THE CONGRESS OF CONGENITAL HEART DISEASE
LEFT HEART INTERVENTIONS from A to Z
Ho Chi Minh City, January 13th - 15th, 2016

SCIENTIFIC PROGRAM
PRE-CONGRESS
Advanced CHD Hands-on Workshop
Course directors: Zahid Amin, Joaquim Miro, Bharat Dalvi, Kevin Walsh, Nina Wunderlich, S. Yen Ho

Date: Jan 11th, 2016
Venue: Children’s Hospital 1

ADVANCED CHD HANDS-ON WORKSHOP
TRANSCATHETER CLOSURE OF VSD (Day 1)

9.00 – 12.00: Morning session

Live case 1 from Catheter lab

S. Yen Ho (UK)  |  Morphology of VSD
Nina Wunderlich (Germany)  |  When we use TTE and when we use TEE?
Zahid Amin (US)  |  Correlates of echocardiographic imaging with fluoroscopic/ angiographic imaging

Live case 2 from Catheter lab
How would you close this VSD: learning from experts

Case 1: Case presentation: Zahid Amin (US); Questioned by Bharat Dalvi (India)
Case 2: Case presentation: Kevin Walsh (Ireland); Questioned by Joaquim Miro (Canada)

Live case 3 from Catheter lab

12.00- 13.00 Lunch time

13.00- 16.00: Afternoon session

Live case 4 from Catheter lab

Bharat Dalvi (India)  |  Matching types of devices to types of defects: why should we match?
Kevin Walsh (Ireland)  |  How to manage complications: during and after the procedure?
Joaquim Miro (Canada)  |  Update on devices: what else beside VSD II Occluder?

Live case 5 from Catheter lab
Case presentations: Rahim Wong, Martin Wong, Rahmat Budi, Tran Cong Bao Phung, Nagasri Haritha
Date: Jan 12th, 2016
Venue: Children’s Hospital 1

ADVANCED CHD HANDS-ON WORKSHOP
TRANSCATHETER CLOSURE OF ASD (Day 2)

9.00 – 13.00

**Live case 1 from Catheter lab**

- S. Yen Ho (UK)  |  Morphological aspects relevant to ASD closure
- Nina Wunderlich (Germany) | Echocardiographic imaging of ASDs: 2D vs 3D imaging
- Zahid Amin (US)  |  Interventional perspective of echo anatomy and its implication for device closure

**Live case 2 from Catheter lab**

- Bharat Dalvi (India)  |  Tips and tricks: ASD closure for large ASDs
- Kevin Walsh (Ireland)  |  Tips and tricks: ASD closure for small patients: when to do and not to do
- Joaquim Miro (Canada)  |  Tips and tricks: ASD closure for deficient rims: different techniques for different rim deficiencies

**Live case 3 from Catheter lab**

Closing remarks
PRE-Congress
From Cardiac Morphology to Cardiac Imaging

Date: January 11th, 2016 (13:00 - 16:00)

13:00-13:30: Morphology of Tetralogy of Fallot.
   S. Yen Ho.

13:30-14:00: What do the echocardiographers do for operation of TOF?
   Nina Wunderlich.

14:00-14:15: Questions and Answers.

14:15-14:30: Tea break

14:30-15:00: Morphology of double outlet right ventricle.
   S. Yen Ho.

15:00-15:30: Pre- and Postoperative Echocardiographic evaluation in Double outlet right ventricle.
   Nina Wunderlich.

15:30-16:00: Questions and Answers.

Date: January 12th, 2016 (13:00 - 16:00)

13:00-13:30: Morphology of Single Ventricle
   S. Yen Ho.

13:30-14:00: Role of Echocardiography in treatment of Single Ventricle?
   Satoshii Yasukochi

14:00-14:15: Questions and Answers.

14:15-14:30: Tea break

14:30-15:00: Morphology of Transposition of Great Arteries.
   Adam Koleski

15:00-15:30: Role of Echocardiography in indication of surgery for TGA patients.
   Haifa Abdul Latiff

15:30-16:00: Questions and Answers.
PRE-Congress

Psychometric Tests for Better Communication Workshop

Chairperson: Prof. Ahmed El Demellawy, Prof. Mohammed Omar Galal

Date: Jan 12, 2015

Venue: Library, Children’s Hospital 1

9:00 - 9:20  Communication, the content and the style, the 5 communication styles

  Prof. Ahmed El Demellawy

9:20 - 9:50  Communication styles map

  Prof. Mohammed Omar Galal

9:50 - 10:20 Interpretation of the communication style maps

  Prof. Ahmed El Demellawy

10:20 - 11:00 Examples of communication style maps (Preferably the communication style maps of the attendants)

  Prof. Mohammed Omar Galal

11:00 11:30  Managing and cooperating with different communication style maps

  Prof. Ahmed El Demellawy

11:30 - 12:00 Applying communication style maps in work health environment.

