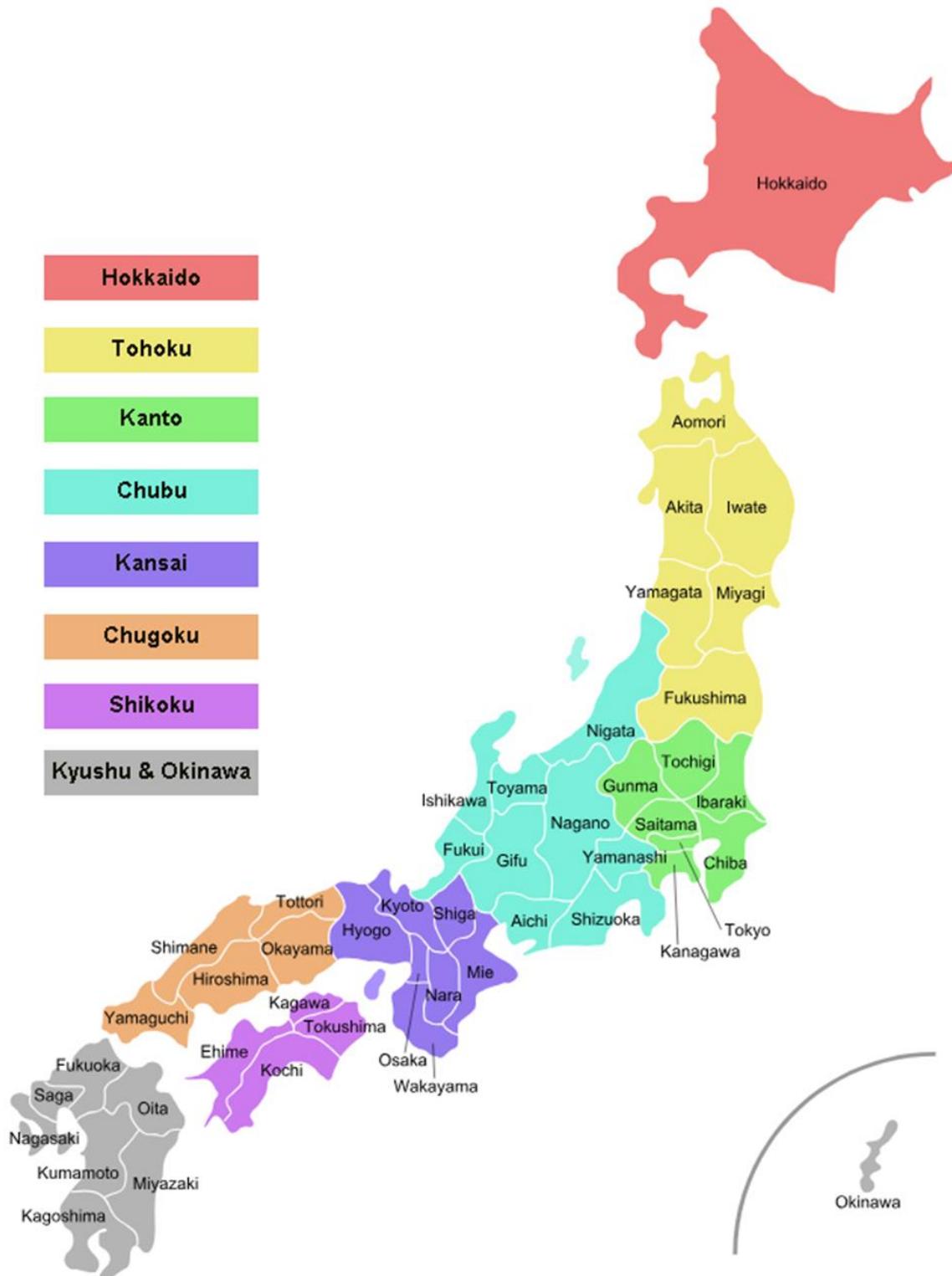


# The 36th Annual Meeting of Japanese Society of Congenital Interventional Cardiology (JCIC)

## PROGRAM





# Day 1

# Thursday, January 22nd

	Venue A 1 <sup>st</sup> and 2 <sup>nd</sup> floor	Venue A 4 <sup>th</sup> floor	Venue C 9 <sup>th</sup> floor	Venue D 9 <sup>th</sup> floor	Venue E 9 <sup>th</sup> floor
09:00					
10:00					
11:00					
12:00	12:00-12:05 Opening 12:05-12:55 "The placement shape of the Gore®"		13:00-16:00 Off-the-Job Training Venue: Medtronic Innovation		12:30-13:30 Hands-on
13:00	13:10-14:00 "Invited Overseas Lecture"	13:10-14:10 "Piccolo"			
14:00	14:10-15:15 Live Session "①TPVI"	14:20-15:20 "Balloon"		13:45-14:45 Hands-on "Gore® Cardioform"	
15:00	15:15-16:00 "Technological Integration"		15:30-17:00 JCIC-PMDA Joint Symposium (Town Hall Meeting)	15:30-16:25 "BAS"	15:45-16:45 Hands-on "Basics of Coil Embolization"
16:00	16:00-16:50 Live Session "②TPVI"				
17:00	17:00-18:00 "TOF RVOT stent/PTPV"	17:10-18:15 "ASD from a Young Age"		17:10-18:00 E-poster ① "Complications, Periop/Other"	17:10-18:00 E-poster ② "Coil/ BAS"
18:00					
19:00					
20:00					

## Day 2

## Friday, January 23th

	Venue A 1 <sup>st</sup> and 2 <sup>nd</sup> floor	Venue A 4 <sup>th</sup> floor	Venue C 9 <sup>th</sup> floor	Venue D 9 <sup>th</sup> floor	Venue E 9 <sup>th</sup> floor
09:00					
	9:15-9:55 "WAS"	9:15-10:05 "Amplatzer™"	9:20-9:55 "TPVI"		
10:00					
	10:05-11:25 Koike Prize and JCIC Prize	10:15-11:15 "What should we do about this case?"	10:05-11:05 "Coil"		
11:00					
	11:35-12:20 "Medical Safety"	11:25-12:05 "Complications and Others"			11:20-12:20 Hands-on "Steerable Tip Microcatheters – Coil Embolization"
12:00					
	12:35-13:25 "Avenir and MEGANIR coil debut"	12:25-13:15 "Coil Embolization"			
13:00					
	13:40-14:50 General Meeting and Awards Ceremony				
14:00					
	15:00-18:10 Live Session "ASD closure" "PDA stent" "VSD closure" "PDA closure"  Symposium "PDA stent"	15:00-15:50 "Stents"		14:40-15:40 Hands-on "Future of Echocardiography"	14:40-15:40 Hands-on "Coil Embolization"
15:00					
		16:00-17:30 "PVO"		16:00-17:00 Hands-on "Avenir/Meganir Coil"	16:00-17:00 Hands-on "Coil Embolization"
16:00					
			16:30-17:50 "Neonatal Treatment"		
17:00					
18:00					
19:00		18:30-20:30 Social gathering			
		<b>Social Dinner</b>			
20:00					

## Day 3

## Saturday, January 24th

	Venue A 1 <sup>st</sup> and 2 <sup>nd</sup> floor	Venue A 4 <sup>th</sup> floor	Venue C 9 <sup>th</sup> floor	Venue D 9 <sup>th</sup> floor	Venue E 9 <sup>th</sup> floor
09:00					
10:00	9:15-10:05 "The past, present, and near future of catheter treatment"	9:15-10:15 "Timing of TPVI"		9:15-10:20 E-poster ① "Stent / Balloon" ② "Balloon"	9:15-10:20 E-poster ③ "ASD/PDA"
11:00	10:10-12:10 "TPVI"	10:20-10:55 "Stents ①"	10:20-11:20 "ASD/PDA"		
12:00		11:10-11:50 "3D Trans- esophageal Probe"	11:30-12:05 "Stent ②"		
13:00	12:25-13:15 "Harmony TPV Implantation"	12:05-13:05 "Hydrogel Coils"			13:15-14:00 Hands-on "Amplatzer" "Piccolo Device"
14:00	13:30-14:30 "Special Project"	13:20-14:05 "From Overseas"		13:20-14:20 "U40 Project"	
15:00	14:40-15:50 "Nightmare"	14:10-14:45 "Arrhythmia and Ablation"	14:15-15:00 "VSD"		
16:00	15:50-16:00 Closing				
17:00					
18:00					
19:00					
20:00					

## Thursday, January 22nd

### Venue A (1st and 2nd floor halls)

12:00-12:05 Opening Ceremony

12:05-12:55 Luncheon Seminar 1 "Is this OK? Evaluating the placement shape of the Gore® Cardioform ASD occluder"

Chair: **Kazuto Fujimoto** (National Cerebral and Cardiovascular Center, Osaka)

LS1-1 The learning curve | followed: Here's why fluoroscopic images are valued!  
**Jun Sato**, Nagoya University Hospital, Aichi

LS1-2 Why | choose the GORE® Cardioform ASD occluder Transesophageal echocardiograms evaluate this  
**Naomi Nakagawa**, Hiroshima Municipal Hospital

Co-hosted by Gore Japan, LLC

13:10-14:00 Invited Overseas Lecture: "Perspective on how interventional cardiology may further evolve over the next decade."

Chair: **Hideaki Ueda** (Kanagawa Children's Medical Center, Yokohama)

IL Perspectives on how interventional cardiology may further evolve over next decade  
**Jou-Kou Wang**, National Taiwan University Children's hospital, Taipei, Taiwan

14:10-15:15 Live Session 1 "①TPVI"

Chairs: **Kenji Suda** (Kurume University, Fukuoka)

**Hidehiko Hara** (Ohashi Hospital, Toho University Medical Center)

Commentators: **Tomohite Kogure** (Japan Women's Medical University, Tokyo),  
**Kazuto Fujimoto** (National Cardiovascular Research Center, Osaka),  
**Daisuke Kobayashi** (St. Louis Children's Hospital, Tokyo)

Speaker: **Kim Gi Beom** (Seoul National University Children's Hospital)

15:15-16:00 Sponsored Seminar 1: "Technological Integration of Japanese Devices and Endovascular Treatment"

Chair: **Kiyohiro Takimuki** (Nagano Children's Hospital)

SS1-1 Expectations for domestically produced devices in endovascular treatment  
**Mizuhiko Ishigaki**, Shizuoka Children's Hospital

SS1-2 Collateral Embolization Using iED Infini Coils in Pediatric Cardiology - Focusing on 12  $\diamond$  Silky Soft / 14  $\diamond$  Extra Soft -  
**Takeshi Sasaki**, Children's Medical Center, Osaka General Medical Center

Co-hosted by Kaneka Medics Corporation

16:00-16:50 Live Session 1 "②TPVI"

Chairs: **Kenji Suda** (Kurume University, Fukuoka)

**Hidehiko Hara** (Ohashi Hospital, Toho University Medical Center)

Commentators: **Tomohite Kogure** (Japan Women's Medical University, Tokyo),  
**Kazuto Fujimoto** (National Cardiovascular Research Center, Osaka),  
**Daisuke Kobayashi** (St. Louis Children's Hospital, Tokyo)

Speaker: **Kim Gi Beom** (Seoul National University Children's Hospital)

17:00-18:00 President's Request Topic 1 "TOF RVOT stent/PTPV"

Chairs: **Jun Muneuchi** (JCHO Kyushu Hospital, Kitakyushu, Fukuoka) and  
**Naomi Nakagawa** (Hiroshima City Hospital)

CO1-1 Percutaneous pulmonary valvuloplasty for early tetralogy of Fallot in neonates and infants  
**Jun Muneuchi**, Daisuke Shimizu, Yuichiro Sugitani, Daiji Igarashi, Daisuke Toyomura, Naoko Ogawa, Naoko Tashiro, Mamie Watanabe  
**JCHO Kyushu Hospital**, Kitakyushu, Fukuoka

CO1-2 What can be expected from balloon pulmonary valvuloplasty in neonatal Fallot patients?  
**Naomi Nakagawa**, Yusuke Toyoda, Kengo Okamoto, Masaki Hirose, Koichi Kataoka  
**Hiroshima City Hospital**

CO1-3 Experience of RVOT stent placement in an ELBW infant with DORV/PS  
**Naon Kofu**, Atsuko Kato, Tatsuya Baba, Yuri Suehiro, Hiroki Nagano, Yuka Hayashida, Ryo Ishii, Hidekazu Ishida, Jun Narita, Koji Kitabatake  
**Graduate School of Medicine, Osaka University**

CO1-4 Investigation into the indications for palliative minimally invasive treatment aimed at preserving the annulus in tetralogy of Fallot - A19-Year Single-Center Review  
**Atsuya Shimabukuro**, Masanao Kitano, Kotaro Nagamoto, Kodai Watanabe, Keisuke Yoshino, Makiko Nishioka  
**Okinawa Prefectural Nanbu Medical Center and Children's Medical Center**

CO1-5 Late-stage clinical features of prophylactic percutaneous pulmonary valve balloon repair  
**Daisuke Shimizu**, Jun Muneuchi, Naoko Tashiro, Daiji Igarashi, Naoko Ogawa, Daisuke Toyomura, Yuichiro Sugitani, Mamie Watanabe  
**JCHO Kyushu Hospital, Kitakyushu, Fukuoka**

CO1-6 Expanding the indications for right ventricular outflow tract stenting  
**Hiroki Ohki**, Miki Izawa, Ken Takehira, Taro Kamino, Mayuko Yoshida, Shohei Senoo, Hiroyuki Yamada, Hiroki Nagamine, Jun Maeda and Takayuki Yamagishi  
**Tokyo Metropolitan Children's Medical Center**

#### Venue B (4th floor exhibition hall)

##### 13:10-14:10 Symposium 1 “Piccolo”

Chair: **Kim Narumi** (Shizuoka Children's Hospital)  
**Tadaaki Abe** (Niigata University School of Medicine)

SY1-1 Real-world clinical data and technical overview of Amplatzer™ Piccolo Occluder in Japan: From post-marketing surveillance to application to extremely low birth weight infants  
**Kim Sung-Hae**, Shizuoka Children's Hospital

SY1-2 Prevention and management of complications of catheter treatment for PDA in low birth weight infants - Experience of Piccolo dislodgement -  
**Tadaaki Abe**, Masanori Tsukada, Mai Aida, Yuta Fujii, Hirofumi Mizuryu, Keishi Baba, Shunsuke Nukaga, Fujito Numano, Akihiko Saito  
**Niigata University School of Medicine**

