

**THE CONGRESS OF CONGENITAL HEART DISEASES**  
**VENTRICULAR SEPTAL DEFECT from A to Z**  
Ho Chi Minh City 9<sup>th</sup> -11<sup>th</sup> Jan 2013

**FINAL SCIENTIFIC PROGRAM**

Day 1: Jan 9, 2013

**PRE-CONGRESS**  
**NEW ADVANCED TECHNOLOGIES IN INTERVENTION OF CONGENITAL AND  
STRUCTURAL HEART DISEASES**

7.00 am- 16 pm | Registration

**8.00 – 8.15: Opening speech**

Vu Minh Phuc  
Nguyen Lan Hieu | Welcome and Introduction

**MORNING SESSION**

**Chairman: Lee Benson, Shakeel Qureshi, Omar Galal**

**8.15- 8.30:**

Lee Benson (Canada) | Interventions in Congenital and Structural Heart Diseases: Who Drives New  
Techniques and Devices?

**8.30 – 9.30: Live case from Children Hospital and Heart Institute**

**Panelists: Do Quang Huan, Akagi Teiji**

*Live case 1: Transcatheter PDA Closure with ADO II AS*

- *Hospital: Children Hospital*
- *Operators: Neil Wilson, Do Nguyen Tin, Bui Gio An*

*Live case 2: Transcatheter ASD closure with Flex II*

- *Hospital: HEART INSTITUTE*
- *Operators: Hans Reiner Figulla, Huynh Ngoc Thien, Pham Duc Dat*
- *Echo: Haifa Abdul Latiff, Phan Tien Loi*

### 9.30 – 10.30: Pulmonary intervention Session

Shakeel Qureshi (UK)	Transcatheter Pulmonary Valve Implantation: Who, When And How?
Lee Benson (Canada)	RVOT Stenting: Who, When and How?
Jae Young Choi (Korea)	Stenting Peripheral Pulmonary Artery: Who, When And How?
Mansour Al-Mutairi (Arabia Saudi)	Pulmonary Atresia with Intact IVS: Which Procedure is Reasonable?

### 10.30– 11.30 Live case from Children Hospital and Heart Institute Panelists: Vo Thanh Nhan, Jou- Kou Wang

*Live case 3: Transcatheter PDA Closure with PDA-R*

- *Hospital: Children Hospital*
- *Operators: Rainer Kozlik Feldmann, Nguyen Minh Tri Viet, Phan Thanh Tho*

*Live case 4: Coarctation stenting*

- *Hospital: Heart Institute*
- *Operators: Joseph De Giovanni, Huynh Ngoc Long, Nguyen Trung Quoc*

### 11.30- 12.30: Aortic Intervention Session

TH Goh (Australia)	Coarctation: Covered Stent Or Bare Stent: When And How?
Rasha Ammar (Egypt)	Intervention of Aortic Valvar Stenosis: Tips and Tricks
Horst Sievert (Germany)	Transcatheter Aortic Valve Implantation (TAVI): When And How?
Hans Reiner Figulla (Germany)	Perventricular Aortic Valve Implantation with Jenavalve

## 12.30- 14.00: **Lunch session**

### **Room 1: Pulmonary hypertension: basic science and advanced therapies.**

**Chairman: *Pham Nguyen Vinh, Casey Culbertson, Teiji Akagi, Vu Minh Phuc***

Supaporn Roymanee (Thailand)	Right Heart Catheterization in PAH: When and How?
Pham Nguyen Vinh (Vietnam)	Therapeutics in PAH: New Evidences and Guidelines?
Teiji Akagi (Japan)	Combination Therapies: When and How?
Jieh- Neng Wang (Taiwan)	Neonatal Pulmonary Hypertension: What's the Role of Cardiologists?
Casey Culbertson (US)	Pulmonary hypertension in ICU: How Important and What Approaches?

### **Room 2: Imaging diagnosis: fetus echo**

**Chairman: *Neil Wilson, Nina Wunderlich, Toshio Nakanishi, Jing- Ming Wu***

Haifa Abdul Latiff (Malaysia)	Fetal Echocardiography: From Basic To Advance
Lee Benson (Canada)	Fetus Interventional Imaging: New Horizon For Interventional Cardiology?
Le Kim Tuyen (VN)	NT and CHD: How's the correlation?

