PRE-COURSE PROGRAMME
NATIONAL HEART CENTRE SINGAPORE, LECTURE THEATRE

PRACTICAL PCI SKILLS DEVELOPMENT COURSE
National Heart Centre Singapore, Level 7
0830 - 1730 hr
In partnership with
Medtronic

0830 - 0900  Registration and refreshments

0900 - 1130  TREATMENT OF SMALL VESSELS
Chairpersons: KOH Tian Hai, CHIN Chee Tang
Panelists: Ryuichi KATO, Reginald LOW, Wan Azman WAN AHMAD, Philip WONG
0900 - 0910  Welcome
KOH Tian Hai
0910 - 0920  Importance of stent characteristics to achieve optimal outcomes in small vessel disease
Philip WONG
0920 - 0930  Current role of Drug-coated balloons in the treatment of small vessels
Wan Azman WAN Ahmad
0930 - 1100  Case observation session 1
with case discussion with expert panel
Case 1: Jack TAN, Muhammad Bin Idu JION
Case 2: LIM Soo Teik, FAM Jiang Ming
1100 - 1120  Cases discussions: Lesion characteristics, strategy, techniques used
1120 - 1130  Imaging assessment of small vessel disease
Ryuichi KATO
1130 - 1215  Lunch

1215 - 1445  TREATMENT OF LEFT MAIN BIFURCATIONS
Chairpersons: LIM Soo Teik, HO Kay Woon
Panelists: GOH Yew Seong, Dinesh NAIR, Andrew ONG
1215 - 1225  Choice of stents for treatment of Left Main Bifurcations
Andrew ONG
1225 - 1235  Tips and Tricks in LM stenting
Reginald LOW
1235 - 1405  Case observation session 2
with case discussion with expert panel
Case 3: CHIN Chee Tang, Aaron WONG
Case 4: YEO Khung Keong, Jonathan YAP
1405 - 1425  Cases discussions: Lesion characteristics, strategy, techniques used

1425 - 1445  Tips and Tricks to achieve success in Transradial PCI
HO Kay Woon
1435 - 1445  Managing complications of Transradial PCI
HO Hee Hwa
1445 - 1505  Coffee break

1505 - 1730  TREATMENT OF CALCIFIED LESIONS
Chairpersons: Aaron WONG, Philip WONG
Panelists: LIM Ing Haan, Jason LOH, LOH Poay Huan
1505 - 1515  Achieving successful stent delivery in long calcified lesions
Andrew ONG
1515 - 1525  Role of ablative devices for calcified lesions
Aaron WONG
1525 - 1655  Case observation session 3
with case discussion with expert panel
Case 5 Operator: Reginald LOW, CHIN Chee Yang
Case 6 Operator: Paul ONG, HO Kay Woon
1655 - 1715  Cases discussions: Lesion characteristics, strategy, techniques used
1715 - 1725  Radiation protection
LIM Soo Teik
1725 - 1730  Concluding Remarks

Programme accurate as of 16 January 2019. Check the event app for the most updated programme.
### MAIN ARENA
**STAMFORD BALLROOM**

#### LIVE CORONARY CASE FROM NATIONAL HEART CENTRE SINGAPORE
Stamford Ballroom, Level 4  
0900 - 1015 hr

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| 0900 - 1015 | Chairpersons: KOH Tian Hai, LIM Soo Teik  
Panelists: VK BAHL, Eberhard GRUBE, Prashant KAUL, Sunarya SOERIANATA, TAN Huay Cheem, Wasan UDAYACHALERM, Wan Azman WAN AHMAD, ZHANG Bin  
Case presentation and discussion  
Live case from National Heart Centre Singapore  
Operators: Aaron WONG, FAM Jiang Ming  
Imaging commentator: Junko HONYE  
Panel discussion |

#### OPENING CEREMONY & KEYNOTE LECTURE
Stamford Ballroom, Level 4  
1015 - 1045 hr

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| 1015 - 1045 | Chairpersons: KOH Tian Hai, LIM Soo Teik  
Panelists: Eric EECKHOUT, Adrian LOW, Paul ONG, Sunarya SOERIANATA, Etsuo TSUCHIKANE, Wasan UDAYACHALERM, Wan Azman WAN AHMAD  
Welcome remarks  
History of Singapore LIVE  
Keynote Lecture: Pushing the envelope in Left Main PCI  
Antonio COLOMBO |