SY1-3 Percutaneous PDA closure in preterm infants weighing less than 1 kg: Differences from those weighing 1 kg or more  
**Yusaku Nagatomo**, Atsushi Tanaka, Daiki Ezaki, Ryohei Matsuoka, Eiko Terashi, Yuichiro Hirata, Kazuaki Yasuoka, Fusuke Inoue, Kenichiro Yamamura  
**Kyushu University Hospital, Fukuoka**

SY1-4 Usefulness of Piccolo in preterm infants weighing less than 2.0 kg with ventricular septal defect and patent ductus arteriosus  
**Tetsuko Ishii**<sup>1</sup>, Kaname Sato<sup>1</sup>, Kentaro Koga<sup>1</sup>, Ayaka Nishihata<sup>1</sup>, Makiko Sakamoto<sup>1</sup>, Koji Azuma<sup>1</sup>, Kentaro Okunishi<sup>2</sup>  
<sup>1</sup> Chiba Children's Hospital, <sup>2</sup> Chiba University Hospital

SY1-5 Amplatzer Piccolo y Technique and short-term results of the treatment of patent ductus arteriosus using the Occluder in preterm infants  
**Natsunobu Kikuchi**, Yuta Kawamura, Taishiro Yamaoka, Mariko Saito, Shun Yanai, Takeshi Shimizu, Hiroaki Kise, Takanari Fujii, Hide Tomita  
**Showa University Hospital, Tokyo**

SY1-6 “The right person for the right job” ~ How to choose a Piccolo occluder ~  
**Yusuke Toyoda**, Naomi Nakagawa, Kengo Okamoto, Masaki Hirose, Koichi Kataoka, Masahiro Kamata  
**Hiroshima Municipal Hospital**

##### 14:20-15:20 General Presentation 1 “Balloon”

Chair: **Toshikatsu Tanaka** (Hyogo Children's Hospital, Kobe)  
**Tomohiro Nawa** (Hokkaido Children's Medical and Rehabilitation Center, Sapporo)

O1-1 Percutaneous Transluminal Angioplasty for Peripheral Pulmonary Artery Stenosis with Calcification: Snear Assist Technique with a Long Sheath and Guiding Catheter  
**Kazuto Fujimoto**, Hiroyuki Endo, Yuki Takikawa, Yuri Murayama, Takako Toda, Kenichi Kurosaki  
**National Cerebral and Cardiovascular Center, Osaka**

O1-2 Multidisciplinary treatment for postoperative pulmonary venous stenosis in isolated total anomalous pulmonary venous connection  
**Yasunobu Miki**, Toshikatsu Tanaka, Haruka Uehara, Nozomi Watanabe, Keita Ito, Hiroki Inase, Ryosuke Nakai, Shingo Kubo, Naoya Kamei, Yoshiharu Ogawa, Sachiko Kido  
**Hyogo Children's Hospital, Kobe**

O1-3 Efficacy of balloon dilation for RVOT ePTFE valved conduit  
**Ryosuke Nakai**, Toshikatsu Tanaka, Shingo Kubo, Yasunobu Miki, Naoya Kamei, Yoshiharu Ogawa, Sachiko Kido  
**Hyogo Prefectural Children's Hospital, Kobe**

O1-4 The effect of balloon dilatation declipping on RV-PA conduit and its associated factors  
**Hiroki Inase**, Toshikatsu Tanaka, Haruka Uehara, Nozomi Watanabe, Keita Ito, Ryosuke Nakai, Shingo Kubo, Yasunobu Miki, Naoya Kamei, Yoshiharu Ogawa, Sachiko Kido  
**Hyogo Prefectural Children's Hospital, Kobe**

O1-5 Treatment of pulmonary artery stenosis after pulmonary angioplasty using the cardiac and vascular repair patch "Symphorium" Cases in which percutaneous balloon dilation was performed early  
**Tomohiro Nawai**<sup>1</sup>, Keisuke Higashitan<sup>1</sup>, Takeo Tejima<sup>1</sup>, Takahiro Maeda<sup>1</sup>, Madoka Sawada<sup>1</sup>, Motoki Takamuro<sup>1</sup>, Hide Tomita<sup>2</sup>  
<sup>1</sup> Hokkaido Children's Medical and Rehabilitation Center, Sapporo, <sup>2</sup> Showa University Hospital, Tokyo

O1-6 Percutaneous pulmonary valvuloplasty for neonatal TOF with annulus-sparing repair  
**Daiki Ezaki**<sup>1</sup>, Yusaku Nagatomo<sup>1</sup>, Atsushi Tanaka<sup>1</sup>, Ryohei Matsuoka<sup>1</sup>, Eiko Terashi<sup>1</sup>, Yuichiro Hirata<sup>1</sup>, Kenichiro Yamamura<sup>1</sup>, Yusuke Ando<sup>2</sup>, Kunihiro Shiroo<sup>2</sup>, Akira Shiose<sup>2</sup>  
**Kyushu University Hospital, Fukuoka** <sup>1</sup> Department of Pediatrics, <sup>2</sup> Department of Cardiovascular Surgery

O1-7 A case of tetralogy of Fallot in which percutaneous transluminal pulmonary angioplasty was effective for postoperative multiple pulmonary artery stenosis  
**Daiji Igarashi**, Jun Muneuchi, Naoko Tashiro, Naoko Ogawa, Daisuke Toyomura, Daisuke Shimizu, Yuichiro Sugitani, Mamie Watanabe  
**JCHO Kyushu Hospital, Kitakyushu, Fukuoka**

**15:30-17:00 JCIC-PMDA Joint Symposium "Town Hall Meeting: Pediatric Catheterization" "We are changing the future of pediatric care: putting an end to the pediatric endovascular device issue."**

Chair: **Kensuke Ishii** (Pharmaceuticals and Medical Devices Agency (PMDA))  
**Takanari Fujii** (Showa University School of Medicine, Tokyo)

JJ-1 The reality of pediatric catheterization: Device issues faced by physicians  
**Takanari Fujii**, Showa University Hospital, Tokyo

JJ-2 How can we open up the "future" of patients? Strategies to bridge the gap with overseas countries  
**Fujimoto Ichi-de**, National Cerebral and Cardiovascular Center, Osaka

JJ-3 The "seriousness" of the Ministry of Health, Labour and Welfare's: Creating the future through the power of systems and policies  
**Airai Takahashi**, Ministry of Health, Labour and Welfare

JJ-4 PMDA's "challenge": Overcoming barriers to pediatric device approval  
**Kensuke Ishii**, Pharmaceuticals and Medical Devices Agency (PMDA)

**17:10-18:15 Chairman's Request Topic 2: "ASD from a Young Age"**

Chair: **Kenji Suda** (Kurume University, Fukuoka)  
**Masataka Kitano** (Okinawa Prefectural Nanbu Medical Center and Children's Medical Center)

CO2-1 Catheterization of ASD in Underweight Patients  
**Kenji Suda**, Ikarie Otsu, Yuki Yamakawa, Mitsuki Kiyomatsu, Yoshiyuki Kagiyama, Yozo Teramachi  
**Kurume University School of Medicine, Fukuoka**

CO2-2 Case report of thrombotic complications on the right atrial disc side in a Gore cardioform ASD occluder  
**Kenji Baba**<sup>1</sup>, Maiko Kondo<sup>1</sup>, Yusuke Shigemitsu<sup>1</sup>, Haruki Fukushima<sup>1</sup>, Yuya Kawamoto<sup>1</sup>, Mayuko Hara<sup>1</sup>, Takuki Mitogawa<sup>1</sup>, Tatsuji Iwasaki<sup>2</sup>, Shingo Kasahara<sup>3</sup>

Okayama University 1 Department of Pediatric Cardiology, 2 Department of Pediatric Anesthesiology, 3 Department of Cardiovascular Surgery

CO2-3 New considerations for GCA placement - from the perspective of SVC stenosis -  
**Yuri Murayama**, Kazuto Fujimoto, Kenichi Kurosaki  
National Cerebral and Cardiovascular Center, Osaka

CO2-4 Gore Cardioform ASD occluder placement using intracardiac ultrasound guidance in pediatric patients  
**Yoshiyuki Kagiya**, Ikarie Otsu, Yuki Yamakawa, Mitsuki Kiyomatsu, Ryuta Takase, Yozo Teramachi, Kenji Suda  
Kurume University, Fukuoka

CO-5 Residual shunt after percutaneous closure of porous atrial septal defect  
**Kensuke Oka**, Mitsuru Seki, Haruka Gomi, Ryosuke Matsui, Sadahiro Furui, Akiko Yokomizo, Tomoyuki Sato, Toshihiro Tajima  
Tochigi Children's Medical Center, Jichi Medical University

C02-6 Transcatheter closure using Ceraflex occluders on multiple secundum ASDs: Philippine Heart Center Experience  
**Jean Antonio Villareal**, Babie Catherine Causapin, Kristine Anne Paguntalan, Pacita Jay Ballelos, Marivic Bala  
Philippine Heart Center

### Venue C (9th floor, 3rd training room)

#### 15:30-16:25 General Presentation 2 "BAS"

Chair: **Takuro Kojima** (Saitama Medical University International Medical Center)  
**Atsuya Shimabukuro** (Okinawa Prefectural Nanbu Medical Center and Children's Medical Center)

O2-1 President's Lecture: The First Experience of BAS in 1968  
**Masashi Takada**, Former Chief of Cardiology, Kanagawa Children's Medical Center, Yokohama

O2-2 Static BAS using the levoatrial cardinal vein in a patient with hypoplastic left heart syndrome associated with foramen ovale stenosis an example  
**Hayataro Yamazaki**<sup>1</sup>, Yoichiro Ishii<sup>1</sup>, Yuto Fukuda<sup>1</sup>, Miori Umihara<sup>1</sup>, Haruka Nishino<sup>1</sup>, Shu Kato<sup>1</sup>, Ken Hayashi<sup>1</sup>, Masaaki Mori<sup>1</sup>, Kumiyo Matsuo<sup>1</sup>, Dai Asada<sup>1</sup>, Tomoyuki Kanaya<sup>2</sup>, Sanae Tsumura<sup>2</sup>, Toshiaki Aoki<sup>1</sup>,  
Osaka Maternal and Child Medical Center 1 Department of Cardiology, 2 Cardiovascular Surgery

O2-3 Echo-guided bedside balloon atrial septostomy using the 2-5 catheter - Comparison of indications and efficacy with fluoroscopic guidance -  
**Yuriko Shiraishi** 1, Narumi Kan 1, Mizuhiko Ishigaki 1, Mitsumasa Okubo 1, Hideki Doi 1, Naohiko Maejima 1, Chihiro Anshin-in 2, Hiroshi Numata 1, Aiko Kawada 1, Akane Shibuya 1, Kazuya Sanada 1, Keisuke Sato 1, Jun Yoshimoto 1, Norie Mitsuhashita 1, Masaki Arai 1, Yasuhiko Tanaka  
Shizuoka Children's Hospital 1 Department of Cardiology, 2 Department of Cardiac Arrhythmia

O2-4 Comparison of balloon atrial septostomy and wire atrial septostomy in percutaneous atrial septal defect creation  
**Yuichiro Sugitani**, Jun Muneuchi, Naoko Tashiro, Daiji Igarashi, Naoko Ogawa, Daisuke Toyomura, Daisuke Shimizu, Mamie Watanabe  
JCHO Kyushu Hospital, Kitakyushu, Fukuoka

O2-5 Treatment results of BAS using Z-5 at our hospital  
**Yukiteru Sugiyama**, Takuro Kojima, Masaru Yabuzaki, Atsushi Maruyama, Kaito Sano, Kota Nagaoka, Koichi Toda, Yasunori Nabeshima  
Saitama Medical University International Medical Center

O2-6 BAS catheter Numed 2-5: Current status after transition  
**Koki Mitogawa** 1, Kenji Baba 1, Maiko Kondo 1, Yusuke Shigemitsu 1, Haruka Fukushima 1, Kenta Hirai 1, Yuya Kawamoto 1, Mayuko Hara 1, Yoshihiko Kurita 2  
1 Okayama University Hospital, 2 Kochi Medical Center

### Venue D (9th Floor, 2nd Training Room)

#### 13:45-14:45 Hands-on Seminar 2 "Gore® Cardioform ASD Occluder Room"

Gore Japan LLC

#### 15:45-16:45 Hands-on Seminar 3 "Basic Coil Embolization Techniques According to Dr. Oki"

Instructor: **Hiroki Oki** (Tokyo Metropolitan Children's Medical Center)

17:10-18:00 E-poster 1

## E-poster 1, ① "Complications / Perioperative / Others"

Chair: **Sadataka Kawachi** (Saitama Children's Medical Center)

EP1-8 A Case of Treatment for Infant Femoral Artery Pseudoaneurysm by Ultrasound-guided Thrombin Injection (UGTI)  
**Kimi Hiroshi Yoshii**, Jun Sato, Yasunori Oshima, Yuki Imai, Shuichiro Yoshida, Hiroshi Nishikawa  
 Chukyo Hospital, Chukyo Children's Heart Center, Nagoya, Aichi

EP1-9 Experience of Catheter Endovascular Treatment for Acute Femoral Artery Occlusion Associated with Sheath Placement  
**Tomoya Harada**, Hiroyuki Ohashi, Naoki Tsuboya, Noriko Yodoya, Hirofumi Sawada, Yoshihide Mitani, Masahiro Hirayama  
 Mie University Graduate School of Medicine

EP1-10 Vascular Occlusion Associated with Femoral Artery Puncture in the Neonatal Period at Our Institution  
**Kan Sato**, Tokuko Ishii, Kentaro Koga, Ayaka Nishihata, Makiko Sakamoto, Koji Higashi  
 Chiba Children's Hospital

EP1-11 Experience of using a temporary IVC filter for inferior vena cava thrombosis  
**Tatsuya Onishi**, Takayuki Oku, Keisuke Fukudome, Yuichi Miyagi, Kazuya Terada  
 Shikoku Children's and Adults' Medical Center, National Hospital Organization, Zentsuji, Kagawa

