



The 10th Vietnam Congress of Congenital Heart Disease

PDA INTERVENTION FROM A TO Z

January 17th – 19th, 2024 at Sheraton Hotel, Saigon, Vietnam

SCIENTIFIC PROGRAM

Day 1: January 17th, 2024

NEW HORIZONS OF INTERVENTION IN CONGENITAL HEART DISEASES

7.00 – 16.00 | Registration

8.00 – 8.15 Opening speech

Course Directors | Welcome and Introduction

8.15 – 10.15: Ballroom

SESSION 1: MY PRACTICE IN PULMONARY VALVE IMPLANTATION

Moderators: Sir Shakeel Qureshi, Dietmar Schranz, Kothandam Sivakumar

Panelists: Kritvikrom Durongpisitkul, Kim-Sung Hae, Lin-Ming Tai,

Phuoc Hong Duong (UK)	Lessons learnt from imaging technology (8')
Zahid Amin (US)	Lessons learnt from my clinical practice (8')
Jou-Kou Wang (Chinese Taipei)	Lessons learnt from my complications and failures (8')
Soodevi Boolkah (UK)	Lessons learnt from my nursing case (8')
Sir Shakeel Qureshi (UK)	Lessons learnt from design to usage (8')

Live cases from:

- PSU - Thailand: Worakan Promphan, Supaporn Roymanee, Pimpak Prachasilchai
- IJN - Malaysia: Mahisham Che Mood Bin, Leong Ming Chen, Koh Ghee Tiong
- Children's Hospital 1 - Vietnam: PPVI

Operators: Do Nguyen Tin, Mario Carminati, Gi Boem Kim, Dao Anh Quoc

10.15 – 10.30 Coffee break

10.30 – 12.30 Ballroom

SESSION 2: MY PRACTICE IN SINUS VENOSUS ASD CLOSURE

Moderators: Lee Benson, Yashu Coe, Eric Rosenthal

Panelists: Gareth Morgan, Srinivas Bhayravavajhala, Jan Sheng-Lin

Yen S Ho (UK)	Which morphology is suitable for device closure? (8')
Paweena Chungsomprasong (Thailand)	Imaging for planing of sinus venosus ASD intervention (8')
Joseph Vettukattil (US)	What are we looking for in the ideal device? (8')
Kothandam Sivakumar (India)	Lessons learnt from my practice (8')
Eric Rosenthal (UK)	Lessons learnt from complications and failures (8')
Ling-Ming Tai (Chinese Taipei)	Coronary sinus type ASD: lessons learnt from my practice (8')

Live cases from:

- PSU - Thailand: Worakan Promphan, Supaporn Roymanee, Pimpak Prachasilchai

- IJN - Malaysia: Mahisham Che Mood Bin, Leong Ming Chen, Koh Ghee Tiong

-Children's Hospital 1 - Vietnam: SV ASD

Operators: Do Nguyen Tin, Sir Shakeel Qureshi, Le Nguyen Phu Qui

Echocardiography: Haifa Abdul Latiff

12.30 – 13.00: **Lunch**

13.00 – 14.30: **Ballroom LUNCH SESSION**

Masterclass: pmVSD device closure

Chairs: Bharat Dalvi, Kevin Walsh, Ahmet Celebi

Panelists: Pornthep Lertsapcharoen, Nguyen Lan Hieu, Peng Yuan Chen

Joaquim Miro (Canada)	Situation in North America (8')
Jayranganath Mahimarangaiah (India)	Device selection and my favourite device for pm VSD (8')
Yang Yang (China)	Symmetric or asymmetric device in pmVSD closure (8')
Muthukumar CS (India)	How to cross the defect: from the left and the right side (8')
Wenbin Ouyang (China)	Perventricular approach (8')
Chun-An Chen (Chinese Taipei)	VSD with aortic cusp prolapse: when and when not to close (8')
Pornthep Lertsapcharoen (Thailand)	Problems in VSD closure in my practice (8')

