay for Chronically Ill Cardiac Patients <i>Ms Gillian Wee Hwei Li, Singapore</i>
	1745 - 1755	PS-0027: Comparing machine learning and statistical analysis to identify factors associated with atrial fibrillation in COVID-19 and non-COVID-19 patients in the intensive care unit <i>Mr Shulu Chen, Taiwan</i>
	1755 - 1805	OR-0281: Surgical Safety <i>Dr Rajasekar Bhabhe Suseela Devi, Bangladesh</i>
	1805 - 1815	Panel Discussion and Q&A

Programme accurate at time of publishing.



MAIN PROGRAMME | CHANGI HALL 406D

DAY 3 | 16 MAY 2025, FRIDAY

0800 - 1000	Symposium 15: Cardiology meets Cardiac Surgery
	Topic 1: Overview of Hybrid Revascularisation <i>Moderated by: Dr Gavin Ng, Dr Chang Guohao</i>
0800 - 0815	The role of coronary physiology and imaging in the evaluation of ischemia and revascularisation <i>Dr Jason Chen, Singapore</i>
0815 - 0830	Current status of Hybrid Revascularisation in the Robotic Era for Coronary Revascularisation <i>Prof Bob Kiaii, United States</i>
0830 - 0840	Panel Discussion and Q&A
	Topic 2: Structural Heart Disease <i>Moderated by: Prof Ivandito Kuntjoro, A/Prof Jimmy Hon Kim Fatt</i>
0840 - 0855	CTVS-Cardiology collaboration in structural heart procedures <i>Dr Gilbert HL Tang, United States</i>
0855 - 0910	Multimodality imaging pearls for aortic, mitral and tricuspid intervention <i>Dr William Kong, Singapore</i>
0910 - 0920	Panel Discussion and Q&A
	Topic 3: Prevention and Rehabilitation - tips and tricks for best outcomes <i>Moderated by: Dr Geetha Kayambu, Dr Karen Koh</i>
0920 - 0935	What happens after cardiac surgery – the journey to cardiovascular health <i>Dr Jeanne Ong, Singapore</i>
0935 - 0950	Utilising Telehealth in cardiac rehabilitation <i>Dr Violet Hoon, Singapore</i>
0950 - 1000	Panel Discussion and Q&A
1000 - 1030	<i>Coffee/Tea Break, Exhibition & Posters Viewings</i>

Programme accurate at time of publishing.



MAIN PROGRAMME | CHANGI HALL 406D

DAY 3 | 16 MAY 2025, FRIDAY

1030 - 1230	Symposium 17: Thoracic 4 - Tracheal and Oesophageal Diseases <i>Moderated by: Prof Yin-Kai Chao, A/Prof Jinny Ha, Dr Rajiv Santosham</i>
1030 – 1050	Tracheal resections – experience from a single high volume centre <i>Dr Rajiv Santosham, India</i>
1050 – 1110	Complications of tracheal resection surgeries <i>Dr Thirugnanam Agasthian, Singapore</i>
1110 – 1120	Panel Discussion and Q&A
1120 – 1140	Updates about oesophagectomy in surgical practice <i>Prof Stephen Yang, United States</i>
1140 – 1200	Tips and tricks in robotic oesophagectomy <i>Prof Yin-Kai Chao, Taiwan</i>
1200 – 1210	OR-0267: Single-Port Robot-assisted Minimally Invasive Esophagectomy using Single-Port Robotic System via Subcostal approach: A Single-Center Retrospective Study <i>Dr Jun Hee Lee, Republic of Korea</i>
1210 – 1220	OR-0244: Preliminary surgical outcomes from the multicentre, randomized phase III (SCIENCE) trial: Impact of neoadjuvant sintilimab regimens on resectable locally advanced esophageal squamous cell carcinoma <i>Dr Wenwu He, China</i>
1220 – 1230	Panel Discussion and Q&A
1230 - 1300	Lunch, Exhibition & Posters Presentations

Programme accurate at time of publishing.

DAY 3 | 16 MAY 2025, FRIDAY

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1400 - 1600	<p>Symposium 19: Thoracic 5 - Expanding the Realm of Thoracic Surgery <i>Moderated by: Prof Akif Turna, Prof Edmund Villaroman, Prof Stephen Yang</i></p> <p>1400 – 1420 Transforming Thoracic Surgery with AI <i>Prof Akif Turna, Türkiye</i></p> <p>1420 – 1440 Beyond the role of a traditional thoracic surgeon: Exploring the use of sympathectomy to control VTs and cryoablation for AF via robotic surgery <i>A/Prof Jinny Ha, United States</i></p> <p>1440 – 1500 Surgical management of thoracic outlet syndrome <i>Dr Korkut Bostanci, Türkiye</i></p> <p>1500 – 1520 Thoracoplasty for treatment of chronic pleural infection <i>Dr Saraansh Bansal, India</i></p> <p>1520 – 1530 Panel Discussion and Q&A</p> <p>1530 – 1540 OR-0181: Efficacy and safety of one novel non-invasive approach for localization of intraparenchymal small pulmonary nodules during uniportal thoracoscopic <i>Dr Chuan Li, China</i></p> <p>1540 – 1550 OR-0313: Virtual-assisted lung mapping in sublobar resection for primary lung cancer: long-term outcomes <i>Dr Ryuta Fukai, Japan</i></p> <p>1550 – 1600 OR-0360: One step treatment: The localization and surgical resection of small pulmonary nodules in a hybrid operating theatre <i>Dr Chin-Ming Lin, Taiwan</i></p>
1600 - 1645	<p>Meet-the-Expert by Siemens New frontiers in image-guided thoracic surgery <i>Dr Maik Bittner, Germany Prof Edmund Villaroman, Philippines Prof Chien-Ho Tsai, Taiwan</i></p>

Programme accurate at time of publishing.



MAIN PROGRAMME | CHANGI HALL 406D

DAY 3 | 16 MAY 2025, FRIDAY

1645 - 1845	Symposium 22: Controversies in Cardiac Surgery <i>Moderated by: Dr Oleksandr Babliak, Dr Taweesak Chotivatanapong, Dr Francis Joseph C</i>	
	1645 – 1705	Stich 3 - what will happen <i>Dr Stephen Fremes, Canada</i>
	1705 – 1725	Learning to walk... before learning to fly... median sternotomy to MIDCABG to TECAB <i>Prof Keita Kikuchi, Japan</i>
	1725 – 1745	Tricuspid - the new mitral? <i>Prof Jeffrey Jeswant Dillon, Malaysia</i>
	1745 – 1805	Training the future MICS Surgeon <i>Dr Peyman Sardari Nia, The Netherlands</i>
	1805 – 1825	Ischemic Mitral Regurgitation - What should we do <i>Prof Vegard Ellensen, Norway</i>
	1825 – 1845	Panel Discussion and Q&A

Programme accurate at time of publishing.



MAIN PROGRAMME | SENTOSA HALL 404A

DAY 3 | 16 MAY 2025, FRIDAY

0800 - 1000	Symposium 16: Congenital 2
	Topic 1: Complex Issues Moderated by: Dr Ahmad Sallehuddin, Prof Kisaburo Sakamoto, Dr Ong Kim Kiat
0800 - 0810	Surgical management of HOCM in children Prof Sertaç M. Çiçek, Türkiye
0810 - 0820	How to better predict future LVOTO in patients with arch obstruction? Prof Chun Soo Park, Republic of Korea
0820 - 0830	OR-0078: Intermediate outcomes of anatomical repair for congenitally corrected transposition of the great arteries and/or atrioventricular discordance at Vietnam National Children's Hospital Dr Toshikazu Sano, Japan
0830 - 0840	Addressing stenoses in vessels and airway - can we do a better job in the era of stents? Dr Masakazu Nakao, Singapore
0840 - 0850	Paediatric heart transplantation Dr Han Ki Park, Republic of Korea
0850 - 0900	Panel Discussion and Q&A
	Topic 2: Single Ventricle, Univentricular Physiology Moderated by: Dr Ahmad Sallehuddin, Prof Kisaburo Sakamoto, Dr Ong Kim Kiat
0900 - 0910	Atrioventricular valve management in Fontan strategy Prof Kisaburo Sakamoto, Japan
0910 - 0920	OR-0332: Impact of pulsatile bidirectional cavopulmonary shunt on pre-Fontan haemodynamics in single ventricle patients: a meta-analysis reveals favourable outcomes Dr Ketut Putu Yasa, Indonesia
0920 - 0930	OR-0077: Pulmonary blood flow imbalance after total cavopulmonary connection Dr Tai Fuchigami, Japan
0930 - 0940	OR-0336: Comparison of RV-PA conduit and mBT shunting the Norwood procedure for HLHS: a meta-analysis and individual patient study Dr Ketut Putu Yasa, Indonesia
0940 - 0950	OR-0020: Fate of the atrioventricular regurgitation after Blalock-Taussig shunt Dr Akira Yamaguchi, Japan
0950 - 1000	Panel Discussion and Q&A