EP1-12 A case of fulminant myocarditis with improved pulmonary congestion by left ventricular decompression using a pig-tail catheter under ECMO treatment  
**Rumi Hada**, Shin Urata, Kazu Ishikawa, Ryo Sakai, Taishi Misaki, Seong-Hae Kim, Takahiro Tomoyasu, Miyuki Shibata, Yasutaka Hirata, Eisaku Nariki, Shotaro Matsumoto, Hiroshi Ono  
 National Center for Child Health and Development, Tokyo 1 Cardiology, 2 Surgery, 3 Intensive Care

EP1-13 A case of fenestration closure device after stent placement for conduit stenosis in a post-fenestrated Fontan patient  
**Ayane Ikebata**, Masashi Asagai, Tetsu Sakai, Tomohito Kogure, Kei Inai  
 Tokyo Women's Medical University Hospital 1 Pediatric and Adult Congenital Cardiology, 2 Cardiology

EP1-14 Experience of creating a V-V shunt occlusion and axillary arteriovenous fistula in Fontan unsuitable patients after BDG  
**Ritsumon Hayashi**, Junko Shiono, Masaki Tominaga, Hidetoshi Fujisato, Yukiko Saka, Shoichi Abe, Tatsuwo Kono  
 Ibaraki Prefectural Children's Hospital 1 Pediatric Cardiology, 2 Cardiovascular Surgery, 3 Tsukuba University Medical School, Ibarki, 4 Tokyo Metropolitan Children's Medical Center, Radiology

## E-poster 1, ② "Others"

Chair: **Kentaro Ikeda** (Gunma Prefectural Children's Medical Center)

EP1-15 A case of a 9-year-old girl with fulminant myocarditis rescued using ECMO and Impella CP  
**Takuya Kadoya**, Shiro Baba, Fumihiro Fukumura, Kentaro Akagi, Takuya Hirata, Yutaro Miyoshi, Hiroki Shiomi, Junko Takita  
 Kyoto University Hospital 1 Pediatrics, 2 Cardiology

EP1-16 A case of pulmonary hypertension with pure pulmonary artery closure treated with stepwise percutaneous pulmonary valve dilation  
**Daiki Sato**, Tadao Abe, Yuta Fujii, Miki Kanai, Hirofumi Mizutaki, Shunsuke Naka, Yoshifumi Baba, Masanori Tsukada, Fujito Numano, Akihiko Saito  
 Niigata University Medical and Dental Hospital

EP1-17 The usefulness and limitations of transesophageal echocardiography in pediatric catheter treatment  
**Koji Higashi**, Kaname Sato, Makiko Sakamoto, Ayaka Nishihata, Kentaro Koga, Toruko Ishii  
 Chiba Children's Hospital

EP1-18 A study of cases undergoing embolization for collateral vessels on the body-pulmonary venous side after Glenn surgery  
**On Nitta**, Akira Ozawa, Daijiro Sato, Dai Suzuki, Takehiko Oken, Eiichiro Kawai  
 Miyagi Prefectural Children's Hospital

EP1-19 Thoracic duct ligation for a case of bronchial cast syndrome after Fontan surgery  
**Keisuke Sato**, Mayu Yamamoto, Seong-Hae Kim, Mizuhiko Ishigaki, Youhao Chen, Akane Shibuya, Yuriko Shiraishi, Hideki Doi, Mitsumasa Okubo, Aiko Kawada, Naohiko Maejima, Hideo Mori, Chihiro Anshin, Kazuya Sada, Jun Yoshimoto, Norie Mitsushita, Masaki Arai, Yasuhiko Tanaka  
 1 Shizuoka Prefectural Children's Hospital, 2 Teikyo University, Tokyo

EP1-20 A case of embolization of the body-pulmonary side collateral artery using N-Butyl-2-Cyanoacrylate (NBCA) in an adult after Fontan surgery  
**Masanori Tsukada**, Tadao Abe, Yoshifumi Baba, Hirofumi Mizutaki, Shunsuke Naka, Yosuke Horii, Fujito Numano, Akihiko Saito  
**Niigata University Medical and Dental Hospital** 1 Pediatrics, 2 Radiology

EP1-21 A case of congenital portosystemic shunt safely closed using the coil-in-plug technique  
**Kazuma Komori**, Shin Ono, Nao Koizumi, Yasufumi Tachitaka, Atsushi Yanai, Erika Yuasa, Akio Kato, Ken Ikegawa, Takuya Wakamiya, Sadamitsu Yanagi, Hideaki Ueda  
**Kanagawa Children's Medical Center, Yokohama**

**Venue E (9th floor, Room 1)**

**12:30–13:30 Hands-on Seminar 1**

Kaneka Medix Co., Ltd.

**17:10–18:00 E-poster 1**

**E-poster 1, ③ "Coil / BAS"**

Chair: **Yasushi Misaki** (National Center for Child Health and Development, Tokyo)

EP1-1 Two cases of vascular injury during embolization of large pulmonary artery collateral pathways in single ventricle after Glenn procedure  
**Naoki Tsuboya**, Hiroyuki Ohashi, Tomoya Harada, Kazunobu Oya, Noriko Yodoya, Hirofumi Sawada, Yoshihide Mitani, Masahiro Hirayama  
**Mie University Hospital**

EP1-2 A case of complete closure of a portosystemic shunt by placing a coil between the disc and body of Amplatzer Vascular Plug 2  
**Mai Aida**, Tadao Abe, Masanori Tsukada, Shunsuke Nakae, Yoshifumi Baba, Hirofumi Mizutsubu, Fujito Numano  
**Niigata University Medical and Dental Hospital**

EP1-3 Catheter closure treatment strategy for a 27-year-old male with aortic arch anomaly originating from the left pulmonary artery  
**Masaki Kobayashi**<sup>1</sup>, Zen Tamura<sup>2</sup>, Takahiro Fukuyama<sup>3</sup>, Natsuko Ono<sup>3</sup>, Satoshi Asano<sup>3</sup>, Naofumi Sumitomo<sup>3</sup>, Mai Kimura<sup>1</sup>, Takayuki Koyanagi<sup>3</sup>, Naritaka Kimura<sup>4</sup>, Masahiro Jinzaki<sup>2</sup>, Maki Ieda<sup>1</sup>  
**Keio University School of Medicine, Tokyo** <sup>1</sup> Department of Cardiology, <sup>2</sup> Department of Radiology, <sup>3</sup> Department of Pediatrics, <sup>4</sup> Department of Cardiovascular Surgery

EP1-4 Experience of percutaneous vascular embolization using NBCA and coils for a case of hematemesis and hemorrhagic shock in a child due to MAPCA esophageal branch rupture  
**Yusuke Hayashi**<sup>1</sup>, Satoru Takashima<sup>2</sup>, Koichiro Nakajima<sup>1</sup>, Takuhiro Nishihara<sup>1</sup>, Koichi Hachinou<sup>1</sup>  
**Kumamoto City Hospital** <sup>1</sup> Department of Pediatric Cardiology, <sup>2</sup> Department of Pediatrics

EP1-5 Effect of fever suppression by replacing fibered coils with non-fibered coils in preoperative APS embolization for TCPC  
**Yoshihiro Nozaki**<sup>1,2</sup>, Tomohiro Hayashi<sup>2</sup>, Takuma Deguchi<sup>2</sup>, Yusuke Yano<sup>2</sup>, Taku Murakami<sup>1,2</sup>, Hidetoshi Takada<sup>1,2</sup>  
<sup>1</sup> Tsukuba University, Medical and Health Sciences, Department of Pediatrics, <sup>2</sup> Tsukuba University Hospital, Department of Pediatrics, Tokyo

EP1-6 Effective coil embolization of systemic-pulmonary artery collateral vessels using AZUR soft 3D  
**Tomohiro Hayashi**, Masahiro Miwa, Miohana Minagawa, Yoshiyuki Masuda, Kayo Ogino, Kenji Waki  
**Kurashiki Central Hospital, Okayama**

EP1-7 A case of neonatal BAS via umbilical vein approach that had difficulty reaching the right atrium  
**Yuta Fujii**, Tadao Abe, Hirofumi Mizutsubu, Yoshifumi Baba, Shunsuke Nakae, Masanori Tsukada, Fujito Numano, Akihiko Saito  
**Niigata University, School of Medicine**

## January 23, Friday

### Venue A (1st floor, 2nd floor Hall)

#### 9:15–9:55 Symposium 2 "WAS"

Chair: **Masanao Kitano** (Okinawa Prefectural Nanbu Medical Center, Children's Medical Center)  
**Jōhiro Takimikawa** (Nagano Prefectural Children's Hospital)

SY2-1 Development of wire atrial septostomy (WAS) technique to create a large defect in the thickened atrial septum  
**Masanao Kitano**<sup>1</sup>, Atsuya Shimabukuro<sup>1</sup>, Makiko Nishioka<sup>1</sup>, Kōsuke Yoshino<sup>1</sup>, Kōdai Watanabe<sup>1</sup>, Kōtarō Nagamoto<sup>1</sup>, Kazuto Fujimoto<sup>2</sup>, Ken'ichi Kurosaki<sup>2</sup>

<sup>1</sup>Okinawa Prefectural Nanbu Medical Center, Children's Medical Center

<sup>2</sup>National Cerebral and Cardiovascular Center, Osaka

SY2-2 Experience of Wie Atrial Septostomy using Nykanen RF wire® at our hospital  
**Jōhiro Takimikawa**, Nagano Prefectural Children's Hospital

SY2-3 Reliable ASD creation with WAS using Reverse TSP  
**Yūsaku Nagatomo**, Atsushi Tanaka, Daiki Ezaki, Ryōhei Matsuoka, Eiko Terashi, Yūichirō Hirata, Ken'ichirō Yamamura  
Kyushu University Hospital, Fukuoka

SY2-4 Differentiation of septal puncture in Wire Atrial Septostomy - Forward or Reverse –  
**Tadaaki Abe**, Masanori Tsukada, Mai Aida, Yūta Fujii, Hirofumi Mizutsubu, Yoshifumi Baba, Shunsuke Nakae, Fujito  
Numano, Akihiko Saitō  
Niigata University, Faculty of Medicine

#### 10:05–11:25 Koike Award / JCIC Award

Chair: **Kenji Suda** (Kurume University, Fukuoka)  
**Satoshi Yazaki** (Sakakibara Memorial Hospital, Tokyo)

KJ-1 Autologous cardiac stem cell intravascular transplantation for patients with functional single ventricle - Resumption of Phase 3 trial and initial implementation report –  
**Yūsuke Shigemitsu**<sup>1</sup>, Kenji Baba<sup>1</sup>, Maiko Kondo<sup>1</sup>, Haruki Fukushima<sup>1</sup>, Yūya Kawamoto<sup>1</sup>, Mayuko Hara<sup>1</sup>, Kōki Mitogawa<sup>1</sup>, Shingo Kasahara<sup>2</sup>  
Okayama University <sup>1</sup>Pediatrics, <sup>2</sup>Cardiovascular Surgery

KJ-2 Attempt to create a digital 3D model of Gore Cardioform ASD occluder device from two-directional fluoroscopic images and predict device dropout risk  
**Hiroyuki Ōhashi**<sup>1</sup>, Yūsuke Sugiyama<sup>2</sup>, Tomoya Harada<sup>1</sup>, Naoki Tsuboya<sup>1</sup>, Kazunobu Ōya<sup>1</sup>, Noriko Yodoya<sup>1</sup>, Shūhei Toba<sup>3</sup>, Hirofumi Sawada<sup>1</sup>, Yoshihide Mitani<sup>1</sup>  
<sup>1</sup>Mie University Graduate School of Medicine, Pediatrics, <sup>2</sup>Mie University, Mie Future Co-Creation Organization Regional Co-Creation Development Center, <sup>3</sup>Mie University Graduate School of Medicine, Thoracic Cardiovascular Surgery

KJ-3 Considering Fontan conduit overexpansion  
**Keijirō Ibuki**<sup>1</sup>, Kaori Tsuboi<sup>1</sup>, Mami Nishiyama<sup>1</sup>, Hideyuki Nakaoka<sup>1</sup>, Ayaka Ozawa<sup>1</sup>, Naoki Yoshimura<sup>2</sup>, Keiichi Hirono<sup>1</sup>  
Toyama University Hospital <sup>1</sup>Pediatrics, <sup>2</sup>Cardiovascular Surgery

KJ-4 Summary of 5 years after starting intrahepatic lymphatic embolization for refractory PLE after Fontan surgery  
**Takayuki Koyanagi**, Natsuko Ono, Takahiro Fukuyama, Satoshi Asano, Tomoaki Tarutani, Naofumi Sumitomo  
Keio University, Faculty of Medicine, Tokyo

KJ-5 Comparison of catheter treatment and surgical treatment for patent ductus arteriosus in premature infants using Amplatzer Piccolo® Occluder at our hospital  
**Natsumi Kikuchi**, Yuta Kawamura, Taishiro Yamaoka, Mariko Saito, Shun Yanai, Yui Horikawa, Naohiro Horio, Takeshi Shimizu, Hiroaki Kise, Takashi Fujii, Yoshinori Miyahara, Hideki Tomita  
Showa Medical University Hospital, Tokyo

KJ-6 Relationship between stent shape after deployment and effective valve orifice area in Harmony TPV25  
**Kazuya Sanada** <sup>1</sup>, Narumi Kan 1, Mizuhiko Ishigaki 1, Akane Shibuya 1, Hidehiro Mori 1, Keisuke Sato 1, Hiroshi Numata 1, Chihiro Anjuin 1,2, Jun Yoshimoto 2, Norie Mitsushita 1, Masaki Arai 1, Yasuhiko Tanaka 1  
Shizuoka Children's Hospital <sup>1</sup>Cardiology, <sup>2</sup>Arrhythmia Department

KJ-7 Ductal stent or right ventricular outflow tract stent - Selection and outcome of early pulmonary blood flow maintenance methods in infancy

**Akane Shibuya**, Narumi Kan, Hidehiro Mori, Kazuya Sanada, Mizuhiko Ishigaki, Keisuke Sato, Jun Yoshimoto, Norie Mitsushita, Masaki Arai, Yasuhiko Tanaka  
**Shizuoka Children's Hospital**

KJ-8 Actual use and long-term outcomes of small-diameter stents  
**Hidehiro Mori 1**, Narumi Kan 1, Akane Shibuya 1, Kazuya Sanada 1, Mizuhiko Ishigaki 1, Keisuke Sato 1, Jun Yoshimoto 2, Norie Mitsushita 1, Masaki Arai 1, Yasuhiko Tanaka 1  
**Shizuoka Children's Hospital 1 Cardiology, 2 Arrhythmia Department**

#### 11:35-12:20 Medical Safety Seminar

Chair: **Jun Munenai** (JCHO Kyushu Hospital, Kitakyushu, Fukuoka)

MS Safe sedation management for pediatric cardiac catheterization taught by an anesthesiologist  
**Kyoko Yamaguchi**  
**Kanagawa Children's Medical Center, Anesthesiology, Yokohama**

#### 12:35-13:25 Luncheon Seminar 2 "Avenir and MEGAnir coil debut! Showcasing with 'wrap' and mastering with „volume”.

Chair: **Satoshi Yazaki** (Sakakibara Memorial Hospital, Tokyo)

LS2-1 Embolization strategy utilizing the structural characteristics of MEGAnir  
**Atsuya Shimabukuro**  
**Okinawa Prefectural Nanbu Medical Center, Children's Medical Center**  
LS2-2 Paradigm shift in small vessel embolization: The 'flexibility' and 'length' of Avenir leading to coil embolization  
**Hiroki Oki**  
**Tokyo Metropolitan Children's Medical Center**

Co-sponsored by Japan Lifeline Co., Ltd.