  Prof. Mohammed Omar Galal
DAY 1: Wednesday, January 13th, 2016

ADVANCE TIPS AND TRICKS IN INTERVENTION OF CONGENITAL HEART DISEASE

7.00 – 16.00 | Registration

8.00 – 8.05

OPENING SESSION

Vu Minh Phuc (Vietnam) | Welcome and Introduction
Tang Chi Thuong (Vietnam)
Trong-Phi Le (Germany)

8.05 - 8.15

Vu Minh Phuc (Vietnam) | Review of all live cases from the last meeting
ADVANCE TIPS AND TRICKS IN INTERVENTION OF CONGENITAL HEART DISEASE

8.15 – 10.15

SESSION 1: TIPS AND TRICKS IN ASD CLOSURE

Chairpersons: Neil Wilson, Omar Galal, Bharat Dalvi

Kevin Walsh (Ireland) | How to deal with small LA in ASD closure (10’)
Zahid Amin (US) | How to deal with deficient rims during ASD closure (10’)
Joseph DeGiovanni (UK) | How to deal with small patients in ASD closure: what are the risk factors (10’)
Teiji Akagi (Japan) | How to deal with mal-aligned atrial septum in ASD closure (10’)
Nguyen Lan Hieu (Vietnam) | Fluoroscopic evaluation in ASD closure (10’)

Live cases from:
- Children Hospital 1, Ho Chi Minh City
- Hanoi Medical University
- Queen Sirikit National Institute of Child Health, Bangkok, Thailand

Panelists: Prafulla Kerkar, Satoshi Yasukochi, Jin-Young Song

Live case 1: ASD closure at Children Hospital 1, Ho Chi Minh City
Operators: Hans-Reiner Figulla, Indriwanto Sakidjan, Nguyen Ba Trieu, Do Nguyen Tin
Echo: Nina Wunderlich

Live case 2: ASD closure at Ha Noi Medical University Hospital
Operators: Nguyen Lan Hieu, YY Lam, Hidehiko Hara

Live case 3: Coarctation at Queen Sirikit National Institute Of Child Health, Bangkok, Thailand
Operators: Thanarat Layangool, Supaporn Roymanee, Panthip Pattarakunwiwat
Echo: Nakharin Tonklang

10.15 - 10.30 Coffee break
10.30 - 12.30

**SESSION 2: TIPS AND TRICKS IN VSD CLOSURE**

**Chairpersons:** Neil Wilson, Kevin Walsh, Mazeni Alwi

- **Bharat Dalvi** (India)  |  Crossing the defect: which technique is the best (10’)
- **Kevin Walsh** (Ireland) |  How to deal with AV block? (10’)
- **Joaquim Miro** (Canada) |  Tricuspid valve entanglement by AV loop, long sheath, device: where, when and how to avoid? (10’)
- **Mario Carminati** (Italy) |  Route selection in closure of muscular VSDs (10’)
- **Nageswara Rao** (India) |  Special techniques for deploying the device: where, when and how? (10’)

**Live cases from:**
- Children Hospital 1, HCMC
- Hanoi Medical University
- Queen Sirikit National Institute of Child Health, Bangkok, Thailand

**Panelists:** Sukman Putra, Kritvikrom Durongpisitkul, Tevfik Karagoz

**Live case 4:** VSD closure at Children Hospital 1, Ho Chi Minh City  
Operators: Trong-Phi Le, Rahmat Budi, Cao Viet Tung, Do Nguyen Tin  
Echo: Nina Wunderlich, Phan Tien Loi

**Live case 5:** VSD closure at Hanoi Medical University Hospital  
Operators: Nguyen Lan Hieu, YY Lam, Hidehiko Hara

**Live case 6:** VSD closure at Queen Sirikit National Institute of Child Health, Bangkok, Thailand  
Operators: Worakan Promphan, Prakul Chanthong, Pimpak Prachasilchai  
Echo: Thanarat Layangool
12.30 – 14.00

LUNCH SESSION

LUNCH SESSION 1

Ballroom

MASTER CLASS WITH MARIO CARMINATI

ASD closure: a challenging case

*Panelist: Masood Sadiq, JB Vijayalakshmi, Hideshi Tomita*

*Live case:* ASD Closure at Children Hospital 1, Ho Chi Minh City
*Operators:* Bharat Dalvi, Mulyadi M Djer, Do Nguyen Tin
*Echo:* Nina Wunderlich, Phan Tien Loi

