

3rd CTO Interventions *Live Course 2012*

Focus on Antegrade and Retrograde Techniques

12 - 13 October, Singapore
Health Promotion Board,
Auditorium, Level 7

Guest Operators



Osamu KATOH
Japan



Masahiko OCHIAI
Japan

Objectives

- Acquire knowledge and techniques of antegrade & retrograde approaches to CTO lesions
- Advanced antegrade approaches to CTO
- Management of complications

Who Should Attend

- Interventional Cardiologists
- Fellows/ Drs in-training
- Cardiac Technologists
- Nurses
- Industry Healthcare Professionals

Organising Committee

Course Director
KOH Tian Hai

Course Co-Director
LIM Soo Teik

Aaron WONG

Members
Stanley CHIA
CHIN Chee Tang
Jack TAN

Paul CHIAM
HO Kay Woon
YEO Khung Keong

Event Venue

Health Promotion Board
Auditorium, Level 7
3 Second Hospital Avenue,
Singapore 168937

Website: www.hpb.gov.sg
[Click here for Location and Directions](#)

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National Heart
Centre Singapore
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Contact

CTO Interventions LIVE Course Secretariat

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Singapore 150168 Website: www.nhcs.com.sg

3rd CTO Interventions

Live Course 2012



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Programme Highlights

- Live demonstrations transmitted from National Heart Centre Singapore Cardiac Catheterisation Laboratories
- Moderated case presentation sessions
- Antegrade technique: Guidewire and catheter selection and manipulation techniques
- Retrograde approach: CART and reverse CART techniques
- Tips and tricks for successful antegrade and retrograde approaches
- Managing complications of CTO interventions

Invited Faculty

Australia
Sidney LO

China
ZHANG Bin

Indonesia
Teguh SANTOSO

Japan
Yuji HAMAZAKI
Osamu KATOH
Masahiko OCHIAI

Malaysia
CHONG Yoon-Sin
Simon LO

New Zealand
Scott HARDING

Thailand
Damras TRESUKOSOL
Wasan UDAYACHALERM

SINGAPORE
Charles CHAN
LIM Yean Teng
Adrian LOW
Richard NG
Paul ONG
TAN Chong Hiok

Housing information

No official hotels have been appointed for the event. Hotels within the vicinity include:

5 Star Grand Copthorne Waterfront Hotel (www.millenniumhotels.com.sg/grandcopthornewaterfront/)

4 Star Holiday Inn Atrium (<http://www.holidayinn.com/hotels/us/en/singapore/sinhi/hoteldetail>), **Furama Riverfront** (www.furama.com/riverfront/)

Boutique Hotel Link Hotel (www.linkhotel.com.sg), **Wangz Hotel** (www.wangzhotel.com)

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Programme

12 October 2012, Friday

0800 Registration

0825 ♦ Welcome Address - *Lim Soo Teik*

Chairperson - Lim Soo Teik

Panelists - Scott Harding, Sidney Lo, Teguh Santoso, Zhang Bin

♦ **CTO LIVE demonstrations from National Heart Centre Singapore** - *Masahiko Ochiai, Ho Kay Woon*

♦ **DEBATE: CTO revascularization: Are we doing too many?**

♦ Pro: Yes we are - *Zhang Bin*

♦ No, we are not - *Lim Soo Teik*

♦ Choice of guiding catheters - *Adrian Low*

♦ My Teaching CTO Case 1 - *Zhang Bin*

♦ Practical Tips & Tricks Part 1

‣ Balloon trapping / Nanto Technique - *Lim Soo Teik*

‣ Anchoring Techniques - *Wasan Udayachalerm*

‣ Shortening guiding catheters - *Chong Yoon Sin*

‣ Use of Tornus - *Teguh Santoso*

♦ Panel discussions

1035 **BREAK**

1100 *Chairperson - Lim Soo Teik*

Panelists - Scott Harding, Adrian Low, Masahiko Ochiai, Tan Chong Hiok

♦ **CTO LIVE demonstrations from National Heart Centre Singapore** - *Koh Tian Hai*

♦ CTO guidewires - *Scott Harding*

♦ My Teaching CTO Case 2 - *Wasan Udayachalerm*

♦ Practical Tips & Tricks Part 2

‣ IVUS interpretation for CTO PCI - *Masahiko Ochiai*

‣ Use of Corsair - *Tan Chong Hiok*

‣ Externalisation of long guide wire - *Zhang Bin*

♦ Antegrade wiring technique - *Koh Tian Hai*

♦ Panel Discussions

1300 **Lunch Time Hands-On Workshops** - *Terumo and Asahi Intecc*

1400 **Moderated CTO Case Forum**

Chairperson - Koh Tian Hai

Panelists - Chong Yoon Sin, Osamu Katoh, Simon Lo, Masahiko Ochiai, Wasan Udayachalerm, Yeo Khung Keong

‣ **MC Case 1:** Successful Sealing of a Dual Feeding Coronary Artery Perforation With Combination of Fibered Micro-Coil and Tip of Spring-Guidewire - *Sasmojo Widito*

‣ **MC Case 2:** Failed CTO with retrograde visualisation by antegrade approach - *S. Mokaddas Hossain*

‣ **MC Case 3:** RCA-CTO Dissection/Coronary Perforation - *Mangalath Narayan Krishnan*

‣ **MC Case 4:** CTO mid LAD retrograde approach - *Ahmad Khairuddin Bin Mohamed Yusof*

‣ **MC Case 5:** Antegrade Recanalisation of an Ostial LAD CTO - *Raghu Cherukupalli*

