Symposium of Heart Valve Therapies

16 – 18 September 2010

A comprehensive multidisciplinary approach to valvular heart disease with the focus on mitral valve repair and other new techniques of valve surgery

Live Surgery
Lectures
Workshops

Target Audience
Cardiac Surgeons
Cardiologists
Anaesthetists

Course Director
CHUA Yeow Leng

Course Co-directors
DING Zee Pin
HWANG Nian Chih
LIM Soo Teik
Kenny SIN

Organised By

National Heart Centre Singapore
SingHealth

Sponsors
FOREWORD

The inaugural edition of SingVALVE - Symposium of Heart Valve Therapies will take place from 16th to 18th September 2010 at the National Heart Centre Singapore.

An international contingent of renowned experts from Australia, China, Malaysia, Thailand, Vietnam, UK, USA and Singapore will be sharing on the comprehensive multidisciplinary approach to valvular heart disease surgery and new therapies.

The 2.5-days programme will feature live surgery, video-in-a-box, lectures, hands-on workshops and a GP symposium to provide participants with an enriching educational experience.

On behalf of the organising committee, I look forward to seeing you at the symposium and hope that you will have a fruitful time with us in Singapore!

Yours sincerely,
A / Prof Chua Yeow Leng
Course Director

Faculty

INTERNATIONAL

AUSTRALIA

James EDWARDS
The Royal Adelaide Hospital

Peter Joseph TESAR
St Andrew's Hospital

CHINA

TAO Liang
Wuhan Asia Heart Hospital

MALAYSIA

Jeswant DILLON
Institut Jantung Negara

THAILAND

Taweesak CHOTIVATANAPONG
Chest Disease Institute

Choosak KASEMARN
Chest Disease Institute

Sompop PRATHANEE
Srinakarin Khonkhien

Oraporn SEE
Samitivej Sukhumvit

UNITED KINGDOM

Martyn THOMAS
St Thomas Hospital

UNITED STATES OF AMERICA

Marc KATZ
Bon Secours Richmond Health System

Ron SHAMASKIN
Bon Secours Richmond Health System

VIETNAM

NGUYEN Ngoc Quang
Vietnam National Heart Institute

NGUYEN Van Phan
Ho Chi Minh Heart Institute

LOCAL

CHANGI GENERAL HOSPITAL

TONG Khim Leng

GLENEAGLES MEDICAL CENTRE

LAU Kean Wah

KHOO TECK PUAT HOSPITAL

ONG Hean Yee

MT ELIZABETH MEDICAL CENTRE

CHEE Tek Siong

SAW Huat Seong

Eugene SIM

TONG Ming Chuan

James WONG

National Heart Centre

Victor CHAO

Paul CHIAM

CHUA Yeow Leng

CHUAH Seng Chye

DING Zee Pin
K GUNASEGARAN
KOH Tian Hai
LEE Ching Yin
LIM Chong Hee
LIM See Lim
LIM Yeong Phang
LIM Soo Teik
Amy NG
SEE Chai Keat
Kenny SIN
C SIVATHASAN
SU Jang Wen
TAN Teing Ee
Peter TING
YE0 Khung Keong

NATIONAL UNIVERSITY HEART CENTRE, SINGAPORE

LING Lieng His
POH Kian Keong
Christie TAN
YE0 Tiong Cheng

SINGAPORE GENERAL HOSPITAL

HWANG Nian Chih
ONG Biauw Chi
SEE THO Ving Yuen
TAN Ban Hock

TAN TOCK SENG HOSPITAL

YONG Quek Wei
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<tr>
<th>Time</th>
<th>Session</th>
<th>Chairperson</th>
<th>Co-chairperson</th>
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<th>Topic</th>
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<tr>
<td>0800-0830</td>
<td>REGISTRATION AND BREAKFAST</td>
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<tr>
<td>0830-0840</td>
<td>WELCOME ADDRESS</td>
<td>KOH Tian Hai</td>
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<tr>
<td>0840-1200</td>
<td>SESSION 1: MITRAL VALVE REPAIR WITH LIVE SURGERY</td>
<td>CHUA Yeow Leng</td>
<td>Jeswant DILLION</td>
<td>K GUNASEGARAN</td>
<td>Keynote Lecture: The History and Development of Mitral Valve Repair</td>
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<td>Real Time 3D TEE of the Mitral Valve</td>
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<td>Degenerative Mitral Repair - An Honest Look at Long Term Results</td>
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<td>Pathogenesis, Mechanism and Natural History of Ischemic Mitral Regurgitation</td>
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<td>Ischaemic Mitral Repair - Ring vs Ring vs Ring</td>
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<td>Mitral valve repair in Infective Endocarditis</td>
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<td>Antibiotic Therapy in Infective Endocarditis</td>
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<td>Summary and Questions</td>
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<td>1200-1300</td>
<td>LUNCHTIME SYMPOSIUM - ROBOTIC MITRAL VALVE REPAIR</td>
<td>Eugene SIM</td>
<td>CHUAH Seng Chye</td>
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<td>Robotitc Mitral Valve Repair - Video-in-a-box</td>
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<td>1300-1430</td>
<td>SESSION 2: RHEUMATIC MITRAL DISEASE</td>
<td>LAU Kean Wah</td>
<td>TONG Ming Chuan</td>
<td>TAN Teing Ee</td>
<td>Keynote Lecture: Rheumatic Mitral Repair - Within reach for the 'occasional' mitral repair surgeon?</td>
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<td>Closed Mitral Commissurotomy - A Lost Art</td>
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<td>Echo Assessment of suitability for PTMC</td>
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<td>Summary and Questions</td>
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<tr>
<td>1430-1445</td>
<td>TEA BREAK</td>
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<td>1445-1600</td>
<td>SESSION 3: INTERVENTIONAL MV REPAIR</td>
<td>LIM Soo Teik</td>
<td>C SIVATHASAN</td>
<td>SU Jang Wen</td>
<td>Percutaneous Mitral Valve Options (to include paravalvular leak)</td>
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<td>Percutaneous Mitral Clip - Implications of EVEREST II</td>
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<td>Mitral Clip Live-in-a-box</td>
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<td>Trans Apical Mitral Valve-in-valve Case Presentation</td>
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<td>Summary and Questions</td>
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The Organizer reserves the right to make any alteration to the Conference program without prior notice.
### 17th September 2010, Friday