#### LIVE CORONARY CASE FROM LIVERPOOL HOSPITAL, AUSTRALIA
Stamford Ballroom, Level 4  
1045 - 1200 hr

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| 1045 - 1200 | Chairpersons: LIM Soo Teik, Adrian LOW  
Panelists: Antonio COLOMBO, Giulio GUAGLIUMI, A Sreenivas KUMAR, Muhammad MUNAWAR, Toshiya MURAMATSU, Richard NG, Andrew ONG, Teguh SANTOSO, Sharad SHETTY, Damras TRESUKOSOL  
Case presentation and discussion  
Live Case from Liverpool Hospital, Australia  
Operators: Sidney LO  
Panel discussion |

#### CHIEN FOUNDATION AWARD FOR OUTSTANDING LECTURESHIP AND LIFETIME ACHIEVEMENT IN PCI
Stamford Ballroom, Level 4  
1145 - 1200 hr

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<th>Time</th>
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| 1145 - 1200 | Award Recipient: Teguh SANTOSO  
Award Presenters: Teddy CHIEN, David CHIEN, Richard NG, KOH Tian Hai |

#### LUNCH SYMPOSIUM WITH LIVE CASE FROM PHILIPPINES HEART CENTRE, THE PHILIPPINES: LEFT MAIN BIFURCATION
SPONSORED BY MEDTRONIC INTERNATIONAL
Stamford Ballroom, Level 4  
1210 - 1340 hr

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| 1210 - 1340 | Chairpersons: Aaron WONG, GWON Hyeon Cheol  
Panelists: GOH Yew Seong, Anek KANO, Faliza MALIK, Al Fazir OMAR, PARK Kyung Woo, Teguh SANTOSO, TAN Chong Hiok  
BIONYX at 1 year  
Q&A  
Tips & tricks for PCI of left main bifurcation & trifurcation stenosis  
Live case transmission from Philippines Heart Centre: Left Main Bifurcation with Resolute Onyx  
Operators: James HO  
Case discussion/ Closing  
Aaron WONG |

#### LIVE CORONARY CASE FROM NATIONAL HEART CENTRE SINGAPORE: CALCIFIED LESION (ORBITAL AHERECTOMY)
Stamford Ballroom, Level 4  
1400 - 1505 hr

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<th>Time</th>
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| 1400 - 1505 | Chairpersons: Jack TAN, Paul ONG  
Panelists: Ramesh Singh ARJAN SINGH, Antonio COLOMBO, Michael LEE, Reginald LOW, Fazila MALIK, NGUYEN Quang Tuan, Andrew ONG, Yutaka TANAKA, Achmad Fauzi YAHYA  
Lecture: OCT guidance in complex PCI  
Giulio GUAGLIUMI  
Case presentation and discussion  
Live Case from National Heart Centre Singapore  
Operators: Prashant KAUL, YEO Khung Keong, PHAN Tuan Dat  
Panel discussion |

Programme accurate as of 16 January 2019. Check the event app for the most updated programme.
## 17 JANUARY 2019, THURSDAY

**LIVE CORONARY CASE FROM LIVERPOOL HOSPITAL, AUSTRALIA**
Stamford Ballroom, Level 4  
1510 - 1620 hr

- **Chairpersons:** Eric EECKHOUT, Richard NG  
  - **Panelists:** VK BAHL, Amin Ariff BIN NURUDDIN, GUO Wen Yi, A Sreenivas KUMAR, NGUYEN Ngoc Quang, Harry SURYAPRANATA, Jack TAN, TRUONG Quang Binh, Achmad Fauzi YAHYA

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<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>1510</td>
<td>Case presentation and discussion</td>
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<tr>
<td>1520</td>
<td>Live Case from Liverpool Hospital, Australia</td>
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<tr>
<td>1530</td>
<td>Operators: Sidney LO, Tamer BADIE, Amir FAOUR</td>
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<tr>
<td>1545</td>
<td>Panel discussion</td>
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**SYMPOSIUM WITH LIVE CORONARY CASE FROM HIRANANDANI HOSPITAL, INDIA: SMALL VESSEL DISEASE**  
**SPONSORED BY MEDTRONIC INDIA**
Stamford Ballroom, Level 4  
1625 - 1725 hr  
*Refreshments provided inside the session room*