♦ Recanalisation using the septal channels: Step by Step - *Osamu Katoh*

♦ Use of epicardial collaterals - *Masahiko Ochiai*

1555 **BREAK**

1615 *Chairperson - Koh Tian Hai*

Panelists - Paul Chiam, Osamu Katoh, Lim Yean Teng, Masahiko Ochiai, Damas Tresukosol

♦ **CTO LIVE demonstrations from National Heart Centre Singapore** - *Lim Soo Teik, Chin Chee Tang*

♦ Role of IVUS in aiding CTO Interventions - *Osamu Katoh*

♦ Use of MSCT in CTO Interventions - *Masahiko Ochiai*

♦ **DEBATE: Transradial approach vs transfemoral approach**

‣ Pro: I have no issues using the transradial route - *Wasan Udayachalerm*

‣ Con: My choice will always be transfemoral approach - *Aaron Wong*

♦ Day 1 Conclusions - *Koh Tian Hai*

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Programme

13 October 2012, Saturday

0800 Registration

0830 *Chairperson - Koh Tian Hai*

Panelists - Chin Chee Tang, Sidney Lo, Teguh Santoso, Damras Tresukosol, Wasan Udayachalerm

- ◆ **CTO LIVE demonstrations from National Heart Centre Singapore** - *Osamu Katoh, Stanley Chia*
- ◆ Case selection for antegrade/ retrograde approach - *Sidney Lo*
- ◆ Current concepts in retrograde CTO interventions - *Yuji Hamazaki*
- ◆ My Teaching CTO Case 3 - *Sidney Lo*
- ◆ Panel discussions

1035 **BREAK**

1100 *Chairperson - Koh Tian Hai*

Panelists - Stanley Chia, Yuji Hamazaki, Lim Soo Teik, Simon Lo, Damras Tresukosol

- ◆ **CTO LIVE demonstrations from National Heart Centre Singapore** - *Masahiko Ochiai, Yeo Khung Keong*
- ◆ Uncrossable antegrade lesions - *Sidney Lo*
- ◆ Practical Tips & Tricks Part 3
 - Coil Embolisation techniques - *Damras Tresukosol*
 - Managing radiation dose during long CTO cases - *Lim Soo Teik*
- ◆ My Teaching CTO Case 4 - *Teguh Santoso*
- ◆ Panel discussions

1300 **Case Review Session** (By Associate Faculty)

Chairperson - Koh Tian Hai

Panelists - Sidney Lo, Scott Harding, Teguh Santoso

Lunch Time Hands-On Workshops - *Asahi Intecc*

1400 *Chairperson - Lim Soo Teik*

Panelists - Scott Harding, Sidney Lo, Richard Ng, Paul Ong, Zhang Bin

- ◆ **CTO LIVE demonstrations from National Heart Centre Singapore** - *Osamu Katoh*
- ◆ Management of complications - *Zhang Bin*
- ◆ CTO Approaches around the World:
 - Malaysia - *Simon Lo*
 - New Zealand - *Scott Harding*
 - China - *Zhang Bin*
 - Australia - *Sidney Lo*
- ◆ Panel discussions

1540 **BREAK**

1610 *Chairperson - Lim Soo Teik*

Panelists - Charles Chan, Yuji Hamazaki, Osamu Katoh, Jack Tan

- ◆ My Teaching CTO Case 5 - *Scott Harding*
- ◆ My Teaching CTO Case 6 - *Yuji Hamazaki*
- ◆ Left main and Ostial CTO - *Osamu Katoh*
- ◆ PCI for CTO lesions: Post CABG - *Masahiko Ochiai*
- ◆ Day 2 Summary - *Lim Soo Teik*

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General Information

EVENT VENUE	ORGANISER
Auditorium, Level 7 Health Promotion Board 3 Second Hospital Avenue Singapore 168937 Website: www.hpb.gov.sg Click for Location Map and Directions	National Heart Centre Singapore 17 Third Hospital Avenue Singapore 168752 Website: www.nhcs.com.sg
	Secretariat Office 168 Jalan Bukit Merah Connection One, Tower 3 #07-08 Singapore 150168 Tel: (65) 6436 7923 / 7928 Fax: (65) 6221 0944 Email: nhccme@nhcs.com.sg Website: www.nhcs.com.sg

PAYMENT METHODS

By Credit Card:

- We accept American Express (AMEX), Visa and MasterCard (MC) only

By Cheque:

- Cheque must be drawn on a local bank in Singapore
- Cheque payment is available to local participants only
- Cheque payable to: **National Heart Centre of Singapore Pte Ltd**
- Please include your name and "CTO 2012" on reverse of cheque/bank draft

REPLACEMENT POLICY

- We accept the nomination of a replacement, the nomination should be made in writing to nhccme@nhcs.com.sg before 14th September 2012

CANCELLATION / REFUND POLICY

- Request for cancellation / refund should be made in writing to nhccme@nhcs.com.sg by 28th September 2012
- The cancellation fees are 50% of the registration fees, the refund shall be processed after 26th October 2012
- There will be no refund for cancellation after 28th September 2012

ACCOMMODATION

No official hotel is contracted for this event

The following hotels are within 30mins travelling time to event venue:

- Grand Copthorne Waterfront Hotel www.millenniumhotels.com.sg/grandcopthornewaterfront
- Holiday Inn Atrium www.holiday-inn.com/atrium-sin
- Furama Riverfront Hotel www.furama.com/riverfront
- Wangz Hotel www.wangzhotel.com
- Link Hotel www.linkhotel.com.sg

INFORMATION ON SINGAPORE

Please visit www.yoursingapore.com for more traveling information