#### 13:40-14:50 General Meeting, Award Ceremony, JCIC Registry Briefing, YIA Award Commemorative Lecture

YIA Award Commemorative Lecture

Successful atrioventricular nodal reentrant tachycardia ablation via superior vena cava approach in a patient with crisscross heart after modified Fontan with an extracardiac conduit surgery  
**Masahiro Mori**, **Osaka Mother and Child Medical Center**

#### 15:00-18:10 Live Session 2 "ASD closure; PDA stenting; VSD closure; PDA closure planned"

Chairs: **Takane Fujii** (Showa Medical University, Pediatric Cardiology, Adult Congenital Heart Disease Center, Tokyo)  
**Keijiro Ibuki** (Toyama University Hospital)

Commentators: **Shogen Omori** (The University of Tokyo, Hospital)  
**Yoshiyuki Kagiyama** (Kurume University, Fukuoka)

Presenters: **Do Nguyen Tin** (Children's Hospital 1 in Ho Chi Minh City, Vietnam)  
**Yun-Ching Fu** (Taichung Veterans General Hospital, Taichung City, Taiwan)

Co-sponsored by: Japan Lifeline Co., Ltd.

#### 15:00-18:10 Symposium 3 "PDA Stent"

Chair: **Keijiro Ibuki** (Toyama University Hospital)  
**Shogen Omori** (The University of Tokyo Hospital)

SY3-1 Promotion of pulmonary artery development and heart failure control by PDA stent treatment using staged expansion  
Hisayo Matsuo, Yuto Fukuda, Miori Umiriki, Haruka Nishino, Shu Kato, Hayataro Yamazaki, Ken Hayashi, Masahiro Mori, **Dai Asada**, Yoichiro Ishii, Toshiaki Aoki  
**Osaka Mother and Child Medical Center**

SY3-2 Challenges and prospects for the spread of ductus arteriosus stenting in Japan  
**Shogen Omori**, **The University of Tokyo Hospital**

SY3-3 Current status of our hospital in the 6th year of starting ductus arteriosus stenting for ductus-dependent pulmonary circulation  
**Keijiro Ibuki 1**, Tomoe Sakai 1, Kaori Tsuboi 1, Hideyuki Nakaoka 1, Ayaka Ozawa 1, Naoki Yoshimura 2, Keiichi Hirono 1  
**Toyama University Hospital 1 Pediatrics, 2 Cardiovascular Surgery**

SY3-4 PDA stenting for Tetralogy of Fallot with short PDA: Considerations for safe placement

**Yasuharu Watanabe**, Masanobu Kitano, Makiko Nishioka, Kotaro Nagamoto, Keisuke Yoshino, Atsuya Shimabukuro  
Okinawa Prefectural Nanbu Medical Center, Children's Medical Center

SY3-5 Comparison of treatment outcomes between ductus arteriosus stenting and BT shunt surgery for ductus-dependent pulmonary circulation disease  
**Hiroshi Numata** 1, Mizuhiko Ishigaki 1, Sung-Hae Kim 1, Akane Shibuya 1, Hidehiro Mori 1, Chihiro Anjuin 2, Kazuya Sanda 1, Keisuke Sato 1, Jun Yoshimoto 2, Norie Mitsushita 1, Masaki Arai 1, Hiroki Ito 3, Kizaburo Sakamoto 3, Yasuhiko Tanaka 1  
Shizuoka Children's Hospital 1 Cardiology, 2 Arrhythmia Department, 3 Cardiovascular Surgery

### Venue B (4th Floor Exhibition Hall)

#### 9:15–10:05 Sponsored Seminar 2 "Learn from Experts and Practice from Tomorrow! Amplatzer™ and Better Treatment"

Chair: **Sung-Hae Kim** (Shizuoka Children's Hospital)

SS2-1 Basic knowledge and clinical applications of the Amplatzer Septal Occluder  
**Naomi Nakagawa**  
Hiroshima City Hiroshima Citizens Hospital

SS2-2 Safely and effectively using the only PDA closure device in Japan  
**Hiroaki Kis**  
Showa Medical University Hospital, Pediatric Cardiology, Adult Congenital Heart Disease Center, Tokyo  
Co-sponsored by: Abbott Medical Japan LLC

#### 25 10:15–11:15 Chairman's Requested Presentation 3 "What to do with this case?"

Chair: **Akira Ozawa** (Miyagi Prefectural Children's Hospital)  
**Tetsuko Ishii** (Chiba Prefectural Children's Hospital)

CO3-1 A case of single ventricle with inferior vena cava deficiency and sinus venosus connection, in which atrial septal defect creation was performed via internal jugular vein approach  
**Ryo Inoue** 1, Shota Ren 1, Yusaku Nagatomo 2, Ayako Suzuki 1, Kiyotaka Go 1, Masaki Sato 1, Ayako Kuraoka 1, Koichi Sagawa 1  
1 Fukuoka City Children's Hospital, Department of Cardiology, 2 Kyushu University Hospital, Fukuoka

CO3-2 A 12-year-old boy with fulminant myocarditis who showed remarkable improvement in left ventricular unloading with an Impella™ circulatory support catheter – Points to consider in pediatric patients  
**Toshi Yauchi** 1, Natsumi Kikuchi 1, Yuta Kawamura 1, Taishiro Yamaoka 1, Hiroaki Kise 1, Takashi Fujii 1, Toshio Araki 2, Hidetaka Tomita  
Showa University Hospital, Tokyo 1 Pediatric Cardiology and Adult Congenital Heart Disease Center, 2 Department of Cardiology

CO3-3 Bald Aorta+ with extensive posterior inferior defect associated with porous atrial septal defect  
**Yuki Yamakawa**, Ikumi Otsu, Mitsuki Kiyomatsu, Yoshiyuki Kageyama, Ryuta Takase, Yozo Teramachi, Kenji Suda  
Kurume University, School of Medicine, Fukuoka

CO3-4 Initial intervention treatment for a newborn case of MA, DORV, PS presenting PFO stenosis, left PAPVR, and increased pulmonary blood flow  
**Makiko Nishioka**, Masanao Kitano, Kotaro Nagamoto, Yasunari Watanabe, Keisuke Yoshino, Atsuya Shimabukuro  
Okinawa Prefectural Nanbu Medical Center, Children's Medical Center

CO3-5 A case of aortic coarctation complex associated with early branching of the carotid artery in a premature, extremely low birth weight infant  
**Aiko Kawada** 1, Sung Seong-Hae 1, Yuriko Shiraishi 1, Hideki Doi 1, Mitsumasa Okubo 1, Naohiko Maejima 1, Hiroshi Numata 1, Chihiro Anshin 1,2, Akane Shibuya 1, Hidehiro Mori 1, Kazuya Sanada 1, Mizuhiko Ishigaki 1, Keisuke Sato 1, Jun Yoshimoto 1,2, Noriko Mitsushita 1, Masaki Arai 1, Yasuhiko Tanaka 1  
Shizuoka Prefectural Children's Hospital 1 Department of Cardiology, 2 Department of Arrhythmia

CO3-6 A case of single ventricle and pulmonary artery closure, where attempts at percutaneous pulmonary artery balloon dilation for right pulmonary artery stenosis were abandoned due to various approaches  
**Daisuke Toyomura**, Yuichiro Sugiya, Naoko Tashiro, Daiji Igarashi, Naoko Ogawa, Daisuke Shimizu, Mamie Watanabe, Jun Munenai  
JCHO Kyushu Hospital, Kitakyushu, Fukuoka

#### 11:25–12:05 General Presentation 5 "Complications and Others"

Chair: **Maiko Kondo** (Okayama University Hospital)

## Sadataka Kawauchi (Saitama Prefectural Children's Medical Center)

O5-1 Catheter treatment for low birth weight infants under 2 kg  
**Takeshi Sasaki 1**, Chie Song 1, Yuki Oshima 1, Hiroaki Masuno 1, Kae Nakamura 1, Mitsuhiro Fujino 1, Yuki Kawasaki 1, Yoko Yoshida 2, Tsutomu Suzuki 2, Hiroshi Sugiyama 1  
**Osaka City General Medical Center 1 Pediatric Cardiology, 2 Pediatric Arrhythmia**

O5-2 Three cases where catheter treatment was performed early after cardiovascular surgery, leading to ECMO weaning  
**Yuka Hayashida**, Atsuko Kato, Naon Koho, Yuri Suehiro, Tatsuya Baba, Hiroki Nagano, Ryo Ishii, Hidekazu Ishida, Jun Narita, Koji Kitabatake  
**Osaka University, Graduate School of Medicine**

O5-3 Method for creating fenestration in TCPC conduit – Our experience  
**Yasumi Nakajima 1**, Nao Inoue 1, Hiroki Uchiyama 1, Fumi Miyazaki 1, Hiroshi Sugiyama 2  
**1 Seirei Hamamatsu Hospital, Hamamatsu, Shizuoka, 2 Osaka City General Medical Center**

O5-4 Examination of Airway Bleeding Complicated by Cardiac Catheterization for Congenital Heart Disease  
**Hikaru Okubo 1**, Seong-Hae Kim 1, Kazuya Sanada 1, Mizuhiko Ishigaki 1, Keisuke Sato 1, Jun Yoshimoto 2, Norie Mitsushita 1, Masaki Arai 1, Yasuhiko Tanaka 1  
**Shizuoka Children's Hospital 1 Department of Cardiology, 2 Department of Arrhythmia**

O5-5 Experience of Catheter Treatment for Aortic Coarctation Complicated After Ductal Ligation in Low Birth Weight Infants  
**Naoko Tashiro**, Jun Munenai, Daiji Igarashi, Naoko Ogawa, Daisuke Toyomura, Yusuke Shimizu, Yuichiro Sugiya, Mamie Watanabe  
**JCHO Kyushu Hospital, Kitakyushu, Fukuoka**

## 12:25–13:15 Luncheon Seminar 3 "Coil Embolization Challenged by Experts"

Chair: **Hideaki Ueda** (Kanagawa Children's Medical Center, Department of Cardiology)

LS3-1 Strengths of EMBOLD Fibered Coil in the Hospital Management Ice Age  
**Toshikatsu Tanaka**, Hyogo Children's Hospital, Kobe

LS3-2 Radiologists' Considerations on the Appropriate Use of Coils  
**Masanori Inoue**, Fujita Medical University, Department of Radiology, Toyoake, Aichi

Co-sponsored by Boston Scientific Japan, Inc.

## 15:00–15:50 Sponsored Seminar 3

Chair: **Hideaki Ueda** (Kanagawa Children's Medical Center, Yokohama)

SS3 Stent Knowledge and Innovation for Congenital Heart Disease  
**Eiji Tomita**, Showa University Hospital, Pediatric Cardiology and Adult Congenital Heart Disease Center, Tokyo

Co-sponsored by TriTech Co., Ltd.

## 16:00–17:30 Chairman's Requested Presentation 4 "PVO"

Chair: **Maiko Kondo** (Okayama University Hospital, Pediatrics)  
**Masanobu Kitano** (Okinawa Prefectural Nanbu Medical Center, Children's Medical Center)

CO4-1 Stent Placement for Refractory Pulmonary Vein Stenosis: Stent Selection and Technical Considerations  
**Maiko Kondo 1**, Kenji Baba 1, Haruki Fukushima 1, Yusuke Shigemitsu 1, Yuya Kawamoto 1, Mayuko Hara 1, Koji Mitogawa 1, Tatsuo Iwasaki 2, Shingo Kasahara 3  
**Okayama University Hospital, 1 Pediatrics, 2 Department of Anesthesiology and Resuscitation, 3 Department of Cardiovascular Surgery, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences**

CO4-2 Long-term Results of Neonatal Pulmonary Vein Stenting for Total Pulmonary Venous Return Anomaly with Stenosis of the Return Vein in Functional Single Ventricle  
**Masanobu Kitano 1**, Kazuto Fujimoto 2, Atsuya Shimabukuro 1, Makiko Nishioka 1, Seiichi Sato 1, Keisuke Yoshino 1, Kouta Watanabe 1, Kotaro Nagamoto 1, Kenichi Kurosaki 2  
**1 Okinawa Prefectural Nanbu Medical Center, Children's Medical Center, 2 National Cerebral and Cardiovascular Center, Osaka**

CO4-3 Mid- to Long-term Results of Stent Placement for Pulmonary Vein Stenosis at Our Institution Nozomi Watanabe,  
**Toshikatsu Tanaka**, Haruka Uehara, Keita Ito, Hiroki Inase, Ryosuke Nakai, Shingo Kubo, Yasunobu Miki, Naoya Kamei, Yoshiharu Ogawa  
**Hyogo Children's Hospital, Kobe**

CO4-4 A case of a 9-year-old girl who underwent repeated stent-in-stent for pulmonary vein stenosis after surgery for total anomalous pulmonary venous return  
**Nakamura Koki**, Yazaki Satoshi, Shima Yuriko, Matsumura Yu, Saito Mika, Yoshiki Kanako, Ueda Tomomi, Hamamichi Yuji, Kagawa Tadahiro, Matsui Hikoro  
**Sakakibara Memorial Hospital, Tokyo**

