

July 7 (Wed)

AM

RV bypass surgery (Fontan, Glenn)

Moderator: Hideto Shinpo (Japan)

- PE2-001** Exercise Induced Electrocardiograms in mid-long term after Total Cavo Pulmonary Connection (TCPC)
Sachiko Kido
The Department of Cadiology, Hyogo Prefectural Kobe Children' s Hospital, Hyogo, Japan
- PE2-002** Mid-term outcome after TCPC in patients with high resistant pulmonary circulation
Hirofumi Saiki
Deatment of Cardiology, Hyogo Prefectural Kobe Children' s Hospital, Kobe, Japan
- PE2-003** A mid-long term prognosis of patients with total cavo-pulmonary connection - A single center and retrospective study
Tomohiro Hayashi
The Department of Pediatrics, Kurashiki Central Hospital, Japan
- PE2-004** Wave intensity analysis of the ascending aorta in patients with Fontan circulation
Mitsuru Seki
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan
- PE2-005** The relationship between the maximum rate of ventricular pressure rise and aortic pressure rise in patients with single ventricular
Hidenori Kawasaki
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan

Cardiac failure

Moderator: Toshiyuki Itoi (Japan)

- PE2-006** Clinical value of ANP/BNP ratio as a diagnostic tool for heart failure severity in patients with single ventricular circulation
Mitsuru Seki
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan
- PE2-007** The relationship between circulating monocyte counts and plasma levels of tumor necrosis factor-alpha
Hidenori Kawasaki
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan
- PE2-008** Circulating monocyte counts as marker of heart failure
Yoichi Iwamoto
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan
- PE2-009** Value on Three-dimensional Echocardiography for Quantifying Left Ventricular Function in Conotruncal Defects
Kun Sun
Department of Pediatric Cardiology, Shanghai Children Medical Center, Shanghai Jiao Tong University School of Medicine, Shanghai, China

- PE2-010** Heart failure with preserved ejection fraction may be risk factor for angiotensin-converting enzyme inhibitor
Satoshi Masutani
Pediatric Cardiology, Saitama Medical University, Saitama, Japan

Catheter intervention 1

Moderator: Seong Ho Kim (Korea)

- PE2-011** Transient myocardial damage after transcatheter occlusion of atrial septal defect using Amplatzer septal occluder
Hiroshi Nishino
Department of Pediatric Cardiology, St. Mary hospital, Kurume, Japan
- PE2-012** Transcatheter Atrial Septal Defect closure in infants and young children weighing 10 kg and less
Edwin Francis
Department of Pediatric Cardiology, Amrita Institute of Medical Sciences, Kochi, India
- PE2-013** Transcatheter Closure of ASD using Amplatzer Septal Occluder: A single center Experience
Sukman T. Putra
Dept. of Pediatrics, Faculty of Medicine University of Indonesia, Dr Cipto Mangunkusumo Hospital, Indonesia
- PE2-014** Transcatheter Balloon Dilation for Re-opening of Total Occluded Blalock-Taussig Shunt
Pornthep Lertsapcharoen
Department of Pediatrics, Faculty of Medicine, Chulalongkorn University and Cardiac center, King Chulalongkorn Memorial Hospital, Thailand
- PE2-015** Predictors of successful balloon pulmonary valvuloplasty in children with congenital pulmonary valve stenosis
Poppy S. Roebiono
Department of Cardiology and Vascular Medicine, Faculty of Medicine University of Indonesia

Catheter intervention 2

Moderator: Bharat Dalvi (India)