MAIN PROGRAMME | SENTOSA HALL 404A

DAY 3 | 16 MAY 2025, FRIDAY

0800 - 1000	Coffee/Tea Break, Exhibition & Posters Presentations
1030 - 1230	Symposium 18: Congenital 3 Topic 1: Varia Moderated by: Prof Chun Soo Park, Dr Kok Hooi Yap, Dr Winn Maung Maung Aye <div> <div>1030 - 1040</div> <div>Surgical options for late presentation d-TGA Prof Ahmad Sallehuddin, Malaysia</div> </div> <div> <div>1040 - 1050</div> <div>Perfusion strategies during arch repair Prof Chun Soo Park, Republic of Korea</div> </div> <div> <div>1050 - 1100</div> <div>OR-0312: The difference between age in management of d-transposition of the great arteries in Indonesia as a developing country Dr Matthew Billy, Indonesia</div> </div> <div> <div>1100 - 1110</div> <div>OR-231: Risk factors for suboptimal outcomes after acceptable aortic valve in children Dr Wen Zhang, China</div> </div> <div> <div>1110 - 1120</div> <div>OR-0167: Long-term outcomes of pulmonary atresia with ventricular septal defect and major aortopulmonary collateral arteries based on central pulmonary artery morphology Ms Ayari Kimura, Japan</div> </div> <div> <div>1120 - 1130</div> <div>Panel Discussion and Q&A</div> </div> Topic 2: 3D Printing, Surgical Visualisation and Minimally Invasive Congenital Heart Surgery Moderated by: Prof Laszlo Kiraly, Dr Ching Kit Chen, Dr Senthil K Subbian <div> <div>1130 - 1140</div> <div>3D printing for congenital heart disease: pediatric cardiology view Dr Ching Kit Chen, Singapore</div> </div> <div> <div>1140 - 1150</div> <div>3D printing for preoperative emulation and a team-learning experience Dr Senthil K Subbian, Singapore</div> </div> <div> <div>1150 - 1200</div> <div>Mixed-reality (holography)-guided minimally invasive cardiac surgery Dr Winn Maung Maung Aye, Singapore</div> </div> <div> <div>1200 - 1210</div> <div>OR-0198: Totally thoracoscopic repair of partial atrioventricular septal defect with modified double-orifice valve plasty: surgical experience and early outcomes Dr Xiaohua Li, China</div> </div> <div> <div>1210 - 1220</div> <div>How we can improve the physical performance after Fontan operation? Prof Woong-Han Kim, republic of Korea</div> </div> <div> <div>1220 - 1230</div> <div>Panel Discussion and Q&A</div> </div>

Programme accurate at time of publishing.



MAIN PROGRAMME | SENTOSA HALL 404A

DAY 3 | 16 MAY 2025, FRIDAY

1230 - 1300	Lunch, Exhibition & Posters Presentations
1300 - 1400	Symposium 20: ECSC-ASCVTS Joint Session Moderated by: Prof Patrick Perier, Prof Marco Solinas
1400 - 1420	Mitral valve repair from sternotomy to Endoscopic Prof Patrick Perier, France
1420 - 1440	Endoscopic Aortic Valve and Tricuspid valve surgery Prof Marco Solinas, Italy
1440 - 1500	Endoscopic cardiac surgery for septal defects Prof Tomas Holubec, Germany
1500 - 1520	Teaching Endoscopic cardiac Surgery and the role of simulators Dr Peyman Sardari Nia, The Netherlands
1520 - 1540	Troubleshooting in Endoscopic in Mitral Valve Outcomes Prof Theodoros Kofidis, Singapore
1540 - 1600	Panel Discussion Coffee/Tea Break, Exhibition & Posters Presentation
1400 - 1600	Symposium 23: The latest in AF Surgical Treatment Moderated by: Dr Jiangang Wang, Dr Qian Qi, Dr Chang Guohao
1645 - 1705	Performing Cox Maze IV in Minimally invasive mitral surgery A/Prof Daniel Tai-Leung Chan, Hong Kong SAR
1705 - 1725	Cryoablation surgery for atrial fibrillation in robotic mitral surgery - How I do it Prof Ufuk Demirkilic, Türkiye
1725 - 1745	Convergence procedure - EP perspective Dr Katherine Yue-Yan Fan, Hong Kong SAR
1745 - 1805	Convergence procedure - Surgeon perspective A/Prof Daniel Tai-Leung Chan, Hong Kong SAR
1805 - 1825	Totally Thoracoscopic Maze procedure Dr Toshiya Otsuka, Japan
1825 - 1845	Panel Discussion and Q&A Asst Prof Kristine Teoh Leok Kheng, Singapore Dr John Andrew M Yam, Philippines

Programme accurate at time of publishing.



MAIN PROGRAMME | ESPLANADE HALL 406 CX

DAY 4 | 17 MAY 2025, SATURDAY

0800 - 0900	Symposium 24: Advances in Mitral Surgery Part 1 <i>Moderated by: Dr Nuttapon Arayawudhikul, Dr Paul Martin M. Garcia, Dr Chang Guohao</i>
	0800 - 0815 Degenerative Mitral Disease - To repair or replace <i>Prof Song Wan, China</i>
	0815 - 0825 A New Concept of Simplified and Standardized Endoscopic Mitral Valve Repair and Early Outcomes <i>Prof Theodoros Kofidis, Singapore</i>
	0825 - 0835 Mitral valve replacement with chordal apparatus preservation: A rational alternative to mitral valve repair in selected patients <i>Prof Byung C Moon, Canada</i>
	0835 - 0850 Advanced techniques in Mitral Repair <i>Dr Taweesak Chotivatanapong, Thailand</i>
	0850 - 0900 Panel Discussion and Q&A <i>Prof Chua Yeow Leng, Singapore Dr Robin Augustine Q. Flores, Philippines</i>
0900 - 1000	Symposium 28: Advances in Mitral Surgery Part 2 <i>Moderated by: Dr Philip Pang, Dr Chang Guohao</i>
	0900 - 0915 Edge to Edge Mitral Valve Repair - From Surgical to Percutaneous <i>Prof Ottavio Alfieri, Italy</i>
	0915 - 0935 Isolated Mitral Valve Surgery: Conventional VS MIS <i>Dr Nuttapon Arayawudhikul, Thailand</i>
	0935 - 0950 Simple annuloplasty for symmetric Barlow 50 patients treated <i>Prof Konstantinos Zannis, France</i>
	0950 - 1000 Panel Discussion and Q&A <i>Prof Chua Yeow Leng, Singapore Prof Kenny Sin, Singapore Dr Avenilo L. Aventura Jr., Philippines Dr Shu Chen, China</i>
1000 - 1030	Coffee/Tea Break, Exhibition & Posters Viewings

Programme accurate at time of publishing.



MAIN PROGRAMME | ESPLANADE HALL 406 CX

DAY 4 | 17 MAY 2025, SATURDAY

1030 - 1230	Symposium 31: The Era of Advanced Minimally Invasive Valve Surgery <i>Moderated by: Dr Yong Cui, Dr John Andrew M Yam, Dr Chang Guohao</i>
1030 - 1050	Totally endoscopic heart surgery: mitral valve repair and beyond <i>Prof Tomas Holubec, Germany</i>
1050 - 1105	Totally endoscopic right-sided heart surgery using venous smartcanula <i>Prof Tomas Holubec, Germany</i>
1105 - 1120	How I do it - Minimally invasive mitral + concomitant Aortic Tricuspid Valve surgery <i>Dr Oleksandr Babliak, Ukraine</i>
1120 - 1135	How I do it - Totally endoscopic 3D MIS MV repair using Loop in Loop technique <i>Dr Wang Sheng, China</i>
1135 - 1150	How I do it - Robotic Mitral Valve Surgery <i>Dr Sathyaki P Nambala, India</i>
1150 - 1205	Robotic Mitral Valve Surgery in Taiwan <i>Dr Nai-Hsin Chi, Taiwan</i>
1205 - 1230	Panel Discussion and Q&A <i>Prof Vipin Zamvar, United Kingdom</i> <i>Dr Jeffrey Jaswant Dillon, Malaysia</i>
1230 - 1330	Lunch, Exhibition & Posters Viewings

Programme accurate at time of publishing.



MAIN PROGRAMME | ESPLANADE HALL 406 CX

DAY 4 | 17 MAY 2025, SATURDAY

1330 - 1530	Symposium 35: Hypertrophic Cardiomyopathy <i>Moderated by: Prof Xiang Wei, Dr Lim Chong Hee</i>	
	1330 - 1350	HOCM - What surgeons should know prior to surgery <i>Prof Shuichiro Takanashi, Japan</i>
	1350 - 1410	How I do it - Surgery for HOCM <i>Dr Yong Cui, China</i>
	1410 - 1430	Advanced techniques in surgical management of HOCM <i>Prof Xiang Wei, China</i>
	1430 - 1450	Transmitral approach for HOCM <i>Dr Huiming Guo, China</i>
	1450 - 1510	Transaortic approach for HOCM <i>Dr Antonios Pitsis, Greece</i>
	1510 - 1530	Panel Discussion and Q&A <i>Dr Nuttapon Arayawudhikul, Thailand</i>
1530 - 1630	ASCVTS 2025 Closing Ceremony	

Programme accurate at time of publishing.