*Lectures: East meets West*

Jae-Young Choi (Korea) and Zahid Amin (US) | ASD closure for large defects (20’)
Teiji Akagi (Japan) and Nikolaus Haas (Germany) | PFO closure (20’)

LUNCH SESSION 2

Function Room

CHALLENGING CASES WITH NEIL WILSON

*Panelist: Jing-Ming Wu, Mazeni Alwi, Jarupim Soongswang*

Neil Wilson (US) | Pulmonary atresia intact septum (8’)
Trong-Phi Le (Germany) | Re-activation of “absent” pulmonary arteries
Ender Odemis (Turkey) | Pulmonary valvuloplasty (8’)
Khin Maung Oo (Myanmar) | PDA closure in pulmonary hypertension (8’)
Hasri Samion (Malaysia) | PDA stenting in PA-IVS (8’)
Kritvikrom Durongpisitkul (Thailand) | ASD closure in small baby (8’)
Avraham Lorber (Israel) | Challenges with trans-catheter closure of ASDs (8’)
Nagasri Haritha (India) | VSD closure (8’)
Martin Wong (Malaysia) | VSD closure with complicated aneurysm (8’)
Hishasi Sugiyama (Japan) | Coronary artery fistula (8’)


14.15 – 16.00

SESSION 3: TIPS AND TRICKS IN PDA CLOSURE

Chairpersons: Zahid Amin, Mario Carminati, Bharat Dalvi

Neil Wilson (US) Tips and tricks: PDA closure in small babies (10’)
Hideshi Tomita (Japan) Tips and tricks: PDA closure in huge PDAs (10’)
Masood Sadiq (Pakistan) Tips and tricks: PDA closure in pulmonary hypertension (10’)
I.B. Vijayalakshmi (India) How to use modified devices in PDA closure (10’)

Live cases from: - Children Hospital 1, HCMC
- Hanoi Medical University
- Queen Sirikit National Institute Of Child Health, Bangkok, Thailand

Panelists: Joaquim Miro, Maï H.El Sayed, Jou-Kou Wang

Live case 7: PDA closure in small baby at Children Hospital 1, Ho Chi Minh City
Operators: Kevin Walsh, Le Hong Quang, Do Nguyen Tin

Live case 8: PDA closure with PAH at Ha Noi Medical University Hospital
Operators: Nguyen Lan Hieu, YY Lam, Hidehiko Hara

Live case 9: TPVI in Queen Sirikit National Institute Of Child Health, Bangkok, Thailand
Operators: Shakeel A. Qureshi, Worakan Promphan, Pimpak Prachasilchai

16.00 – 16.15 Coffee break
SESSION 4: TIPS AND TRICKS IN RETRIEVING FOREIGN BODIES

Chairpersons: Horst Sievert, Nikolaus Haas, Martin Schneider

Joseph DeGiovani (UK) | What equipment should be prepared for retrieving foreign bodies (10’)
Hasri Samion (Malaysia) | Tips and tricks: retrieving embolized devices? (10’)
Tevfik Karagoz (Turkey) | Tips and tricks: retrieving coils? (10’)
Hans-Reiner Figulla (Germany) | Tips and tricks: retrieving the embolised stents (10’)
Avraham Lorber (Israel) | Tips and tricks: retrieving foreign bodies: guide wire, catheter fragments…? (10’)

Live cases from:
- Children Hospital 1, HCMC
- Hanoi Medical University
- Queen Sirikit National Institute Of Child Health, Bangkok, Thailand

Panelists: Avraham Lorber, Ahmet Celebi, Kothandam Sivakumar

Live case 7: PDA stenting at Children Hospital 1, Ho Chi Minh City
Operators: Jae-Young Choi, Huynh Ngoc Thien, Do Nguyen Tin

Live case 8: Coronary fistula at Ha Noi Medical University Hospital
Operators: Nguyen Lan Hieu, YY Lam, Hidehiko Hara

Live case 9: PDA at Queen Sirikit National Institute Of Child Health, Bangkok, Thailand
Operators: Worakan Promphan, Pimpak Prachasilchai

19.00 – 22.00  Occlutech’s Social Dinner
10.00 – 16.30   Function Room

PARALLEL SESSION 1

Fetal Echocardiography Course

Course Directors: Gurleen Sharland, Pham Nguyen Vinh, Adam Kolesnik, Haifa Abdul Latiff, Balu Vaidyanathan, Nguyen Kim Tuyen, Do Thi Cam Giang

9.00 - 9.30   Special lecture
Gurleen Sharland (UK)  Review of important features of normal fetal heart examination