- PE2-016** Radiofrequency guiding pulmonary valvulotomy and valvuloplasty in pulmonary atresia with intact ventricular septum
indriwanto S Atmosudigdo
Department of Cardiology and Vascular Medicine, University of Indonesia, Jakarta, Indonesia
- PE2-017** Stenting of Patent Ductus Arteriosus as an Alternate to Blalock-Taussig Shunt
Pornthep Lertsapcharoen
Department of Pediatrics, Faculty of Medicine, Chulalongkorn University and Cardiac center, King Chulalongkorn Memorial Hospital, Thailand
- PE2-018** Using Amplatzer septal occluder for transcatheter closure of atrial septal defect without balloon sizing
Chien-Fu Huang
Departments of Pediatric Cardiology, Chang Gung Memorial Hospital, Kaohsiung Medical Center, Taiwan
- PE2-019** Transcatheter Closure of Coronary Fistulas Using Vascular Plug
Wasana Hongkan
Chonburi hospital, Thailand

- PE2-020** Effect of stent implantation on pulmonary artery hemodynamics
Kazuki Kohno
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan

Adult congenital heart disease 2

Moderator: Tim Hornung (New Zealand)

- PE2-021** Results of transannular plasty of outflow tract of right ventricle with simultaneous modeling of monocusp
Hakimjon Kabuldjanovich Abrolov
Department of Congenital Heart Disease, RSCS of V.V.Vakhidov, Tashkent, Uzbekistan
- PE2-022** Fragmentation of wide QRS complex as a surrogate marker for surgical scars of TOF patients
Seung-Jung Park
Department of Internal Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea
- PE2-024** The Effect of RV Remodeling Post ASD Device Closure on Tricuspid Regurgitation and Pulmonary Pressure
Lay Kian Goh
National Heart Centre, Singapore
- PE2-025** Oxygen saturation profile in cyanotic congenital heart disease patients
Tai Tee Betty Yap
Nursing Development Unit, National Heart Centre, Singapore

TOF/ Long-term after repair

Moderator: Krishna S Iyer (India)

- PE2-026** Right ventricular outflow tract reconstruction for tetralogy of Fallot - Fan-shaped ePTFE valve and bulging sinus
Takako Miyazaki
The department of Pediatric Cardiovascular Surgery, Children's Research Hospital, Kyoto Prefectural University of Medicine, Kyoto, Japan
- PE2-027** Angiotensin converting enzyme inhibitor (ACE-I) reduce B-type natriuretic peptide (BNP) in patients with repaired tetralogy of Fallot (TOF)
Takuo Furukawa
The department of pediatrics, University of Hokkaido, Hokkaido, Japan
- PE2-028** Relationship between aortic stiffness property and ventriculo-arterial coupling in patients with arterial switch operation
Ayako Kuraoka
Department of pediatric cardiorogy, Kyusyu kouseinennkinn hospital, Fukuoka, Japan
- PE2-029** Quantitative evaluation of cardiac function in monozygotic diamniotic twin patients: Tissue Doppler Study
Sumito Kimura
Kitasato university of medicine, Japan

- PE2-030** Oral prostaglandin for duct-dependent lesion congenital heart disease in neonate: a case report
Piprim B Yanuarso
The Department of Child Health, University of Indonesia, Cipto Mangunkusumo Hospital, Jakarta, Indonesia

Congenital heart disease 2

Moderator: William Yip (Singapore)

- PE2-031** The outcomes of ventricular function after total repair of tetralogy of Fallot
Supawadee Thongsen
Department of Pediatrics, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand and cardiac center Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand
- PE2-032** Quality of life and cardiac function in single ventricle patients without Fontan operation
Worawan Jittham
Department of Pediatrics, Faculty of Medicine, Chulalongkorn University and Cardiac center of King Chulalongkorn Memorial Hospital, Bangkok, Thailand
- PE2-033** Inhaled nitric oxide versus aerosolized iloprost in post operative congenital heart diseases with pulmonary hypertension
Jarupim Soongswang
Department of Pediatrics, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand
- PE2-034** Experiences with the modified Blalock-Taussig shunt in 30 neonates
Dicky Fachri
Departement Pediatric Cardiac Surgery, National Heart Center Harapan Kita Jakarta Indonesia
- PE2-035** Accuracy of the Doppler-derived pressure gradient in pediatric patients with aortic valvular stenosis
Hirokuni Yamazawa
The Departments of Pediatrics and Developmental Medicine, Hokkaido University, Graduate School of Medicine, Sapporo, Japan