CO4-5 The initial stent diameter and subsequent patency in pulmonary vein stenting - The effect of upgrade stenting –  
**Yamaoka Taishiro**, Kikuchi Natsumi, Kawamura Yuta, Saito Mariko, Yanai Shun, Shimizu Takeshi, Kise Hiroaki, Fujii Takashi, Tomita Eiji  
**Showa Medical University Hospital, Tokyo**

CO4-6 The usefulness of side cell dilation and additional stent placement for SVC stenosis after draining vein stenting for right-sided isomerism with TAPVC 1b  
**Shimabukuro Atsuya**, Kitano Masanao, Nagamoto Kotaro, Watanabe Koda, Yoshino Keisuke, Nishioka Makiko  
**Okinawa Prefectural Southern Medical Center, Children's Medical Center**

CO4-7 Long-term follow-up of the kissing stent method for postoperative pulmonary vein stenosis  
**Anshin-in Chihiro 1,2**, Kim Seong-Hae 2, Shibuya Akane 2, Mori Hidehiro 2, Ishigaki Mizuhiko 2, Shiraishi Yuriko 2, Doi Hideki 2, Okubo Mitsumasa 2, Maejima Naohiko 2, Kawada Aiko 2, Numata Hiroshi 2, Sada Kazuya 2, Sato Keisuke 2, Yoshimoto Jun 2, Mitsushita Norie 2, Tanaka Yasuhiko 2, Arai Masaki 2  
**Shizuoka Children's Hospital 1 Arrhythmia Department, 2 Cardiology Department**

CO4-8 A case of stent re-expansion after catheter puncture for pulmonary vein stenosis following Fontan surgery with an extracardiac conduit  
**Igarashi Daiji**, Sugiya Yuichiro, Tashiro Naoko, Ogawa Naoko, Toyomura Daisuke, Shimizu Daisuke, Watanabe Mamie, Munenai Jun  
**JCHO Kyushu Hospital, Kitakyushu, Fukuoka**

CO4-9 The effects and limitations of stenting for pulmonary vein stenosis  
**Ooki Hiroki**, Izawa Miki, Takehira Ken, Kamino Taro, Yoshida Mayuko, Senoo Shohei, Yamada Hiroyuki, Nagamine Hiroki, Maeda Jun, Yamagishi Takayuki  
**Tokyo Metropolitan Children's Medical Center**

### Venue C (9th Floor, 3rd Training Room)

#### 9:20-9:55 General Session 3 "TPVI"

Chair: **Koyanagi Takayuki** (Keio University School of Medicine, Tokyo)  
**Asagai Masashi** (Tokyo Women's Medical University)

O3-1 Successful placement of Harmony TPV25 in a case of left pulmonary artery stent protrusion using balloon-assisted tracking technique with a large sheath delivery  
**Sato Jun 1,2**, Yoshii Koki 2, Oshima Yasunori 2, Imai Yuki 2, Yoshida Shuichiro 2,3, Nishikawa Hiroshi 2  
**1 Nagoya University Hospital, 2 JCHO Chukyo Hospital, Chukyo Children's Heart Center, Nagoya, 3 Aichi Children's Health and Medical Center, Nagoya**

O3-2 Study on factors that may lead to Harmony incompatibility  
**Hirose Masaki**, Nakagawa Naomi, Toyoda Yusuke, Okamoto Kengo, Kataoka Koichi  
**Hiroshima City Hospital**

O3-3 Prediction of coronary artery compression by Harmony transcatheter pulmonary valve using the medical image viewer Viewfit  
**Ooki Hiroki**, Izawa Miki, Takehira Ken, Kamino Taro, Yoshida Mayuko, Senoo Shohei, Yamada Hiroyuki, Nagamine Hiroki, Maeda Jun, Yamagishi Takayuki  
**Tokyo Metropolitan Children's Medical Center**

O3-4 The placement of HARMONY TPV using the Flowering technique  
**Yuma Shibuya**, Yoshihiro Takikimi, Tomoya Okuda, Kohei Kurazaki, Tomoyasu Yuki, Ryosuke Numata, Kosuke Yonehara, Haruka Ohmukata, Yohei Akazawa, Kodai Takei  
**Nagano Prefectural Children's Hospital**

#### 10:05-11:05 General Presentation 4 "Coil"

Chairpersons: **Mitsuhiro Fujino** (Osaka City General Medical Center)  
**Ayako Kuraoka** (Fukuoka City Children's Hospital)

O4-1 A case of IMPEDE embolization plug placement for pulmonary arteriovenous fistula

**Miki Kanai**, Tadao Abe, Hirofumi Mizutaki, Masashi Baba, Shunsuke Naka, Masanori Tsukada, Fujito Numano, Akihiko Saito  
**Niigata University Medical and Dental Hospital**

O4-2 Regarding percutaneous coil embolization for giant coronary artery fistula performed immediately after birth  
**Shiro Baba** 1, Kentaro Akagi 1, Takumi Kadoya 1, Fumitaka Fukumura 1, Yoshiyuki Ikeda 2, Katsuyoshi Kanno 2, Takuya Hirata 1, Junko Takida 1  
**Kyoto University Hospital** 1 Pediatrics, 2 Cardiovascular Surgery

O4-3 A case successfully embolized with coils via axillary artery and brachial artery approach  
**Naoko Ogawa**, Jun Munenai, Naoko Tashiro, Daiji Igarashi, Daisuke Toyomura, Daisuke Shimizu, Yuichiro Sugiya, Mamie Watanabe  
**Kyushu Hospital, Regional Medical Function Promotion Organization, Fukuoka**

O4-4 Short-term results of venous shunt embolization after Fontan procedure: Examination of oxygenation improvement and safety  
**Yusuke Akatsuka**, Hideo Fukunaga, Kantarou Kimura, Yoshihiro Takahashi, Kenta Iizaka, Keiya Sato, Kotoko Matsui, Mana Harada, Hirodo Tokairin  
**Juntendo University School of Medicine, Tokyo**

O4-5 Effective coil embolization of venous side collateral circulation and stent placement in the innominate vein for recurrent hemoptysis after Fontan procedure in an adult case of Ebstein's anomaly  
**Hiroaki Masuno** 1, Mitsuhiro Fujino 1, Kae Nakamura 1, Takeshi Sasaki 1, Yuki Kawasaki 1, Yoko Yoshida 1, Tsugutoshi Suzuki 1, Hidetaka Ozawa 2, Koji Kagizaki 2, Hyou Sugiyama 1  
**Osaka City General Medical Center** 1 Pediatric Cardiology and Arrhythmia Department, 2 Pediatric Cardiovascular Surgery

O4-6 **Effectiveness and safety of embolization for V-V shunt in patients with single ventricle at our hospital**  
**Shingo Kubo**, Toshikatsu Tanaka, Haruka Uehara, Nozomi Watanabe, Keita Ito, Hiroki Inase, Ryosuke Nakai, Yasunobu Miki, Naoya Kamei, Yoshiharu Ogawa, Sachiko Kido  
**Hyogo Prefectural Children's Hospital, Kobe**

O4-7 Consideration of indications for coil embolization based on quantitative evaluation of APCA flow and clinical course before and after Fontan procedure  
**Kiyotaka Go**, Masaki Sato, Ayako Suzuki, Shota Ren, Yuko Shirauchi, Ayako Kuraoka, Koichi Sagawa  
**Fukuoka City Children's Hospital**

#### 16:30–17:50 Chairman's Requested Presentation 5 "Neonatal Treatment"

Chairpersons: **Mizuhiko Ishigaki** (Shizuoka Prefectural Children's Hospital)  
**Kumiyo Matsuo** (Osaka Mother and Child Medical Center)

CO5-1 Catheter treatment for aortic coarctation in low birth weight infants around 1,000 g  
**Mizuhiko Ishigaki** 1, Seong-Hae Kim 1, Akane Shibuya 1, Hidetaka Mori 1, Hiroshi Numata 1, Chihiro Anjuin 2, Kazuya Sanda 1, Keisuke Sato 1, Jun Yoshimoto 2, Norie Mitsushita 1, Masaki Arai 1, Hiroki Ito 3, Keiichi Hirose 3, Kizaburo Sakamoto 3, Yasuhiko Tanaka 1  
**Shizuoka Prefectural Children's Hospital** 1 Cardiology Department, 2 Arrhythmia Department, 3 Cardiovascular Surgery

CO5-2 Retrospective Study of Neonatal Intervention Techniques: Analysis of Safety and Complication Risks  
**Kumi Matsuo**, Yuto Fukuda, Miori Umiriki, Haruka Nishino, Shu Kato, Hayataro Yamazaki, Ken Hayashi, Masahiro Mori, Dai Asada, Yoichiro Ishii, Toshiaki Aoki  
**Osaka Mother and Child Medical Center**

CO5-3 A Case of Successful Balloon Pulmonary Angioplasty for Pulmonary Thromboembolism in a 1.2 kg Neonate  
**Rie Otsu**, Yoshiyuki Kagiyama, Yuki Yamakawa, Mitsuki Kiyomatsu, Masashi Takemazawa, Ryuta Takase, Masahiro Kinoshita, Yozo Teramachi, Kenji Suda  
**Kurume University School of Medicine, Fukuoka**

CO5-4 A Case of Arterial Duct Stenting for Congenital Isolated Left Pulmonary Artery Absence  
**Yusuke Yumita**^1, Kaname Sato^1, Kentaro Okushi^1, Kentaro Koga^1, Makiko Sakamoto^1, Ayaka Nishihata^1, Koji Higashi^1, Tokuko Ishii^1  
**^1 Chiba Children's Hospital, ^2 St. Luke's International Hospital, Tokyo ^3 Chiba University Hospital**

CO5-5 Reflecting on Percutaneous Pulmonary Valve Formation Required in the Neonatal Period  
**Takuro Kojima**, Kohei Sugiyama, Masashi Yabusaki, Atsushi Maruyama, Kaito Sano, Kota Nagaoka, Koichi Toda, Yasunori Nabeshima  
**Saitama Medical University International Medical Center**

CO5-6 A Case of HLHS with MS, AS, Intact Atrial Septum, Diagnosed in Fetus, Changed to Hope for Survival After Birth, Undergoing Emergency Percutaneous Atrial Septostomy  
**Yoshisuke Yoshino**, Masanao Kitano, Kotaro Nagamoto, Kouta Watanabe, Makiko Nishioka, Atsuya Shimabukuro  
**Okinawa Prefectural Nanbu Medical Center, Children's Medical Center**

CO5-7 Experience of Neonatal Catheter Treatment for Severe Congenital Heart Disease at Our Center  
**Yasuo Fujioka**, Yuko Tsuchida, Ayumi Shishido, Akira Inage  
**Japanese Red Cross Medical Center, Tokyo**

CO5-8 A Case of Percutaneous Stenting for Aortic Coarctation in a Super Low Birth Weight Infant Performed at Our Hospital  
**Chie Song**<sup>1</sup>, Hiroshi Sugiyama<sup>1</sup>, Mizuhiko Ishigaki<sup>1</sup>, Yuki Oshima<sup>1</sup>, Hiroaki Masuno<sup>1</sup>, Kae Nakamura<sup>1</sup>, Takeshi Sasaki<sup>1</sup>, Mitsuhiro Fujino<sup>1</sup>, Yuki Kawasaki<sup>1</sup>  
<sup>1</sup> Osaka City General Medical Center, <sup>2</sup> Shizuoka Children's Hospital

**Venue D (9th Floor, 2nd Training Room)**

**14:40–15:40 Hands-On Seminar 6 "Pioneering the Future of Echocardiography"**

GE Healthcare Japan Co., Ltd.

**16:00–17:00 Hands-On Seminar 8 "Avenir/Meganir Coil"**

Japan Lifeline Co., Ltd.

**Venue E (9th floor, Room 1)**

**11:20-12:20 Hands-on Seminar 5 "How to Use Steerable Tip Microcatheters – Coil Embolization"**

SB Kawasumi Co., Ltd.

**14:40–15:40 Hands-on Seminar 7-1 "Coil Embolization"**

Boston Scientific Japan Corporation

**16:00–17:00 Hands-on Seminar 7-2 "Coil Embolization"**

Boston Scientific Japan Corporation

**9:15–10:05 Keynote Lecture**

Chair: **Hideaki Ueda** (Kanagawa Children's Medical Center)

SP Past, Present, and Near Future of Catheter Treatment in Pediatric Cardiology  
**Daisuke Kobayashi**, St. Louis Children's Hospital, Tokyo

**10:10–12:10 Symposium 4 "TPVI"**

Chair: **Tomohito Kogure** (Tokyo Women's Medical University)

**Hiroaki Kise** (Showa University Hospital, Pediatric Cardiology and Adult Congenital Heart Disease Center, Tokyo)

Commentator: **Kenji Baba** (Okayama University Hospital)

**Gi Beom Kim** (Seoul National University Children's Hospital)

SY4-1 Indications and Appropriate Timing for TPVI

**Gi Beom Kim**, Seoul National University Children's Hospital, Seoul National University College of Medicine Seoul, South Korea

SY4-2 Current Status and Future Challenges of Harmony TPVI

**Tomohito Kogure** 1, Masashi Asagai 2, Kei Inai 2, Junichi Yamaguchi 1

Tokyo Women's Medical University 1 Department of Cardiology, 2 Pediatric and Adult Congenital Heart Disease Department

SY4-3 Points to Consider Regarding the Retrieval of the Harmony Device: Key points of the retrieval method before detachment and considerations for surgical retrieval after detachment

**Kenji Baba** 1, Maiko Kondo 1, Yusuke Shigemitsu 1, Haruki Fukushima 1, Yuya Kawamoto 1, Sayuko Hara 1, Takuki Mitogawa 1, Toku Takashi 2, Tatsuwo Iwasaki 3, Tomoyuki Kanazawa 3, Shingo Kasahara 4

Okayama University Hospital 1 Pediatric Cardiology, 2 Department of Cardiology, 3 Pediatric Anesthesiology, 4 Cardiovascular Surgery

SY4-4 Report on TPVI-Related Complications in Japan and Countermeasures

**Hiroaki Kise**

Showa University Hospital, Pediatric Cardiology and Adult Congenital Heart Disease Center, Tokyo

SY4-5 Fit Analysis and Anatomical Features of Incompatible Cases in Percutaneous Pulmonary Valve Implantation Using the Harmony Valve

