

July 8 (Thu)

A

8 : 30~10 : 00 Perinatal medicine -Current status and future prospect

Moderator: Tomoaki Ikeda (Japan)

Zhiwei Xu (China)

- SY06-1** State of Art: Current development of fetal diagnosis of CHD
Jörg-Ingolf Stein
Austria
- SY06-2** Diagnosis and management of congenital long QT syndrome in the fetus: Bradycardia is an important clue to the diagnosis
Yoshiaki Kato
Department of Child Health, Graduate School of Comprehensive Human Sciences, University of Tsukuba, Tsukuba, Japan
- SY06-3** "Big-eye frog" view by 4D fetal echocardiography: novel applications
Jin-Chung Shih
Department of Obstetrics and Gynecology, National Taiwan University Hospital and National Taiwan University College of Medicine, Taipei, Taiwan
- SY06-4** Selection of the perinatal management according to the severity of the cardiac disease diagnosed in utero
Yasuki Maeno
Department of Pediatrics and Child Health, Kurume University School of Medicine, Kurume, Japan
- SY06-5** Developmental alteration in % change in fetal aortic diameter has the potential to serve as reference for aortic compliance
Mio Taketatsu
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan

10 : 30~12 : 00 Aortopathy

Moderator: Tomoaki Murakami (Japan)

Tan Ju Le (Singapore)

Yoshiharu Takahara (Japan)

- SY07-1** State of Art: Mechanisms of aortic dilation and arterial-ventricular interaction after repair of Tetralogy of Fallot
Hideaki Senzaki
Saitama Medical University, Japan
- SY07-2** Aortic diameter in adult cyanotic CHD patients
Shinichiro Yoshimura
The pediatric cardiology department, Tenri hospital, Nara, Japan
- SY07-3** A Comparison of Aortic Size and Histological Findings in Cases with Bicuspid Aortic Valves Compared to Tricuspid or Unicuspid Ones
Louise Calder
Green Lane Paediatric and Congenital Cardiac Service, Auckland, New Zealand

SY07-4 Histology of aorta in patients with TOF

Tan Ju Le

Singapore

SY07-5 Effects of Angiotensin II Blockade on Aortic Root Dilation in Patients with Marfan Syndrome

Hsin-Hui Chiu

Department of Pediatrics, and Adult Congenital Heart Center, National Taiwan University Hospital, Taipei, Taiwan

12 : 20~13 : 10 Luncheon Seminar 8

Moderator: Toshio Nakanishi

LS08 PAH associated with congenital heart disease

Michael A. Gatzoulis

Royal Brompton Hospital, London, United Kingdom

sponsored by Actelion Pharmaceuticals Japan Ltd

13 : 30~15 : 30 Pregnancy

Moderator: Jörg-Ingolf Stein (Austria)

Seema Mital (Canada)

Tomoaki Ikeda (Japan)

Commentator: Carole A Warnes (United States)

Michael A Gatzoulis (United Kingdom)

JEU02-1 Case presentation 1: VSD, AR s/p aortic valve replacement complicated with aortic stenosis and dilated aortic root at pregnancy evaluation

Chun-Wei Lu

Taiwan

JEU02-2 State of Art : Pre-Pregnancy Evaluation and Peri-partum Management of Women with CHD

Pamela D Miner

United States

JEU02-3 Case presentation2: 40 year-old gravida with Eisenmenger syndrome and large ventricular septal defect (VSD)

Chizuko Kamiya

Japan

JEU02-4 Case presentation3: TGA post Mustard with RV dysfunction

Tim Hornung

New Zealand

B**8 : 30~10 : 00 Current situation and future development of pediatric cardiology in Asia-Pacific**

Moderator: In-Sook Park (Korea)
Makoto Nakazawa (Japan)
Shou Bao Ning (China)
Hung-Chi Lue (Taiwan)

- PD12-1** Keynote: The Society and future development of pediatric cardiology in Asia-Pacific
In-Sook Park
Korea
- PD12-2** Pediatric Cardiac Services in Indonesia: The Current Situation and Future Perspectives
Sukman T. Putra
Dept. of Pediatrics University of Indonesia, Integrated Cardiovascular Center, Dr Cipto Mangunkusumo Hospital, Indonesia
- PD12-3** Current situation of Heart Disease in Cambodia
Hav Ratneary
Cambodia
- PD12-4** Current situation in Japan
Toshio Nakanishi
Japan
- PD12-5** Comments from founder of the Society
Anthony Chang
United States

10 : 30~12 : 00 Education in Pediatric cardiology in Asia Pacific

Moderator: Chang Il Noh (Korea)
Junbao Du (China)
Shunichi Ogawa (Japan)

- PD13-1** Keynote: Education of Fellow in US
Craig Sable
United States
- PD13-2** Training systems for the board certified Pediatric Cardiologist in Japan
Hideshi Tomita
Cardiovascular Center, Showa University Northern Yokohama Hospital, Japan
- PD13-3** Education in pediatric Cardiology in Singapore
Swee Chye Quek
Singapore
- PD13-4** Pediatric Cardiology Fellowship in a Genomics Era
Mei-Hwan Wu
Department of Pediatrics, National Taiwan University Hospital, Taipei, Taiwan

12 : 20~13 : 10 Luncheon Seminar 9

Moderator: Makoto Nakazawa (Southern Tohoku General Hospital, Japan)

LS09 The Hybrid Palliation for Single Ventricle Patients – How a Concept Resulted in Programmatic Change

Timothy F. Feltes

The Ohio State University, United States

sponsored by ABBOTT JAPAN Co

13 : 30~15 : 30 Support and collaborative project for developing countries in Asia-Pacific

Moderator: Boonchob Pongpanich (Thailand)

Masami Nagashima (Japan)

William Yip (Singapore)

PD14-1 'Heart to Heart' Project in Vietnam

Heung Jae Lee

Sungkyunkwan University School of Medicine, Samsung Medical Center, Korea

PD14-2 Development of Open Heart Surgery for Children with Congenital Heart Diseases in National Hospital of Pediatrics, Hanoi-Vietnam

Thanh Cong Nguyen

National Hospital of Pediatrics, Hanoi, Vietnam

PD14-3 Current Medical Care for Children with Congenital Heart Disease in Mongolia

Narantsatsral Erdenebileg

Maternal and Child Health Research Center, Mongolia

PD14-4 Collaboration between Guanzhou and Chiba

Jian Zhuang

China

PD14-5 How to organize Support project in Asia Pacific

Michael Lanzberg

United States

C

8 : 30~10 : 00 Psychology and Social Problems 心理社会的問題

Moderator: Jun Nakazawa (Japan)

Ju Ryoung Moon (Korea)

PD15-1 State of Art: Importance of Psychological Issues in Adolescents and Adults with CHD

Adrienne H Kovacs

Toronto Congenital Cardiac Centre for Adults, Peter Munk Cardiac Centre, University Health Network, University of Toronto, Canada

PD15-2 Keynote: Role of the Nurse in managing psychosocial issues in ACHD patients

Pamela D Miner

United States

PD15-3 Role of Psychiatrist in management of depressive state in ACHD

太田 真弓

医療法人社団学風会さいとうクリニック

PD15-4 Role of Psychologist in management of psychological issues in ACHD

榎本 淳子

東洋大学文学部, 千葉県循環器病センター

PD15-5 Keynote: Education of psychosocial issues in adolescents with CHD

Koji Tanigawa

Japan

12 : 20~13 : 10 Luncheon Seminar 10

Moderator: Yoshikatsu Eto (Tokyo Jikei University School of Medicine, Japan)

LS10 Extension of Phenotype of Molybdenum Cofactor Deficiency: Implications for the Differential Diagnosis of Infantile-Onset Pompe Disease

Suyash Prasad

Genzyme Corporation, Cambridge, Mass, USA; Dept Pediatric Intensive Care, Cromwell Hospital, London, United Kingdom

sponsored by Genzyme Japan K.K

D

8 : 30~10 : 00 Catheter Ablation

Moderator: Eun Jung Bae (Korea)
Yoshihide Nakamura (Japan)

PD16-1 State of Art: Current management of arrhythmias using catheter ablation in repaired CHD

Edward P Walsh

United States

PD16-2 Radiofrequency ablation of pediatric tachycardia: why, when and how

Mei-Hwan Wu

Department of Pediatrics, National Taiwan University Hospital, Taipei, Taiwan

PD16-3 Ablation of SVT in ACHD

Yoshihito Hata

Japan

PD16-4 Ablation of VT in TOF

Apichai Khongphatthanayothin

Thailand

10 : 30~12 : 00 Device management (Pacemaker, ICD)