9.30 – 10.30

Session 1: Abnormalities seen in the four-chamber view

Adam Kolesnik (Poland)  Hypoplastic left heart syndrome and variants and critical AS
Gurleen Sharland (UK)  Pulmonary atresia with intact IVS and critical PS
Haifa Abdul Latiff (Malaysia)  Tricuspid atresia, Ebstein’s anomaly and tricuspid valve dysplasia
Saileela (India)  Fetal aortic valvotomy

10.30 -11.30   Live demonstration

11:30 - 12:30

Session 2: Great artery abnormalities

Le Kim Tuyen (Vietnam)  Transposition of the great arteries
Haifa Abdul Latiff (Malaysia)  Tetralogy of Fallot and Pulmonary atresia with VSD
Adam Kolesnik (Poland)  Common arterial trunk

12.30-13.30   Lunch break

13.30-14:30

Session 3: Aortic arch abnormalities

Gurleen Sharland (UK)  Coarctation and interrupted aortic arch
Adam Kolesnik (Poland)  Abnormalities of aortic arch: right aortic arch, double aortic arch and aberrant right subclavian artery
Khalid Sulaiman Al Najashi (Saudi Arabia)  Intra-uterine Balloon Aortic Valvuloplasty

14:30-16.00   Live demonstration

16.00-16.30   Quiz and closing remarks
**PARALLEL SESSION 2**

**PFO CLOSURE: EAST MEETS WEST**

**Chairpersons:** Nikolaus Haas, Teiji Akagi, Jung-Sun Kim

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<td>S. Yen Ho (UK)</td>
<td>Morphology of PFO for device closure (10’)</td>
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<td>Nina Wunderlich (Germany)</td>
<td>Imaging before, during, and after PFO closure (10’)</td>
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<td>Suresh PV (India)</td>
<td>Experience from India (10’)</td>
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<td>Olaf Frazen (Denmark)</td>
<td>Experience from Denmark (10’)</td>
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<td>Teiji Akagi (Japan)</td>
<td>Experience from Japan (10’)</td>
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<td>Pham Manh Hung (Vietnam)</td>
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<td>Mann Chandavimol (Thailand)</td>
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<td>Jung-Sun Kim (Korea)</td>
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<td>Hans-Reiner Figulla (Germany)</td>
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<td>Jou-Kou Wang (Taiwan)</td>
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<td>Kevin Walsh (Ireland)</td>
<td>Experience from Ireland (10’)</td>
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<td>Ahmet Celebi (Turkey)</td>
<td>Experience from Turkey (10’)</td>
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Day 2: January 14th, 2016

LEFT HEART INTERVENTION FROM A TO Z

8.00 - 10.00 SESSION 5: ABOVE MITRAL VALVE

Chairpersons: Neil Wilson, Zahid Amin, Trong-Phi Le

Kevin Walsh (Ireland) | Atrial septal puncture in pediatric patients and post Senning/ Mustard operation (10’)
Joseph DeGiovanni (UK) | LA access in different types of Fontan (10’)
Martin Schneider (Germany) | Inter-atrial stenting in HLHS (10’)
Gareth Morgan (UK) | Pulmonary vein stenosis: A job creation scheme. The gift that keeps on giving (10’)
Dietmar Schranz (Germany) | Congenital mitral inflow obstruction: Cor triatriatum, supravalvar ring: Is there an interventional solution? (10’)

Live cases
- Children Hospital 1, Ho Chi Minh City
- Medical University Hospital of Ho Chi Minh City
- Ha Noi Medical University Hospital

Panelists: Dietmar Schranz, Pornthep Lertsapcharoen, Hishasi Sugiyama

Live case 13: Pulmonary vein stenosis at Children Hospital 1, Ho Chi Minh City
Operators: Bharat Dalvi, Jieh-Neng Wang, Do Nguyen Tin,

Live case 14: Closure of fenestration at Medical University Hospital of Ho Chi Minh City
Operators: Nikolaus Haas, Cao Viet Tung, Nguyen Ba Trieu, Le Minh Khoi

Live case 15: LAA closure at Ha Noi Medical University Hospital
Operators: Nguyen Lan Hieu, YY Lam, Hidehiko Hara