**Masashi Asagai** 1, Tomohito Kogure 2, Tetsuri Sakai 1, Kei Inai 1

Tokyo Women's Medical University Hospital 1 Pediatric and Adult Congenital Heart Disease Department, 2 Department of Cardiology

SY4-6 Experience of Transcatheter Pulmonary Valve Replacement Using Valve-in-Valve with Sapien3

**Yuriko Shima** 1, Satoshi Yazaki 1, Yu Matsumura 1, Mika Saito 1, Kanako Yoshiki 1, Tomomi Ueda 1, Yuji Hamamichi 1, Tadahiro Yoshikawa 1, Hikoro Matsui 1, Seiji Nuki 2, Mai Sachi 2, Itaru Takamizawa 2, Yasufumi Kijima 2, Mamoru Nanashiri 2

Sakakibara Memorial Hospital, Tokyo 1 Pediatric Cardiology, 2 Department of Cardiology

SY4-7 A Study on the Re-retrieval Technique After the Start of Transcatheter Pulmonary Valve Implantation (TPVI) Using Harmony

**Kosuke Kashiwagi** 1, Takashi Higaki 1,2, Yusuke Akazawa 3, Toyoshi Miyata 1, Mieko Maezawa 1, Toshiyuki Chisaka 1,4, Masaaki Ota 1,4

Ehime University Graduate School of Medicine, Toon, Ehime 1 Department of Pediatrics, 2 Department of Pediatric and Adolescent Medicine, 3 Department of Cardiology, Respiratory Medicine, and Nephrology, 4, Department of Community Pediatric Health Care,

SY4-8 Issues and Countermeasures During Harmony Valve Placement - Experience from 25 Cases

**Masanao Kitano**, Atsuya Shimabukuro, Makiko Nishioka, Koudai Watanabe, Koutarou Nagamoto, Keisuke Yoshino, Seiichi Sato

Okinawa Prefectural Nanbu Medical Center, Children's Medical Center

SY4-9 Characteristics and Management of Difficult Cases of Harmony TPV Placement

**Kazuto Fujimoto**, Yuri Murayama, Aishou Kato, Kenichi Kurosaki

National Cerebral and Cardiovascular Center, Osaka

SY4-10 Three Cases of TPVI Performed for Pulmonary Valve Regurgitation Accompanied by Main Pulmonary Artery Stenosis  
**Takayuki Koyanagi**, Natsuko Ono, Takahiro Fukuyama, Satoshi Asano, Tomoaki Tarutani, Naofumi Sumitomo  
 Keio University, School of Medicine, Tokyo

SY4-11 A Study of Cases Where Percutaneous Pulmonary Valve Replacement Was Not Selected by the TPVI Heart Team  
**Naohiko Maejima**, Seong-Hae Kim, Mizuhiko Ishigaki, Hidehiro Mori, Akane Shibuya, Yuriko Shiraishi, Hidemoto Doi, Mitsumasa Okubo, Aiko Kawada, Hiroshi Numata, Chihiro Anshin-in, Kazuya Sada, Keisuke Sato, Jun Yoshimoto, Norie Mitsushita, Masaki Arai, Yasuhiko Tanaka  
 Shizuoka Children's Hospital

**12:25–13:15 Luncheon Seminar 4**

Chair: **Kazuto Fujimoto** (National Cerebral and Cardiovascular Center)

LS4-1 Leading to Successful Harmony TPV Implantation - Management of the Implanter and the Role of the Heart Team  
**Kenji Baba**, Okayama University, Graduate School of Medical and Dental Sciences, Medical Development Area  
 Co-sponsored by Medtronic Japan Co., Ltd.

**13:30–14:30 Special Project: Latest Evidence Following the Revision of the JCIC Guidelines**

Chair: **Seong-Hae Kim** (Shizuoka Children's Hospital)  
**Shinichi Otsuki** (Okayama University)

SPS-1 Experience with Right Ventricular Outflow Tract Stenting in High-Risk Cases with Underlying Conditions Such as Chromosomal Abnormalities and Low Birth Weight  
**Yasuki Fujioka** 1, Yuko Tsuchida 1, Ayumi Shishido 1, Atsushi Nakao 2, Joutarou Kobayashi 3, Akira Inage 1  
 Japanese Red Cross Medical Center, Tokyo 1 Pediatrics, 2 Neonatology, 3 Cardiovascular Surgery

SPS-2 Study of Cases Requiring Stenting to the Pulmonary Venous Return Pathway Before TAPVC Repair  
**Maiko Kondo** 1, Kenji Baba 1, Haruka Fukushima 1, Yusuke Shigemitsu 1, Yuya Kawamoto 1, Mayuko Hara 1, Kouki Mitogawa 1, Shingo Kasahara 2  
 1 Okayama University Hospital, Pediatrics, 2 Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Cardiovascular Surgery

SPS-3 Experience with Intracardiac Shunt Evaluation and Percutaneous Closure in Adolescents with Paradoxical Cerebral Embolism  
**Yasuhide Mochizuki** 1, Hiroaki Kise 2, Takashi Fujii 2, Toshiro Shinke 1, Eiji Tomita 2  
 Showa University School of Medicine, Tokyo 1 Department of Internal Medicine, Division of Cardiology, 2 Pediatric Cardiology and Adult Congenital Heart Disease Center

**14:40–15:50 Presidential Request Presentation 6 "Nightmare"**

Chairpersons: **Yasaki Satoshi** (Sakakibara Memorial Hospital, Tokyo)  
**Ishigaki Mizuhiko** (Shizuoka Children's Hospital)

CO6-1 Due to erosion risk, ASO was retrieved on the second day after placement, and GCA was placed in one case  
**Matsubara Kazuki**, Fujimoto Kazuto, Murayama Yuri, Kurozaki Kenichi  
 National Cerebral and Cardiovascular Center, Osaka

CO6-2 A case of PA/IVS complicated by pulmonary artery dissection due to PTPV  
**Kawachi Sadataka** 1, Mafune Ryo 1, Momoki Kouta 1, Masuda Shio 1, Tsukino Kazuma 1, Nakamura Yusuke 1, Notake Shinnosuke 1, Nakahashi Takumi 1, Hoshino Kenji 2  
 Saitama Children's Medical Center 1 Cardiology, 2 Saitama Children's Medical Center, Children's Heart Center

CO6-3 A case of an adult woman who developed ventricular fibrillation from a coronary vasospasm attack during percutaneous atrial septal defect closure  
**Nakajima Rie** 1, Sugawara Takuya 1, Masamoto Masato 2, Kawai Shun 2, Nakano Yusuke 2, Watanabe Shigeaki 2, Hibi Kiyoshi 1  
 Yokohama City University Medical Center 1 Cardiology, 2 Pediatric Cardiology

CO6-4 Two cases observed where coils gradually loosened after placement  
**Imai Yuki**, Ito Ryoichi, Yoshii Kimihiro, Oshima Yasunori, Nishikawa Hiroshi  
 JCHO Chukyo Hospital, Nagoya, Aichi

CO6-5 A case of atypical aortic coarctation that developed intimal dissection due to balloon dilation after stent placement

**Matsui Ryosuke**, Seki Mitsuru, Gomi Haruka, Yokomizo Akiko, Matsubara Daisuke, Furui Sadahiro, Oka Kensuke, Sato Tomoyuki, Tajima Toshihiro  
**Tochigi Children's Medical Center**

CO6-6 IVC conduit stenting where PalmazXL moved forward during AtlasGold dilation, corrected with a wire loop and long sheath from the opposite side  
**Watanabe Kouta**, Kitano Masanobu, Nagamoto Koutarou, Yoshino Yoshisuke, Shimabukuro Atsuya  
**Okinawa Prefectural Nanbu Medical Center, Children's Medical Center**

CO6-7 A case of LA roof perforation that occurred 8 months after percutaneous atrial septal defect closure  
**Seki Mitsuru**, Oka Kensuke, Furui Sadahiro, Gomi Haruka, Matsui Ryosuke, Morita Yusuke, Yokomizo Akiko, Sato Tomoyuki, Tajima Toshihiro  
**Tochigi Children's Medical Center**

#### Venue B (4th Floor Exhibition Hall)

#### 9:15-10:15 JCIC-CVIT Joint Symposium "Considering Appropriate Indications and Timing for TPVI"

Chairpersons: **Kanazawa Hideaki** (Tokyo Medical University)  
**Yasaki Satoshi** (Sakakibara Memorial Hospital, Tokyo)

JC-1 TPVI reaching maturity. Challenging treatment options and follow-up  
**Kogure Tomohito** 1, Asagai Masashi 2, Inai Kei 2, Yamaguchi Junichi 1  
**Tokyo Women's Medical University** 1 Cardiology, 2 Pediatric and Adult Congenital Heart Disease

JC-2 Re-intervention after surgery for Tetralogy of Fallot from the perspective of lifelong management - Indications for TPVR considering reoperation risks  
**Saji Maiku**, Toho University Omori Medical Center, Tokyo

JC-3 Treatment strategies from birth to open-heart surgery, considerations for timing and surgical methods  
**Fujimoto Kazuto**, National Cerebral and Cardiovascular Center, Osaka

JC-4 Lifetime management of TPVI for Tetralogy of Fallot  
**Takashi Higaki** 1,2,5, Yusuke Akazawa 2,5, Toshiyuki Chisaka 3, Kosuke Kashiwagi 3, Toyoshi Miyata 1,3, Ryusuke Watanabe 3, Mieko Maezawa 3, Masaaki Ohta 3,5, Toshiji Uchida 4,5, Osamu Yamaguchi 1,5, Tomozo Moriya 3,6, Eiichi Yamamoto 3,6  
**Ehime University Graduate School of Medicine** 1 Department of Pediatric and Adolescent Medicine, 2 Department of Cardiovascular, Respiratory, and Renal Hypertension Medicine, 3 Department of Pediatrics, 4 Department of Cardiovascular and Respiratory Surgery, 5 Ehime University Hospital, Transitional and Adult Congenital Heart Disease Center, 6 Ehime Prefectural Central Hospital, Toon, Ehime

#### 10:20-10:55 General Presentation 6 "Stent ①"

Chair: **Hidetaka Tomita** (Showa University Hospital, Pediatric Cardiology and Adult Congenital Heart Disease Center, Tokyo)  
**Hiroki Oki** (Tokyo Metropolitan Children's Medical Center)

O6-1 Mid-term prognosis of large stent placement for congenital heart disease in our department  
**Hidetaka Tomita**, Takashi Fujii, Hiroshi Kise, Taishiro Yamaoka, Takeshi Shimizu, Toshinori Yanai  
**Showa University, Pediatric Cardiology and Adult Congenital Heart Disease Center, Tokyo**

O6-2 A case of stent placement for a TTTS donor and extremely low birth weight infant with aortic coarctation  
**Yuri Suehiro**, Akiko Kato, Naon Kōhō, Tatsuya Baba, Yuka Hayashida, Hiroki Nagano, Ryo Ishii, Hidekazu Ishida, Koji Kitabatake  
**Osaka University Graduate School of Medicine**

O6-3 A neonatal case of total anomalous pulmonary venous return where trans-thoracic echocardiography guidance led to successful venous stent placement  
**Tomoyasu Yuki**, Yuma Shibuya, Kohei Kurazaki, Tomoya Okuda, Ryusuke Numata, Kosuke Yonehara, Haruka Ohmukata, Yohei Akazawa, Kota Takei, Yoshihiro Takikomi  
**Nagano Prefectural Children's Hospital**

O6-4 A case of simultaneous surgery for bidirectional Glenn and repair of venous return anomaly after stent placement for total anomalous pulmonary venous return with venous stenosis  
**Takeo Tejima** 1, Keisuke Higashitani 1, Tomohiro Nawa 1, Madoka Sawada 1, Motoki Takamuro 1, Hidetaka Tomita 2  
**1 Hokkaido Children's Comprehensive Medical Care Center, Sapporo, 2 Showa University, Tokyo**

#### 11:00-11:50 Sponsored Seminar 4 "Clinical Use of Fine System 3D Transesophageal Probe - When Can It Be Used?"

Chair: **Hideaki Ueda** (Kanagawa Children's Medical Center)  
**Masaki Arai** (Shizuoka Children's Hospital)

SS4-1 How to use pediatric transesophageal 3D probes for preoperative evaluation of congenital heart disease?  
**Masaki Arai**, Shizuoka Children's Hospital

SS4-2 How far has imaging diagnosis progressed in SHD treatment (especially ASD closure)?  
**Hideaki Ueda**, Kanagawa Children's Medical Center, Yokohama

Co-sponsored by GE Healthcare Japan

#### 12:05–13:05 Luncheon Seminar 5 "Where to Use Hydrogel Coils - Insights and Applications Across Disciplines"

Chair: **Yasunobu Hayabuchi** (Tokushima University Hospital)

LS5-1 Embolization using hydrocoils for pulmonary arteriovenous malformations: Treatment results and technical points  
**Masashi Shimohira**, Aichi Medical University Hospital, Radiology

LS5-2 BAE in non-cancer refractory hemoptysis cases: BAE that is patient-centered  
**Ryuka Misaki**, Kinki Central Respiratory Center, Department of Respiratory Medicine, Osaka

LS5-3 Hydrogel therapy in embolized internal thoracic artery trunk aortopulmonary artery collaterals in patients candidates for Fontan procedure, Inhibitory effect of II on recanalization  
**Hiroo Ohki**, Tokyo Metropolitan Children's Medical Center

Co-hosted by Terumo Corporation

#### 13:20-14:05 From Overseas

Chair: **Daisuke Kobayashi** (St. Louis Children's Hospital, Tokyo)

OS-1 Percutaneous transluminal balloon valvoplasty and surgical valvotomy comparative analysis in congenital non-critical aortic valve stenosis  
**Cerovic I**, Vukomanovic V, Kosutic J, Stajevic M, Ninic S, Popovic S, Dizdarevic I, Krasic S, Djordjevic N, Prijic S  
Mother and Child Health Institute of Serbia, Belgrade, Serbia

OS-2 Acute Myocarditis Presenting with Complete Heart Block in a 14-Year-Old Boy  
**Batsuuri B** 1, Purevjavgal M 1, Saruul TS 2, Bolormaa T 1, Bat-Undrakh J 1, Khongor G 1, Bekhbat B 1  
1 National center for Maternal and Child health, 2 Third State Central Hospital, Mongolia