Moderator: Aya Miyazaki (Japan)
June Huh (Korea)

- PD17-1** State of Art : Pacemaker and ICD: how to use these modern devices
Edward P Walsh
United States
- PD17-2** Pacemaker implantation: when, how
Tsugutoshi Suzuki
Japan
- PD17-3** ICD in ACHD
Kazuhiro Takahashi
Pediatric Cardiology, Okinawa Children's Medical Center, Japan
- PD17-4** Dyssynchrony and Resynchronization in Childhood Cardiomyopathy
Chun-An Chen
Department of Pediatrics, National Taiwan University Hospital, Taipei, Taiwan

12 : 20~13 : 10 Luncheon Seminar 11

Moderator: 佐地 勉(東邦大学)

- LS11** 川崎病の急性期治療
岩佐 充二
名古屋第二赤十字病院

共催：日本赤十字社

E

8 : 30~10 : 00 多施設共同研究 Multicenter-study

Moderator: 小川 俊一(日本医科大学附属病院小児科)
小山耕太郎(岩手医科大学)

- EL03-1** State of art: How to organize multi-center study
Michael Lanzberg
United States
- EL03-2** 日本における小児期発症心疾患実態調査の創設
梶野 浩樹
旭川医科大学小児科
- EL03-3** 胎児心臓超音波検査の多施設間登録制度について
瀧間 浄宏
日本胎児心臓病研究会

- EL03-4** Outcome of Catheter Interventions for Pulmonary Atresia with intact ventricular septum; Japanese Multi-center JPIC study
Satoshi Yasukochi
Nagano Children's Hospital The 21th JPIC working group, Japan
- EL03-5** 川崎病遺伝コンソーシアムの設立にむけて
阿部 淳
国立成育医療センター研究所免疫アレルギー研究部免疫療法研究室
- EL03-6** 重症川崎病患者に対する免疫グロブリン・プレドニゾン初期併用療法の有用性を検討する RAISE Study
小林 徹
群馬大学大学院小児科学分野
- EL03-7** 胎児頻脈性不整脈の経胎盤的抗不整脈薬投与に関する臨床試験
上田 恵子
国立循環器病センター周産期治療部

10 : 30~12 : 00 Infective endocarditis 感染性心内膜炎

Moderator: Masaru Terai (Japan)
Taku Fujiwara (Japan)

- PD18-1** Keynote: Current management and prophylaxis of IE in CHD
Andre Bozio
France
- PD18-2** Infection Specialist view: Causative organisms of infective endocarditis in pediatric patients and adults with congenital heart disease in Japan
Naruhiko Ishiwada
Japan
- PD18-3** Dentist view: importance of oral care
Taku Fujiwara
Japan
- PD18-4** Risk factors of mortality in IE
Masao Yoshinaga
Japan
- PD18-5** Management of IE
Masood Sadiq
Pakistan

12 : 20~13 : 10 Luncheon Seminar 12

Moderator: 原田 順和(長野県立こども病院)

- LS12 中心静脈血酸素飽和度 (ScvO₂) モニタリングの意義と可能性
多賀 直行
自治医科大学とちぎ子ども医療センター小児手術・集中治療部

共催 : エドワーズライフサイエンス株式会社

13 : 30~15 : 00 肺高血圧 Pulmonary hypertension

Moderator: 山田 修(国立循環器病センター)
藤原 優子(東京慈恵医科大学)

- OJ11-1 The pharmacokinetics of bosentan in routinely treated Japanese pediatric patients with pulmonary arterial hypertension
Masato Taguchi
Graduate School of Medicine and Pharmaceutical Sciences, University of Toyama
- OJ11-2 Vascular and Ventricular actions of PDE5 inhibitor: potentially important clinical implications in the use for the treatment of pulmonary hypertension
Kazuki Kohno
Department of Pediatric Cardiology, Saitama Medical University, Saitama, Japan
- OJ11-3 Sildenafil Citrate Therapy for Pulmonary high vascular resistance in acute postoperative period
Tatsuya Oda
National Cardiovascular Center Cardiovascular Surgery
- OJ11-4 当科で経験した小児特発性肺動脈性肺高血圧症の臨床的検討
鈴木 浩
山形大学医学部小児科
- OJ11-5 肺動脈内皮細胞に対する Estrogen の効果は酸素濃度に応じて正から負に逆転する
市森 裕章
大阪大学大学院医学系研究科小児科学
- OJ11-6 先天性心疾患術後の肺高血圧残存症例に対するボセンタン投与の効果と安全性
池田 義
京都大学医学部附属病院
- OJ11-7 肺動脈性肺高血圧症に対する treprostinil の短期使用成績
中山 智孝
東邦大学医療センター大森病院小児科
- OJ11-8 若年発症の肺動脈性肺高血圧症における予後の改善
嶋田 博光
東邦大学医療センター大森病院小児科