MAIN PROGRAMME | ORCHARD HALL 405B

DAY 4 | 17 MAY 2025, SATURDAY

0800 - 0900	Symposium 25: Aortic/Vascular 3 - TAAA <i>Moderated by: Prof Carlos A. Mestres, A/Prof Glenn Tan, Dr Ourania Preventza</i>
	0800 - 0810 MICS Descending thoracic aortic replacement After TARFET <i>Prof Randolph Wong, China</i>
	0810 - 0820 Thoracoabdominal aortic replacement - evolution from a small-volume center to a reliable one <i>Prof Kay-Hyun Park, Republic of Korea</i>
	0820 - 0830 Redo aortic surgery for type A dissection Indication and technique <i>Dr Eduard Charchyan, Russia</i>
	0830 - 0840 Organ protection in TAAA <i>Dr Ourania Preventza, United States</i>
	0840 - 0850 Redo intervention after TAAA? Strategy and options <i>Prof Edward P Chen, United States</i>
	0850 - 0900 Panel Discussion and Q&A
0900 - 1000	Symposium 29: Transplant & Mechanical Support 1 <i>Moderated by: A/Prof Chao Tar Toong Victor, Dr Sivathasan Cumaraswamy</i>
	0900 - 0912 Heart Transplantation – Present and Future <i>Prof Hermann Reichensperner, Germany</i>
	0912 - 0924 Update on Beating Heart Transplantation <i>Dr Joseph Woo, United States</i>
	0924 - 0936 The science of Donor-derived cell-free DNA in monitoring rejection after transplantation <i>Prof Anantharaman Vathsala, Singapore</i>
	0936 - 0948 Cold Perfusion for donor myocardial preservation <i>Prof Silvana Marasco, Australia</i>
	0948 - 1000 Q&A
1000 - 1030	Coffee/Tea Break, Exhibition & Posters Viewings

Programme accurate at time of publishing.



MAIN PROGRAMME | ORCHARD HALL 405B

DAY 4 | 17 MAY 2025, SATURDAY

1030 - 1230	Symposium 32: Transplant & Mechanical Support 2 <i>Moderated by: Dr Sivathasan Cumaraswamy, A/Prof Chao Tar Toong Victor</i>
1030 - 1042	Acute MCS <i>Prof Hermann Reichenspurner, Germany</i>
1042 - 1054	ECMO in circulatory support. How we practice in Singapore <i>Dr Mathew Chakaramakkil Jose, Singapore</i>
1054 - 1106	Novel concepts in durable mechanical circulatory support <i>Prof Arjang Ruhparwar, Germany</i>
1106 - 1118	Post-surgical management of BIVAD <i>Prof Silvana Marasco, Australia</i>
1118 - 1130	Complications and the possible further application of durable VAD <i>Dr Yih-Sharng Chen, Taiwan</i>
1130 - 1144	Management of outflow graft obstruction in LVAD – 1) Open Surgery - A/Prof Tan Teing Ee, Singapore 2) Stenting - A/Prof Jonathan Yap, Singapore
1144 - 1156	The recent advancement in heart transplantation and mechanical circulatory support in Taiwan <i>Dr Yih-Sharng Chen, Taiwan</i>
1156 - 1208	Japanese MCS Registry <i>Prof Minoru Ono, Japan</i>
1208 - 1230	Q&A
1230 - 1330	Coffee/Tea Break, Exhibition & Posters Viewings

Programme accurate at time of publishing.



MAIN PROGRAMME | ORCHARD HALL 405B

DAY 4 | 17 MAY 2025, SATURDAY

1030 - 1230	Symposium 36: The forgotten Tricuspid Valve <i>Moderated by: Prof Jeffrey Jeswant Dillon, Dr Philip Pang, Dr Qian Qi</i>
	1330 - 1350 TV - The Forgotten Valve <i>Prof Jeffrey Jeswant Dillon, Malaysia</i>
	1350 - 1410 Advanced imaging for Right ventricle function <i>Prof Ling Lieng Hsi, Singapore</i>
	1410 - 1430 Tricuspid Regurgitation - when is the right time to intervene <i>Prof Jose Luis Pomar, Spain</i>
	1430 - 1445 To do or not to do. To repair or to replace <i>Asst Prof Kristine Teoh Leok Kheng, Singapore</i>
	1445 - 1500 Robotic Tricuspid Surgery – Live in a box <i>Dr Nai-Hsin Chi, Taiwan</i>
	1500 - 1530 Panel Discussion and Q&A <i>Prof Chua Yeow Leng, Singapore Dr Javier Tejero, Spain Dr John Andrew M Yam, Philippines</i>

Programme accurate at time of publishing.



MAIN PROGRAMME | CHANGI HALL 406D

DAY 4 | 17 MAY 2025, SATURDAY

0800 - 0900	Symposium 26: Nursing 3 <i>Moderated by: Ms Li Yao</i>
	0800 - 0820 From Chaos to Control: Navigating the Complexities of Cardiothoracic Intensive Critical Crisis Emergency Management (CICCEM) <i>Ms Alice Deo, Singapore</i>
	0820 - 0835 Beyond the Tube: Innovating Chest Drainage for Optimal Patient Outcomes <i>Ms Xiao Li, Singapore</i>
	0835 - 0850 Hearts at Ease: CTS and Child-Life Therapists Unite to Reduce Anxiety in Paediatric Cardiac Surgery <i>Ms Ng Yoke Leng, Singapore</i>
	0850 - 0900 Panel Discussion and Q&A
0900 - 1000	Symposium 30: Aortic/Vascular 4 - Aortic Dissection <i>Moderated by: A/Prof Nishith Patel, A/Prof Hong Son, Mr Shakil Farid</i>
	0900 - 0910 How I do acute type A dissection <i>Dr Worawong Slisatkorn, Thailand</i>
	0910 - 0920 Aortic dissection surgery in Japan <i>Prof Yutaka Okita, Japan</i>
	0920 - 0930 AMDS application in aortic dissection. Current technique <i>Dr Jai Sule, Singapore</i>
	0930 - 0940 How to plan redo aortic surgery <i>Dr Saeid Hosseine, Iran</i>
	0940 - 0950 How to start aortic dissection service? <i>A/Prof Prasanta Kumar Chanda, Bangladesh</i>
	0950 - 1000 Panel Discussion and Q&A
1000 - 1030	Coffee/Tea Break, Exhibition & Posters Viewings

Programme accurate at time of publishing.



MAIN PROGRAMME | CHANGI HALL 406D

DAY 4 | 17 MAY 2025, SATURDAY

1030 - 1230	Symposium 33: Thoracic 6 - Evolving robotic landscape in thoracic surgery <i>Moderated by: Prof Takashi Suda, Dr Li Yue</i>	
	1030 -1050	Robotic thoracic surgery: Mitigating the costs involved in running a robotic programme <i>Dr Aneez Ahmed, Singapore</i>
	1050 -1110	Dealing with complications of robotic surgery <i>Prof Yin-Kai Chao, Taiwan</i>
	1110 -1130	Using the Hinotori: Is there room for other robots besides the Da Vinci? <i>Prof Takashi Suda, Japan</i>
	1130 -1150	URATS with Da Vinci XI: Benefits and challenges of doing single port robot in a tertiary hospital setting <i>Prof Zhao Deping, China</i>
	1150 -1220	The future of robotic thoracic surgery <i>Dr Lowell Leow, Singapore</i>
	1220 -1230	Panel Discussion and Q&A
1230 - 1330	Lunch, Exhibition & Posters Presentations	
1330 - 1530	Symposium 37: Innovation <i>Moderated by: Prof Theodoros Kofidis, Prof Byung C Moon, Dr Chang Guohao</i>	
	1330 - 1340	International registry to assess cardiac tumors; a global initiative to improve care for cardiac tumors <i>Dr Robert James Cusimano, Canada</i>
	1340 - 1350	New treatment strategies for locally advanced non-small cell lung cancer <i>Dr Kemp Kernstine, United States</i>
	1350 - 1400	Panel Discussion and Q&A
	1400 - 1410	Optimising recruitment and follow-up in complex multicentre surgical trials <i>Prof Terrence M Yau, Canada</i>
	1410 - 1420	Barriers to Innovation in cardiac surgery <i>Dr Louis Perrault, Canada</i>
	1420 - 1440	Panel Discussion and Q&A

Programme accurate at time of publishing.



MAIN PROGRAMME | CHANGI HALL 406D

DAY 4 | 17 MAY 2025, SATURDAY

1330 - 1530	1440 - 1450	Improving graft quality in endoscopic vein harvesting for CABG through hydro dissection <i>Dr Louis Perrault, Canada</i>
	1450 - 1500	Minimally Invasive Approach to Radial Artery Harvesting for CABG Surgery <i>Prof Byung C Moon, Canada</i>
	1500 - 1510	Next generation biometric implants for the treatment of cardiovascular disease <i>Dr Maximilian Emmert, Switzerland</i>
	1510 - 1520	Minimally invasive targeted resection (MiTR): A novel lung surgery approach enabled by a targeted, uniportal lung tissue excision system <i>Dr Richard Fischel, United States</i>
	1520 - 1530	Panel Discussion and Q&A

Programme accurate at time of publishing.



MAIN PROGRAMME | SENTOSA HALL 404A

DAY 4 | 17 MAY 2025, SATURDAY

0800 - 1000	Symposium 27: Transcatheter Heart Valve Therapy for Surgeons 2 (Aortic track) <i>Moderated by: Prof Anson Cheung, A/Prof Jimmy Hon Kim Fatt</i>	
	Panellist <i>Dr Gilbert HL Tang, United States</i> <i>Prof Shinichi Fukuhara, United States</i> <i>Dr Lee Yung Tsai, Taiwan</i> <i>A/Prof Jonathan Yap, Singapore</i> <i>Dr Qian Qi, Singapore</i> *Discussion after each presentation during the 5 mins Q&A Segment	
	0759 - 0800	Welcome and Opening Remarks
	0800 - 0810	Latest data on TAVR: a recap from CRT and ACC <i>Dr Gilbert HL Tang, United States</i>
	0810 - 0815	5 mins Q&A
	0815 - 0825	How to improve the outcomes of reintervention after surgical aortic valve replacement - aortic root enlargement <i>Prof Minoru Tabata, Japan</i>
	0825 - 0830	5 mins Q&A
	0830 - 0840	TAVI for asymptomatic severe aortic stenosis – convince me please! <i>Dr Ho Kay Woon, Singapore</i>
	0840 - 0845	5 mins Q&A
	0845 - 0855	Management of TAVI valve failure – TAVI explant or Redo TAVI? <i>Dr Gilbert HL Tang, United States</i>
	0855 - 0900	5 mins Q&A
	0900 - 0910	TAVI explant – How I do it <i>Prof Shinichi Fukuhara, United States</i>
	0910 - 0915	5 mins Q&A
	0915 - 0925	TAVI complications - Management of hypotension <i>Dr Qian Qi, Singapore</i>
	0925 - 0930	5 mins Q&A
	0930 - 0940	Managing challenging cases – Alternative access TAVI <i>Dr. Lee Yung Tsai, Taiwan</i>
	0940 - 0945	5 mins Q&A
	0945 - 0955	TAVI in pure AR – are we there yet? <i>Dr Lee Yung Tsai, Taiwan</i>
	0955 - 1000	5 mins Q&A
	1000	Summary and Closing Remarks
1000 - 1030	Coffee/Tea Break, Exhibition & Posters Viewings	

Programme accurate at time of publishing.