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<tr>
<th>Time</th>
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<tr>
<td>1625</td>
<td>Chairpersons: Saidur Rahman KHAN, Paul ONG</td>
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<td></td>
<td>- <strong>Panelists:</strong> Asri Ranga ABDULLAH RAMIAAH, Doni FIRMAN, Vineet JAIN, Jason LOH, Praveen Somasundaresan NAIR, Asri Ranga ABDULLAH RAMIAAH, M.V REDDY, TAN Chong Hiok, Aaron WONG</td>
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<tr>
<td>1630</td>
<td>Live Case from Hiranandani Hospital, Mumbai, India: Small Vessel Disease with Resolute Onyx</td>
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<td>1645</td>
<td>Operators: Ganesh KUMAR</td>
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<tr>
<td>1710</td>
<td>Case discussion/Closing</td>
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**EVENING SYMPOSIUM: PROTECTING THE HEART: CAN WE DO BETTER? REDEFINING TOMORROW’S TREATMENT, ADDRESSING TODAY’S CARDIO-METABOLIC RISKS**  
**SPONSORED BY ASTRAZENECA**
Stamford Ballroom, Level 4  
1730 - 1900 hr  
*Dinner bento provided inside the session room*

- **Beyond Glycaemic Control: Examining the link between diabetes and cardiovascular diseases**
  - **Chairperson:** CHIN Chee Tang  
  - **Panelists:** GOH Su Yen, Mikhail KOSIBOROD, Arthur TAN, TAN Ru San

- **Re-Defining optimal length of therapy of DAPT for high risk post MI patients: How long should it be?**
  - **Chairperson:** CHIN Chee Tang  
  - **Panelists:** Mikhail KOSIBOROD, Arthur TAN

Programme accurate as of 16 January 2019. Check the event app for the most updated programme.
## ROOM 2
### MORRISON ROOM (ATRIUM BALLROOM)

#### SYMPOSIUM: PARADIGM SHIFT IN PHYSIOLOGY FROM HYPEREMIC INDEXES TO IFR
**SPONSORED BY PHILIPS**
Morrison Room (Atrium Ballroom), Level 4  0915 - 1015 hr

- Refreshments provided inside the session room

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>0915 - 1015</td>
<td>Chairpersons: <strong>Paul ONG</strong>&lt;br&gt;Latest clinical evidence behind iFR, the only resting index in ESC guidelines&lt;br&gt;<strong>Damras TRESUKOSOL</strong>&lt;br&gt;0930 - 0945</td>
</tr>
<tr>
<td>1000 - 1015</td>
<td>All resting indexes explained&lt;br&gt;<strong>CHIN Chee Yang</strong>&lt;br&gt;Room (Atrium Ballroom), Level 4</td>
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#### SYMPOSIUM: INSIGHTS, PRACTICE AND TOOLS TO OPTIMISE PCI OUTCOMES: FOCUS ON CALCIUM MANAGEMENT & IMAGING
**SPONSORED BY BOSTON SCIENTIFIC**
Morrison Room (Atrium Ballroom), Level 4  1030hr - 1200 hr

- Refreshments provided inside the session room

<table>
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<tr>
<th>Time</th>
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<tr>
<td>1030 - 1200</td>
<td>Chairpersons: <strong>KOH Tian Hai</strong>, Yoshifumi KASHIMA&lt;br&gt;Panelists: Doni FIRMAN, Anek KANOKSILP, NGUYEN Ngoc Quang, Asri Ranga&lt;br&gt;<strong>ABDULLAH RAMAIAH</strong>, Reginald LOW&lt;br&gt;Opening&lt;br&gt;The A to Z of calcified lesions management&lt;br&gt;Yoshifumi KASHIMA&lt;br&gt;A contemporary review of devices (atherectomy and modified balloon) for treating calcified lesions&lt;br&gt;Reginald LOW&lt;br&gt;Panel discussion: Why atherectomy is still underutilised?</td>
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<tr>
<td>1105 - 1200</td>
<td>Panel discussion: Why atherectomy is still underutilised?&lt;br&gt;1120 - 1135</td>
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<td>1135 - 1145</td>
<td>Using IVUS imaging in evidence based practice and IVUS HD&lt;br&gt;<strong>Anek KANOKSILP</strong>&lt;br&gt;1145 - 1155</td>
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<tr>
<td>1155 - 1200</td>
<td>Closing&lt;br&gt;Yoshifumi KASHIMA</td>
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#### LUNCH SYMPOSIUM: RIGHT STENT FOR THE RIGHT PATIENT
**SPONSORED BY BIOSENSORS INTERVENTIONAL TECHNOLOGIES**
Morrison Room (Atrium Ballroom), Level 4  1210 - 1340 hr