10.00 – 10.15 Coffee Break
SESSION 6: MITRAL VALVE INTERVENTION

Chairpersons: Horst Sievert, Shakeel Qureshi, Rajesh Sharma

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<thead>
<tr>
<th>Chairperson/Location</th>
<th>Topic</th>
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<tbody>
<tr>
<td>Pham Manh Hung (Vietnam)</td>
<td>PTMC in rheumatic patients (8’)</td>
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<tr>
<td>Horst Sievert (Germany)</td>
<td>Mitral regurgitation: Leaflet clip / suture vs ring reduction why not both? (8’)</td>
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<tr>
<td>Hans-Reiner Figulla (Germany)</td>
<td>New percutaneous technology in mitral valve disease (8’)</td>
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<tr>
<td>Mario Carminati (Italy)</td>
<td>Melody valve implantation for mitral valve replacement in children (8’)</td>
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<tr>
<td>Gareth Morgan (UK)</td>
<td>Hybrid mitral valve-in-valve for congenital mitral regurgitation (8’)</td>
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<tr>
<td>Noritaka Ota (Japan)</td>
<td>Mitral valve repair: learn from the surgeons (8’)</td>
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Live cases from
- Children Hospital 1, Ho Chi Minh City
- Medical University of Ho Chi Minh City
- Ha Noi Medical University Hospital

Panelists: Teiji Akagi, Young-Hwue Kim, Do Quang Huan

Live case 16: Intervention of Cor triatriatum at Children Hospital 1, Ho Chi Minh City
Operators: Nageswara Rao, Jonas Del Rosario, Do Nguyen Tin, Le Hong Quang

Live case 17: Aortic valvar stenosis at Medical University Hospital of Ho Chi Minh City
Operators: Joaquim Miro, Jou-Kou Wang, Le Minh Khoi, Nguyen Ba Trieu

Live case 18: PTMC at Ha Noi Medical University Hospital
Operators: Nguyen Lan Hieu, YY Lam, Hara Hidehiko
LUNCH SESSION

LUNCH SESSION 1

Ballroom

MASTER CLASS WITH NEIL WILSON

PDA CLOSURE: Challenging case

*Panelist: Jou-Kou Wang, Thanarat Layangool, Suresh PV*

Live case 1: PDA closure at Children Hospital 1, Ho Chi Minh City
Operators: Mazeni Alwi, Kumiyo Matsuo, Do Nguyen Tin

Live case 2: PDA closure at Medical University Hospital 1, Ho Chi Minh City
Operators: Hasri Samion, Le Minh Khoi, Cao Vet Tung

Lectures: East meets West

- Nageswara Rao (India) and Martin Schneider (Germany) — PDA closure in hypertensive ducts (20’)
- Yun-Ching Fu (Taiwan) and Oliver Stumper (UK) — PDA closure in small babies (20’)

LUNCH SESSION 2

Function Room 1

INTERESTING CASES OF LEFT HEART INTERVENTION

With Shakeel Qureshi

*Panelist: Kai-Sheng Hseih, Joseph Vettukattil, Worakan Promphan*

- Rasha Ammar (Egypt) — Aortic valve stenosis (8’)
- Young-Hwue Kim (Korea) — Sinus of Valsalva rupture (8’)
- Maly H.El Sayed (Egypt) — Balloon mitral valvuloplasty using the double balloon technique (8’)
- Indriwanto Sakidjan (Indonesia) — Mitral valve balloononing in children (8’)
- Kothandam Sivakumar (India) — Paravalvar leak with LV approach (8’)
- Pimpak Prachasilchai (Thailand) — Left ventricular aneurysm (8’)
- Lucy Eun (Korea) — Coronary artery fistula (8’)
- Supaporn Roymane (Thailand) — Complex coarctation (8’)
- Hussain Ajiz (Pakistan) — Closure of AP window (8’)
- Atif Al Sahari (Saudi Arabia) — Different management of left ventricular aneurysm (8’)
- Lin-Fong Chen (Taiwan) — Intervention of cor triatriatum (8’)

(12.30 – 14.00)
14.15 – 15.45

SESSION 7: HYPOPLASTIC LEFT HEART SYNDROME

Chairpersons: Shakeel Qureshi, Omar Galal, Rajesh Sharma

Gurleen Sharland (UK)  Is fetal detection making an impact on mortality or morbidity? (8’)
Toshio Nakanishi (Japan)  Pre-intervention management? (8’)
Dietmar Schranz (Germany)  Hybrid approach for hypoplastic left heart syndrome (8’)
Nikolaus Haas (Germany)  Hybrid approach of intraoperative stenting of the arch in univentricular hearts (8’)
Krishna Iyer (India)  What we can learn from the surgeons for HLHS repair? (8’)

Live cases from  - Children Hospital 1, HCMC
  - Medical University of HCMC
  - Ha Noi Medical University Hospital

Panelists: Jae-Young Choi, Munish Tomar, Truong Quang Binh

Live case 19:  Critical coarctation in small baby at Children Hospital 1, Ho Chi Minh City
Operators: Oliver Stumper, Kritvikrom Durongpisitkul, Do Nguyen Tin