#### 0800-0830  BREAKFAST

#### 0830-1145  SESSION 4: AORTIC STENOSIS WITH LIVE SURGERY

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<th>Time</th>
<th>Session Title</th>
<th>Chairperson</th>
<th>Moderator 1</th>
<th>Moderator 2</th>
<th>Moderator 3</th>
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<tbody>
<tr>
<td>0830</td>
<td>Keynote Lecture: Shifting Paradigms in Valve Surgery</td>
<td>SAW Huat Seong</td>
<td>Kenny SIN</td>
<td>Paul CHIAM</td>
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<tr>
<td>0830</td>
<td>AVR for Aortic Stenosis</td>
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<td>0830</td>
<td>The Development of TAVI</td>
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<td>0830</td>
<td>Role of Echocardiography in TAVI</td>
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<td>0830</td>
<td>Anaesthetic Management during TAVI</td>
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<td>0830</td>
<td>Trans-Apical Valve Implantation</td>
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<td>0830</td>
<td>DirectFlow TAVI</td>
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<td>0830</td>
<td>Live Surgery IV (Live-in-a-Box for TAVI)</td>
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<td>1145</td>
<td>Summary and Questions</td>
<td>SAW Huat Seong</td>
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<td>YEO Khung Keong</td>
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#### 1145-1310  SESSION 5: AORTIC REGURGITATION WITH LIVE SURGERY

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1145</td>
<td>Natural History of Aortic Regurgitation</td>
<td>SAW Huat Seong</td>
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<td>K GUNASEGARAN</td>
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<tr>
<td>1145</td>
<td>Principles and Long Term Results of AV Repair</td>
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<td>NGUYEN Van Phan</td>
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<td>1145</td>
<td>Wuhan Aortic Valve Repair Experience / Video</td>
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<td>TAO Liang</td>
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<td>1145</td>
<td>3F Aortic Valve Bioprosthesis</td>
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<td>Peter TESAR</td>
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<td>1145</td>
<td>Summary and Questions</td>
<td>SAW Huat Seong</td>
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#### 1310-1400  LUNCHTIME SYMPOSIUM

**SPECIAL UPDATES ON "MICS MITRAL REPAIR" AND "RF MAZE PROCEDURE"**

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<tbody>
<tr>
<td>1310</td>
<td>Techniques and professional training in Minimally Invasive Mitral Repair Surgery</td>
<td>CHUA Yeow Leng</td>
<td>Christie TAN</td>
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<td>1310</td>
<td>The Influence of left atrial reduction on a result of Modified RF Ablation Maze concomitant with mitral valve operation</td>
<td>James EDWARDS</td>
<td>Choosak KASEMSARN</td>
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<tr>
<td>1310</td>
<td>Summary and Questions</td>
<td>SAW Huat Seong</td>
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#### 1400-1530  SESSION 6: VALVE PROSTHESIS

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<tr>
<td>1400</td>
<td>Progress in Bioprosthetic Valves - Does It Make A Difference?</td>
<td>Kenny SIN</td>
<td>Amy NG</td>
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<tr>
<td>1400</td>
<td>Mechanical Heart Valves - Long term results</td>
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<td>1400</td>
<td>Open Pivot Mechanical Valve Design</td>
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<td>1400</td>
<td>Patient Prosthesis Valve Mismatch</td>
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<td>1400</td>
<td>Summary and Questions</td>
<td>SAW Huat Seong</td>
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The Organizer reserves the right to make any alteration to the Conference program without prior notice.
A. ROBOTICS HANDS-ON WORKSHOP