MAIN PROGRAMME | SENTOSA HALL 404A

DAY 4 | 17 MAY 2025, SATURDAY

1030 - 1230	Symposium 34: New Technology <i>Moderated by: Prof Ottavio Alfieri, Dr Faizus Sazzad</i>
1030 – 1050	The Emergence of a Revolutionary Surgical Tricuspid Valve <i>Dr Faizus Sazzad, Singapore</i>
1050 – 1110	Impact of mechanical circulatory support on outcomes in cardiogenic shock patients with acute myocardial infarction <i>Dr Ahmed F. Elmahrouk, Saudi Arabia</i>
1110 – 1130	Exosomes derived from microRNA-540-3p overexpressing bone marrow mesenchymal stem cells promote immune tolerance via the CD74/NF-κB pathway in cardiac allograft <i>Dr Jigang He, China</i>
1130 – 1150	Ferroptosis-Related Genes and Pathways in Cardiovascular Disease: Insights from Gene Expression Analysis and Network Approaches <i>Dr Ting Ren, China</i>
1150 – 1210	Game-Changing Balloon-Inflatable Venous Cannula for Enhanced CPB in MICS <i>Mr Ki Han Kim, Singapore</i>
1210-1230	Developing a bespoke, biomimicking, personalized mitral valve prosthesis <i>Irwan Shah Bin Mohd Moideen, Singapore</i>
1230 - 1330	Lunch, Exhibition & Posters Presentations

Programme accurate at time of publishing.



MAIN PROGRAMME | SENTOSA HALL 404A

DAY 4 | 17 MAY 2025, SATURDAY

1330 - 1530	Symposium 38: Transcatheter Heart Valve Therapy for Surgeons 3 (Mitral rack) <i>Moderated by: Prof Ivandito Kuntjoro, Dr Gilbert HL Tang</i>
	Panellist <i>Prof Anson Cheung, Canada</i> <i>Prof Kenny Sin, Singapore</i> <i>Prof Minoru Tabata, Japan</i> <i>Dr Wang Shou Zheng, China</i> <i>*Discussion after each presentation during the 5 mins Q&A Segment</i>
1329 - 1330	Welcome and Opening Remarks
1330 - 1340	Current and Future Transcatheter Edge-to-Edge Repair (TEER) Technologies: what can we treat now? <i>Dr Wang Shou Zheng, China</i>
1340 - 1345	5 mins Q&A
1345 - 1400	TEER vs Surgery in primary MR – Clinical Trials Update <i>Dr Edgar Tay, Singapore</i>
1400 - 1410	Surgical options after TEER failure <i>Prof Minoru Tabata, Japan</i>
1410 - 1415	5 mins Q&A
1415 - 1425	Where are we now and heading with transcatheter mitral valve replacement? <i>Dr Gilbert HL Tang, United States</i>
1425 - 1430	5 mins Q&A
1430 - 1440	Innovations beyond TEER and TMVR: what are other pipeline technologies? <i>Prof Anson Cheung, Canada</i>
1440 - 1445	5 mins Q&A
1445 - 1455	Trans-septal puncture for mitral procedures – step by step approach <i>Dr Gilbert HL Tang, United States</i>
1455 - 1500	5 mins Q&A
1500 - 1510	Severe mitral annular calcification – how I deal with it <i>Dr Lee Yung Tsai, Taiwan</i>
1510 - 1515	5 mins Q&A
1515 - 1525	Where does surgery fit in secondary MR in the world of TEER and TMVR? <i>Prof Kenny Sin, Singapore</i>
1525 - 1530	5 mins Q&A
1530	Summary and closing remarks

Programme accurate at time of publishing.



MAIN PROGRAMME | MEETING ROOM 1

DAY 2 | 15 MAY 2025, THURSDAY

1030 - 1230	Oral Presentation 1: Adult Cardiac <i>Moderated by: Prof Carlos A. Mestres, Prof Song Wan, Dr Taweesak Chotivatanapong</i>
1030 - 1040	OR-0025: Long-term Outcome of Hybrid Convergent AF Ablation Among Sexes In The UK <i>Dr Redoy Ranjan, United Kingdom</i>
1040 - 1050	OR-0038: Long-term results of Dor versus Cooley procedure in patients with post-infarction left ventricular aneurysm repair: a propensity score-matched study <i>Dr Andrey Protopopov, Russia</i>
1050 - 1100	OR-0042: Mitral valve repair for degenerative mitral regurgitation using partial annuloplasty band <i>Dr Unpei Okamoto, Japan</i>
1100 - 1110	OR-0326: Step by step technical advancement in Da Vinci-Assisted Mitral Valve Plasty: A Single-Center Experience <i>Dr Tomonari Uemura, Japan</i>
1110 - 1120	OR-0081: An evaluation of four predictive scores for new onset atrial fibrillation after cardiac surgery in a tertiary cardiac centre <i>Dr Shantel Chang, Australia</i>
1120 - 1130	OR-0175: Concomitant Bi-atrial CyroMaze with Left Atrial Appendage Clip for Atrial fibrillation in Minimally Invasive Cardiac Surgery: Single Centre Retrospective Review <i>A/Prof Daniel Tai-Leung Chan, Hong Kong SAR</i>
1130 - 1140	OR-0123: Clinical Outcomes of Mei Mini Maze Procedure for Atrial Fibrillation Combined with Functional Tricuspid Regurgitation <i>Dr Zhaolei Jiang, China</i>
1140 - 1150	OR-0214: Outcomes after Mitral Valve Repair using Glutaraldehyde-fixed Autologous Pericardium <i>Dr Saya Ishikawa, Japan</i>
1150 - 1200	OR-0156: Early Clinical Outcomes of Aortic Valve-Sparing Root Reimplantation in Highly Selective Marfan Syndrome Patients <i>Dr Xiangfeng Gong, China</i>
1200 - 1210	OR-0165: Redo Mitral Surgery on Fibrillating Heart Through Right Lateral Thoracotomy <i>Dr Yunxing Xue, China</i>

Programme accurate at time of publishing.



MAIN PROGRAMME | MEETING ROOM 1

DAY 2 | 15 MAY 2025, THURSDAY

1330 - 1450	Oral Presentation 2: Transcatheter Heart Valve Therapy <i>Moderated by: Prof Shinichi Fukuhara, A/Prof Jimmy Hon Kim Fatt</i>	
	1330 - 1340	OR-0344: Minimally Invasive Trans-Atrial Transcatheter Mitral Valve Replacement (TMVR) for severe concentric MAC in the light of the new AATS Expert Consensus Document on Surgical Management of MAC <i>Dr Monika Halas, United States</i>
	1340 - 1350	OR-0194: Transapical Mitral Valve Replacement via Mini-thoracotomy: Short-term Clinical Outcomes in High-risk Patients with Severe Mitral Regurgitation <i>Mr Hongxiang Wu, China</i>
	1350 - 1400	OR-0286: Transcatheter tricuspid valve-in-valve implantation with synthetic prosthesis <i>Dr Ravil Sharifulin, Russia</i>
	1400 - 1410	OR-0124: Safety and efficacy of concomitant left atrial appendage clipping in patients with atrial fibrillation undergoing TAVR:A propensity-score matching study <i>Dr Zhaolei Jiang, China</i>
	1410 - 1420	OR-0176: 1000 TAVI procedures using a polymer prosthesis: analysis of 9-year results. <i>Dr Andrey Voevodin, Russia</i>

Programme accurate at time of publishing.