OS-3 Transcatheter Closure of a Large Secundum Atrial Septal Defect in a Late-Presenting Child with Pulmonary Hypertension  
**Wira Febrisandi Irsan**, Suprohrita Rusdi Talib, Syarif Rohimi, Winda Azwani  
Harapan Kita National Women and Children Health Center, Jakarta, Indonesia

OS-4 Device Selection in Late Presenting Case Patent Ductus Arteriosus with Pulmonary Hypertension: Lessons from Device Embolization  
**Suprohrita Rusdi Talib**, Wira Febrisandi Irsan, Syarif Rohimi, Winda Azwani,  
Harapan Kita National Women and Children Health Center, Jakarta, Indonesia

OS-5 Transcatheter Re-intervention After Pulmonary Valve Implantation: Expanding the Concept of Valve-in-Transcatheter Pulmonary Valve Therapy  
**Daisuke Kobayashi**, St. Louis Children's Hospital, Tokyo

#### 14:10-14:45 General Presentation 9 "Arrhythmia and Ablation"

Chair: **Jun Yoshimoto** (Shizuoka Children's Hospital)  
**Shuichiro Yoshida** (Aichi Children's Health and Medical Center, Nagoya)

O9-1 Three Cases of AV Block Occurring After Percutaneous Atrial Septal Defect Closure  
**Delgerjargal Tsogtbayar**, Showa Medical University Hospital Pediatric Cardiology and Adult Congenital Heart Disease Center, Tokyo

O9-2 A case of ectopic junctional tachycardia occurring after percutaneous closure of atrial septal defect with Figulla Flex II (FSO) requiring antiarrhythmic therapy  
**Eiichiro Kawai**, Akira Ozawa, Kohei Yagi, Daijiro Sato, Takehiko Onken, On Yoshida  
Miyagi Prefectural Children's Hospital

O9-3 A case of left heart hypoplasia syndrome undergoing cryoablation for atrioventricular nodal reentrant tachycardia at age 4  
**Shuichiro Yoshida**, Jun Sato, Kimihiro Yoshii, Yasunori Oshima, Yuki Imai, Hiroshi Nishikawa

1 Aichi Children's Health and Medical Center, Nagoya, 2 JCHO Chukyo Hospital, Nagoya, 3 Nagoya University School of Medicine

O9-4 Four cases of cryoablation targeting the pivot area in pediatric AVNRT  
**Kantaro Kimura**, Hideo Fukunaga, Yoshihiro Takahashi, Kenta Iizaka, Yusuke Akatsuka, Keiya Sato, Kotoko Matsui, Hiromichi Tokairin, **Juntendo University, School of Medicine, Tokyo**

#### 14:55–15:55 Symposium 5 "VV shunt"

Chair: **Shin Ono** (Kanagawa Prefectural Children's Medical Center)  
**Hiroyuki Saiki** (Iwate Medical University, School of Medicine, Yahaba/Morioka, Iwate)

SY5-1 The two faces of veno-venous collaterals: "Good" or "Bad"  
**Shin Ono**, Nao Koizumi, Erika Yuasa, Kazuma Komori, Yasufumi Tachitaka, Atsushi Yanai, Akio Kato, Ken Ikegawa, Takuya Wakamiya, Sadamitsu Yanagi, Hideaki Ueda  
**Kanagawa Prefectural Children's Medical Center, Yokohama**

SY5-2 Preload reserve and windowed systemic venous side collateral (VV shunt) in Fontan circulation  
**Hiroyuki Saiki**, Satoshi Nakano, Hideaki Seki  
**1 Iwate Medical University, School of Medicine, Yahaba/Morioka, Iwate, 2 Japan University of Medical Sciences, Comprehensive Pediatric Community Medicine**

SY5-3 Three cases of embolization using Coil + Amplatzer Vascular Plug® for systemic venous side collateral (VV shunt)  
**Miho Hasegawa**, Naoki Kuwahara, Hidemoto Tanaka, Atsushi Terasawa, Tetsuya Yamamoto, Naoshi Kuwahara, Ryotaro Nagao, Makoto Nakamura, Yasushi Buchigami, Yusuke Iwata  
**Gifu Prefectural General Medical Center 1 Pediatric Cardiology, 2 Pediatric Cardiac Surgery**

SY5-4 Mid- to long-term outcomes of percutaneous embolization of systemic venous side collateral (VV shunt) after Fontan surgery  
**Daichi Hosokawa**, Satoshi Yazaki, Yuriko Shima, Yu Matsumura, Mika Saito, Kanako Yoshiki, Tomomi Ueda, Yuji Hamamichi, Tadahiro Yoshikawa, Hikaru Matsui  
**Sakakibara Memorial Hospital, Tokyo**

SY5-5 Study of cases of massive VV shunt occurring after TCPC  
**Haruka Fukushima**, Kenji Baba, Maiko Kondo, Yusuke Shigemitsu, Yuya Kawamoto, Mayuko Hara, Takuki Mitogawa, Shohei Moriya, Tatsuhiro Iwasaki, Shingo Kasahara  
**Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences 1 Pediatric Medical Science, 2 Anesthesiology and Resuscitation, 3 Cardiovascular Surgery**

SY5-6 The impact of venous-venous shunt (VVS) embolization on hemodynamics in Fontan patients presenting with high-output states  
**Hideki Doi**, Kazuya Sada, Mizuhiko Ishigaki, Yuriko Shiraishi, Mitsumasa Okubo, Aiko Kawada, Naohiko Maejima, Chihiro Anshin-in, Hiroshi Numata, Hideo Mori, Akane Shibuya, Keisuke Sato, Jun Yoshimoto, Norie Mitsushita, Yasuhiko Tanaka, Masaki Arai, Sung-Hae Kim  
**Shizuoka Prefectural Children's Hospital**

#### Venue C (9th Floor, 3rd Training Room)

#### 10:20–11:20 General Presentation 7 "ASD/PDA"

Chairpersons: **Hiroshi Sugiyama** (Osaka City General Medical Center)  
**Kota Takei** (Nagano Prefectural Children's Hospital)

O7-1 Utility of Cardiac CT in Inferior Margin Defect Type ASD  
**Hiroshi Sugiyama**, Yuki Kawasaki, Mitsuhiro Fujino, Takeshi Sasaki, Kae Nakamura, Toshitomo Suzuki, Yoko Yoshida, Hiroaki Masuno, Yuki Oshima, Chie Song, Koichi Takamizawa, Eiji Ebihara  
**Osaka City General Medical Center**

O7-2 Snare Assist Technique Using a New Delivery System of Figulla Flex 2  
**Tadaaki Abe**, Masanori Tsukada, Mai Aida, Yuta Fujii, Hirofumi Mizutsubu, Kenji Baba, Shunsuke Naka, Fujito Numano, Akihiko Saito  
**Niigata University, Faculty of Medicine**

O7-3 Two Cases of Infants Who Underwent Planned Coil Embolization for Residual Shunt After PDA Closure with AVP  
**Mitsuhiro Fujino**, Chie Song, Yuki Oshima, Hiroaki Masuno, Kae Nakamura, Takeshi Sasaki, Yuki Kawasaki, Hiroshi Sugiyama  
**Osaka City General Medical Center**

O7-4 Left Atrial Disk of Gore Cardioform ASD Occluder Expands Within the Pulmonary VeinInnovations to Reduce the Risk of Left Atrial Perforation  
**Yuki Imai**, Ryoichi Ito, Koki Yoshii, Yasunori Oshima, Hiroshi Nishikawa  
**JCHO Chukyo Hospital, Nagoya, Aichi**

O7-5 Position Adjustment Using Microsnare for Morphological Changes After ADOI Placement in Adult Patent Ductus Arteriosus Case  
**Yoko Kawai**, Naohiko Nakanishi, Tomoyuki Nagai  
**Kyoto Prefectural University of Medicine Hospital 1 Pediatrics, 2 Cardiology**

O7-6 Pitfall of Closure for Oval Foramen Type ASD: Can a "Small" Defect Hole Be Closed with a Small Occluder?  
**Koichi Kataoka**, Naomi Nakagawa, Masaki Hirose, Kengo Okamoto, Yusuke Toyoda, Masahiro Kamada  
**1 Hiroshima City Hiroshima Citizens Hospital, 2 Takano Bridge Central Hospital**

O7-7 Highly Distensible PDA Requires ADO Larger Than Recommended Size—Size Selection Based on Elastic Modulus  
**Atsushi Tanaka**, Yusaku Nagatomo, Daiki Ezaki, Ryohei Matsuoka, Eiko Terashi, Yuichiro Hirata, Kenichiro Yamamura  
**Kyushu University Hospital, Kitakyushu, Fukuoka**

#### 11:30–12:05 General Presentation 8 "Stent II"

Chairpersons: **Toshikatsu Tanaka** (Hyogo Prefectural Children's Hospital, Kobe)  
**Hiroshi Nishikawa** (JCHO Chukyo Hospital, Nagoya, Aichi)

O8-1 Prognostic Study After Stent Placement for Pulmonary Vein Stenosis  
**Yuya Kawamoto**, Kenji Baba, Maiko Kondo, Yusuke Shigemitsu, Haruki Fukushima, Kenta Hirai, Mayuko Hara, Subaru Mitogawa, Shingo Kasahara  
**1 Okayama University Hospital, 2 Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Cardiovascular Surgery**

O8-2 Aortic Coarctation Re-stenosis in Adults After Bypass Surgery Treated with Aortic Arch Stenting Combined with Side Cell Dilatation  
**Kotaro Nagamoto**, Masanao Kitano, Koudai Watanabe, Yoshisuke Yoshino, Makiko Nishioka, Atsuya Shimabukuro  
**Okinawa Southern Medical Center, Children's Medical Center**

O8-3 A case in which patency was maintained through multiple stent placements for progressive congenital pulmonary vein stenosis  
**Atsushi Maruyama**, Takuro Kojima, Kohei Sugiyama, Masashi Yabusaki, Kaito Sano, Kota Nagaoka, Koichi Toda, Yasunori Nabeshima  
**Saitama Medical University International Medical Center**

O8-4 Examination of the role of ductal stenting and optimal evaluation timing in borderline left ventricle cases aimed at biventricular repair  
**Haru Nishino**, Kumiyo Matsuo, Miori Umiriki, Yuto Fukuda, Shu Kato, Hayataro Yamazaki, Ken Hayashi, Masahiro Mori, Dai Asada, Yoichiro Ishii, Toshiaki Aoki  
**Osaka Mother and Child Medical Center**

#### 14:15–15:00 General Presentation 10 "VSD"

Chair: **Hidetaka Tomita** (Showa Medical University Hospital, Pediatric Cardiology and Adult Congenital Heart Disease, Tokyo)

O10-1 Transcatheter Ventricular Septal Defect (VSD) Closure~ Single Center Experience in Japan ~  
**Hiroaki Kise**, Natsumi Kikuchi, Daishiro Yamaoka, Mariko Saito, Shun Yanai, Takeshi Shimizu, Takanari Fujii, Hideshi Tomita  
**Pediatric Heart Disease and Adult Congenital Heart Disease Center SHOWA Medical University Hospital, Tokyo**

O10-2 Transcatheter Closure of Ventricular Septal Defect with Nit-Occlud L<sup>ê</sup> VSD Device – Long Term Follow-up  
**Sergej Prijic 1,2**, Ivana Cerovic 1,2, Vladislav Vukomanovic 1,2, Jovan Kosutic 1,2, Sanja Ninic 1, Sasa Popovic 1, Stasa Krasic 1,2  
**1 Mother and Child Health Institute of Serbia, 2 Faculty of Medicine, University of Belgrade, Belgrade, Serbia**

O10-3 Challenging Cases on Transcatheter Closure of Ventricular Septal Defect (VSD)  
**Catherine Causapin Babie**, Jean Antonio G. Villareal  
**Philippine Heart Center**

#### Venue D (9th Floor, 2nd Training Room)

#### 9:15–10:20 E-poster 2

## E-poster 2 ① "Stent / Balloon"

Chair: **Susumu Urata** (National Center for Child Health and Development)

EP2-10 A case in which percutaneous ductal stenting was also performed during percutaneous pulmonary artery balloon angioplasty for pure-type pulmonary artery occlusion  
**Daisuke Shimizu**, Jun Munenai, Naoko Tashiro, Daiji Igarashi, Naoko Ogawa, Taisuke Toyomura, Yuichiro Sugiya, Mamie Watanabe  
**JCHO Kyushu Hospital, Kitakyushu, Fukuoka**

EP2-11 Two cases that required surgical treatment due to ductal stenosis after ductal stenting  
**Kaori Tsuboi 1**, Keijiro Ibuki 1, Hideyuki Nakaoka 1, Ayaka Ozawa 1, Keiichi Hiroto 1, Naoki Yoshimura 2  
**1 Toyama University Hospital, 2 Toyama University**

EP2-12 A case of single ventricle, pulmonary artery occlusion, major aortopulmonary collateral arteries, and total anomalous pulmonary venous return undergoing staged stent dilation for pulmonary venous stenosis  
**Yasunori Oshima 1**, Ryoichi Ito 1, Kimihiro Yoshii 1, Yuki Imai 1, Hirohisa Sakurai 2, Hiroshi Nishikawa 1  
**Chukyo Hospital, Chukyo Children's Heart Center, Nagoya, Aichi 1 Pediatric Cardiology, 2 Cardiovascular Surgery**

EP2-13 Experience with the use of VBX for right ventricular outflow tract and pulmonary artery stenosis  
**Hiroaki Kise**, Natsumi Kikuchi, Yuta Kawamura, Daishiro Yamaoka, Mariko Saito, Shun Yanai, Takeshi Shimizu, Takanari Fujii, Delgerjargal Togtbayar, Hideshi Tomita  
**Showa Medical University Hospital Pediatric Cardiology and Adult Congenital Heart Disease Center, Tokyo**

EP2-14 Study of PDA Stenting for Arterial Duct Dependent Systemic Circulation  
**Yoshimi Nomura**, Hiroshi Ukai, Saori Sugawara, Yuya Yamada, Yu Tanaka, Machiko Kito, Satoru Kawai, Shuichiro Yoshida  
**Aichi Children's Health and Medical Center, Nagoya**

EP2-15 Experience with E-Luminexx Vascular Stent for Postoperative Pulmonary Artery Stenosis  
**Miohana Minagawa**, Tomohiro Hayashi, Masahiro Miwa, Yoshiyuki Masuda, Kayo Ogino, Kenji Waki, Yoshio Arakaki  
**Kurashiki Central Hospital, Okayama**