Hand-On Workshop With Fetal Echocardiography With Haifa and Le Kim Tuyen (VN)

## AFTERNOON SESSION

**Chair: Neil Wilson, Zahid Amin, Joseph De Giovanni**

**14.00 – 15.00: Live case from Children Hospital and Heart Institute Panelists: Kozlik-Feldmann Rainer, Figulla Hans Reiner**

*Live case 5: Transcatheter Pulmonary Valve Implantation*

- *Hospital: Children Hospital*
- *Operators: Shakeel Qureshi, Farhouch Fberdjis, Do Nguyen Tin*
- *Echo: Nina Wunderlich, Phan Tien Loi*

*Live case 6: TAVI/ LAA*

- *Hospital: Heart Institute*
- *Operators: Horst Sievert, Nguyen Lan Hieu, Dinh Duc Huy*
- *Echo: Le Kim Tuyen*

**15.00 – 15.30: Coffee break**

### **15.00- 16.00: Fistula intervention**

Do Nguyen Tin (Vietnam)	Transcatheter closure of portal- systemic fistula
Jae Young Choi (Korea)	Coronary Fistula Closure: Tips and Tricks.
Carlos Zabal (Mexico)	Pulmonary AV Fistula Closure: Tips and Tricks.
Joseph De Giovanni (UK)	Paravalvular Leak: Tips and Tricks
Worakan Promphan (Thailand)	Necessary Tools for Fistula Occlusion

**16.00– 17.00 Live case from Children Hospital and Heart Institute  
Panelists: Carlos Zabal, Jae Young Choi**

*Live case 7: Coronary Fistula Closure*

- *Hospital: Children Hospital*
- *Operators: Hasri Samion, Cao Viet Tung, Nguyen Ba Trieu*

*Live case 8: Transcatheter PDA closure with Occlutech device*

- *Hospital: Heart Institute*
- *Operators: Mazeni Alwi, Vu Nang Phuc, Nguyen Cong Ha*

**18.00 – 21.00: Faculty dinner**

**Day 2: Jan 10, 2013:**

**CONGRESS OF VENTRICULAR SEPTAL DEFECT FROM A TO Z**

7.00 am- 16 pm | Registration

**MORNING SESSION**

**Chairman: Shakeel Qureshi, Neil Wilson, Joseph De Giovanni**

**8.00 – 9.00: Live case from Children Hospital and Heart Institute**  
**Panelist: Bharat Dalvi, Truong Quang Binh**

*Live case 9: Transcatheter closure of VSDpm with Pfm Coil*

- *Hospital: Children Hospital*
- *Operators: Trong- Phi Le, Omar Galal, Nguyen Ba Trieu*
- *Echo: Poomiporn Katanyuwong, Phan Tien Loi*

*Live case 10: Transcatheter closure of VSDpm*

- *Hospital: Heart Institue*
- *Operators: Zahid Amin, Farhouch Fberdjis, Vu Nang Phuc*
- *Echo: Haifa Abdul Latiff, Le Kim Tuyen*

**9.00 – 10.00**

**Session 1: BASIC CONSIDERATIONS OF VSDs**

Hidehiko Hara (Japan)	Embryology of Ventricular Septum and VSD
Toshio Nakanishi (Japan)	Morphology of VSDs
Lee Benson (Canada)	Hemodynamic Changes in Different Types of VSD.
Nina Wunderlich (Germany)	Echocardiography in Evaluation of VSDs.

**10.00 – 10.30 Coffee Break**

**10.00- 11.00: Live case from Children Hospital and Heart Institute**  
**Panelist: Carlos Zabal, Kritvikrom Durongpisitkul**

*Live case 11: Transcatheter closure of VSDpm with ADO I*

- *Hospital: Heart Institute*
- *Operators: Nguyen Lan Hieu, Jonas, Dexter Cheng*
- *Echo: Haifa Abdul Latiff, Le Kim Tuyen*

*Live case 12: Transcatheter closure of VSD with ADO II*

- *Hospital: Children Hospital*
- *Operators: Nageshwar Rao, Mulyadi Djer, Do Nguyen Tin*
- *Echo: Poomiporn Katanyuwong, Phan Tien Loi*

11.00- 12.00

**SESSION 2: INDICATION FOR VSD CLOSURE**

**Chairman: Shakeel Qureshi, Neil Wilson, Joseph De Giovanni**

Thanarat (Thailand)

Nguyen Minh Tri Vien (Vietnam)

Natural History of VSD in South East Asia.

Why I do surgical closure for VSDs in Vietnam?

Pros and cons 1: All VSDs should be closed with irrespective of size?

Pros: Sukman Putra (Indonesia)

Cons: Akagi Teiji (Japan)

Pros and cons 2: Closure of small VSD: device is better than surgery?