MAIN PROGRAMME | MEETING ROOM 1

DAY 2 | 15 MAY 2025, THURSDAY

1615 - 1825	Oral Presentation 3: Adult Cardiac <i>Moderated by: Prof Minoru Ono, Prof Bob Kiaii, Dr Kenny Sin</i>	
	1615 - 1625	OR-0032: The Game-Changing Role of Intra-Aortic Balloon Counterpulsation in Open-Heart Surgery: Our 10-Year Experience with Retrospective Observational Data <i>Dr Faizus Sazzad, Singapore</i>
	1625 - 1635	OR-0215: Intercostal nerve cryoablation in patients with minimally invasive mitral valve surgery <i>Dr Anastasiia Guseva, Russia</i>
	1635 - 1645	OR-0241: Prophylactic left atrial appendage ligation in elderly patients without atrial fibrillation during open heart surgery <i>Dr Guanhua Li, China</i>
	1645 - 1655	OR-0249: Robotic Mitral Valve Repair in Patients with Pectus Excavatum: Safety and Efficacy <i>Dr Satoru Tomita, Japan</i>
	1655 - 1705	OR-0250: Robotic mitral valve repair for active infective endocarditis <i>Dr Satoru Tomita, Japan</i>
	1705 - 1715	OR-0262: Mitral valve regurgitation after postinfarction aneurysm repair <i>Dr Artur Mikulyak, Russia</i>
	1715 - 1725	OR-0264: Long-Term Survival Advantage of Reoperative Surgical Mitral Valve Replacement Over Transcatheter Mitral Valve-in-Valve: Insights from a Multicenter Cohort <i>Mr Daniel Won, United States</i>
	1725 - 1735	OR-0272: Surgical approach to the prevention of cardioembolic stroke: usefulness of totally thoracoscopic left atrial appendage closure and ablation (Wolf-Ohtsuka procedure) <i>Dr Hiroshi Ito, Japan</i>
	1735 - 1745	OR-0275: The outcomes of off-pump minimally invasive coronary artery bypass grafting in 120 consecutive patients. <i>Dr Shota Yamanaka, Japan</i>
	1745 - 1755	OR-0280: Efficacy of Impella-supported off-pump coronary artery bypass grafting in patients with severe left ventricular dysfunction; comparison study with on-pump beating strategy <i>Dr Atomu Hino, Japan</i>

Programme accurate at time of publishing.



MAIN PROGRAMME | MEETING ROOM 1

DAY 2 | 15 MAY 2025, THURSDAY

1615 - 1825	1755 - 1805	OR-0282: Prediction of Graft Patency using Preoperative Hyperemic and Non-hyperemic Intracoronary Pressure Indices in CABG <i>Dr Ryo Nakamura, Japan</i>
	1805 - 1815	OR-0287: Surgical treatment of aortic valve prosthesis endocarditis <i>Dr Alexander Bogachev-Prokophiev, Russia</i>
	1815 - 1825	OR-0293: 14 years of single-center experience in minimally invasive mitral valve surgery through right thoracotomy <i>Dr Anton Zalesov, Russia</i>

Programme accurate at time of publishing.



MAIN PROGRAMME | MEETING ROOM 1

DAY 3 | 16 MAY 2025, FRIDAY

0800 - 1000	Oral Presentation 4: Aortic <i>Moderated by: Prof Randolph Wong, Dr Ourania Preventza, Mr Shakil Farid</i>	
	0800 - 0810	OR-0005: Evaluation of long-term results in patients with retrograde DB III aortic dissection <i>Dr Naoki Washiyama, Japan</i>
	0810 - 0820	OR-0044: Protective effect on spinal cord injury of prophylactic cerebrospinal fluid drainage in extensive aortic arch repair for type A aortic dissection: a retrospective cohort study <i>Dr Chenyu Zhou, China</i>
	0820 - 0830	OR-0082: Direct comparison of Endurant Stent Graft System and Excluder Endoprosthesis using propensity score matching in Japanese Multicenter registry <i>Dr Hideaki Obara, Japan</i>
	0830 - 0840	OR-0308: Mortality Due to Aortic Aneurysm and its Attributable Risk Factors in Asia: Results from the Global Burden of Disease Study 2021 <i>Dr Laszlo Göbölös, Arab</i>
	0840 - 0850	OR-0346: When to Intervene? A Network Meta-Analysis of TEVAR Timing for Uncomplicated Type B Aortic Dissection <i>Dr Putu Febry Pertiwi, Indonesia</i>
	0850 - 0900	OR-0163: Acute type A aortic dissection in a developing center from China: 20 years' experiences <i>Dr Yunxing Xue, China</i>
	0900 - 0910	OR-0188: Optimal circulatory arrest temperature for total aortic arch replacement: outcomes of neurological complications <i>Dr Yeting Lou, China</i>
	0910 - 0920	OR-0195: Two-Stage Retrograde Hybrid Repair for Acute Aortic Dissection with Distal Malperfusion Syndrome <i>Dr Yi Xie, China</i>
	0920 - 0930	OR-0200: Novel Surgical Insights of Type A Acute Aortic Dissection involving Carotid Arteries <i>Dr Taishi Inoue, Japan</i>
	0930 - 0940	OR-0222: Artificial Intelligence in the Diagnosis of Aortic Pathology <i>Dr Gleb Kim, Russia</i>

Programme accurate at time of publishing.



MAIN PROGRAMME | MEETING ROOM 1

DAY 3 | 16 MAY 2025, FRIDAY

1030 - 1230	Oral Presentation 6: Perfusion <i>Moderated by: Mr Goh Si Guim, Ms Angeline Chern</i>	
	1030 - 1045	OR-0120: Retrograde autologous priming in CPB: A single-centre retrospective observational study <i>Dr Vita Minutoli, Australia</i>
	1045 - 1100	OR-0178: The method of "ex-vivo" ultrafiltration after CPB in small children <i>Dr Olga Melnikova, Russia</i>
	1100 - 1115	OR-0232: When less is more <i>Dr Michael Tom Quilaquil, Singapore</i>
	1115 - 1130	OR-0252: Percutaneous vs surgical cannulation for vascular complication in VA-ECMO: a multi-centre retrospective study <i>Dr Guanhua Li, China</i>
	1130 - 1145	OR-0361: Alternative technique of long acting cardioplegia delivery results in less hemodilution <i>Dr Syed Ahmad, Singapore</i>
	1145 - 1200	OR-0362: One crucial pharmacological strategy for shielding the heart from ischemia- reperfusion damage is cardioplegia <i>Dr Ahmed Al Odeh, Australia</i>
	1200 - 1215	PS-0003: Efficacy of FFP administration during CPB on hemostasis in acute aortic dissection surgery <i>Dr Yushi Okumura, Japan</i>
1400 - 1600	Perfusion Simulation Workshop 1	
1645 - 1845	Perfusion Simulation Workshop 2	

Programme accurate at time of publishing.



MAIN PROGRAMME | MEETING ROOM 1

DAY 4 | 17 MAY 2025, SATURDAY

0800 - 1000	ASCVTS - EACTS Joint Session: Enhancing cooperation between Asia and Europe in Thoracic Surgery <i>Moderated by: Prof Peter Licht, Prof Edmund Villaroman</i>	
	0800 – 0820	A New Age in thoracic surgery: Making the “T” in EACTS more visible within and outside Europe <i>Dr Korkut Bostanci, Türkiye</i>
	0820 – 0840	Innovations in thoracic surgery education in Asia – Transition from ATEP to Asia Thoracic Academy (ATA) <i>Dr Soon Sing Yang, Malaysia</i>
	0840 – 0900	The Francis Fontan Fund (FFF): Europe’s commitment to training young thoracic surgeons in VATS and RATS across Europe and Asia <i>Prof Peter Licht, Denmark</i>
	0900 – 0920	Asian lung cancer database and tumour board – Technology and security <i>Michael Dowding</i>
	0920 – 0940	Sustainability efforts by European Union in Thoracic Surgery <i>Dr Kalliopi Athanassiadi, Greece</i>
	0940 – 1000	Panel Discussion and Q&A

Programme accurate at time of publishing.



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At Edwards Lifesciences, we are dedicated to providing innovative solutions for people fighting cardiovascular disease. We partner with physicians to innovate products designed to help patients live longer, healthier and more productive lives.

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We lead global healthcare technology and boldly attack the most challenging health problems facing humanity by searching out and finding solutions. Our Mission — to alleviate pain, restore health, and extend life — unites a global team of 90,000+ passionate people. Powered by our diverse knowledge, insatiable curiosity, and desire to help all those who need it, we deliver innovative technologies that transform the lives of two people every second, every hour, every day. Expect more from us as we empower insight-driven care, experiences that put people first, and better outcomes for our world.

In everything we do, we are **engineering the extraordinary.**

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TERUMO

Terumo Corporation, a global leader in medical technology since 1921, is dedicated to "Contributing to Society through Healthcare." With over 25,000 associates worldwide, we deliver innovative solutions across 160+ countries, specializing in cardiac and vascular care and hospital products. At Terumo Cardiovascular and Terumo Aortic, we collaborate with cardiovascular and aortic clinicians to enhance aortic disease management and advance cardiovascular solutions. Committed to saving lives daily, we strive to improve patient outcomes and drive the evolution of medical technology.

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ARTHREX

Arthrex is a global medical device company and leader in new product development and medical education in orthopaedics. With a corporate mission of Helping Surgeons Treat Their Patients Better™, Arthrex has pioneered the field of arthroscopy and develops more than 1,000 innovative products and procedures each year.

Arthrex continues to experience unprecedented growth and demand for our products throughout the world; however, we remain a privately held company with a family business culture committed to delivering uncompromising quality to the health care professionals who use our products, and ultimately, the millions of patients whose lives we impact.

Discover more at www.arthrex.com



ARTIVION

Artivion is a leader in the manufacturing, processing, and distribution of medical devices and implantable tissues used in cardiac and vascular surgical procedures focused on aortic repair. Our purpose is to develop simple, elegant solutions that address cardiac and vascular surgeons' most difficult challenges in treating patients with diseases of the aorta and deliver breakthrough technologies of unsurpassed quality that have far-reaching impact. Our decades of expertise in treating aortic diseases—coupled with our recent acquisitions and partnerships—have empowered us to offer cardiac and vascular surgeons a suite of aortic-centric solutions such as cryopreserved cardiac and vascular allografts, surgical sealants, prosthetic heart valves, aortic stents, and stent-grafts.