Live case 20:  Mid-aortic syndrome at Medical University Hospital of Ho Chi Minh City
Operators: Joseph DeGiovani, Satoshi Yasukochi, Nguyen Ba Trieu, Le Minh Khoi

Live case 21:  TAVI at Ha Noi Medical University Hospital
Operators: Nguyen Lan Hieu, Hara Hidehiko

15.45 – 16.00 Coffee break

16.00 – 16.45 Special session

Interview our expert: Neil Wilson
Interviewer: Shakeel Qureshi
### SESSION 8: AORTIC VALVE INTERVENTION

Chairpersons: Shakeel Qureshi, Kevin Walsh, Pham Nguyen Vinh

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<th>Topic</th>
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<tr>
<td>Gurleen Sarland (UK)</td>
<td>Antenatal detection and disease evolution of aortic stenosis (8’)</td>
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<tr>
<td>Adam Kolesnik (Poland)</td>
<td>Pathological morphology of the aortic valve (8’)</td>
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<tr>
<td>Nageswara Rao (India)</td>
<td>Critical aortic valve stenosis in newborn (8’)</td>
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<tr>
<td>Zahid Amin (US)</td>
<td>The valve: bicuspid, functionally bicuspid, or unicuspid? Does it matter? (8’)</td>
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<td>Masood Sadiq (Pakistan)</td>
<td>Access, balloon stability, tips for success (8’)</td>
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<tr>
<td>Neil Wilson (US)</td>
<td>Results: the good, the bad, the ugly (8’)</td>
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<tr>
<td>Sukman Putra (Indonesia)</td>
<td>Aortic valvar stenosis in rheumatic fever (8’)</td>
</tr>
</tbody>
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### Pros and cons: Aortic stenosis in children

- **Nikolaus Haas (Germany):** Balloon is better (10’)
- **Rajesh Sharma (India):** Surgery is better (10’
PARALLEL SESSION

Function room 1

10.00-12.00

LAA CLOSURE

Chairpersons: Nina Wunderlich, Olaf Franzen, Jung-Sun Kim

S. Yen Ho (UK)  
Nina Wunderlich (Germany)  
Antoine D'Hollander  
Ranjan Shetty (India)  
Olaf Franzen (Denmark)  
Jun Yoshimoto (Japan)  
Jung-Sun Kim (Korea)  
Mann Chandavimol (Thailand)  
Jung-Sun Kim (Korea)  
Yat-Yin Lam (Hong Kong)  
Jai-Wun Park (Germany)

<table>
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<th>Morphology of LAA for device closure (10’)</th>
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<td>Imaging before, during, and after LAA closure (10’)</td>
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<td>3D printing for LAA closure (10’)</td>
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<td>Indications and assessment of risks, challenges of the older patients (10’)</td>
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<td>Overview in LAA closure</td>
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<td>Atrial septal puncture for LAA closure (10’)</td>
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<td>Korean multi-center registry of LAA occlusion</td>
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<td>Watchman (10’)</td>
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<td>ACP (10’)</td>
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<td>Lifetech’s L’Ambre (10’)</td>
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<td>Occlutech device (10’)</td>
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PARALLEL SESSION

Function room 1

14.30- 16.30

AORTIC COACRTATION

Chairpersons: Joseph DeGiovanni, Martin Schneider, Kothandam Sivakumar

Joseph DeGiovanni (UK)          | Transverse aortic coarctation (10’)
Nikolaus Haas (Germany)          | Aortic coarctation in small baby (10’)
Edwin Francis (Kuwait)           | Critical aortic coarctation (10’)
Jarupim Soongswang (Thailand)    | Coarctation in children (10’)
Ahmet Celebi (Turkey)            | Interrupted aortic arch (10’)
Martin Schneider (Germany)       | Mid-aortic syndrome (10’)
Trong-Phi Le (Germany)           | Interventional treatment of lesions of abdominal aorta in Vietnam (10’)
Biswa Bhandopadyay (India)       | Takayasu’s arteritis (10’)
Tevfik Karagoz (Turkey)          | Post-operative coarctation (10’)
Rohit Manoj (India)              | Adult aortic coarctation (10’)

10.00 – 16.00

Function room 2

PRACTICE WITH SIMULATOR: ST JUDE MEDICAL

19.30 – 22.00  Gala Dinner for all Delegates
Day 3: January 15th, 2016

LEFT HEART INTERVENTION FROM A TO Z

8.00 - 10.00

SESSION 9: Above Aortic Valve Interventions
Chairpersons: Neil Wilson, Mario Carminati, Omar Galal