Pros: Bharat Dalvi (India)

Cons: Dr. Sivakumar Sivalingam (Malaysia)

## 12.00- 13.30: Lunch session

### Lunch session 1: Diagnostic and interventional imaging

**CHAIR: Pham Nguyen Vinh, Shakeel Qureshi, Nina Wunderlich, Nakanishi Toshio**

Toshio Nakanishi (Japan)	Pathologist's view of VSD for device selection (live demonstration)
Nina Wunderlich (Germany)	Echocardiographer's view: which VSDs is suitable for device closure?
Haifa Abdul Latiff (Malaysia)	Echocardiography: intra-procedural guidance in transcatheter VSD closure.
Zahid Amin (US)	Echocardiography: intra-procedural guidance in periventricular VSD closure

### Lunch session 2: VSD closure around the world

**CHAIR: Neil Wilson, Mazeni Alwi, Sukman Putra, Qijian Yi**

Bharat Dalvi (India)	Experience in VSD closure from India
Nguyen Lan Hieu (Vietnam)	Experience in VSD closure from Vietnam
Kritvikorm Durongpisitkul (Thailand)	Experience in VSD closure from Thailand
Indriwanto (Indonesia)	Experience in VSD closure from Indonesia
Hasri Samion (Malaysia)	Experience in VSD closure from Malaysia
XiangQing Kong (China)	Experience in VSD closure from China



## AFTERNOON SESSION

Chairman: Lee Benson, Zahid Amin, Omar Galal

**13.30 – 14.30 Live case from Children Hospital and Heart Institute**

**Panelists: Martin Schneider, Hasri Samion**

*Live case 13: Transcatheter closure of muscular VSD*

- *Hospital: Heart Institute*
- *Operators: Bharat Dalvi, Yun-Ching Fu, Vu Nang Phuc*
- *Echo: Haifa Abdul Latiff, Le Kim Tuyen*

*Live case 14: Transcatheter closure of infundibular VSD*

- *Hospital: Children Hospital*
- *Operators: Avraham Lorber, Rahim Wong, Do Nguyen Tin*
- *Echo: Nina Wunderlich, Phan Tien Loi*

**14.30 – 15.30**

### **SESSION 3: SPECIAL CONSIDERATIONS IN VSD CLOSURE**

Joseph De Giovanni (UK)	Transcatheter closure in post- infarction VSD
Omar Galal (Arabia Saudi)	Transcatheter closure in post- endocarditis VSD
Neil Wilson (UK)	Transcatheter closure in residual VSD
Zahid Amin (US)	Perventricular VSD closure: coming of age

**15.00- 15.30: Coffee break**

**15.30 – 16.30: Live case from Children Hospital and Heart Institute**  
**Panelist: Jou- Kou Wang, XiangQing Kong**

*Live case 15: Transcatheter closure of post- infarction VSD*

- *Hospital: Heart Institute*
- *Operators: Joseph De Giovanni, Nguyen Lan Hieu, Pham Duc Dat*
- *Echo: Haifa Abdul Latiff, Le Kim Tuyen*

*Live case 16: Transcatheter closure of residual VSD*

- *Hospital: Children Hospital*
- *Operators: Shakeel Qureshi, Indriwanto, Bui Gio An*
- *Echo: Nina Wunderlich, Phan Tien Loi*

**16.30– 17.30. SESSION 3: SPECIAL CONSIDERATIONS IN VSD CLOSURE (cont.)**

Zahid Amin (US)	Perimembranous VSD Closure by Device: What are the Requisites?
Trong- Phi Le (Germany)	Transcatheter Closure in Infundibular VSD
Bharat Dalvi (India)	Transcatheter Closure in Muscular VSD
Martin Schneider (Germany)	How to Deal with Swiss Cheese VSDs

**18.30- 21.30 Gala Diner for all delegates**

**Day 3: Jan 11, 2013**

**CONGRESS OF VENTRICULAR SEPTAL DEFECT FROM A TO Z**

7.00 am- 10.am | Registration

**MORNING SESSION**

**Chairman: Shakeel Qureshi, Neil Wilson, Bharat Dalvi**

**8.00 – 9.00: Live case from Children Hospital and Heart Institute**

**Panelist: Kai-Sheng Hsieh, Pornthep Lertsapcharoen**

*Live case 17: Transcatheter closure of muscular VSD*

- *Hospital: Heart Institute*
- *Operators: Kritvikorm Durongpisitkul, Worakan Promphan, Pimpak*
- *Echo: Haifa Abdul Latiff, Lucy Eun*

*Live case 18: Periventricular muscular VSD closure*

- *Hospital: Children Hospital*
- *Operators: Zahid Amin, Nguyen Minh Tri Vien, Do Nguyen Tin*
- *Echo: Nina Wunderlich, Phan Tien Loi*

**9.00- 10.00**

**SESSION 4: TECHNIQUES IN VSD CLOSURE**

Shakeel Qureshi (UK)	Procedural steps in transcatheter VSD closure
Bharat Dalvi (India)	Device selection for VSD closure
Nageshwar Rao (India)	Ante- and retrograde approach in VSD closure
Neil Wilson (UK)	Femoral or Jugular Rout: When and How?