Discover more at www.artivion.com



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ATMOS MEDIZINTECHNIK

ATMOS MedizinTechnik stands for excellence at all levels. As a family-owned and -operated company, we strive to provide our customers with first-class advice, premium products in the fields of ENT/GYN and medical suction systems, as well as optimal support — in over 130 countries worldwide. Our products are developed and produced at the ATMOS Group headquarters in Lenzkirch, Germany. ATMOS Medical Singapore Pte. Ltd. as a part of the ATMOS Group is responsible for the distribution of products and the excellent user support across Southeast Asia.

The digital ATMOS Cardiothoracic Drainage Systems provide digital drainage therapy for any indication. With the ATMOS S 201 Thorax and the ATMOS C 051, two cardiothoracic drainage systems are available for different requirements but have the same operating concept.

The ATMOS C 051 Thorax was developed for the mobilization of cardiothoracic drainage patients. Thanks to its powerful battery, the integrated pump as well as the flexible carrying, hanging and placement options, this compact drainage system can be taken anywhere.

The ATMOS S 201 Thorax was developed to drain large amounts of viscous fluids or large air leaks thanks to its high suction power and large secretion canister. With a suction capacity of 18 l/min, this versatile system ensures that a wide variety of cardiothoracic drainage therapies in the fields of cardiac and thoracic surgery can be carried out safely and reliably. The high flow rate and controlled vacuum adjustment ensure gentle treatment of sensitive lung tissue.

Discover more at www.atmosmed.com

AtriCure

ATRICURE

As a leading provider of innovative technologies for the treatment of Atrial Fibrillation (Afib) and related conditions, electrophysiologists and cardiothoracic surgeons around the globe count on AtriCure to deliver best-in-class solutions that can treat even the most complex cases. Our Isolator® Synergy™ Ablation System is the first medical device to receive FDA approval for the treatment of persistent Afib. Our AtriClip Left Atrial Appendage Exclusion System products are the most widely used LAA management devices worldwide. Our Hybrid AF™ Therapy is a minimally invasive procedure that provides a lasting solution for long-standing persistent Afib patients, and our cryoICE cryoSPHERE® probe is cleared for temporary ablation of peripheral nerves to block pain, providing pain relief in cardiac and thoracic procedures. We invest in innovation, clinical science, and education to focus on improving lives for our patients worldwide.

Discover more at www.atricure.com



EXHIBITORS



BEIJING BALANCE MEDICAL

Beijing Balance Medical Technology Co., Ltd was founded in 2005. Long term focused on the research of bio-materials with the core patented technology, the company has established the leadership position in the fields of structural heart disease and soft tissue repair in China. 21 medical device products have already received NMPA approval by 2024, in which 9 are the first approved domestic products in the related treatment fields. The company was successfully listed on Science and Technology Innovation Board (Stock code:688198.SH) in 2019. The company's structural heart disease product portfolio includes transcatheter heart valve, surgical valve replacement, surgical valve repair, congenital heart disease, committed to providing lifetime management for valvular disease in all age groups. The company's soft tissue repair product portfolio has covered extensive fields includes cardiovascular surgery, and will expand into more treatment areas.

Discover more at www.balancemed.cn/en/



CARDIO SURGICAL

Cardio Surgical is committed to providing and distributing innovative high quality surgical devices for use in cardiac, thoracic, and vascular surgery, for general, minimally invasive and microsurgery.

Cardio Surgical provides a special patented line, designed by Dr. Mattia Glauber MD and dedicated to Minimally Invasive Cardiac Surgery.

All Cardio Surgical products are manufactured in Germany, using top quality biomaterials according to the highest medical standards, regulations & specifications.

Our sales and marketing team is an international group, dedicated to providing customers and patients with professional support, careful service, and meaningful solutions, operating at the highest levels of ethical and compliance standards worldwide.

INNOVATION – QUALITY – SERVICE.

Discover more at www.cardio-surgical.cloud



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CORCYM

Sutureless Aortic Valve Replacement: Perceval Plus RelyON

The Perceval Plus RelyON system represents a significant advancement in sutureless aortic valve replacement (AVR), prioritizing minimally invasive procedures and improved patient outcomes. Its design centers on a collapsible, self-expanding Nitinol stent, eliminating sutures and ensuring optimal valve placement. The stent's flexibility mimics natural heart movement, enhancing durability.

A key innovation is the **FREE tissue treatment**, which removes phospholipids and neutralizes aldehydes, major contributors to valve calcification. This treatment, coupled with aldehyde-free storage, enhances the prosthesis's longevity by minimizing tissue deterioration.

The RelyON Delivery System streamlines implantation with a single-handed mechanism. Features like a top-loading valve, self-locking lever, and intuitive guides facilitate precise positioning, particularly in Minimally Invasive Cardiac Surgery (MICS), leading to smaller incisions and faster recovery.

Clinically, Perceval Plus demonstrates excellent hemodynamic performance, with low pressure gradients and minimal structural valve deterioration. The system also boasts a low pacemaker implantation rate. Its design is future-ready, serving as a suitable platform for valve-in-valve (ViV) procedures.

With over 100,000 implants worldwide, Perceval Plus is redefining AVR standards by combining advanced tissue treatments, enhanced structural design, and adaptability.

References from:

- Meuris B. et al., "A novel tissue treatment to reduce mineralization of bovine pericardial heart valves." J Thorac Cardiovasc Surg. 2018 Jul;156(1):197-206
- Lamberigts M. et al., "Sutureless aortic valves in isolated and combined procedures: 13 years of experience in 784 patients." J Thorac Cardiovasc Surg. (2022); doi: <https://doi.org/10.1016/j.jtcvs.2022.09.053> ,
- Thiene et al., "Anticalcification strategies to increase bioprosthetic valve durability." The Journal of Heart Valve Disease 2011 Jan;20(1) 37-44

Discover more at www.corcym.com



EXHIBITORS



CROWNJUN

CROWNJUN is committed to creating markets in various fields and areas by identifying global needs. There are still many injuries and diseases in the world that large companies will not address due to the small number of cases or the limited market size. However, as a family-owned company, CROWNJUN can remain closely connected to our customers and take on challenges in areas where larger companies may not venture. We aim to contribute to the development of new technologies to save as many patients as possible by leveraging our accumulated expertise in technological development.

Development episode of CROWNJUN ASFLEX

ASFLEX is the world's first cardiovascular surgical suture made of polyvinylidene-fluoride (PVDF). The birth of this remarkable product traces back to the encounter with an entirely novel material. In earlier times, cardiovascular surgeries relied on polypropylene (PP) sutures. However, PP suture tends to deteriorate in patient's body, leading to need reoperation. Our introduction to PVDF was led by a major Japanese underwear manufacturer that handles various synthetic fibers. Compared to PP, PVDF is superior in many points: strength, resilience against deterioration, and less damage to the human body. Nevertheless, its expensiveness and difficulty to process have prevented other companies from adapting PVDF. The commercialization of ASFLEX was supported by our company's technology which handled the hard-to-process PVDF. Today, ASFLEX is highly regarded by doctors throughout Japan.

Discover more at www.crownjun.com



CYTOSORBENTS

CytoSorbents is a pioneer and leader in intensive care and cardiac surgery through blood purification.

Its lead product, CytoSorb®, is approved in the European Union and distributed in 75 countries worldwide. More than 250,000 CytoSorb devices have been used.

In critical care, CytoSorb is proven to effectively and safely reduce elevated levels of cytokines and myoglobin, supporting restoration of renal function. It goes beyond renal replacement therapies and significantly reduces inflammatory mediators and metabolites.

In cardiovascular, CytoSorb can help stabilize hemodynamics, and reduce need for organ support with demonstrated benefits for patients with, or at high risk of, hyperinflammation or bleeding risks due to ticagrelor or rivaroxaban.

In liver and kidney care, CytoSorb effectively and simultaneously removes elevated levels of cytokines, liver toxins and/or myoglobin. It helps stabilize hemodynamics and liver / renal function recovery.

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Experience the difference to Optimize Access, Maximize Exposure and to Facilitate Precision with the Delacroix-Chevalier instruments touch. Cardiothoracic Unique designs crafted to the particular surgical approach with added craftsmanship to be your choice and extension of your hands!

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FEHLING INSTRUMENTS

FEHLING INSTRUMENTS is a distinguished Medtech company. Continuously striving to improve function and economy of products has led to outstanding innovations in material and design. The introduction of ceramic technologies was a major step towards perfection of surgical instruments.

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GEISTER MEDIZINTECHNIK GMBH

Excellence is the result of caring more than others think is wise, risking more than others think is safe, dreaming more than others think is practical, and expecting more than others think is possible.

GEISTER MEDIZINTECHNIK GMBH – founded in 1984 – is a manufacturer and system supplier of surgical instruments for conventional open and minimal invasive (keyhole) surgery with a focus on cardiovascular, neuro-, joint and powered surgery.

Located in Tuttlingen in Southwest Germany – the famous capital of the surgical industry worldwide. We are dedicated to servicing and supplying the surgical world with the highest quality instruments according to the specific requirements and helping medical professionals with their patient care in every part of the world. Quality with the best German workmanship is a global commitment for us. We aim to develop technical innovations for evolving, more patient-friendly minimally invasive surgical procedures that yet can maintain or even exceed the long-term results of proven conventional procedures.

Our owner-managed family business is one of the leading German manufacturers of surgical instruments and accessories. With considerable experience – our founder has been in this field since 1966 – in the manufacturing of delicate and highly precise surgical instrumentation, we supply a range of more than 10000 quality products for operative surgery, distributed in more than 70 countries worldwide. Purpose-oriented innovation, skilled craftsmanship and tradition, technological competence and measurable quality stand behind every surgical instrument.