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<tr>
<td>Zahid Amin (US)</td>
<td>Sinus of Valsalva rupture: pitfalls in device closure (10’)</td>
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<td>Shakeel Qureshi (UK)</td>
<td>Updates in intervention of coronary fistulas (10’)</td>
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<td>Mario Carminati (Italy)</td>
<td>Intervention in AP window: Who, when and how? (10’)</td>
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<tr>
<td>Krishna Iyer (India)</td>
<td>The Ross and Ross-Konno operation in children (10’)</td>
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<tr>
<td>Rajesh Sharma (India)</td>
<td>Aortic aneurysm in children: when to intervene? (10’)</td>
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</tbody>
</table>

**Live cases from**
- Children Hospital 1, HCMC
- Medical University of HCMC

**Panelists:** Masood Sadiq, Jou-Kou Wang, Biswajith Bandhopadhyay

Live case 25: Coronary fistula at Children Hospital 1, Ho Chi Minh City
*Operators:* Satoshii Yasukochi, Supaporn Roymane, Do Nguyen Tin

Live case 26: LAA closure at Medical University Hospital of Ho Chi Minh City
*Operators:* Horst Sievert, Mann Chandavimol, Truong Quang Binh, Tran Hoa
*Echo:* Joseph Vettukattil

10.00 - 10.15 Coffee break
SESSION 10: AORTIC ARCH

Chairpersons: Shakeel Qureshi, Pham Nguyen Vinh, Kisaburo Sakamoto

Sharland Gurleen (UK)  Coarctation in fetal echocardiography and implications for delivery management (8’)
TH Goh (Australia)    Physiology of coarctation (8’)
Haifa Abdul Latiff (Malaysia) Cardiac imaging in aortic coarctation (8’)
Antoine D’Hollander    3D printing for aortic coarctation (8’)
Sivakumar K. (India) Rotational angiography for aortic coarctation (8’)
Kisaburo Sakamoto (Japan) Surgery for coarctation or interrupted aortic arch complex (8’)

Live cases from
- Children Hospital 1, Ho Chi Minh City
- Medical University Hospital, Ho Chi Minh City

Panelists: TH Goh, Rasha Ammar, Pham Manh Hung

Live case 27: Coarctation stenting at Children Hospital 1, Ho Chi Minh City
Operators: Mario Carminati, Thanarat Layangool, Do Nguyen Tin

Live case 28: TAVI at Medical University Hospital of Ho Chi Minh City
Operators: Horst Sievert, Truong Quang Binh, Vu Hoang Vu
Echo: Joseph Vettukattil
12.15 – 14.00  LUNCH SESSION

LUNCH SESSION 1 (BALLROOM)

MASTER CLASS WITH JOSEPH DEGIOVANNI

VSD closure: Difficult case

Panelist: Bharat Dalvi, Yun-Ching Fu, Sushil Azad

Live case 1: VSD closure from Children Hospital 1, Ho Chi Minh City
Operators: Kritvikrom Durongpisitkul, Cao Viet Tung, Do Nguyen Tin
Echo: Haifa Abdul Latiff

Live case 2: VSD closure from Medical University Hospital, Ho Chi Minh City
Operators: Trong-Phi Le, Nguyen Ba Trieu, Le Minh Khoi
Echo: Joseph Vettukattil

Lectures: East meets West

Jou-Kou Wang (Taiwan) and Mario Carminati (Italy)  Closure of muscular VSD (20')
Worakan Promphan (Thailand) and Joaquim Miro (Canada)  Closure of perimembranous VSD (20')

LUNCH SESSION 2 (Function Room 1)

Coarctation around the world with Shakeel Qureshi

Panelist: Ahmet Celebi, Hasri Samion, Yiu-Fai Cheung

Oliver Stumper (UK)  Case from UK (10')
TH Goh (Australia)  Case from Australia (10')
Ahmet Celebi (Turkey)  Case from Turkey (10')
Kothandam Sivakumar (India)  Case from India (10')
Pornthep Lertsapcharoen (Thailand)  Case from Thailand (10')
Mulyadi M Djer (Indonesia)  Case from Indonesia (10')
Marhisham Che Mood (Malaysia)  Case from Malaysia (10')
Jin-Young Song (Korea)  Case from Korea (10')
Maiz H.El Sayed (Egypt)  Fracture of a coarctation stent (10')
Hemant Nayak (India)  Case of Takayasu's arteritis (10')
SESSION 11: AORTIC COARCTATION

