

Program

DAY 1 (January 17)

Hall A

8 : 55 **Opening Remarks**

Chairman : Morio Shoda (Dept. of Cardiology, Tokyo Women's Medical University)

9 : 00 ~ 9 : 45 **Biosensors Session**
『The role of the autonomic nervous system in arrhythmia』

Chair: Toshio Nakanishi (Dept. of Pediatric Cardiology, Tokyo Women's Medical University)
Cosponsor : Biosensors Japan Co., Ltd.

SS1-1 **The role of the autonomic nervous system in arrhythmia**

Sabine Ernst
Royal Brompton & Harefield, UK

9 : 45 ~ 10 : 30 **Special Lecture1**
『50 years with cardiac surgeons』

Chair : Morio Shoda (Dept. of Cardiology, Tokyo Women's Medical University)

Jane Somerville
Imperial College London, UK

10 : 30 ~ 12 : 15 **Symposium1**
『Current Status of ACHD Management in Asian-Pacific Region』

Chair : Jane Somerville (Imperial College London, UK)
Snehal Kulkarni (Kokilaben Dhirubhai Ambani Hospital, India)

S1-1 **History of establishing GUCH in Asia-Pacific Region**

Heung Jae Lee, MD, PhD
Boram Hospital, Ulsan, Korea

S1-2 **Current state of Adult Congenital heart Disease__ Prevalence and prognosis**

Xiaoqing LIU
Guangdong Cardiovascular Institute, Guangdong General Hospital. P.R.China

S1-3 **Evaluation of Cardiac Function**

Yiu-fai Cheung
Division of Paediatric Cardiology, Department of Paediatrics and Adolescent Medicine, LKS Faculty of Medicine, The University of Hong Kong, Hong Kong.

S1-4 Current Status of ACHD Management in Asian-Pacific Region: Imaging

William C.L. Yip

MBBS, MMed (Paediatrics), MD (Singapore), MRCP(UK), DCH(London), FRCP(Edinburgh), FAM(Singapore)

Adjunct Professor, National University of Singapore,

Visiting Consultant, National University Hospital,

Consultant Paediatric Cardiologist, Gleneagles Hospital, Singapore

S1-5 "Current Status of ACHD Management in Asian- Pacific Region"—Arrhythmias

R Juneja, N Parakh, N Naik, G Sharma, S Ramakrishnan, S Gupta, SS Kothari, A Saxena, KK Talwar

Deptt of Cardiology, AIIMS, New Delh, India

S1-6 Catheter Interventions for Adult Congenital Heart Disease

Jae Young Choi, MD, PhD, FSCAI

Division of Pediatric Cardiology and Center for Congenital Heart Disease, Severance Cardiovascular Hospital, Yonsei

University Health System, Seoul, Korea

**S1-7 Quality of Care for Adults Congenital Heart Surgery Operations: Our EACTS
Congenital Databases Experience**

Jimei Chen, MD PhD

Director of Pediatric Cardiac Surgery

Guangdong Cardiovascular Institute

12 : 15 ~ 13 : 15

SJM Luncheon

『New advances in pacing - leadless pacemaker』

Chair : Yoshihito Hata (Cardiovascular Center, Showa University Northern Yokohama Hospital)

Cosponsor : St. Jude Medical Japan Co., Ltd.

LS1-1 New advances in pacing - leadless pacemaker

Sperzel J.

Department of Cardiology, Kerckhoff Clinic GmbH, Bad Nauheim (Germany)

13 : 30 ~ 14 : 00

General Assembly of JSACHD

14 : 15 ~ 15 : 00

Special Lecture 2

『Conduction system in congenital heart diseases』

Chair : Kenji Yamazaki (Dept. of Pediatric Cardiology Tokyo Women's Medical University)

Conduction system in congenital heartdiseases. Phenotype and acquired characteristics

Hiromi Kurosawa

World Society for Pediatric andCongenital Heart Surgery, Sakakibara Sapia

15 : 00 ~ 16 : 30

Symposium 2

『Cardiac surgery for corrected transposition of the great arteries』

Chair : Shunji Sano (Okayama University Cardiovascular Surgery)

Takeshi Hiramatsu (Dept. of Cardiovascular Surgery, Tokyo Women's Medical University)

S2-1

Long-term quality of life after double switch operation

Eriko Shimada, Kei Inai, Tokuko Shinohara, Keiko Toyohara, Tetsuko Ishii, Isao Sugiyama,

Hirofumi Tomimatsu, Toshio Nakanishi

Tokyo Women's Medical University

S2-2

Comparison of exercise cardiopulmonary function between patients with corrected transposition of the great arteries after anatomical repair and those after functional repair

Hideo Ohuchi ¹⁾, Aya Miyazaki ²⁾, Osamu Yamada ²⁾, Koji Kagisaki ³⁾, Hajime Ichikawa ³⁾

¹⁾ National Cerebral and Cardiovascular Center Dep. of ACHD,

²⁾ National Cerebral and Cardiovascular Center Deps. of Pediatric Cardiology,

³⁾ National Cerebral and Cardiovascular Center Deps. of Thoracic Surgery

S2-3

The indication of Double switch operation in corrected transposition of the great arteries