Surgery

Moderator: Mohamad Ali Navabi Shirazi (Iran)

- PE2-036** Fourteen year experience with homograft bank of a hospital (SMC)
Yu Kyung Lee
Department of Thoracic and Cardiovascular surgery, Samsung medical center, Sungkyunkwan university School of Medicine, Seoul, Korea
- PE2-037** Bilateral pulmonary artery banding with additional absorbable suture for hypoplastic left heart syndrome variant
Yuji Kaku
Tokyo women's medical university hospital, Japan
- PE2-038** Surgical Results of Partial Anomalous Pulmonary Venous Connection
Kenji Suzuki
Department of Cardiovascular Surgery, Tokyo Women's Medical University, Tokyo, Japan

- PE2-039** Early results of right ventricular outflow tract reconstruction with a cryopreserved femoral vein homograft
Tae-Gook Jun
Department of Thoracic and Cardiac Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea
- PE2-040** Experience in Surgical Intervention for Left-side Late Complication after Arterial Switch Operation
Yih-Sharng Chen
National Taiwan University Hospital, Taiwan

Cardiac complications in systemic disorder

Moderator: Seiyo Yasui (Japan)

- PE2-041** Type B Aortic Dissection in an 11 Year-Old Child with IgA Nephropathy
Lucy Y. Eun
Pediatric Cardiology, Myongji Hospital Cardiovascular Center, Kwandong University Health System, Goyang, Korea
- PE2-042** A boy with aortic root aneurysm-first case report of Loeys Dietz syndrome in Chinese population
Carmen KM. Tam
Department of Paediatrics & Adolescent Medicine, Pamela Youde Nethersole Eastern Hospital, Hong Kong
- PE2-044** Acute lymphoblastic lymphoma-leukemia presenting with right ventricular (RV) mass and consequent life-threatening pulmonary embolism
Yu-mi Ko
Department of Pediatrics, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea
- PE2-045** Evaluation of cardiac function in mice model with secondary hemochromatosis
Sena Moon
Department of Pediatrics, College of Medicine, The Catholic University of Korea, Seoul, Korea

Congenital heart disease/catheter intervention

Moderator: Young Hwue Kim (Korea)

- PE2-046** Capabilities of fetal echocardiography at the early detection of the complex CHD
Botir Ismatov
Tashkent Pediatric Medical institute hospital, Tashkent, Uzbekistan
- PE2-047** The prevalence of restrictive right ventricular physiology in severe pulmonary stenosis and pulmonary atresia
Saraorn Thonginnetra
Department Of Pediatrics, Faculty Of Medicine, Srinakharinwirot University, Nakhon Nayok, Thailand
- PE2-048** Transhepatic Right Heart Catheterization and Biopsy in Pediatric Heart Transplants
Prakul Chanthong
Pediatric Cardiology, Department of Pediatrics, Stollery Children's Hospital, University of Alberta, Edmonton, Alberta, Canada

PE2-049 First 100 arterial switch operations for transposition of great arteries, learning experience from Lahore, Pakistan
Mohammad A Khan
The Children's Hospital & Institute of Child health, Lahore, Pakistan

PE2-050 Balloon aortoplasty as a treatment in children with coarctation of aorta in Singapore
Yew You Chan
Department of Diagnostic and Interventional Imaging, KK Women's and Children's Hospital, Singapore

Kawasaki disease 2

Moderator: Ji Whan Han (Korea)

PE2-051 Kawasaki disease patients with six principal symptoms have a high risk for requiring additional IVIG
Yuichi Nomura
Division of Pediatrics, Kagoshima University Graduate School of Medical and Dental Sciences, Kagoshima, Japan