EP2-16 A Case of Percutaneous Pulmonary Valve Formation (PTPV) Planning after Pharmacological Bridging for Pure Type Pulmonary Artery Occlusion in a Very Low Birth Weight Infant  
**Kazu Ishikawa**, Shin Urata, Ryo Sakai, Rumi Hada, Taishi Misaki, Seong-Hae Kim, Hiroshi Ono  
**National Center for Child Health and Development, Tokyo**

EP2-17 Experience with Balloon Dilation for mBTS Artificial Vascular Graft after Surgical Blood Flow Restriction  
**Shiro Baba**, Kentaro Akagi, Fumihiro Fukumura, Takumi Kadoya, Yoshi Ikeda, Katsuyoshi Saganuma, Takuya Hirata, Junko Takita  
**Kyoto University Hospital 1 Department of Pediatrics, 2 Department of Cardiovascular Surgery**

## E-poster2 ② "Balloon"

Chair: **Koichi Sugawa** (Fukuoka City Children's Hospital)

EP2-18 Experience with NuCLEUS-XTM Balloon Valvuloplasty Catheter for Stenosis of the Pulmonary Valve  
**Toshikatsu Tanaka**, Yuho Hirota, Ryosuke Nakai, Yasunobu Miki, Shingo Kubo, Naoya Kamei, Yoshiharu Ogawa, Sachiko Kido, Toshiaki Toyoda  
**1 Hyogo Prefectural Children's Hospital, Kobe, 2 Kobe City Medical Center General Hospital**

EP2-19 A Case of Effective Percutaneous Angioplasty for Pulmonary Artery Stenosis in a Toddler Using High-Pressure Balloon Atlas Gold  
**Natsuko Ono**, Naofumi Sumitomo, Takahiro Fukuyama, Satoshi Asano, Tomoaki Tarutani, Takayuki Koyanagi  
**Keio University School of Medicine, Tokyo**

EP2-20 A Case of Infant Requiring Dilation with Ultra-High-Pressure Balloon for Venous Stenosis Lesion  
**Yu Tanaka**, Yoshimi Nomura, Hiroshi Ukai, Saori Sugawara, Yuya Yamada, Machiko Kito, Satoru Kawai, Shuichiro Yoshida  
**Aichi Children's Health and Medical Center, Nagoya**

EP2-21 A Case of Successful Percutaneous Pulmonary Artery Formation for Protein-Losing Enteropathy Occurring after Norwood-Glenn Circulation  
**Satoshi Asano**, Yoshihiro Takikomi, Kohei Kurosaki, Tomoyasu Yuki, Yuma Shibuya, Kosuke Yonehara, Yohei Akazawa, Kota Takei  
**Nagano Prefectural Children's Hospital**

EP2-22 Treatment Intervention for Cases with Asplenia and Pulmonary Vein Stenosis at Our Hospital  
**Atsushi Terasawa**, Miho Hasegawa, Hidemoto Tanaka, Tetsuya Yamamoto, Naoki Kuwahara, Naoshi Kuwahara, Makoto Nakamura, Yasushi Fuchigami, Yusuke Iwata  
**Gifu Prefectural General Medical Center, Pediatric Medical Center 1 Pediatric Cardiology, 2 Pediatric Cardiovascular Surgery**

EP2-23 Experience with Percutaneous Angioplasty Using ATLAS® GOLD Balloon  
**Yuta Kawamura**, Natsumi Kikuchi, Taishiro Yamaoka, Shun Yanai, Takeshi Shimizu, Hiroaki Kise, Takashi Fujii, Eiji Tomita, Yoshinori Miyahara  
**Showa Medical University Pediatric Cardiology and Adult Congenital Heart Disease Center, Tokyo**

EP2-24 Analysis of Risk Factors for Aortic Regurgitation and Surgical Intervention After Transcatheter Aortic Balloon Valvuloplasty  
**Yuri Murayama**, Kazuto Fujimoto, Kenichi Kurosaki  
**National Cerebral and Cardiovascular Center, Osaka**

EP2-25 Clinical Outcomes of PTPV for PA/IVS: RF Wire vs Mechanical Puncture  
**Keita Ito**, Toshikatsu Tanaka, Haruka Uehara, Nozomi Watanabe, Hiroki Inase, Ryosuke Nakai, Shingo Kubo, Yasunobu Miki, Naoya Kamei, Yoshiharu Ogawa, Sachiko Kido  
**Hyogo Prefectural Children's Hospital, Kobe**

#### 13:20–14:20 U40 Planning "Let's Share Training Life at Each Training Facility"

Chair: **Akio Kato** (Kanagawa Prefectural Children's Medical Center, Yokohama)  
**Ryuuke Numata** (Nagano Prefectural Children's Hospital)

Participating Facilities: Kanagawa Prefectural Children's Medical Center Yokohama, Shizuoka Prefectural Children's Hospital, Nagano Prefectural Children's Hospital, Nagoya University Aichi, Osaka City General Medical Center, The University of Tokyo, Kurume University Fukuoka, etc.

#### Venue E (9th Floor, 1st Training Room)

#### 9:15–10:20 E-poster 2

##### E-poster2 ③ "ASD/PDA"

Chair: **Akira Ozawa** (Miyagi Prefectural Children's Hospital)

EP2-1 Two Cases of Percutaneous Atrial Septal Defect Closure with Intracardiac Structures  
**Ryo Mafune**, Kenji Hoshino, Takumi Nakahashi, Shinnosuke Notake, Yusuke Nakamura, Kazuma Tsukino, Shio Masuda, Kota Momoki, Sadataka Kawachi  
**Saitama Prefectural Children's Medical Center**

EP2-2 A Case of Wenckebach Type 2° AVB After GCA Placement, Improved with PSL Administration  
**Takumi Nakahashi**, Shinnosuke Notake, Yusuke Nakamura, Kazuma Tsukino, Shogen Omori, Shio Masuda, Ryo Mafune, Kota Momoki, Kenji Hoshino, Sadataka Kawachi  
**Saitama Prefectural Children's Medical Center 1 Cardiology, 2 Children's Heart Center**

EP2-3 Experience of Percutaneous Atrial Septal Defect Closure in an Elderly Patient with Esophageal Hiatal Hernia  
**Nao Inoue**, Yasumi Nakajima, Hiroki Uchiyama, Fumi Miyazaki, Hideki Saito, Hiroshi Sugiyama  
**1 Seirei Hamamatsu General Hospital, 2 Seirei Hamamatsu General Hospital, Cardiology, Hamamatsu, Shizuoka, 3 Osaka City General Medical Center**

EP2-4 Effective Fan-Shaped Placement of Figulla Flex II ASD Occluder for Atrial Septal Defect with Aortic Rim Deficiency in Two Pediatric Cases  
**Kazuyoshi Saito**, Shigefumi Fukui, Yumiko Asai, Arisa Kojima, Hidetoshi Uchida, Madoka Hattori, Chihiro Nakajima, Hideo Izawa, Masanao Kitano  
**Fujita Medical University, School of Medicine, Toyoake, Aichi 1 Pediatrics, 2 Cardiology, 3 Okinawa Southern Medical Center, Children's Medical Center**

EP2-5 Percutaneous Closure of Multifocal ASD  
**Naoki Toyoda**, Muneyasu Yamaji, Kotaro Inaguma, Atsuko Ishihara, Shinji Toriuchi, Takeaki Shirai  
**Hyogo Prefectural Amagasaki General Medical Center**

EP2-6 Reproducibility of Treatment Indication Determination for Atrial Septal Defect Using General-Purpose Large-Scale Language Models and Examination of Inter-Model Differences  
**Hiroshi Fujino**, Tomoe Song, Yuki Oshima, Hiroaki Masuno, Kae Nakamura, Takeshi Sasaki, Yuki Kawasaki, Hiroshi Sugiyama  
**Osaka City General Medical Center**

EP2-7 A Case of Successful Placement of an Atrial Septal Defect Due to Cobra Head Deformation  
**Eiko Terashi**, Yusaku Nagatomo, Atsushi Tanaka, Daiki Ezaki, Ryohei Matsuoka, Yuichiro Hirata, Kenichiro Yamamura  
**Kyushu University Hospital, Fukuoka**

EP2-8 A Case of ADO2 Disc Placed in the Pulmonary Artery Side  
**Kentaro Ikeda**, Yuto Sasaki, Masahiro Inada, Yuji Asami, Kimiko Nakajima, Nobuya Shimoyama  
**Gunma Prefectural Children's Medical Center**

EP2-9 Utility of Flexible Judgment in ADO I Size Selection for Closure of PDA in Infants: Not Meeting the PA + 2 mm Criteria  
**Takahiro Fukuyama**, Natsuko Ono, Satoshi Asano, Tomoaki Tarutani, Naofumi Sumitomo, Takayuki Koyanagi  
**Keio University Hospital, Tokyo**

**13:15–14:00 Hands-On Seminar 4 "Amplatzer TM Device Hands-On, Piccolo Device Lecture/Table Discussion"**

Piccolo Device Lecture / Table Discussion

Treatment with Piccolo Device in Low Birth Weight Infants Toward to Safely Accumulate Treatment

**Hiroaki Kise (Showa University Hospital, Pediatric Cardiology and Adult Congenital Heart Disease Center, Tokyo)**

Abbott Medical Japan LLC

**Venue A (1st floor, 2nd floor Hall)**

**15:50-16:00 Closing Ceremony**

Hokkaido	
1. Hokkaido	Hokkaido Children's Medical and Rehabilitation Center in Sapporo (Tomohiro Nawa) Tohoku
Tohoku	
2. Aomori	
3. Iwate	Iwate University Hospital in Yahaba/Morioka (Hiroyuki Saiki)
4. Miyagi	Miyagi Prefectural Children's Hospital (Akira Ozawa)
5. Akita	
6. Yamagata	
7. Fukushima	
Kanto	
8. Ibaraki	Ibaraki Prefectural Children's Hospital, ***Tsukuba University Hospital
9. Tochigi	Tochigi Children's Medical Center (Jichi Medical University Hospital)
10. Gunma	Gunma Prefectural Children's Medical Center (Kentaro Ikeda)
11. Saitama	Saitama Medical University International Medical Center (Takuro Kojima), ***Saitama Prefectural Children's Medical Center (Sadataka Kawachi)
12. Chiba	Chiba Prefectural Children's Hospital (Tetsuko Ishii), ***Chiba University Hospital
13. Tokyo	Showa University Hospital (Takanari Fujii, Hiroaki Kise, Hidetaka Tomita), ***Tokyo University Hospital (Hideaki Kanazawa, Shigen Omori), ***Tokyo Women's University Hospital (Tomohito Kogure, Asagai Masashi), Center for Child Health and Development (Yasushi Misaki, Susumu Urata), ***Toho University Medical Center (Hidehiko Hara), ***Keio University Hospital (Koyanagi Takayuki), ***St. Louis Children's Hospital (Daisuke Kobayashi), ***Tokyo Metropolitan Children's Medical Center (Hirotoshi Oki), ***Sakakibara Memorial Hospital (Satoshi Yazaki), ***Teikyo University Hospital, ***Tsukuba University Hospital, ***Juntendo University Hospital, St. Luke's International Hospital, ***Japanese Red Cross Medical Center
14. Kanagawa	Kanagawa Children's Medical Center Yokohama (Hideaki Ueda, Shin Ono, Akio Kato), ***Yokohama City University Medical Center
Chubu	
15. Niigata	Niigata University Medical and Dental Hospital (Tadaaki Abe)
16. Toyama	Toyama University Hospital (Keijiro Ibuki)
17. Ishikawa	
18. Fukui	
19. Yamanashi	
20. Nagano	Nagano Prefectural Children's Hospital (Kiyohiro Takimuki, Jōhiko Takimikawa, Kota Takei, Ryusuke Numata)
21. Gifu	Gifu Prefectural General Medical Center
22. Shizuoka	Shizuoka Prefectural Children's Hospital (Sung-Hae Kim, Kim Narumi, Mizuhiko Ishigaki, Masaki Arai, Jun Yoshimoto), ***Seirei Hamamatsu General Hospital
23. Aichi/Nagoya	JCHO Chukyo Hospital (Hiroshi Nishikawa), ***Aichi Children's Health and Medical Center (Shuichiro Yoshida), Aichi Medical University Hospital, ***Nagoya University Hospital, ***Fujita Medical University in Toyoake
Kansai	
24. Mie	Mie University Hospital
25. Shiga	
26. Kyoto	Kyoto Prefectural University Hospital
27. Osaka	National Cerebral and Cardiovascular Center (Kazuto Fujimoto, Hiroshi Ono), ***General/Children's Medical Center (Mitsuhiko Fujino, Hiroshi Sugiyama), ***Osaka Mother and Child Medical Center (Kumiyo Matsuo), Osaka Medical University Hospital, ***Kinki Central Respiratory Center
28. Hyogo/Kobe	Hyogo Prefectural Children's Hospital (Toshikatsu Tanaka), Kobe City General Hospital, Amagasaki General MC
29. Nara	
30. Wakayama	
Chugoku	
31. Tottori	
32. Shimane	
33. Okayama	Okayama University Hospital (Maiko Kondo, Kenji Baba, Shinichi Otsuki), ***Kurashiki Central Hospital
34. Hiroshima	Hiroshima City Hospital (Naomi Nakagawa)
35. Yamaguchi	
Shikoku	
36. Tokushima	Tokushima University Hospital (Yasunobu Hayabuchi)
37. Kagawa	Shikoku Children's and Adults' Medical Center in Zentsuji
38. Ehime	Ehime University Hospital in Toon, ***Ehime Prefectural Central Hospital in Toon
39. Kochi	
Kyushu and Okinawa	
40. Fukuoka	Kurume University Hospital (Kenji Suda, Yoshiyuki Kagiyama), ***Fukuoka City Children's Hospital (Ayako Kuraoka, Koichi Sugawa), ***Kyushu Hospital in Kitakyushu (Jun Muneuchi), ***Kyushu University Hospital
41. Saga	
42. Nagasaki	
43. Kumamoto	Kumamoto City Hospital
44. Oita	
45. Miyazaki	
46. Kagoshima	
47. Okinawa	Okinawa Prefectural Nanbu Medical Center (Masataka Kitano, Atsuya Shimabukuro)