SINGHEALTH EXPERIMENTAL MEDICINE CENTRE

Trainer

C SIVATHASAN

TAN Teing Ee

SU Jang Wen

B. 3D ECHOCARDIOGRAPHY HANDS-ON WORKSHOP

NHCS, CARDIAC LAB, LEVEL 2

Chairperson

YEON Tiong Cheng

Chairperson

K GUNASEGARAN

Oraporn SEE

Peter TING

POH Kian Keong

TEA BREAK

Chairperson

ONG Biauw Chi

Panelist

ONG Hean Yee

Panelist

CHEE Tek Siong

Interesting Cases - 3D Echocardiography Quiz

Oraporn SEE

DING Zee Pin

Chairperson

TBA

Chairperson

TONG Khim Leng

3D Echocardiography Hands-on Workshop : MV Quantification

Oraporn SEE

C. SURGICAL HANDS-ON WORKSHOP

SGH, CLINICAL SKILLS LAB

Trainer

TAO Liang

Sompop PRATHANEE

Jeswant DILLION

CHUA Yew Leng

Kenny SIN

LIM See Lim

James EDWARDS

> APVRG Valve Repair

> Medtronic International Valve Repair

> Edwards LifeSciences Valve Repair

NHCS HEART CARE SYMPOSIUM (LOCAL PARTICIPANTS)

1230-1330 LUNCH

1330-1630 PROGRAMME

NHCS, LECTURE THEATRE, L3

Anticoagulation and Cardiac Surgery: What’s New
Medical Management of Valve Disease
Summary and Questions

The Organizer reserves the right to make any alteration to the Conference program without prior notice.
REGISTRATION FORM  
Closing Date: 07 September 2010  
Fax: (65) 62210944  
Email: nhccme@nhcs.com.sg

### PARTICIPANT
Please type or print clearly
[ ] Prof  [ ] A/Prof  [ ] Dr  [ ] Mr  [ ] Ms

<table>
<thead>
<tr>
<th>CAP SURNAME (Last Name)</th>
<th>First Name (Given Name)</th>
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<tr>
<td>Company/Hospital/Institute:</td>
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| Address: |
| Phone: | Fax: | Email: |

Mandatory for Communications Purpose

Your Specialisation (Mandatory)
[ ] Cardiac Surgeon  [ ] Cardiologist  [ ] Anaesthetist  [ ] Local General Practitioner  [ ] Others: ____________________

### REGISTRATION FEES
Amount is inclusive of 7% Goods and Services Tax (GST)

<table>
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<tr>
<th>Date</th>
<th>Main Programme, Thursday – Friday (Full Day)</th>
<th>Special Session, Saturday, Morning</th>
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<tr>
<td>16th – 17th September</td>
<td>SGD321.00</td>
<td>SGD107.00</td>
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<td>18th September</td>
<td>SGD374.50</td>
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#### A. Surgical Hands-on Workshop
- APVRG Valve Repair
- Medtronic Valve Repair
- Edwards LifeSciences Valve Repair

#### B. Robotics Hands-on Workshop

#### C. 3D Echocardiography Hands-on Workshop

### FOR LOCAL REGISTRANT ONLY - REGISTRATION FEES
Amount is inclusive of 7% Goods and Services Tax (GST)

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<tr>
<th>Type</th>
<th>Main Programme + 1 Special Session Selection (A or B or C)</th>
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<tr>
<td>Physician</td>
<td>SGD214.00</td>
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<td>Paramedic / Nurse</td>
<td>SGD53.50</td>
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### LOCAL GENERAL PRACTITIONERS HEART CARE SYMPOSIUM
18th September 2010, Saturday, Afternoon
Free Admission (pre-registration is required)

### METHOD OF PAYMENT

[ ] By CREDIT CARD

I hereby authorise the SingVALVE Congress Secretariat to charge the total amount of SGD _____ to

[ ] AMERICAN EXPRESS  [ ] MASTERCARD  [ ] VISA

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<th>Cardholder’s Name (as on credit card):</th>
<th>Expiry Date: / /</th>
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For Amex credit card holders only, please fill in the 4-digit security number printed (non-embossed) on the right-hand corner of the card

For VISA credit card holders only, please fill in the 3-digit security number printed (non-embossed) on the right-hand corner of the card

[ ] By INVOICE

Bill to (Company & Contact Person):
Mailing Address:

[ ] By CHEQUE

Made cheque payable to ‘National Heart Centre of Singapore Pte Ltd’
Mail to: National Heart Centre Singapore, c/o SingVALVE Course Secretariat, Blk A, #06-01, 226 Outram Road, Singapore 169039

### CANCELLATION POLICY:
Request for cancellation/replacement must be made in writing to the Course Secretariat by 17 August 2010. The Organising Committee regrets that requests received after this date will not be entertained. Please take note that all refunds (if any) less 25% for administrative charges will be issued after the event. There will be no refund for cancellations made after 17 August 2010.

### HOTEL ACCOMMODATION:
No official hotel is contracted for this event. Participants are responsible for their own hotel and travel arrangements. Hotels surrounding the event venue:


### USEFUL LINKS: