



March 27, 2022 / Track 1

**9:00-10:00**

## **Adult Cardiac Oral 2 : Valve**

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Moderators: Kazuo Tanemoto (Kawasaki Medical School, Japan)  
Takashi Kuniyama (The Jikei University School of Medicine, Japan)

**C-02-1** Azerbaijan experience of Ozaki procedure and our mid-term results

**Kamran Musayev**

*Central Hospital, Azerbaijan*

**C-02-2** Midterm result of aortic valve replacement in patients with aortic stenosis using aortic root enlargement technique

**Sara Kubo**

*Takatsuki General Hospital, Japan*

**C-02-3** Clinical Outcomes of Surgical Treatment for Infective Endocarditis with Root Abscess

**Yojiro Koda**

*Kobe University Hospital, Japan*

**C-02-4** Outcomes among mitral valve repair and replacement in native mitral valve endocarditis

**sitichok wachirasrisirikul**

*buddhachinaraj hospital, Thailand*

**C-02-5** Transaortic papillary muscle suspension technique for functional mitral regurgitation

**Hiroaki Takahashi**

*Hyogo Prefectural Awaji Medical Center, Japan*

**C-02-6** Collar-Like neo-commissure in mitral valve repair for extensive commissural prolapse

**Hailong Cao**

*The Affiliated Drum Tower Hospital of Nanjing University Medical School, China*

**10:10-11:10**

**Adult Cardiac Oral 3 :  
CABG & Maze**

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Moderators: Taichi Sakaguchi (Department of Cardiovascular Surgery, Hyogo College of Medicine, Japan)  
Yosuke Ishii (Nippon Medical School, Japan)

**C-03-1** Multidetector CT Angiographic Evaluation of Graft Patency Rate After CABG with Endarterectomy in Bangladesh

**Redoy Ranjan**

*Bangabandhu Sheikh Mujib Medical University, Bangladesh*

**C-03-2** Early results of arterial revascularization to the right coronary artery system in provincial hospital of Thailand

**Boonsap Sakboon**

*Lampang Hospital, Thailand*

**C-03-3** Long-term Outcomes After Off-pump versus On-pump Coronary Artery Bypass Grafting for Ischemic Cardiomyopathy

**Zhuoming Zhou**

*First Affiliated Hospital of Sun Yat-Sen University, Guangzhou, China*

**C-03-4** Change of Left Ventricular Volume and Clinical Outcomes in Ischemic Cardiomyopathy With or Without Coronary Artery Bypass Grafting

**Zhuoming Zhou**

*The First Affiliated Hospital of Sun Yat-Sen University, China*

**C-03-5** A LONG TERM MODIFIED MAZE PROCEDURE CONCOMITANT WITH MITRAL VALVE SURGERY

**Choosak Kasemsarn**

*Central Chest Institute of Thailand, Thailand*

**C-03-6** The results of 850 patients of MAZE IIIB for 12 years.

**Leo Bockeria**

*Bakulev National Medical Research Center for Cardiovascular Surgery, Moscow, Russian Federation*



# ASCVTS 2022 NARA, JAPAN

**11:20-12:20**

## **21C Debate Session :**

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Moderators: Byung Moon (Southlake Regional Health Centre, Canada)  
Tomoyuki Fujita (National Cerebral and Cardiovascular Center, Japan)

**21CDS-1** TAVAR vs. SAVR in low risk patients (for TAVR)

**Kendra Grubb**

*Emory University, Atlanta, USA*

**21CDS-2** TAVAR vs. SAVR in low risk patients (for SAVR)

**Tsuyoshi Kaneko**

*Brigham and Women's Hospital, Boston, Japan*

**21CDS-3** MICS vs Conventional Mitral Valve Repair (MICS)

**Simon Maltais**

*Intermountain Healthcare, Yellowstone Medical Center SCL Health Heart & Vascular Institute, Billings Cardiothoracic & Vascular Surgery, USA*

**21CDS-4** MICS vs Conventional Mitral Valve Repair (Conventional  
Conventional MV Repair)

**Vinod Thourani**

*Piedmont Heart Institute, Atlanta, USA*

**13:20-15:50**

## **ASCVTS-EACTS Session :**

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Moderators: Alan Sihoe (ASCVTS Councilor/Gleneagles Hospital, Hong Kong, China)  
Eric Roessner (University Medical Center of the Johannes Gutenberg University  
Mainz, Germany)

**AES-1** Training European Style: the EACTS Academy

**Sri Rathinam**

*Royal College of Surgeons of Edinburgh, UK*

**AES-2** Training Asian Style: ATEP (Asian Thoracoscopic surgery  
Education Platform)

**Jang-Ming Lee**

*ATEP President, Taiwan*

**AES-3** Planning a successful career - European perspective

**Michael Dusmet**

*EACTS Ex-Councilor, UK*

**AES-4** Planning a successful career - Asian perspective

**Chuen Neng Lee**

*ASCVTS Past-President, Singapore*

**AES-5** Good Ideas for Research - Thoracic

**Peter Licht**

*EACTS Past-President, Denmark*

**AES-6** Research and innovations are the cornerstones for a successful future for cardiac surgery

**Friedhelm von Beyersdorf**

*University Hospital Freiburg, Germany*

**AES-7** EACTS Cardiac Database: keys to success

**Chris Bond**

*EACTS Education Committee, UK*

**AES-8** How to set up and run a Guidelines Committee

**Milan Milojevic**

*EACTS Clinical Guidelines Committee, Serbia*

**AES-9** What does an Editor look for?

**Matthias Siepe**

*EJCTS Editor-in-Chief, Germany*

**AES-10** What makes a Good Reviewer?

**Carlos Mestres**

*Asian Annals Section Editor, South Africa*

**AES-11** Open Access Journals: who pays?

**Grace Li**

*AME Publishing Managing Editor, Hong Kong*

**16:00-16:20**

**Closing Ceremony :**

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March 27, 2022 / Track 2

**9:00-10:30**

## **Targeted Oral/Video session 2 :**

### **Systemic outlet-valve surgery in pediatric population**

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Moderators: Akio Ikai (Mt. Fuji Shizuoka Children's Hospital, Japan)  
Zohair Al Halees (King Faisal Specialist Hospital & Research Centre, Riyadh, Saudi Arabia)

**P-T3-1** A case of leaflet extension aortic valve repair with severe aortic regurgitation - Bridge to replacement in young children

**Maiko Tachi**

*Mt. Fuji Shizuoka Children's Hospital, Japan*

**P-T3-2** Biventricular repair conversion after Norwood procedure.

**Hiroyuki Suzuki**

*Okayama University, Japan*

**P-T3-3** Systemic Outlet Obstruction Surgery in Pediatric Population

**Zohair Al Halees**

*King Faisal Specialist Hospital & Research Centre, Riyadh, Saudi Arabia*

**P-T3-4** The Dutch German Ross Registry: Lessons learned from 300 pediatric patients and 25 years of follow up

**Yurgen Horer**

*German Heart Centre Munich, University Hospital of Munich (LMU), Germany*

**P-T3-5** Valve sparing root replacement

**Luca Vricella**

*, USA*

**P-T3-6** Biventricular Repair of Interrupted Aortic Arch with Hypoplastic Annulus: Staged vs. Primary Repair

**James D. St. Louis**

*Augusta University, USA*

**10:50-12:10**

**Mini oral/video abstract session :**

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Moderators: Akio Ikai (Mt. Fuji Shizuoka Children's Hospital, Japan)  
Naoki Yoshimura (University of Toyama, Japan)

**P-Ab3(m)-1** Correlation between Pre-Operative Pulmonary Valve Z-score and Valve Morphology with Post Operative Pulmonary Regurgitation in Tetralogy of Fallot patients

**Primayudha Dirgatama**

*Universitas Indonesia, Indonesia*

**P-Ab3(m)-2** Reconstruction of pulmonary valve with Hybrid Hemi-Contegra and Neoleaflet Technique in Tetralogy of Fallot Repair: A Case Report

**Kok Hooi Yap**

*KK Women's and Children's Hospital, Singapore*

**P-Ab3(m)-3** Modification of Warden Procedure for Anomalous Right Superior Venous Cava Drainage into Left Atrium with Partial Anomalous Pulmonary Venous Drainage

**Kok Hooi Yap**

*KK Women's and Children's Hospital, Singapore, Singapore*

**P-Ab3(m)-4** 3D-printing and surgical emulation in preoperative planning for recurrent pulmonary vein stenosis

**Senthilkumar Subbian**

*National University Hospital, Singapore*

**P-Ab3(m)-5** Surgery for congenital vascular ring

**Naoki Yoshimura**

*University of Toyama, Graduate School of Medicine, Japan*

**P-Ab3(m)-6** Effect of natural anticoagulants (Protein C and Protein S deficiency) concerns in pediatric extracorporeal membrane oxygenation: case report

**Chanokporn Supasa**

*Chiang Mai University, Thailand*

**P-Ab3(m)-7** Polytetrafluoroethylene bridging suture for common atrioventricular valve repair in a single ventricular patient

**Eiri Kisamori**

*Okayama University, Japan*



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**12:20-13:10**

## **Luncheon Seminar 7 : Japan Lifeline Co.,Ltd.**

Moderators: Kenji Minatoya (Kyoto University Hospital, Japan)

## **Benefits and limitations of the Frozen Elephant Trunk technique - Different perspectives in Europe and Japan**

**LS7-1**

**Davide Pacini**

*Professor, Cardiac Surgery, University of Bologna | Director, Cardiac Surgery, S. Orsola Hospital, Italy*

**LS7-2**

**Yosuke Inoue**

*Consulting Doctor, Department of Cardiovascular Surgery, National Cerebral and Cardiovascular Center, Japan*

**13:20-14:00**

## **Miscellaneous Aortic Issues 2 :**

Moderators: Takahiro Katsumata (Osaka Medical and Pharmaceutical University, Japan)  
Atsushi Omura (Nishinomiya Watanabe Hospital, Japan)

**A-Ab5(m)-1** Reconstruction of Infective Graft in Aortic Root and Arch Replacement by using a Rifampicin-bonded Gelatin-seal Dacron Graft

**Yoshihito Irie**

*Iwaki city Medical Center, Japan*

**A-Ab5(m)-2** Type 1b endoleaks, techniques and challenges

**krystal dinh**

*Westmead Hospital, Sydney, Australia*

**A-Ab5(m)-3** A case of Loeys-Dietz syndrome diagnosed with Stanford type A aortic dissection during medical treatment for COVID-19 pneumonia

**Masashi Kabasawa**

*Chiba Kaihin Municipal Hospital, Japan*

**A-Ab5(m)-4** Recovery from acute kidney injury after aortic arch repair poses a persistent threat to the follow-up kidney function

**Hiroomi Nishio**

*Takamatsu Red Cross Hospital, Japan*

**A-Ab5(m)-5** Alternative Access for Thoracoabdominal and Peripheral Endovascular Intervention: Literature Review

**Harry Narroway**

*Gosford Hospital, Australia*

**A-Ab5(m)-6** Two cases of surgical treatment of complicated chylothorax after thoracic aortic surgery

**Kensuke Iguchi**

*Seirei Mikatahara General Hospital / Japan, Japan*

**A-Ab5(m)-7** Surgical Treatment for Acute Pulmonary Thromboembolism: The Appropriate Choice of Therapeutic Strategy

**Noriko Ohyama**

*Okinawa Prefectural Nanbu Medical Center and Children's Medical Center, Japan*

**A-Ab5(m)-8** Catastrophic complication immediately after standard endovascular aortic repair

**Masatoshi Sunada**

*Tokyo General Hospital, Japan*

**14:10-14:50**

### **Acute Type A Aortic Dissection 3**

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Moderators: Shinichi Suzuki (Yokohama City University, Japan)

Yosuke Inoue (National Cerebral and Cardiovascular Center, Japan)

**A-Ab6(m)-1** Demographic features of acute type A aortic dissection in a mixed population of the Gulf region

**Laszlo Göbölös**

*Cleveland Clinic Abu Dhabi, United Arab Emirates*

**A-Ab6(m)-2** Surgical results of acute type A aortic dissection with neuropathy due to cerebral ischemia before surgery

**Jumpei Kobiki**

*Tenri Hospital, Japan*

**A-Ab6(m)-3** Prognosis after medical therapy for acute type A aortic dissection

**Koki Yokawa**

*National Cerebral and Cardiovascular Center, Japan*

**A-Ab6(m)-4** Hybrid Type II and Frozen Elephant Trunk in Acute Stanford Type A Aortic Dissections

**Jai Sule**

*National University Health System, Singapore*

**A-Ab6(m)-5** Our examination of total arch replacement in acute aortic dissection with open stent graft insertion

**Ryusuke Suzuki**

*Japanese Red Cross Kumamoto Hospital, Japan, Japan*





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**A-Ab6(m)-6** Surgical experience of one-stage hybrid aortic repair using frozen elephant trunk technique for Kommerell diverticulum and aberrant subclavian artery

**Yutaka Iba**

*Sapporo Medical University School of Medicine, Japan*

**A-Ab6(m)-7** Standardization of Total aortic arch replacement with Frozen elephant trunk: Comparison of surgical outcomes between attending surgeons and trainees

**Shun Sato**

*Nara Prefecture General Medical Center, Japan*

**A-Ab6(m)-8** Frozen elephant trunk for the patients with aortic dissection  
-Experience of use in our hospital

**Mitsuru Asano**

*Seireimikatahara general hospital, Japan*

**15:00-15:40**

## **Acute Type A Aortic Dissection 4**

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Moderators: Kay-Hyun Park (Seoul National University Bundang Hospital, Korea)  
Hitoshi Matsuda (National Cerebral and Cardiovascular Center, Japan)

**A-Ab7-1** Utility of Abdominal Aortic Duplex in the Management of Visceral Malperfusion in Acute Type-A Aortic Dissection

**Niranjan Hiremath**

*Cleveland Clinic Abu Dhabi, United Arab Emirates*

**A-Ab7-2** Searching the optimal strategy for coronary malperfusion in type A aortic dissection

**Kazuki Noda**

*National Cerebral and Cardiovascular Center, Japan*

**A-Ab7-3** Surgical outcomes of acute type-A aortic dissection complicated with malperfusion syndrome.

**So Izumi**

*Japanese Red Cross Kobe Hospital and Hyogo Emergency Medical Center, Japan*

**A-Ab7-4** Clinical outcomes after optimal medical treatment for acute type A aortic dissection with thrombosed false lumen

**Kenta Masada**

*National Cerebral and Cardiovascular Center, Japan*

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## **Thoracic aorta 4 :**

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Moderators: Khamin Chinsakchai (Siriraj hospital, Thailand)  
Tsutomu Ito (Keio University School of Medicine, Japan)  
Yasumasa Seike (National Cerebral and Cardiovascular Center, Japan)

**A-Ab8(m)-1** Successful ascending aorta replacement using intermittent pressure-augmented retrograde cerebral perfusion (IPA-RCP) for acute aortic dissection type A coexistent brain infarction

### **Mitsuhiro Kawata**

*Tokyo Metropolitan Geriatric Hospital and Institute of Gerontology, Japan*

**A-Ab8(m)-2** One stage hybrid total aortic arch repair for extended aortic arch and descending thoracic aortic disease

### **Tomohiro Mizuno**

*Tokyo Medical and Dental University, Japan*

**A-Ab8(m)-3** Open surgery for thoracoabdominal aortic aneurysm with the deep hypothermic circulatory arrest at our institution

### **Shuhei Nishijima**

*Tokyo Women's Medical University, Japan*

**A-Ab8(m)-4** Straight incision with rib-cross (SIRC) approach for extended thoracic aortic aneurysm

### **Kozo Morita**

*Tokyo Women's Medical University, Japan*

**A-Ab8(m)-5** Total Endovascular versus Hybrid Repair for the Treatment of Thoracoabdominal Aortic Aneurysms: A Systematic Review and Meta-Analysis

### **Xue Wei Chan**

*National University Hospital (NUH), Singapore*

**A-Ab8(m)-6** Outcomes of Abdominal aortic aneurysm repair in patients aged over 85 years old with complications of sarcopenia

### **Kenji Sakakibara**

*University of Yamanashi, Japan*



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**A-Ab8(m)-7** Two-stage Technique of Aorto-bi-iliac Stent-graft Implantation Performed in a Patient with an Abdominal Aortic Aneurysm and Iliac Artery Occlusion