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<tr>
<td>1210 - 1340</td>
<td>Chairpersons: <strong>Paul ONG</strong>, <strong>CHIN Chee Tang</strong>&lt;br&gt;Lunch bento provided outside the session room</td>
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Programme accurate as of 16 January 2019. Check the event app for the most updated programme.
RECORDED CASE: RENAL DENERVATION
Morrison Room (Atrium Ballroom), Level 4
1635 - 1700 hr

1635 - 1700 Chairpersons: Jack TAN, Adrian LOW
Panelists: CHAN Kam Tin, Sofian JOHAR,
Michael NGUYEN, NWE Nwe, Sharad
SHETTY, Julian TAN, TAY Jam Chin,
Damras TRESUKOSOL, Joachim WEIL

1635 - 1640 Case Presentation and discussion
1640 - 1700 Recorded Case
Case presenter / Discussant: CHIN Chee Tang
### CALCIFICATIONS SESSION
**IN COLLABORATION WITH CHIEN FOUNDATION**
Hullet Room (Atrium Ballroom), Level 4  
0915 - 1015 hr

- **Chairpersons:** Richard NG, Andrew ONG  
- **Panelists:** Bambang BUDIONO, Joshua LOH, Reginald LOW, NGUYEN Ngoc Quang, Atsunori OKAMURA, Supawat RATANAPO, Harry SURYAPRANATA, Wishnu Aditya WIDODO, Philip WONG, YEO Khung Keong

#### Learning Objectives:
- How the pro-healing EPC capture DES can facilitate shortened DAPT notably in ACS patients  
- The importance of lesion preparation in complex lesions to optimize procedural and long-term results

### IMAGING AND PHYSIOLOGY
**Hullet Room (Atrium Ballroom), Level 4**  
1400 - 1530 hr

- **Chairpersons:** CHAN Kam Tin, Takashi AKASAKA  
- **Panelists:** Salvatore COLANGELO, FAM Jiang Ming, Giulio GUAGLIUMI, HONG Myeong Ki, Junko HONYE, Tomoko KOBAYASHI, Kohei KOYAMA, Adrian LOW, Takafumi TSUJI

#### Learning Objectives:
- Use of IVUS to optimise Left Main interventions  
- Use of IVUS in complex PCI: My experience in CTO intervention

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### ROOM 3
**HULLET ROOM (ATRIUM BALLROOM)**

#### STEP-BY-STEP GUIDE TO ACS - STEMI
**IN COLLABORATION WITH ASIA PRIMARY ANGIoplasty CONGRESS (APAC)**  
Hullet Room (Atrium Ballroom), Level 4  
1045 - 1200 hr

- **Case based learning session whereby facilitators will guide participants through a teaching case in a step-by-step manner to help them gain technical skills and the know how in case management.**

- **Delegates should be able to achieve the learning objectives through in-depth discussions of the various treatment strategies with the experienced facilitators and the expert panel.**

- **Facilitators:** Ramesh Singh ARJAN SINGH, HO Hee Hwa, Joshua LOH, Paul ONG  
- **Experts:** Harry SURYAPRANATA

#### LUNCH SYMPOSIUM: NOVEL DEVICE TECHNOLOGY FROM LESION OPTIMISATION TO POST-DES DAPT FLEXIBILITY
**SPONSORED BY ORBUSNEICH MEDICAL**  
Hullet Room (Atrium Ballroom), Level 4  
1210 - 1340 hr

- **Lunch bentos provided outside the session room**

Programme accurate as of 16 January 2019. Check the event app for the most updated programme.
COMPLICATIONS I: THE GREAT SAVES
IN COLLABORATION WITH INTERVENTIONAL CARDIOVASCULAR SOCIETY OF MALAYSIA (ICSM)
Hullet Room (Atrium Ballroom), Level 4
1600 - 1700 hr

1600 - 1700 Chairpersons: Wan Azman WAN AHMAD, KOH Tian Hai
Panelists: Patrick ANG, Ramesh Singh ARJAN SINGH, Kenneth CHIN, Takashi KAJIYA, Anek KANOKSILP, LEE Cheng Han, Al Fazir OMAR, ONG Tiong Kiam, PARK Kyung Woo