Shingo Kasahara, Yasuhiro Fujii, Takuya Kawabata, Yousuke Kuroko, Yasuhiro Kotani, Zenichi Masuda,

Ko Yoshizumi, Sadahiko Arai, Shunji Sano

Dept. of Cardiovascular Surgery,

Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences

S2-4

The effect of Hemi-Mustard in Doudleswitch operation

Toshihide Nakano, Hideaki Kado, Kazuhiro Hinokiyama, Shinichiro Oda, Satoshi Fujita, Shuichi Shiraishi,

JIn Ikarashi

Department of Cardiovascular Surgery,Fukuoka Children's Hospital

14 : 30 ~ 18 : 00

Symposium 3
『Marfan syndrome』

Chair : Fukiko Ichida (Dept. of Pediatrics, Faculty of Medicine, University of Toyama)
Jae Kon Ko (University of Ulsan College of Medicine, Seoul, Korea)

S3-1

State of the Art

Mei-Hwan Wu, MD. Ph.D.

Department of Cardiology, National Taiwan University Children's Hospital, Taipei, Taiwan

S3-2

Fibrillin mutation and clinical phenotypes.

Daishi Fujita ¹⁾, Norifumi Takeda ¹⁾, Masayoshi Kato ¹⁾, Hiroshi Nishimura ¹⁾, Ryo Inuzuka ²⁾, Yasushi Imai ³⁾,
Yasunobu Hirata ⁴⁾, Issei Komuro ¹⁾

¹⁾ Department of cardiovascular medicine, The University of Tokyo Hospital,

²⁾ Department of Pediatrics, The University of Tokyo Hospital,

³⁾ Division of Cardiovascular Medicine, Jichi Medical University, ⁴⁾ Tokyo Teishin Hospital

S3-3

Risk Factors for Maternal and Fetal Outcome in Pregnancy Complicated with Marfan syndrome

Shinji Katsuragi

Sakakibara Heart Institute Department of Obstetrics and Gynecology

S3-4

Surgical treatment of Marfan syndrome- recent strategy-

Shigeyuki Aomi

Tokyo Women's Medical University Department of Cardiovascular surgery

9 : 00 ~ 10 : 30

Panel Discussion

『Indication and procedure of TCPC conversion』

Chair : Hajime Ichikawa (National Cerebral and Cardiovascular Center)
Mitsugi Nagashima (Tokyo Women's Medical University)

PD-1 Surgical result of TCPC conversion for failed Fontan

Mitsugi Nagashima, Takeshi Hiramatsu, Takahiko Sakamoto, Gohki Matsumura, Kouta Agematsu, Minoru Tateishi, Masahiro Ohkura, Katsutoshi Shimada, Minako Hayakawa, Shintarou Sawa, Kenji Yamazaki
Department of Cardiovascular Surgery, Tokyo Women's Medical University

PD-2 The beneficial effect of TCPC conversion on long term hemodynamics

Akihiko Higashida ¹⁾, Takaya Hoashi ¹⁾, Koji Kagisaki ¹⁾, Takashi Kido ¹⁾, Kazuki Morimoto ¹⁾, Hideo Ohuchi ²⁾, Isao Shiraishi ²⁾, Hajime Ichikawa ¹⁾
National Cerebral and Cardiovascular Center
¹⁾ Pediatric Cardiovascular Surgery, ²⁾ Pediatric Cardiology

PD-3 Results of conversion operation from former Fontan circulation to total cavo-pulmonary connection

Makoto Ando, M.D., Yukihiro Takahashi, M.D.
Department of Pediatric Cardiac Surgery, Sakakibara Heart Institute

PD-4 Toward improved surgical result of Fontan conversion

Shunji Sano, Sadahiko Arai, Yosuke Ueno, Naohiro Horio, Takuya Goto, Junko Kobayashi, Suguru Tarui, Yasuhiro Fujii, Yosuke Kuroko, Takuya Kawabata, Yasuhiro Kotani, Ko Yoshizumi, Shingo Kasahara
Department of Cardiovascular Surgery
Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Science.

10 : 30 ~ 11 : 30

Plenary Session 1

『Heart transplantation for ACHD patients』

Chair : Yoshiki Sawa (Dept. of Cardiovascular Surgery, Osaka University)
Patrizia Presbitero (Istituto Clinico Humanitas, Italy)

PS1-1 Heart transplantation and ventricular assist device for adult congenital heart disease

Minoru Ono
Department of Cardiac Surgery, the University of Tokyo Hospital

PS1-2 Heart Transplantation in ACHD

Jonathan Michael Chen, M.D.
University of Washington School of Medicine, Seattle Children's Hospital Seattle, WA

12 : 00 ~ 13 : 00 **Boston Scientific Luncheon**
『Subcutaneous ICD』

Chair : Yoshihide Nakamura (Kinki University)
Cosponsor : Boston Scientific Japan K.K.