- OJ11-9** 100%酸素負荷試験による肺体血管抵抗比は特発性肺動脈高血圧症 (iPAH) の予後と相関する
松裏 裕行
東邦大学医療センター大森病院小児科

F

8 : 00~8 : 30 Morning Seminar

Moderator: Hiroyuki Yamagishi (Japan)

Induced Pluripotent Stem Cells to Model Pediatric Disease

James Ellis

Developmental and Stem Cell Biology, Hospital for Sick Children; Ontario Human Induced Pluripotent Stem Cell Facility; and Dept of Molecular Genetics, University of Toronto. Toronto, ON, Canada

8 : 30~10 : 00 Regenerative Medicine, Tissue Engineering

Moderator: Yong Hao Gui (China)

Isao Shiraishi (Japan)

- SY08-1** State of Art: Tissue engineering: Current situation and future possibilities
Shigetoyo Kogaki
Japan
- SY08-2** Myocardial regeneration therapy in the current era: Application possibility for heart failure in congenital heart disease
Takaya Hoashi
Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Japan
- SY08-3** Cellular and Molecular Mechanisms of Heart Failure in Children and Future Perspectives of Regeneration Therapy
Isao Shiraishi
Department of Pediatric Cardiology, National Cardiovascular Center, Japan
- SY08-4** SDF-1/CXCR4 regulation and angiogenesis by bone-marrow progenitor-cells in ischemic heart
Hiromichi Hamada
Department of Pediatrics, Tokyo Women's Medical University Yachiyo Medical Center, Japan
- SY08-5** Directed Cardiomyocyte Differentiation from Skeletal Muscle Derived Stem Cells: The Role of Physical Factors
Kimimasa Tobita
United States

13 : 30~15 : 00 右心バイパス手術(フォンタン手術, グレン手術)RV bypass surgery (Fontan, Glenn)

Moderator: 平松 健司(東京女子医科大学)

須田 憲治(久留米大学医学部)

- OJ13-1** Comparison of Intraatrial and Extracardiac Conduit Fontan Operation: Early and Midterm Results
Yoshihiro Oshima
Department of Cardiovascular Surgery, Kobe Children's Hospital, Kobe, Japan

- OJ13-2** Results after Fontan conversion with arrhythmia surgery and pacemaker therapy
Takeshi Hiramatsu
The Department of Cardiovascular Surgery, Tokyo Women's Medical University, Tokyo, Japan
- OJ13-3** Brain natriuretic peptide 値からみた両方向性 Glenn 手術後に存在する心筋負荷因子
浜道 裕二
大阪府立母子保健総合医療センター小児循環器科
- OJ13-4** 左心低形成症候群の右室機能低下に向けた治療戦略
中村 昭宏
福岡市立こども病院 循環器科
- OJ13-5** 両方向性 Glenn 術後の肺動静脈瘻発症例に対する Fontan 手術
盤井 成光
大阪府立母子保健総合医療センター心臓血管外科
- OJ13-6** Sinusoidal communication を伴う PA, IVS に対する TCPC 手術時の体外循環の工夫
大橋 伸朗
長野県立こども病院
- OJ13-7** Fontan candidates に対する Intrapulmonary-artery septation 手術
西岡 雅彦
沖縄県立南部医療センターこども医療センター小児心臓血管外科
- OJ13-8** 治療戦略としての片肺 Fontan 術の中期予後
満下 紀恵
静岡県立こども病院循環器科
- OJ13-9** Glenn, Fontan 循環における扁桃摘出の効果
木戸 高志
大阪府立母子保健総合医療センター心臓血管外科