Maximum responsiveness, quality, service and innovation, make us a preferred partner for surgical professional worldwide and keeps us on the cutting edge of the surgical instrument industry. We do not strive to sell the biggest number of surgical instruments, but always the finest ones. This goal we consequently follow.

Discover more at www.geister.com



GETINGE

Getinge's cardiovascular therapies and solutions ensure more effective interventions where patients experience better outcomes and faster recovery. As a partner for cardiovascular and cardiothoracic procedures, we offer technology and knowledge to improve the clinical experience before, during and after surgery. Our solutions support faster patient recoveries, minimize infections, and reduce risk of complications. This is why customers consistently experience easy to use solutions perfectly suited to meet their needs – the moment it's needed.

Our solutions for open heart surgery, advanced monitoring technologies and minimally invasive therapies make it easier for clinicians to conduct successful surgeries and enhance visibility and awareness of patient status. Our trainings are designed to enhance staff skillsets and increase confidence in the therapies.

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GRENA LTD

At Grena Ltd, we are dedicated to advancing medical technology with innovative solutions that enhance both patient safety and surgical efficiency.

As a trusted manufacturer of high-quality medical devices, we provide cutting-edge tools designed to meet the demanding needs of modern cardiovascular and thoracic surgery.

Our commitment to excellence is driven by continuous collaboration with leading healthcare professionals, ensuring our products align with the latest advancements in the field.

By integrating precision engineering with state-of-the-art materials, we develop solutions that set new standards in surgical performance.

Our signature innovations include Ne'x Glue Surgical Adhesive, 4Seal Hemostatic Powder, and Click'a V Plus polymer clips, as well as VClips titanium Clips.

Designed for superior biocompatibility and enduring strength, these solutions enhance procedural confidence in both open-heart and minimally invasive techniques.

Discover more at www.grena.co.uk

JL Japan Lifeline

JAPAN LIFELINE

Japan Lifeline has been dedicated to the development and manufacturing of polyester vascular grafts since 1987. Through close collaboration with physicians and the medical community, we strive to create innovative solutions that advance the treatment of aortic diseases.

Discover more at www.japanlifeline.com



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KOEHLER PHARMACEUTICAL ASIA

Koehler Pharmaceutical Asia, a joint venture between Dr Franz Koehler Chemie GmbH and C. Melchers GmbH & Co., Singapore Branch, combines the extensive experience and resources of two renowned organisations in the pharmaceutical and healthcare sectors.

Our flagship product, Custodiol® HTK solution, plays a vital role in organ transplantation by preserving and transporting donor organs with precision and efficacy. Approved for perfusion and irrigation of kidneys, liver, pancreas, and heart, Custodiol® HTK solution creates optimal conditions for successful transplantation, offering hope and saving lives. It also serves as a cardioplegia solution. By providing an optimal environment for cardiac surgeries, Custodiol® HTK solution offers hope, saves lives, and supports critical procedures in cardiovascular surgery.

At Koehler Pharmaceutical Asia, we are dedicated to meeting the specific needs of our partners, providing exceptional support, tailored solutions, and unmatched service. Together, we equip healthcare professionals with the tools and resources needed to deliver patients the highest standard of care.

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OPINSTRUMENTS GMBH

Innovation Leads Development, Technology Wins the Future

Oplnstruments GmbH, known as OPI, is a manufacturer and supplier of traditional open surgery and minimally invasive surgical instruments. We are dedicated to advancing the development of cardiovascular, neurological, and orthopedic surgical instruments, as well as related active surgical devices. Leveraging our core competencies in technological research, development, and innovation, we swiftly adapt to market demands and consistently deliver high-quality products and solutions, earning a distinguished reputation in the international community.

Oplnstruments GmbH, founded in 2014 and headquartered in Germany, is a manufacturer and supplier of traditional open and minimally invasive surgical instruments. Our mission is to safeguard lives through technology and to actively build a world-class international brand. Our goal is to provide high-quality medical surgical instruments and services based on clinical needs for global medical professionals, utilizing German craftsmanship, while offering minimally invasive surgical options for patients. While exploring domestic market potential, the company is further expanding into international markets, planning and promoting innovation with a global perspective, and continuously enhancing product performance and long-term competitiveness.

Currently, our high-quality and innovative products have been successfully exported to the United States, Japan, Korea and Southeast Asia, significantly raising our brand's international profile. We have also established solid partnerships with many internationally renowned companies, improving our product supply chain system, effectively covering key markets, and enabling us to better understand local market needs and provide targeted products and services.

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NEOS SURGERY

NEOS Surgery is an innovative technological company, dedicated to the development, manufacture and commercialization of medical devices in the field of neuro, cardiothoracic and spine surgeries.

With a philosophy rooted in "thinking out of the box," NEOS consistently addresses the demands of the healthcare sector to deliver safe, effective, and high-quality solutions for surgeons and patients. Through a focus on innovation and patient-centric design, we aim to develop tools that improve outcomes, enhance recovery, and set new benchmarks in surgical procedures.

In the cardiothoracic field, NEOS Surgery has expanded its portfolio with the introduction of STERN FIX; a new rigid sternal fixation system, designed to meet the growing demand for solutions that improve sternal stability and minimize complications.

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PERFUSION SERVICES AND SUPPLIES PTE LTD

PERFUSION SERVICES AND SUPPLIES PTE LTD is an integrated medical solution provider of top quality medical equipments, supplies and professional services that has been established since 1997. Managing Director, Mr Goh Beng Seng, a Perfusionist with more than 30 years experience himself understands the importance of reliable quality medical devices and the essence of a responsible Perfusionist in the surgical theatre setup. PERFUSION SERVICES AND SUPPLIES was founded in aim of building a one-stop distributor that includes marketing, sales and distribution of international medical devices and providing Professional Perfusionist Services.

PERFUSION SERVICES AND SUPPLIES is GDPMDS certified and specializes in medical devices used in the field of Cardiac, Vascular & Thoracic Procedures. We represent various international medical devices companies who develop top quality instruments and equipments. The company's distribution covers an extensive network of healthcare institutions that includes government and private hospitals, day surgery centers and specialist clinics in Singapore. We have an extensive distribution network within the South East Asia Region with Singapore as the base.

Discover more at www.perfusionsvcs.com



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PACIFIC MEDICAL SYSTEMS

With over 20 years' experience in promoting cardiovascular technologies across Asia, we extend a warm welcome to join us at our display stand where we will be showcasing the following innovative products:

Medistim: Medistim is the global leader in intra-operative, ultrasonic guidance and verification in Coronary Artery Bypass Grafting (CABG) surgery, combining Transit Time Flow Measurement (TTFM) and high frequency ultrasound imaging in a single, intuitive, mobile system. MiraQ provides real-time information of graft performance, assessment of ascending aortic plaque prior to manipulation, visualization of target vessel depth, lumen and composition, evaluation of the anastomotic configuration and many more. MiraQ can be configured for specific needs and comes with customizable workflows, reporting, and DICOM network capabilities.

SmartCanula: SmartCanula is a virtually wall-less, self-expanding venous cannula designed for safe and efficient venous drainage in minimally invasive and redo cardiac surgery. It offers higher flow rates in most cases without the need for vacuum assistance. SmartCanula is easy to use, provides better control, ensures a clear surgical field, and reduces procedure time. Its 12-F profile in pre-expanded state, makes for safe and easy introduction even in smaller patients.

RDB True Flow Canula: The RDB True Flow Canula is specifically designed and approved for Selective Antegrade Cerebral Perfusion (SACP) during aortic surgery. It is made of silicone with a malleable steel wire, features a kink-resisting design, a simple lock system, and an inflatable balloon to keep the cannula in place and reduce backflow. It is available in different sizes and with or without a pressure line.

FlexiGrip: FlexiGrip is a thermo-reactive Nitinol Sternum Closure system that provides a more rigid sternal closure for patients with an increased risk of sternal wound complications, such as those with double IMA grafts, diabetes, osteoporosis, COPD, and advanced age. It has four times the surface area of standard steel wires, does not cut into the bone, does not integrate with the bone, causes less bleeding, and offers more comfort to the patient. FlexiGrip is easy to use and ensures a secure closure.

CoroNeo: CoroNeo titanium retractors are designed for optimal exposure during heart valve surgeries. These retractors have movable and pivotable blades, allowing for anatomically correct visualization. They are made of titanium, making them lightweight, extremely durable, and non-reflective.

Don't miss this opportunity to learn more about how these devices can make a positive impact on surgical procedures and ultimately benefit patients.

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PETERS SURGICAL

A French group, an international influence

Founded in 1926, Peters Surgical is a French company present in over 90 countries. Today, it is a reference group for surgical practice throughout the world. With its expertise in the design, manufacture and distribution of medical devices, Peters Surgical has chosen to deploy French know-how in all around the world by setting up local support teams and manufacturing plants. Close to the surgical teams, Peters Surgical offers a range of dedicated services to improve surgical practices and provide the best possible care for patients.

The group continues its international deployment while strengthening its presence in Europe. This is a strategic decision to respond to ecological challenges and to position itself as a local partner.

Recognized as an expert in Sutures, Hemostatic Clips and Surgical Glue fields, Peters Surgical collaborates on a daily basis with reference experts to offer a wide range of surgical devices.

With more than 650 employees spread over 10 sites around the world, Peters Surgical is a French group with an international presence to meet the specific needs of each region, provide local support and give access to its medical devices under the best conditions.