LS4-1 **The Subcutaneous ICD in Adult Congenital Heart Disease**

Reinoud E. Knops, MD
Department of Cardiology, Academic Medical Center, Amsterdam, The Netherlands

14 : 30 ~ 15 : 30 **Oral Session5**
『English session』

Chair : Ryo Inuzuka (Dept. of Pediatrics, University of Tokyo)
Yasushi Imai (Dept. of Cardiovascular medicine, Jichi Medical University)

05-1 **Experiences of combined treatments of selective pulmonary vasodilators after the trans-catheter closure in atrial septal defect with pulmonary arterial hypertension**

Lucy Youngmin Eun¹⁾, Kee Soo Ha²⁾, Jo Won Jung¹⁾, Jae Young Choi¹⁾

¹⁾ Division of Pediatric Cardiology, Yonsei University Severance Cardiovascular Hospital, Yonsei University Health System, Seoul, Korea

²⁾ Department of Pediatrics, Korea University Anam Hospital, Seoul, Korea

05-2 **Arrhythmias after lateral tunnel and extracardiac Fontan operation**

Hong-Gook Lim, Jeong Ryul Lee, Yong Jin Kim
Seoul National University Hospital, Korea

05-3 **Reduction of defect diameters after the catheter ablation for atrial fibrillation in patients with atrial septal defect**

Koji Nakagawa¹⁾, Teiji Akagi²⁾, Satoshi Nagase¹⁾, Yoichi Takaya¹⁾, Nobuhiro Nishii¹⁾, Kazufumi Nakamura¹⁾, Hiroshi Morita¹⁾, Hiroshi Ito¹⁾

¹⁾ Department of Cardiology, Okayama Univ. Hospital, ²⁾ Cardiac Intensive Care Unit, Okayama University Hospital

05-4 **Project of prospective cohort research for aortic root dilatation and non-elasticity after surgical repair in adults with Tetralogy of Fallot (TRANSIT)**

Masaru Miura¹⁾, Tomoko Ishidu²⁾, Ryo Inuzuka³⁾, Atsushi Yao⁴⁾, Hiroshi Ono⁵⁾, Morio Syoda⁶⁾, Shigeru Tateno⁷⁾, Hiroyuki Tanaka⁸⁾, Yuichi Tamura⁹⁾, Hiroyuki Yamagishi¹⁰⁾, Naoya Fukushima¹⁾, Atsushi Mizuno¹¹⁾, Koichiro Niwa¹¹⁾

¹⁾ Tokyo Metropolitan Children's Medical Center, Department of Cardiology, ²⁾ Tsukuba University, Clinical Medical Examination, ³⁾ Tokyo University, Department of Pediatrics, ⁴⁾ Department of Cardiology, ⁵⁾ National Development Medical Research Center, ⁶⁾ Tokyo Metropolitan Women's University, Department of Cardiology,

⁷⁾ Chiba Prefectural Cardiology Center, Department of Pediatrics, ⁸⁾ Tokyo Metropolitan Tama Medical Center, Department of Cardiology, ⁹⁾ Keio University, Department of Cardiology, ¹⁰⁾ Department of Pediatrics,

¹¹⁾ St Luke's International Hospital, Department of Cardiology

05-5 **Catheter Interventions for adult congenital heart disease by pediatric cardiologists**

Koichi Kataoka¹⁾, Masaaki Kawada²⁾, Yoshinori Miyahara²⁾, Yoshiyuki Maekawa²⁾, Tomoyuki Sato³⁾, Akiko Yokomizo³⁾, Kensuke Oka³⁾, Sadahiro Furui³⁾, Takaomi Minami³⁾, Yasushi Imai⁴⁾, Yoji Otsuka¹⁾, Tatsuya Nagano¹⁾, Naoyuki Taga¹⁾, Mamoru Takeuchi¹⁾

¹⁾ Jichi Children's Medical Center Tochigi, Pediatric Operating Suite and Intensive Care Unit,

²⁾ Jichi Children's Medical Center Tochigi, Department of Pediatric and Congenital Cardiovascular Surgery,

³⁾ Jichi Children's Medical Center Tochigi, Department of Pediatrics,

⁴⁾ Jichi Adult Congenital Heart Center

O5-6 Intracardiac echocardiography as the guide of transcatheter occlusion of patent ductus arteriosus in adult patients

Kenji Suda
Kurume University School of Medicine

15 : 30 ~ 16 : 30 Meet the Expert

Chair : Yorikazu Harada (Nagano Children's Hospital)
Masaru Miura (Tokyo Metropolitan Children's Medical Center)

ME-1 Interventional cardiology in congenital heart disease

Patrizia Presbitero
Istituto Clinico Humanitas, Italy

ME-2 Catheter ablation and cardiac pacing for adult congenital heart disease

Morio Shoda, MD, PhD
Department of Cardiology
Tokyo Women's Medical University

ME-3 Important to realize what had been achieved in the preceding procedures in adults with congenital heart disease

Hideki Uemura
Royal Brompton Hospital, Heart Division, Nara Medical University, Congenital Heart Disease Center

16 : 30 ~ Closing Remarks