**Shizuya Shintomi**

*Fukaya Red Cross Hospital, Japan*

**A-Ab8(m)-8** Mid-term outcome of endovascular repair for aorto-iliac aneurysm with the Gore Excluder iliac branch endoprosthesis; multi center study

**Yasuko Gotake**

*Hyogo prefectural Awaji medical center, Japan*

**A-Ab8(m)-9** Strategies for prevention of paraplegia in thoracoabdominal aortic aneurysm repair

**Go Kuwahara**

*Fukuoka University, Japan*

**A-Ab8(m)-10** Endovascular Repair of subclavian artery dissection Involving the right Vertebral Artery after Carotid-vertebral artery bypass

**Manabu Morishima**

*Tenri Yorozu Hospital /Japan, Japan*

**A-Ab8(m)-11** Early and mid-term outcomes of open surgery after thoracic endovascular aortic repair

**Koki Yokawa**

*National Cerebral and Cardiovascular Surgery, Japan*

**A-Ab8(m)-12** Long Term Results of Late Open Conversion after Thoracic Endovascular Aortic Repair by Etiology

**Akitoshi Takazawa**

*Saitama Medical University International Medical Center, Japan*

**10:10-11:10**

## **Adult Cardiac Video 1 :**

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Moderators: Akihiko Usui (Cardiac Surgery, Nagoya University, Japan)

Hiroki Yamaguchi (Showa University Koto Toyosu Hospital, Japan)

**C-VI-1** Reoperative Aortic Valve Replacement After Bio-Bentall using a Double Sawing Ring Technique in a Very Elderly Patient with Hemodialysis

**Yuki Ikeno**

*Japanese Red Cross Tokushima Hospital, Japan*

**C-VI-2** Ascending aortic cannulation in totally endoscopic valve surgery

**Mamoru Orii**

*Japanese Red Cross Aichi Medical Center Nagoya Daiichi Hospital, Japan*

**C-V1-3** Totally endoscopic aortic valve replacement using, bioprosthetic and mechanical valves. Tips, tricks and caveats

**Ilias Skaltsiotis**

*National University Hospital Singapore, Singapore*

**C-V1-4** Valve Plasty for Barlow like anterior mitral leaflet and P3 (jet lesion) adhesion to the left ventricular wall

**Masaru Sawazaki**

*Komaki City Hospital, Japan*

**C-V1-5** A Case Report of Double Valve Replacement for the Patient with Degenerative Mitral Valve Stenosis and Aortic Valve Stenosis

**Takeo Nakai**

*Midori Hospital, Japan*

**C-V1-6** PROCEDURE MODIFICATION FOR EASIER ROBOT ASSISTED MITRAL VALVE REPLACEMENT

**Laszlo Göbölös**

*Cleveland Clinic Abu Dhabi, United Arab Emirates*

**C-V1-7** Mitral valve repair for acute infective endocarditis with cavitron ultrasonic surgical aspirator

**Riku Kato**

*Japanese Red Cross Aichi Medical Center Nagoya Daiichi Hospital, Japan*

**C-V1-8** Commando Operation for a Case of Extensive Infective Endocarditis Around the Aortomitral Continuity

**Yasuyuki Bito**

*Osaka City General Hospital, Japan*

**11:20-12:10**

## **Adult Cardiac Video 2 :**

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Moderators: Motonobu Nishimura (Tottori University , Japan)

Hironori Izutani (Ehime University Graduate School of Medicine, Japan)

**C-V2-1** Cardiogenic shock during Hybrid Coronary Revascularization

**Nuttapon Arayawudhikul**

*Lampang Hospital, Thailand*

**C-V2-2** 3D-Endoscopic Internal Thoracic Artery Harvesting in Minimally Invasive CABG

**Masaaki Kobayashi**

*Japanese Red Cross Nagoya First Hospital, Japan*



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**C-V2-3** Minimally invasive coronary artery bypass grafting to the posterior descending artery combined with aortic valve replacement through right thoracotomy