10.00- 10.30 Coffee break

## 10.00 – 11.00: *Live case from Children Hospital and Heart Institute*

**Panelist: Mazeni Alwi, Rongzhou Wu**

*Live case 19: Transcatheter closure of VSDpm*

- *Hospital: Heart Institute*
- *Operators: XiangQing Kong, Nguyen Lan Hieu, Vu Nang Phuc*
- *Echo: Haifa Abdul Latiff, Lucy Eun*

*Live case 20: Transcatheter closure of VSDpm*

- *Hospital: Children Hospital*
- *Operators: Lee Benson, Do Nguyen Tin, Eka*
- *Echo: Nina Wunderlich, Phan Tien Loi*

**11.00- 12.00**

### **SESSION 4: TECHNIQUES IN VSD CLOSURE (cont)**

#### **Different devices - same issue?**

Zahid Amin (US)	VSD Closure with MEVSD 2
Rainer Kozlik (Germany)	VSD Closure with Pfm Coil.
Nguyen Lan Hieu (Vietnam)	VSD Closure with ADO I.
Mulyadi Djer (Indonesia)	VSD Closure with ADO II
Qljian Yi (China)	VSD Closure with Lifetech Device
Pornthep Lertsapcharoen (Thailand)	VSD Closure with Cocoon Device

## 12.00 – 13.30: LUNCH SESSION

### LUNCH SESSION 1: Special Considerations in Cardiac ICU

**Chairman: Pham Nguyen Vinh, Casey Culbertson, Hasri Samion, Kai-Sheng Hsieh**

Akagi Teiji (Japan)	Pulmonary Hypertension Crisis in Post-op VSD
Le Minh Khoi (Vietnam)	Low Cardiac Syndrome in Post-op VSD
Jing- Ming Wu (Taiwan)	Arrhythmias in Post-op VSD
Casey Culbertson (US)	Mechanical ventilation in Post-op VSD
Jieh Neng Wang (Taiwan)	Pulmonary function after surgical VSD closure

### LUNCH SESSION 2: SPECIAL CASES

**Chairman: Neil Wilson, Lee Benson, Shakeel Qureshi, Hasri Samion**

Pimpak Prachasilchai (Thailand)	My AV Block Case
Silin Pan (China)	My Most Interesting Case
Mulyadi (Indonesia)	My Most Challenging Case
Worakan Promphan (Thailand)	My Nightmare Case
Nguyen Lan Hieu (Vietnam)	My Mystery Case
Bharat Dalvi (India)	My Depicting Complications

## AFTERNOON SESSION

**Chairman: Lee Benson, Joseph De Giovanni, Omar Galal**

**13.30 – 14.30 *Live case from Children Hospital and Heart Institute***

***Panelist: Farhouch Berdjis, Rainer Kozlik Feldmann***

*Live case 21: Transcatheter VSD closure with Lifetech device*

- *Hospital: Heart Institute*
- *Operators: Weifeng Wu, Worakan Promphan, Vu Nang Phuc*
- *Echo: Haifa Abdul Latiff, Lucy Eun*

*Live case 22: Transcatheter VSD closure with Cocoon device*

- *Hospital: Children Hospital*
- *Operators: Pornthep Lertsapcharoen, Le Hong Quang, Nguyen Minh Tri Viet*
- *Echo: : Poomiporn Katanyuwong, Nakharin Tonklang*

**14.30- 15.30**

### **SESSION 5: COMPLICATIONS AND FAILURES**

Joseph De Giovanni (UK)

Shakeel Qureshi (UK)

Bharat Dalvi (India)

Nguyen Lan Hieu (Vietnam)

AV block: what's true incidence? what's risk factor?

Residual shunting: when and how important?

Embolization of device: how to deal with them?

Influence of device on aortic and tricuspid valve: how important?

**15.00- 15.30: *Coffee break***

**15.30- 16.30 Live case from Children Hospital and Heart Institute**

**Panelist: Avraham Lorber- Martin Schneider**

*Live case 23: VSD closure*

- *Hospital: Heart Institute*
- *Operators: Zahid Amin, Nguyen Lan Hieu, Hidehiko Hara*
- *Echo: Haifa Abdul Latiff, Lucy Eun*

*Live case 24: VSD closure*

- *Hospital: Children Hospital*
- *Operators: Carlos Zabal, Indriwanto, Do Nguyen Tin*
- *Echo: : Poomiporn Katanyuwong, Nakharin Tonklang*

**16.30- 17.30**

**SESSION 6: FOLLOW- UP IN VSD CLOSURE**

Lee Benson (Canada)

Nina Wunderlich (Germany)

Neil Wilson (UK)

Omar Galal (Arabia Saudi)

Problems on mid and long- term follow- up

Echocardiography for follow-up VSD closure: what to look for?

Late AV block: predictable or unpredictable?

The different devices used for VSD closure?

**12 Jan 2013: Tours**