Chairpersons: Shakeel Qureshi, Joseph DeGiovanni, Sivakumar Sivalingam

Live cases from
- Children Hospital 1, Ho Chi Minh City
- Medical University Hospital of Ho Chi Minh City

Panelists: Kritvikrom Durongpisitkul, Jing-Ming Wu, Kalyansundaram

Live case 29: Coarctation stenting at Children Hospital 1, Ho Chi Minh City
Operators: Neil Wilson, Jou-Kou Wang, Rahmat Budi, Do Nguyen Tin

Live case 30: Sinus of Valsalva rupture closure at Medical University Hospital of Ho Chi Minh City
Operators: Zahid Amin, Jonas Del Rosario, Nguyen Ba Trieu, Le Minh Khoi

Pros and cons: Aortic coarctation in children: cath or cut
Cath: Oliver Stumper (UK) (10’)
Cut: Kisaburo Sakamoto (Japan) (10’)

15.30 – 15.45 Coffee break

15.45 – 17.15
SESSION 11: AORTIC COARCTATION (cont.)

Oliver Stumper (UK) | Aortic coarctation intervention in small babies (10’)
Kevin Walsh (Ireland) | Balloon and stent selection in coarctation (10’)
Martin Schneider (Germany) | The ‘growth stents”, bioabsorbable technology, drug eluting stents… We’re tired of waiting (10’)
Shakeel Qureshi (UK) | Complex stenoses in aortic coarctation (10’)
Mario Carminati (Italy) | Hybrid approach to treat complex aortic arch obstruction with aneurysm (10’)


**PARALLEL SESSION**

**Function Room 1**

10.00 – 12.00

**TAVI**

**Chairs: Hans-Reiner Figulla, Nina Wunderlich, Nguyen Lan Hieu**

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Topic</th>
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<tbody>
<tr>
<td>Hans-Reiner Figulla (Germany)</td>
<td>Evolution of technology: indications and what is available now (10’)</td>
</tr>
<tr>
<td>Nina Wunderlich (Germany)</td>
<td>Pre-procedural evaluation: importance of imaging (10’)</td>
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<tr>
<td>Olaf Franzen (Denmark)</td>
<td>Valve-in-valve and use in younger patients: are we moving in the right direction (10’)</td>
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<tr>
<td>Wacin Buddhari (Thailand)</td>
<td>Heart block, stroke, paravalve leak, major arterial disruption: Can we avoid major adverse events? (10’)</td>
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<tr>
<td>Nguyen Lan Hieu (Vietnam)</td>
<td>TAVI in developing countries (10’)</td>
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<tr>
<td>Hans-Reiner Figulla (Germany)</td>
<td>TAVR for aortic regurgitation: the next frontier in rheumatic heart disease (10’)</td>
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<tr>
<td>Ahmad Yousef (Egypt)</td>
<td>TAVI in bicuspid aortic valve (10’)</td>
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<tr>
<td>Jung-Sun Kim (Korea)</td>
<td>TAVI for severe aortic regurgitation and minimally calcified valve (10’)</td>
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<tr>
<td>Hidehiko Hara (Japan)</td>
<td>TAVI in Asian patients (10’)</td>
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PARALLEL SESSION

Function Room 1
14.30 – 16.30

HEART FAILURE IN LEFT HEART DISEASES
Moderators: Pham Nguyen Vinh, Dietmar Schranz, Jesper Reimers

Lucy Eun (Korea) | Evaluation of left heart function in children beyond EF (10’)
Haifa Abdul Latiff (Malaysia) | New weapons for evaluation of left heart function in children: CT, MRI, angiography (10’)
Casey Culbertson (US) | Heart function after single ventricle repair (10’)
Nikolaus Haas (Germany) | Pharmacologic stress testing of so called mild coarctation (10’)
Dietmar Schranz (Germany) | Creation of an inter-atrial shunt as a diagnostic and therapeutic tool in diastolic heart failure (10’)
Joseph Vettukattil (US) | Left heart devices: volume reduction, pump assist (10’)
Nina Wunderlich (Germany) | Left ventricular volume reduction with the Bioventrix device in CHF patients-impacts on MV geometry (8’)
Hans-Reiner Figulla (Germany) | Atrial flow regulator in heart failure with persistent Ejection fraction (10’)
Yiu-Fai Cheung (Hongkong) | Arterial and ventricular function long-term after interventions for aortic coarctation (10’)
Amal El Sisi (Egypt) | Left heart function in critical AS after balloon dilation (10’)

Function Room 2
10.00 – 16.00

PRACTICE WITH VALVE: VENUS VALVE

17.15- 17.30 Closing remarks: Vu Minh Phuc
Jan 16, 2016
Social event: Special tour for Faculty