**Shunsuke Sato**

*Yodogawa Christian Hospital, Japan*

**C-V2-4** Double-patch repair for blow-out type left ventricular free wall rupture after myocardial infarction

**Taro Nakatsu**

*Kansai Electric Power Hospital, Japan*

**C-V2-5** The Case of Primary Cardiac Tumor Removal involving Right Ventricle Wall and Reconstruction

**Eunji Kim**

*Asan Medical Center, University of Ulsan College of Medicine, Korea*

**C-V2-6** A rare case of metastatic osteosarcoma to the interventricular septum

**Yosuke Takahashi**

*Osaka City University, Japan*

**C-V2-7** A Case of Completely Resected Cardiac Angiosarcoma

**Shohei Okubo**

*Okinawa Nanbu Prefectural Medical Center and Children's Medical Center, Japan*

**12:20-13:10**

**Luncheon Seminar 8 :**  
**CSL Behring K.K.**

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Moderators: Toshiaki Ito (Japanese Red Cross Aichi Medical Center Nagoya Daiichi Hospital, Japan)

**LS8-1** How to start robotic cardiac surgeries in a local hospital

**Hiroshi Tsuneyoshi**

*Shizuoka General Hospital, Department of Cardiovascular Surgery, Japan*

13:20-14:00

### Adult Cardiac mini Oral 3 :

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Moderators: Hirotsugu Fukuda (Dokkyo Medical University Hospital, Japan)  
Hiroyuki Kamiya (Asahikawa Medical University, Japan)

**C-m03-1** FACTORS AFFECTING THE OUTCOME OF MITRAL VALVE SURGERY ON RHEUMATIC PATIENTS WITH SEVERE PULMONARY HYPERTENSION

**Farahnaz Ynawat-Abdulmajid**

*Philippine Heart Center, Philippines*

**C-m03-2** Midterm Outcome of Resection Versus Non-Resection Technique for Mitral Valve Repair of Isolated Posterior Mitral Leaflet Prolapse

**Sikarin Srinualnad**

*Central Chest Institute of Thailand, Thailand*

**C-m03-3** Two cases of functional mitral regurgitation with low left ventricular function

**Yusuke Kawasaki**

*Kansai electric power hospital, Japan*

**C-m03-4** Safe launch of robotically assisted mitral valve repair program: Experience of initial 27 cases under the Less Invasive Surgical Center

**Yasushi Yoshikawa**

*Tottori University, Japan*

**C-m03-5** Preliminary report of preoperative simulation using 3D printer heart model in mitral valve surgery.

**Mitsuharu Hosono**

*Kansai Medical University, Japan*

**C-m03-6** The Maze Procedure and Postoperative Pacemakers

**Morimoto Yoshihisa**

*Kita-Harima Medical Center, Japan*

**C-m03-7** The Impact of COVID-19 on the Delivery of Adult Cardiothoracic Surgery at a COVID-19 Centre in Australia

**Harry Narroway**

*Gosford Hospital, Australia*



14:10-14:50

## Adult Cardiac mini Oral 4 :

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Moderators: Hiroshi Yamamoto (Akita University Graduate School of Medicine, Japan)  
Takuro Tsukube (Japanese Red Cross Kobe Hospital, Japan)

**C-m04-1** Routine Preoperative Screening Computed Tomography of the Thorax for Cardiac Surgery

**Jai Sule**

*National University Health System, Singapore*

**C-m04-2** A virtual-reality imaging analysis of the dynamic aortic root anatomy

**Kenichi Kamiya**

*Shiga University of Medical Science, Japan*

**C-m04-3** A case of early structural valve deterioration 2 years after aortic valve replacement.

**Yuta Kitagata**

*Kitano Hospital, Japan*

**C-m04-4** Monozygotic twins in TAVI

**Shigeaki Kaga**

*University of Yamanashi Hospital, Japan*

**C-m04-5** The determining of tricuspid valve plasty procedure for tricuspid valve insufficiency by intraoperative findings : only ring annuloplasty or not?

**Jiro Matsuo**

*Hyogo Prefectural Awaji Medical Center, Japan*

**C-m04-6** Feasibility of del Nido Cardioplegia in Complex Valve Surgery

**Jota Nakano**

*Kurashiki Central Hospital, Japan*

**C-m04-7** Pulmonary valve neocuspidization of a patient with pulmonary valvular and subvalvular stenose.

**Kamran Musayev**

*Central Hospital, Azerbaijan*

**C-m04-8** Validation of virtual reality imaging accuracy of dynamic, functioning heart valves using an ex-vivo porcine heart.

**Kenichi Kamiya**

*Shiga University of Medical Science, Japan*

15:00-15:40

## Adult Cardiac mini Oral 5 :

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Moderators: Hiroaki Takahashi (Hyogo Prefectural Awaji Medical Center, Japan)  
Yuki Ikeno (Japanese Red Cross Tokushima Hospital, Japan)

**C-m05-1** Atrial Fibrillation after Coronary Artery Bypass Grafting Surgery A  
Complication Beyond Electrolytes

**Jai Sule**

*National University Health System, Singapore*

**C-m05-2** Evaluation of fully automated ventilation after off-pump coronary  
artery bypass grafting

**Kiyoshi TAMURA**

*Soka Municipal Hospital, Japan*

**C-m05-4** Clinical evaluation of portable digitalized suction system after  
cardiovascular surgery

**Kiyoshi Tamura**

*Soka Municipal Hospital, Japan*

**C-m05-5** Postoperative Reverse Dipping of Mean Arterial Pressure and  
Mortality After Coronary Artery Bypass Grafting

**Zhuoming Zhou**

*First Affiliated Hospital of Sun Yat-Sen University, China*

**C-m05-6** Evaluation of lactate change for predicting VA-ECMO survival : A  
retrospective study of point of care Lactate and VIS

**Hyunsoo Kim**

*Inje University Haeundae Paik Hospital, Korea*

**C-m05-7** Impact of fresh autologous blood transfusion on blood coagulation  
during cardiovascular surgery: evaluated by thromboelastometry  
ROTEM

**Junji Nakazawa**

*Hokkaido Kitami Hospital, Japan*





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**9:00-10:30**

## **STS/ASCVTS Database session :** **Congenital**

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Moderators: Hani Najm (Cleveland Clinic, USA)  
Kisaburo Sakamoto (Shizuoka Children's Hospital, Japan)

**DS3-1** Upcoming Updates to the STS Congenital Heart Surgery Database

**Ram Kumar Subramanyan**

*University of Southern California, Children's Hospital, Los Angeles, USA*

**DS3-2** The Adult with Congenital Heart Disease in STS Databases

**Tara Karamlou**

*Cleveland Clinic, USA*

**DS3-3** Risk Stratification and Risk Modelling in the STS Congenital Heart Surgery Database

**Jeffrey P. Jacobs**

*University of Florida, USA*

**DS3-4** Verification of Data in the STS Congenital Heart Surgery Database

**David M. Overman**

*Mayo Clinic-Children's Minnesota Cardiovascular Collaborative, USA*

**DS3-5** CHSS Quality Initiative

**James K. Kirklin**

*Kirklin Institute for Research in Surgical Outcomes, University of Alabama at Birmingham, USA*

**DS3-6** Clinical researches using Japanese Cardiovascular Database(JCVSD)-Congenital - 10 years experiences

**Yasutaka Hirata**

*The University of Tokyo, Japan*

**10:40-12:00**

**STS/ASCVTS Database session :**  
**Critical Care / INTERMACS**

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Moderators: Rakesh C. Arora (Max Rady College of Medicine, University of Manitoba, Winnipeg, Canada)  
Minoru Ono (Research Institute for Biomedical Science and Engineering, The University of Tokyo, Japan)

**DS4-1**      What is Failure to Rescue (FTR) and why it matters

**Glenn Whitman**

*Johns Hopkins Hospital, USA*

**DS4-2**      How to reduce Failure to Rescue due to cardiac arrest the CVICU

**J. Dunning**

*James Cook University Hospital, UK*

**DS4-3**      How Enhancing Recovery Protocols can reduce Failure to Rescue

**Daniel Engelman**

*Baystate Medical Center, USA*

**DS4-4**      The utility of Impella catheter-based micro-axial left ventricular assist device in shock patients: Analysis of Japan Registry for Percutaneous Ventricular Assist Device (J-PVAD)

**Koichi Toda**

*Osaka University, Japan*