Discover more at www.peters-surgical.com



SCANLAN

The world's finest surgical instruments designed and manufactured by the Scanlan family since 1921. Over 3,000 titanium and stainless steel precision instruments including: VATS / MIS instruments featuring the New BLACKMON™ Vented Suction Instrument with passive venting to prevent unintended lung inflation; SCANLAN® MEMORY instruments, and SCANLAN® LEGACY Titanium Needle Holders and Forceps. Single-Use products include SCANLAN® Aorta/Vein Punch, Vascu-Stat® Bulldog Clamps and Graft Markers.

Discover more at www.scanlaninternational.com



EXHIBITORS



SHANGHAI HANYU MEDICAL TECHNOLOGY CO., LTD.

Shanghai Hanyu Medical Technology Co., Ltd. was founded in late 2016 and is headquartered in Shanghai, China. Its flagship product is the Transapical Mitral Valve Clamp System—the first domestic interventional device approved by China's NMPA for treating mitral regurgitation. The device offers several key advantages:

- Minimally Invasive: Requires only a small precordial incision.
- Innovative Clamp Design: Features upper and lower clamp arms with blunt teeth for enhanced safety.
- Secure Operation: Utilizes a closure ring locking mechanism for efficient and secure performance.
- Echocardiography Guidance: Designed to be guided solely by echocardiography, eliminating the need for DSA.

Nearly 400 implants have been performed in China by 2024. Internationally, surgical procedures have already been performed in Indonesia, with plans to expand into Singapore and Thailand in the near future. In addition, the company has established a sophisticated and diversified product development pipeline in the field of structural heart disease. This portfolio includes:

- ReAces: A novel atrial septal defect occluder that has completed clinical enrollment and is currently undergoing follow-up visits.
- ValveClasp: A percutaneous mitral valve clamp and delivery system selected for the special review program for Chinese innovative medical devices in 2023, which is now in the clinical enrollment phase.

Shanghai Hanyu Medical Technology Co., Ltd. is dedicated to addressing unmet clinical needs in structural heart disease by providing patients with cost-effective, high-quality, and integrated cardiac solutions, ultimately improving both survival and quality of life.



SIEMENS HEALTHINEERS

When our health is at risk, we rely on physicians to make the best possible decisions – from quick, early diagnoses to the most effective treatments and follow-ups. By constantly bringing breakthrough innovations to market, we help healthcare professionals to deliver high-quality care, leading to the best possible outcome for patients.

Our portfolio of products, services, and solutions is at the center of clinical decision-making and treatment pathways. Patient-centered innovation has been and always will be at the core of our company. We aspire to create better outcomes and experiences for patients no matter where they live or what they are facing. This is why we give our best every day, to improve the lives of patients and their families.

We pioneer breakthroughs in healthcare. For everyone. Everywhere. Sustainably.

Discover more at www.siemens-healthineers.com



EXHIBITORS

VITAL

VITAL

Since its establishment in 1984, VITAL Corporation has proudly provided and distributed advanced cardiac surgery devices, with a special focus on minimally invasive surgery, to leading hospitals across Japan.

Our team is composed of highly knowledgeable and skilled professionals who are deeply passionate about our products. This commitment has enabled VITAL to cultivate strong, long-lasting relationships with hospitals, doctors, and healthcare providers through our flexible and attentive services. We are dedicated to the advancement of medical technology, especially focusing on equipping doctors and surgeons with the latest global insights and developing instruments for minimally invasive surgery that help reduce both the physical and psychological burdens on patients.

With more than 40 years of experience, in addition to being a distributor representing top-quality medical devices from world-leading medical companies, we have expanded our own portfolio with the introduction of the OPHIDIA II series, a beating heart stabilization system, designed to provide optimal solutions for OPCABG.

Feel free to visit our booth for more information. We look forward to seeing you there.



UNIMED

Unimed Healthcare Pte. Ltd. is the Distributor for the Rotem Thromboelastograph, an advanced haemostasis analyser and the VerifyNow Platelet Function Analyser. Together, these instruments can accurately, reliably and easily identify patients at risk of Hemorrhage and Thromboembolic events. With our A5 Algorithm, clinicians now have an extremely useful tool in knowing why a patient is bleeding, knowing what is causing the bleeding and how to quickly stop the bleed while avoiding thrombotic events. The VerifyNow Platelet Function analyser is a Point of Care device that easily indicates to clinicians the patients platelet response to GpIIb/IIIa blockers and Aspirin. With clear cut-off points, it is possible to titrate anti-platelet medication for even the most difficult to treat patients.

Discover more at www.unimed.com.sg



EXHIBITORS



WASTON MEDICAL

Established in 2002, Waston Medical is one of the top players in China's medical industry. With the concept of innovation and cooperation, we specialized in five lines including orthopedics, surgical staplers, thoracic implants, customized 3D printing, and advanced wound care. The orthopedic department focuses on trauma, spine, sports medicine, and artificial joints under development.

Located in Changzhou, a city 80 km west of Shanghai, we cover over 100,000m², including 50,000 m² of standard workshop and 5,000 m² of clean room. We operate strictly according to ISO standards, all products have been certified by CE0123, and part of the products have been certified by the FDA.

Adhering to ideas of cooperation, Waston has been emphasizing collaboration with clinical experts to combine the ideas of experts with design and production. Three Rows Staplers series, Revdrill Intramedullary Nail Series, 3D printer, and Sternal & Rib Fixation System are all successful cooperation cases with experts.

With more than 800 distributors, Waston serves 3500 hospitals in both domestic markets and overseas markets. We have entered more than 65 emerging countries and also developed countries like Australia, Germany, Netherlands, Switzerland, Spain, and so on.

We are dedicated to improving the quality of life for patients by increasing procedural efficiency and efficacy through innovative design, uncompromising quality standards, and the most technologically advanced manufacturing platforms.

Discover more at www.waston-global.com



EXHIBITORS



WELLCHEM

Wellchem is an established yet constantly-evolving company in the healthcare industry. We specialize in medicines, medical devices and healthcare products that are at the forefront in various specialties, ensuring that we provide the very best healthcare to medical professionals and patients alike.

Amongst the products that we supply to hospitals in Singapore, we have blood products designed for critical care, namely Octaplex® and Fibryga®.

Octaplex® is a 4-factor prothrombin complex concentrate (PCC) containing therapeutic and balanced levels of Factors II, VII, IX and X, as well as inhibitory proteins C and S. Octaplex® has been shown to provide rapid INR reversal within 10 minutes, with a small volume (500 IU in 20 mL per vial) and short infusion time.

Octaplex® is indicated for the treatment and perioperative prophylaxis of bleeding in patients with acquired prothrombin complex factor deficiency, such as that caused by Vitamin K antagonist therapy or when rapid correction of the deficiency is required. It may also be used for bleeding management and perioperative prophylaxis in congenital deficiency of Factors II and X when a purified specific coagulation factor product is not available.

On the other hand, Fibryga® is a highly purified and pathogen-inactivated human fibrinogen concentrate and an effective and convenient treatment for both acquired and congenital fibrinogen deficiencies.

Fibryga® is presented in vials containing 1g of fibrinogen as lyophilised powder for reconstitution with 50 mL sterile water for injection (WFI). After reconstitution, the solution provides approximately 20 mg/mL of human fibrinogen. Fibryga is for intravenous administration via infusion or injection.

Both Octaplex® and Fibryga® offer a number of benefits: concentration is standardised; they are stable at room temperature, can be reconstituted within minutes, and both have low infusion volumes. There is no need for thawing or cross-matching blood type and both have gone through dual viral inactivation steps, providing good alternatives in critical care of bleeding patients.

Discover more at www.wellchem.com.sg

Essenz™

Perfusion System



Elevating perfusion into a New Era

In the OR, advanced cardiopulmonary technology and the highly skilled hand of the perfusionist perform as one.

Essenz™ is LivaNova's next generation perfusion system that bridges five decades of proven performance, an enduring commitment to the safety of the patient, and the data accuracy you demand to bring more clinical wisdom to the OR.

The Wisdom of Breath and Beat.



LivaNova
Cardiopulmonary

Essenz Perfusion System is not available in all geographies. Please consult your labeling.

Essenz heart-Lung Machine

Devices are intended to perform, control, monitor and support extracorporeal blood circulation replacing the mechanical pumping function of the heart, monitoring and regulating physiologic parameters during procedures requiring extracorporeal circulation.

US: Essenz HLM is intended to be used during cardiopulmonary bypass for procedures lasting six (6) hours or less.

Essenz Patient Monitor

The Essenz Patient Monitor software is a modularly structured software program package that is exclusively used with LivaNova heart-lung machines. The system allows detailed recording of perfusion data during cardiopulmonary bypass procedures as well as the processing and evaluation of this data. The data may be recorded automatically or entered manually. The LivaNova Perfusion System Monitor is a panel PC intended to be exclusively used with LivaNova heart lung machines as a base and user interface for the Essenz Patient Monitor software.

Federal law (U.S.A.) restricts these devices to sale by or on the order of a physician.

The devices should be used by qualified and skilled personnel, able to follow the indications and instructions for use contained in the information provided by the manufacturer. Not approved in all geographies, consult your labeling. Please visit the LivaNova website to receive instructions for use containing full prescribing information including indications, contraindications, warnings, precautions and adverse events.

Legal Manufacturer:

LivaNova Deutschland, Lindberghstrasse 25 D-80939 Munich, Germany

Distributed in the USA by:

LivaNova USA, 14401 W 65th Way, Arvada, CO 80004, USA

Distributed in Canada by:

LivaNova Canada Inc., 280 Hillmount Road, Unit 8, Markham, ON L6C 3A1, Canada

CP-2300015



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