PE2-052 S100 proteins could not be suppressed by infliximab treatment in refractory Kawasaki disease
Kazuyoshi Saito
Department of Pediatrics, Faculty of Medicine, University of Toyama, Toyama, Japan

PE2-053 Incomplete Kawasaki disease and cardiac complications: Report of 2 cases
Masayuki Teraguchi
Department of Pediatrics, Nakano Children's Hospital, Osaka, Japan

PE2-054 Clinical features and cardiovascular involvement in Kawasaki disease at National Hospital of Pediatrics, Hanoi-Vietnam
Ho Sy Ha
National Hospital of Pediatrics (NHP), Hanoi, Vietnam

PE2-055 Change of collaterals associated with coronary artery occlusion after Kawasaki disease (KD)
Ji -Hee Kwak
Department of Pediatrics, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

PM

Adult congenital heart disease 3

Moderator: Kenji Suda (Japan)

- PE3-001** Mechanisms underlying aortic dilation after repair of Tetralogy of Fallot: abnormal arterial mechanical properties
Mitsuru Seki
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan
- PE3-002** Aortic Dilatation (AD) and Bentall Operation in Tetralogy of Fallot (TOF)
Hideshi Yamamura
The Department of Pediatric Cardiology, Tokyo Womens Medical University, Japan
- PE3-003** Late outcomes 10 years after arterial switch operation (ASO) for transposition of the great arteries (TGA)
Kazuhiko Ishimaru
Department of Cardiovascular Surgery, Division of Surgery, Osaka University Graduate School of Medicine, Osaka, Japan
- PE3-004** Surgical correction of septal defects through thoracotomy approach
Hakimjon Kabuldjanovich Abrolov
Department of Congenital Heart Disease, RSCS of V.V.Vakhidov, Tashkent, Uzbekistan
- PE3-005** Long term outcomes after atrial switch operation with transposition of great artery in Taiwan
Ya-Mei Chang
Departments of Pediatrics and Surgery¹, National Taiwan University Hospital & Taipei city hospital, Taipei, Taiwan

Intensive care

Moderator: Arata Murakami (Japan)

- PE3-006** A pitfall in estimating pulmonary to systemic flow ratio from arterial oxygen saturation in hypoplastic left heart syndrome
Hidenori Kawasaki
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan
- PE3-007** Targeted sedation with dexmedetomidine in the postoperative intensive care management after pediatric cardiac surgery (sedation and its beneficial sympatholysis)
Shintaro Nemoto
Department of Cardiovascular Surgery, Osaka Medical College Hospital, Japan
- PE3-008** Primary arterial switch beyond 3 weeks of age : What is feasible without ECLS?
Parvathi U. Iyer
Department of Pediatric Cardiac Surgery, Fortis-Escorts Heart Institute, New Delhi, India
- PE3-009** Comparison of Ketamine, Midazolam versus Propofol, Fentanyl for sedation patients in cardiac catheterization laboratory
Prakul Chanthong
Division of Cardiology, Department of Pediatrics, Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand

- PE3-010** Coagulation factors and fibrinolysis system during modified ultrafiltration in pediatric cardiac surgery
Shin Takabayashi
The Departments of Thoracic and Cardiovascular Surgery, Mie University Graduate School of Medicine, Tsu, Mie, Japan

Basic

Moderator: Susumu Minamisawa (Japan)

- PE3-011** Inositol 1,4,5-trisphosphate receptors are required for vascular development
Keiko Uchida
The Department of Pediatrics, Keio University School of Medicine, Japan
- PE3-012** The importance of early diagnosis and early intervention for Marfan syndrome and Loeys-Dietz syndrome
Hideaki Ueda
Department of Cardiology, Kanagawa Children's Medical Center, Japan
- PE3-013** The Role of Transient Receptor Potential Melastatin-Related Channel M3 (TRPM3) in the Rat Ductus Arteriosus
Rika Aoki
Cardiovascular Research Institute, Yokohama City University Graduate School of Medicine, Japan
- PE3-014** Ethanol and its metabolites induce cytotoxicity and H3K9 epimutation in cardiac progenitor cells
Jie Tian
Department of Heart Centre, Children's Hospital of Chongqing Medical University, Chongqing, P. R. China
- PE3-015** Monocyte counts and aortopulmonary collateral formation in Fontan candidates
Kazuki Kohno
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan

RV bypass surgery (Fontan, Glenn)

Moderator: Koji Kagizaki (Japan)

- PE3-016** Cardio-vascular, cardio-renal and cardio-cerebral interactions in the Fontan circulation
Satoshi Masutani
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan
- PE3-017** TDI and Diastolic Function in Late Fontan Operation
Pimpak Prachasilchai
Queen Sirikit National Institute of Child Health, College of Medicine, Rangsit University, Thailand
- PE3-018** Mid-term Result of Right Atrial Isolation for Atrial fibrillation or Flutter in ACHD
Masahide Chikada
The Department of Cardiovascular Surgery, St. Marianna University, Kawasaki, Japan
- PE3-019** Medium and long term outcomes of Fontan operation
Paweena Chungsomprasong
Division of Pediatric Cardiology, Department of Pediatrics Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand

- PE3-020** An Innovative Total Cavopulmonary Connection in Heterotaxy Syndrome with Contralateral IVC and Hepatic Vein Drainage
Kang-Hong Hsu
Department of Surgery, National Taiwan University Hospital, Taipei, Taiwan

Renal disease and others

Moderator: Mikiko Shimizu (Japan)

- PE3-021** Determinants of renal function in patients with congenital heart disease: beyond the low cardiac output
Akiko Tamai
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan
- PE3-022** Venous congestion is an important determinant of postoperative renal function independent of cardiac output in patients with congenital heart disease
Akiko Tamai
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan
- PE3-023** Palivizumab use and the current issues of severe RSV infection in pediatric heart disease: a prefecture-wide survey during four seasons
Keishiro Amano
Department of Pediatrics, Mie University Graduate School of Medicine, Mie, Japan
- PE3-024** A Case of Takotsubo Cardiomyopathy Evolved into Dilated Cardiomyopathy
Yukako Yoshikane
Department of Pediatrics, Fukuoka University, Japan
- PE3-025** Efficacy of omega-3 on improvement of ventricular function in infants with dilated cardiomyopathy
saeed abtahi
Department of pediatric cardiology, Islamic azad University, Mashhad branch, Mashhad, Iran

Pulmonary hypertension

Moderator: Yuichi Nomura (Japan)

- PE3-026** New pulmonary vasodilators against intractable pulmonary vascular lesions (excluding Eisenmenger syndrome) associated with congenital heart disease: a mid-term study
Yoshihide Mitani
Department of Pediatrics, Mie University Graduate School of Medicine, Mie, Japan
- PE3-027** Pregnant and delivery using sildenafil and nitric oxide in a patient with pulmonary hypertension
Yoshiyuki Kudo
Department of pediatrics and child health, Kurume university, Kurume, Japan
- PE3-028** Bosentan induces clinical and hemodynamic improvement in candidates for right heart bypass surgery
Keijiro Ibuki
The Department of Pediatrics, University of Toyama, Toyama, Japan

PE3-029 Attenuation of pulmonary hypertension secondary to left ventricular dysfunction by the Rho-kinase inhibitor fasudil
Zen-Kong Dai
The department of Pediatrics, Kaohsiung Medical University, Taiwan

PE3-030 Chance Diagnosis of Idiopathic Pulmonary Arterial Hypertension through a School Electrocardiographic Screening
Shunsuke Shimada
Pediatrics, Akita University Hospital, Japan

Arrhythmias

Moderator: Mari Iwamoto (Japan)

PE3-031 Assessment of QT dynamics by automated QT measurement using a novel multifunctional electrocardiograph (RA-DARCIRC)
Kazuhiro Takahashi
Okinawa Children's Medical Center, Japan

PE3-032 Staged pacing in neonate due to congenital complete heart block
Hwa Jin Cho
Department of Pediatrics, Chonnam National University Medical School, Chonnam National University Hospital, Gwangju, Korea

PE3-033 A Case of Surgical Treatment of Premature Ventricular Contractions from Aortic Regurgitation
Hyung Woo Kim
Department of Pediatrics, Seoul National University Children's Hospital, Seoul, Korea

PE3-034 Clinical implication of Amiodarone in children with dilated cardiomyopathy and Wolff-Parkinson-White syndrome
Doosoo Kim
Department of Pediatrics, Cardiac and Vascular Center, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

PE3-035 Permanent pacing after pediatric heart transplantation (Tx) is not always due to rejection
James Y Coe
University of Alberta, Canada

Kawasaki disease

Moderator: Hiromichi Hamada (Japan)

PE3-036 Total Management for Coronary Arterial Lesions in Patients After Kawasaki Disease in 1-day Outpatient Clinic
Hiroshi Kanamaru
Department of Pediatrics and Child Health, Nihon University School of Medicine, Japan

PE3-037 Kawasaki Disease with Severe Clinical Manifestations
Cindy P P Hia
Department of Paediatrics, University Children's Medical Institute, National University Hospital, Singapore

PE3-038 Kawasaki Disease mimicking retropharyngeal abscess in a 9-month old infant
Carline Koh
Department of Paediatrics and Adolescent Medicine, Princess Margaret Hospital, Hong Kong

PE3-039 Infiximab as a primary therapy for acute Kawasaki disease
Najib Advani
Department of Pediatrics, University of Indonesia, Jakarta, Indonesia

PE3-040 Hyponatremia and Syndrome of Inappropriate Antidiuretic Hormone Secretion in Kawasaki Disease
Han Gyu Kim
Department of Pediatrics, Ewha Womans University, Seoul, Korea

Neonate/cardiac function

Moderator: Hiroki Kajino (Japan)

PE3-041 Left atrial systolic force in neonatal heart
Kurara Kurishima
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan

PE3-042 The Level of the Serum CA, ALD with Myocardial Remodeling in Children Congenital Heart Disease
Shuhua Xing
The Department of Pediatric Cardiology, Tianjin Children's Hospital, Tianjin, China

PE3-043 Efficacy of pulse pressure in preterm infants with patent ductus arteriosus
Ui Joung Han
Department of Pediatrics, Chonnam National University Medical School, Chonnam National University Hospital, Gwangju, Korea

PE3-044 How Long Can We Wait Whether the Huge Mass in Left Atrium Would be Gone?
Lucy Y. Eun
Pediatric Cardiology, Myongji Hospital Cardiovascular Center, Kwandong University Health System, Goyang, Korea

PE3-045 Changing trends in diagnosis of neonatal congenital heart disease
Jia-Kan Chang
Cheng-Hsin General Hospital, Taipei, Taiwan

Catheter intervention 3

Moderator: Jae Young Choi (Korea)

PE3-047 Device Closure of the Pseudoaneurysm of Ascending Aorta
Biswajit Bandyopadhyay
Department of Pediatric Cardiology, Rabindranath Tagore International Institute of Cardiac Sciences, Kolkata, India

PE3-048 Hybrid Approach to Periventricular Closure of Muscular Ventricular Septal Defects: Experience in Eastern India
Biswajit Bandyopadhyay
Department of Pediatrics Cardiology, Rabindranath Tagore International Institute of Cardiac Sciences, Kolkata, India

PE3-049 Important clinical implications of diverse cardiovascular responses after catheter intervention for coarctation of aorta
Hideaki Senzaki
Department of Pediatric Cardiology, Saitama Medical University, Japan

PE3-050 Balloon pulmonary valvotomy as interim palliation for symptomatic cyanotic patients beyond infancy
Edwin Francis
Department of Pediatric Cardiology, Amrita Institute of Medical Sciences, Kochi, India