Live case from Children's Hospital 1: pmVSD closure

Operators: Do Nguyen Tin, Jenny Zablah, Van The Duy

Echocardiography: Haifa Abdul Latiff

10.30 – 12.15 Function room 2

PARALLEL SESSION

INTERESTING CASES OF PDA CLOSURE AROUND THE WORLD

Moderators: Sir Shakeel Qureshi, Oliver Stumper, Hishahi Sugiyama

Panelists: Srinath Gowda, Kritvikrom Durongpisitkul, Jae-Young Choi

Chun-An Chen	Case from Chinese Taipei (8')
Andrea Orel Valle	Case from Philippines (8')
Van The Duy	Case from Vietnam (8')
Khin Maung Oo	Case from Myanmar (8')
Paweena Chungsomprasong	Case from Thailand (8')
Takanari Fujii	Case from Japan (8')
Dora Wong	Case from Hong Kong (8')
Jonathan Choo Tze Liang	Case from Singapore (8')

12.30 – 13.00: **Lunch box**

13.00 – 14.30 Function room

PARALLEL SESSION

INTERESTING CASES OF PDA CLOSURE AROUND THE WORLD (cont.)

Moderators: Mario Carminati, Eustaquio Onorato, Sukman Putra

Panelists: Teiji Akagi, Neeraj Awasthi, Muthukumar CS

Jin-Young Song	Case from Korea (8')
Gemma Penford	Case from New Zealand (8')
Martin Wong	Case from Malaysia (8')
Behzad Alizadeh	Case from Iran (8')
Rahmat Budi	Case from Indonesia (8')
Bushan Chavan	Case from India (8')
Chandra Mani Adhikari	Case from Nepal (8')
Masood Sadiq	Case from Pakistan (8')
ShuJuan Li	Case from China (8')

14.45 – 16.15 Ballroom

SESSION 3: NEW HORIZONS

Moderators: *Lee Benson, Alison Cabalka, Satoshi Yasukochi*
Panelist: *Swee Chye Quek, Jean Antonio Villareal, Ooman George*

Adam Kolesnik (Poland)	Fetal cardiac intervention: lessons learnt from my practice (8')
Jenny E Zablah (US)	Pulmonary vein intervention: lessons learnt from my practice (8')
Joaquim Miro (Canada)	PAPVR: are there other anatomies suitable for percutaneous treatment? (8')
Kritvikrom Durongpisitkul (Thailand)	Transcatheter tricuspid valve repair with TriClip
Martin Schneider (Germany)	Veno-venous collaterals: lessons learnt from my practice (8')
Radityo Prakoso (Indonesia)	Non-fluoroscopy intervention (8')

Live cases from:

- **PSU - Thailand:** *Worakan Promphan, Supaporn Roymanee, Pimpak Prachasilchai*
- **IJN - Malaysia:** *Mahisham Che Mood Bin, Leong Ming Chen, Koh Ghee Tiong*
- **Children's Hospital 1 - Vietnam:** *Do Nguyen Tin, Sivakumar Kothadam, Van The Duy*
- **Tu Du Hospital:** *Do Nguyen Tin, Adam Kolesnik.*

16.15 – 16.30 Coffee break

16.30 – 18.00 Ballroom

SESSION 4: NEW DEVICES

Moderators: *Mario Carminati, Martin Schneider, Teiji Akagi*
Panelist: *John Thomson, Jayranganath Mahimarangaiah, Jonas Del Rosario*

Joseph Vettukattil (India)	HeartX for ASD closure (8')
Pi-Chang Lee (Chinese Taipei)	Third generation of ASD Ceraflex (8')
Yongquan Xie (China)	Bioabsorbable PFO device (8')
Mazeni Alwi (Malaysia)	Bioabsorbable stents for PDA stenting (8')
Kothandam Sivakumar (India)	AFR: what do we need in near future? (8')
Jung-Sun Kim (Korea)	What are new in PFO closure? (8')

Live cases from:

- **PSU - Thailand:** *Worakan Promphan, Supaporn Roymanee, Pimpak Prachasilchai*
- **IJN - Malaysia:** *Mahisham Che Mood Bin, Leong Ming Chen, Koh Ghee Tiong*
- **Children's Hospital 1 - Vietnam:** *Do Nguyen Tin, Jae-Young Choi, Nguyen Ba Trieu*

19.30 – 21.30 Faculty Dinner

14.30 – 18.00. Function Room 1: Training Hub

PORCINE HEART DISSECTION and LIVE CASE

MORPHOLOGIC/ECHOCARDIOGRAPHIC CORRELATION AND DEVICE CLOSURE

Instructors: S. Yen Ho, Zahid Amin, Joseph Vettukattil, Bharat Dalvi, Haifa Abdul Latif

(15 tables for registrated hands-on)

14.30 – 16.15 Porcine heart dissection: Atrial septum and PFO/ASD

Live case: ASD closure from Children's Hospital 1

Operators: Do Nguyen Tin, Teiji Akagi, Tran Cong Bao Phung

Echocardiography: Haifa Abdul Latif

Joseph Vettukattil (India)	Morphology based echocardiography for atrial septum and PFO/ASD
Zahid Amin (US)	Morphology based intervention for PFO/ASD
Bharat Dalvi (India)	Morphology based complications of device closure for PFO/ASD

16.15 – 16.30 Coffee break

16.30 – 18.00 Porcine heart dissection: Ventricular septum and VSD

Live case: VSD closure from Children's Hospital 1

Operators: Do Nguyen Tin, Hisashi Sugiyama, Tran Thanh Minh

Echocardiography: Haifa Abdul Latif

Joseph Vettukattil (India)	Morphology based echocardiography for ventricular septum and VSD
Zahid Amin (US)	Morphology based intervention for VSD
Bharat Dalvi (India)	Morphology based complication of device closure for VSD

Function room 2: Parallel session

MFO DEVICE FOR MULTIPLE INDICATIONS

Moderator: Kevin Walsh, Nageswara Rao, Masood Sadiq, Xiangbin Pan

Panelist: Martin Wong, Bushan Chavan, Radityo Prakoso, Yong Zhang

Mario Carminati (Italy)	MFO for pmVSD (8')
Jean Anntonio Villareal (Philippines)	MFO for muscular VSD (8')
Rahmat Budi (Indonesia)	MFO for outlet VSD (8')
Edwin Francis (India)	MFO for coronary fistula (8')
Masood Sadiq (Pakistan)	MFO for PDA closure (8')
Nageswara Rao (Inida)	MFO for other indications (8')



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Day 2: January 18th, 2024

PDA CLOSURE

7.00 – 8.00 Abstract presentation

Screen 1

Moderator: Kevin Walsh, Bharat Dalvi

Screen 2

Moderator: John Thomson, Behzad Alizadeh

8.00 – 10.00 Ballroom

SESSION 5: PDA CLOSURE IN PRETERM BABY

Moderators: Sir Shakeel Qureshi, Martin Schneider, Joaquim Miro,

Panelists: Hisashi Sugiyama, Mazeni Alwi, Chetan Mehta

Yashu Coe (Canada)

Chetan Mehta (UK)

Martin Schneider (Germany)

John Thomson (UK)

Lin-Ming Tai (Chinese Taipei)

Morphologic aspects: which PDA can be closed by device (8')

Device selection (8')

Cath lab or bedside: when and how? (8')

Special considerations (8')

Reflections on Practice: Lessons from What I Witnessed (8')

Live cases from:

Taichung Veterans General Hospital-Chinese Taipei: Yun-Ching Fu

Siriraj Hospital- Bangkok, Thailand: Kritvikrom Durongpisitkul, Jarupim Soongswang,

Children's Hospital 1- Vietnam: Do Nguyen Tin, Gareth Morgan, Tran Van Tuan

10.00 – 10.30 Coffee Break

10.30- 12.15 Ballroom

SESSION 6: PDA CLOSURE FOR SPECIAL MORPHOLOGY

Moderators: Mario Carminati, Teiji Akagi, Behzad Alizadeh

Panelists: Hasri Samion, Worakan Promphan, Martin Wong

Martin Schneider (Germany)	How to close PDA with LPA stenosis (8')
Allison Cabalka (US)	How to close PDA with aortic coarctation (8')
Sung-Hae Kim (Japan)	How to close PDA with other comorbidities (8')
Behzad Alizadeh (Iran)	How to close residual PDA (8')
Mazeni Alwi (Malaysia)	How to close PDA stent (8')
Hideshi Tomita (Japan)	How to close PDA with special morphology (8')

Live case:

Taichung Veterans General Hospital - Chinese Taipei: Yun-Ching Fu

Siriraj Hospital- Bangkok, Thailand: Kritvikrom Durongpisitkul, Jarupim Soongswang,

Children's Hospital 1- Vietnam: Do Nguyen Tin, Supaporn Roymanee, Le Hoang Khoa

12.15 – 12.30 Lunch

8.30– 10.00 Function room 1

Training Hub: MASTERCLASS

ASD CLOSURE IN CHALLENGING CASES

Moderators: Zahid Amin, T H Goh, Anil SR, Ravi Ranjan Tripathi

Panelists: Jun Yoshimoto, Jonas Del Rosario, Ting Ting Xiao, Pimpak Prachasilchai

Kenji Suda (Japan)	ASD closure in large defects (8')
Kevin Walsh (Ireland)	ASD closure in small babies (8')
Supaporn Roymanee (Thailand)	My most difficult case (8')
Hideaki Ueda (Japan)	My technique to overcome the difficult situation (8')
Min Wun (China)	Techniques for complex ASDs (8')
Mulyadi Djer (Indonesia)	How can I survive from complications (8')

Live case from: Children's Hospital 1, Vietnam

Operators: Do Nguyen Tin, Gemma Penford, Yoshiyuki Kagiyama

Echocardiography: Haifa Abdul Latiff, Lucy Eun

10.00 – 10.30 Coffee break

10.30 – 12.00

Training Hub: MASTERCLASS

CORONARY FISTULA CLOSURE FOR CHALLENGING CASE

Moderators: Lee Benson, Srinath Gowda, Vinoth Doraiswamy, Lin Ming-Chin

Panelists: Hideaki Ueda, Prem Alva, Ming-Chen Leong, Supaporn Roymannee

Gurleen Sharland (UK)	Clues to prenatal diagnosis of CAF and differential diagnoses (8')
Srinath Gowda (US)	Device selection in correlation with morphology (8')
Saurabhi Das (India)	Coronary-cameral fistula closure - MFO to the rescue (8')
Hideaki Ueda (Japan)	My technique to overcome the difficult situation (8')
Shakeel Qureshi (UK)	Challenges and complications (8')
Bharat Dalvi (India)	How can I survive from complications (8')

Live case from: Children's Hospital 1, Vietnam

Operators: Do Nguyen Tin, Allison Cabalka, Le Nguyen Phu Qui

Function room 2

8.30 – 10.00

PARALLEL SESSION 1: CARDIAC IMAGING

3D evaluation of morphology and function of RV and RVOT in Fallot (demo and recorded cases/live case)

Moderators: Sir Shakeel Qureshi, Joseph Vettukattil, Phuoc Duong, Haifa Abdul Latif, Adam Kolesnik, Gi-Beom Kim, Nguyen Minh Hai

Adam Kolesnik (Poland)	3D echocardiography in evaluation of RV and RVOT in fetus
Joseph Vettukattil (India)	3D echocardiography in evaluation of RV and RVOT
Haifa Abdul Latiff (Malaysia)	3D CT evaluation of RV and RVOT
Lucy Eun (Korea)	3D MRI evaluation of RV and RVOT
Phuoc Duong (UK)	Softwares for 3D imaging
Worakan Promphan (Thailand)	3D rotational angiography of RV and RVOT
Adam Kolesnik (Poland)	3D printing of RV and RVOT

10.00 – 10.30 coffee break

10.30 -12.00 demo case

12.15 – 12.30 Lunch box

12.30 – 14.30

LUNCH SESSION

Lunch session 1: Ballroom

HOW TO SURVIVE WITH COMPLICATIONS OF PDA CLOSURE

Moderator: Alison Cabalka, Teiji Akagi, Masood Sadiq, Pramod Kumar, Rahim Wong, Shyu Tsung-Chang

Live case from:

Taichung Veterans General Hospital-Chinese Taipei: Yun-Ching Fu

Siriraj Hospital- Bangkok, Thailand: Kritvikrom Durongpisitkul, Jarupim Soongswang,

Children's Hospital 1: Do Nguyen Tin, Lin-Ming Tai, Le Hong Quang

Jae-Young Choi (Korea)	How to retrieve an embolized ADO I
Audil M. Lannker (India)	Retrieval of embolized PDA device in a 5kg infant - A nightmare in cath lab
Worakan Promphan (Thailand)	How to deal with residual shunt
Hideshi Tomita (Japan)	Aortic and pulmonary obstruction
Hasri Samion (Malaysia)	Complications in my practice
Amal El Sisi (Egypt)	Late complications

Lunch session 1: Function Room 1

COMPETITION FOR YOUNG INTERVENTIONISTS NEW PROCEDURES IN INTERVENTIONS OF CONGENITAL HEART DISEASE

Referees: Mario Carminati, Oliver Stumper, Sukman Putra, Pornthep Lertsapcharoen, Hasri Samion, Maiy El Sayed, Jung-Sun Kim, Kenji Suda

Thailand	Jirayut Jarutach (8')
Vietnam	Le Nguyen Phu Qui (8')
Indonesia	Rizky Adriannsyah (8')
Chinese Taipei	Chun-An Chen (8')
Malaysia	Ooi Yinn Khurn (8')
Korea	Lucy Eun (8')
Japan	Takanari Fujji (8')
Philippines	Jethro Macallan (8')
India	Rajesh Kumar (8')
Nepal	Manish Shrestha (8')
Pakistan	Asif Rehman (8')

14.30 – 16.00 Ballroom

Session 7: PDA CLOSURE IN SPECIAL HEMODYNAMICS

Moderators: Kothandam Sivakumar, Martin Schneider, Masood Sadiq

Panelists: Joaquim Miro, Sivakumar Sivalingam, Mulyadi Djer

Eustaquio Onorato (Italy)	Management strategy for PDA and PAH (8')
Teiji Akagi (Japan)	Device selection for PDA closure in pulmonary hypertension (8')
Behzad Alizadeh (Iran)	Special considerations in PDA closure for elderly patients (8')
Marhisham Che Mood (Malaysia)	Borderline cases (8')
Hideshi Tomita (Japan)	Huge PDA (8')
Sivakumar Sivalingam (Malaysia)	When interventionists should go away (8')

Live case:

Taichung Veterans General Hospital-Chinese Taipei: Yun-Ching Fu

Siriraj Hospital- Bangkok, Thailand: Kritvikrom Durongpisitkul, Jarupim Soongswang,

Children's Hospital 1: Do Nguyen Tin, Koh Ghee Tiong, Pham Cong Nhut

16.00- 16.30: Coffee break

16.30– 18.00

SESSION 8: PDA CLOSURE WITH SPECIAL DEVICES

Moderators: Mario Carminati, Pornthep Lertsapcharoen, Rohit Manoj

Panelist: Edwin Francis, Neeraj Awasthi, Cao Viet Tung

Kothandam Sivakumar (India)	Modified devices: advantages and disadvantages (8')
Masood Sadiq (Pakistan)	Different devices for large PDA (8')
Hasri Samion (Malaysia)	Long shank PDA Occlutech device (8')
Martin Schneider (Germany)	Vascular plug (8')
Nageswara Rao (India)	MFO (8')
Parag Barwad (India)	Variety of intervention in difficult anatomy (8')

Live case:

Taichung Veterans General Hospital-Chinese Taipei: Yun-Ching Fu

Siriraj Hospital- Bangkok, Thailand: Kritvikrom Durongpisitkul, Jarupim Soongswang,

Children's Hospital 1: Do Nguyen Tin, Jonas Del Rosario, Nguyen Minh Tri Viet

Function room 1

14.30 – 16.00

Master class: PDA closure for preterm babies

Moderator: Sir Shakeel Qureshi, Zahid Amin, Jou-Kou Wang

Panelist: Jin-Young Song, Jieh-Neng Wang, Hisashi Sugiyama

Live case from:

Taichung Veterans General Hospital-Chinese Taipei: Yun-Ching Fu

Children's Hospital 1- Vietnam: Do Nguyen Tin, Lin-Ming Tai, Tran Cong Bao Phung

Zahid Amin (US)	Piccolo in preterm babies: updates
Jieh-Neng Wang (Chinese Taipei)	Step-by-step in PDA closure
Lee Benson (Canada)	Practical problems in PDA closure
Sung-Hae Kim (Japan)	PDA closure for preterm babies under 1000g
Lin-Ming Tai (Chinese Taipei)	How to prevent and deal with complications
Marhisham Che Mood Bin (Malaysia)	PDA closure for preterm babies: experience from my center

16.30 – 18.00

Masterclass: step-by-step of PDA stenting

Moderator: Lee Benson, Chetan Mehta, Rasha Ammar, Jou-Kou Wang

Panelist: Nageawara Rao, Dexter Cheng, Indriwanto Sakidjan, Chen-Fu Huang

Live case from:

Siriraj Hospital- Bangkok, Thailand: Kritvikrom Durongpisitkul, Jarupim Soongswang,

Children's Hospital 1: Do Nguyen Tin, Rahmat Budi, Akio Kato

S Yen Ho (UK)	Morphology for stenting on specimens
Haifa Abdul Latif (Malaysia)	Morphology for PDA stenting on cardiac imaging
Harikrishnan K N Kurup (India)	Access determinants and dealing with surprises
Rasha Ammar (Egypt)	Step-by-step of PDA stenting
Pimpak Prachasilchai (Thailand)	Dealing with complications
Nageswara Rao (India)	PDA stenting in the presence of branch PA stenosis
Jieh-Neng Wang (Chinese Taipei)	Post-stenting management in ICU

Function room 2

14.00 – 16.00

MORPHOLOGY OF RVOT FOR PULMONARY VALVE IMPLANTATION

Moderators: Sir Shakeel Qureshi, Alison Cabalka, John Thomson, Gi-Beom Kim, Worakan Promphan, Hasri Samion

Dora Wong (Hong Kong)	RV and RVOT in before correction of Fallot
Worakan Promphan (Thailand)	RV and RVOT in post-operative Fallot with native valve
Hisashi Sugiyama (Japan)	RVOT in post-operative Fallot with conduit
Phuoc Duong (UK)	Morphology for PPVI: which is suitable, which is not
Gi-Beom Kim (Korea)	Morphology for Pulsta pulmonary valve implantation
John Thomson (UK)	Morphology for Venus pulmonary valve implantation
Jae-Young Choi (Korea)	Morphology for Melody and Harmony valve implantation
Teiji Akagi (Japan)	Morphology for Sapien pulmonary valve implantation
Sir Shakeel Qureshi (UK)	Morphology related to complications

16.00- 16.30: coffee break

16.30 – 18.00

Focus on AFR in my practice

Moderators: Lee Benson, Kothandam Sivakumar, Joseph Vettukattil, Dietmar Schranz, Teguh Santoso, Parag Barwad

Kothandam Sivakumar (India)	AFR for Heart Failure
Ahmet Celebi (Turkey)	AFR for pulmonary hypertension
Amal El Sisi (Egypt)	AFR in Fontan circulation
Supaporn Roymanee (Thailand)	My first AFR case
Teguh Santoso (Indonesia)	AFR in my center
Teiji Akagi (Japan)	Interventions for Pulmonary hypertension
Dietmar Schranz (Germany)	Creating a new Potts shunt
Kothandam Sivakumar (India)	LPA- LA connection for failing Fontan

19.30 – 22.30: Gala Dinner



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Day 3: January 19th, 2024

PDA stenting

7.00 – 8.00 Abstract presentation

Screen 1

Moderator: Oliver Stumper, Joseph Vettukattil

Screen 2

Moderator: Teiji Akagi, Worakan Promphan

8.00 - 10.00 SESSION 9:

PDA STENTING IN DUCT-DEPENDENT PULMONARY CIRCULATION

Moderators: Shakeel Qureshi, Mario Carminati, Worakan Promphan

Panelist: Ahmet Celebi, Khin Maung Oo, Sung-Hae Kim

Maiy El-Sayed (Egypt)	Vertical, tortuous PDA
Zahid Amin (US)	Closed PDA
Worakan Promphan (Thailand)	How to deal with branch pulmonary artery stenosis
Ahmet Celebi (Turkey)	Bilateral PDA
Amal Elsisy (Egypt)	Vascular approach
Chetan Mehta (UK)	Post-stenting management: overshunting, in-stent thrombosis

Live cases from:

Children's Hospital 1: Do Nguyen Tin, Zahid Amin,

Tam Anh Hospital: Vu Nang Phuc, Dietmar Schranz, Hidehiko Hara

10.00- 10.30 Coffee break

10.30 – 12.30 Session 10

PDA STENTING IN DUCT-DEPENDENT SYSTEMIC CIRCULATION

Moderators: Shakeel Qureshi, Gareth Morgan, Hidehiko Hara

Panelists: Yashu Coe, Ghee Tiong Koh, Amal El Sisi

Gareth Morgan (US)	PDA stenting in HLHS, critical coarctation, interrupted aortic arch
Leong Ming Chen (Malaysia)	TGA for LV volume and pressure training
Allison Cabalka (US)	Non-ductal reverse Pott's shunt
Dietmar Schranz (Germany)	Interplay of Pulmonary Flow Restrictors and PDA
Mazeni Alwi (Malaysia)	PDA stenting in PA-IVS: when and how?

Live cases from:

Children's Hospital 1: Do Nguyen Tin, Ahmet Celebi, Huynh Ngoc Thien

Tam Anh Hospital: Vu Nang Phuc, Kevin Walsh

12.30- 12.45: Closing remark

Parallel session: Function Room

FETAL ECHOCARDIOGRAPHY COURSE – 1 day (19/01/2024)

Target Audience: Obstetricians, Radiologists, Pediatric Cardiologists

SESSION 1: Basics of Fetal echocardiography

9:00-9:20: *Summarize and update ISOUG and ASE guidelines on fetal echocardiography 2023* – Do Thi

Cam Giang

9:20 – 10:00 *Live Demo – Normal fetal heart*

Hands-on training of screening fetal heart views (first 25-30 delegates)

10:00 – 10:20: Genetic aspects of CHD – Le Kim Tuyen

10:20 – 10:40: First Trimester Fetal Echocardiography: Is there a role? – Gurleen Sharland

SESSION 2: Critical heart defect in the fetus

11:00 – 11:20 *Predicting the future: Will the fetus be sick in the Delivery Room?* – Adam Kolesnik

11:20 – 11:40 *CHD related to duct-dependent pulmonary circulation: from imaging to prognosis* – Satoshi Yasukochi

11:40 – 12:00 *Live Demo – PA-IVS/ PA – VSD*

12:00 -12:20 *CHD related to PDA dependent systemic circulation: from imaging to prognosis* – Putri Yubbu/Haifa Abdul Latif

12:20 – 13:00 *CHD related duct- dependent mixed circulation: from imaging to prognosis* – Gurleen Sharland

13:00 – 13:30 *Live Demo – HLHS/ DTGA*

13:30 – 13:50 *Borderline left ventricle or not?* – Gurleen Sharland

13:50 – 14.10 *Predicting the Future: Can this be a two-ventricle repair in complex CHDs ?* –Satoshi Yasukochi

SESSION 3: Fetal Cardiac Therapeutics

14:30 – 14:50 *Fetal tachycardia: management updated* - Boekhren/Haifa Abdul Latif

14:50 – 15:10 *Fetal Heart Failure: mechanisms, assessment and management* – Adam Kolesnik

15:10 – 15:30 *Fetal Ductal Constriction: etiology, assessment and management* – Le Minh Khoi

SESSION 4: Audience Interaction, Q & A session (30 minutes)