1600 - 1615 Opps! There goes my Stentys
Asri Ranga ABDULLAH RAMAIAH

1615 - 1620 Management strategies for this complication type
Fazila MALIK

1620 - 1635 Trawl fishing gone wrong
HO Kay Woon

1635 - 1640 Management strategies for this complication type
Sundeep MISHRA

1640 - 1655 A close shave to Femoral Approach
Simon LO

1655 - 1700 Management strategies for this complication type
YIN Wei Hsian

Programme accurate as of 16 January 2019. Check the event app for the most updated programme.
**NURSING AND ALLIED HEALTH SYMPOSIUM I**  
Stamford Lounge, Level 4  
0900 - 1015 hr  
*With Virtual Reality Teaching Case*

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<th>Chairperson(s)</th>
<th>Panelists</th>
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| 0900 - 1015 | Chairpersons: Jonathan YAP, Tina TEO  
Panelists: Cecilia CHAN, CHIN Chee Tang, Himanshu GUPTA, HOE Kwee Fong, LI Huimin, Selvanayagi SUNDRASENAN, THAN Than Kyaing |  
| 0900 - 0902 | Session Objectives                                                      | Tina TEO                                                                     |  
| 0902 - 0927 | Introduction to rotablation: Indications, equipment, set-up            | Jonathan YAP                                                                 |  
| 0927 - 0932 | Discussion                                                             | Tina TEO                                                                     |  
| 0932 - 0947 | Rotablation in calcified lesions: The role of the assistant           | Jonathan YAP                                                                 |  
| 0947 - 0952 | Discussion                                                             | Tina TEO                                                                     |  
| 0952 - 1007 | Dealing with complications                                             | Himanshu GUPTA                                                               |  
| 1007 - 1012 | Discussion                                                             | Himanshu GUPTA                                                               |  
| 1012 - 1015 | Concluding remarks                                                     | Jonathan YAP                                                                 |  

**TAVI**  
Stamford Lounge, Level 4  
1045 - 1200 hr  
*With Virtual Reality Teaching Case*

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| 1045 - 1200 | Chairpersons: Eberhard GRUBE, HO Kay Woon  
Panelists: HONG Myeong Ki, Michael LEE, Vincent LUK, Sanjay MEHROTRAM, Tom NGUYEN, Wasan UDAYACHALERM, YIN Wei Hsian |  
| 1045 - 1055 | Current Indications for TAVI and expanded future indications          | Eberhard GRUBE                                                               |  
| 1055 - 1105 | Contrast-free (Zero-contrast) TAVI for severe Aortic Stenosis in patient with chronic kidney disease | Eberhard GRUBE                                                               |  
| 1105 - 1115 | PCI challenges in patients after TAVI (case based discussion)         | Michael LEE                                                                  |  
| 1115 - 1145 | Virtual Reality Teaching Case                                         | HO Kay Woon                                                                  |  
| 1145 - 1155 | Ask the Experts                                                       | HO Kay Woon                                                                  |  
| 1155 - 1200 | Discussion                                                            | HO Kay Woon                                                                  |  

**LAA CLOSURE**  
Stamford Lounge, Level 4  
1400 - 1445 hr

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| 1400 - 1445 | Chairpersons: KOH Tian Hai, Teguh SANTOSO  
Panelists: CHING Chi Keong, Eric EECKHOUT, Sofian JOHAR, KIM Jung |  
| 1400 - 1410 | Importance of anatomy: Device selection and exclusions                 | Sofian JOHAR                                                                |  
| 1410 - 1420 | How to do transseptal puncture for LAA occlusion for complex anatomy   | Teguh SANTOSO                                                               |  
| 1420 - 1430 | Procedural techniques for LAA occlusion: Similarities and differences between Watchman and Amulet devices |  
| 1430 - 1440 | Challenging case presentations                                          | Muhammad MUNAWAR                                                            |  
| 1440 - 1445 | Discussion                                                             | Muhammad MUNAWAR                                                            |  

**RENAO DENERVATION**  
Stamford Lounge, Level 4  
1445 - 1530 hr

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| 1445 - 1530 | Chairpersons: CHIN Chee Tang, Michael NGUYEN  
Panelists: Sundeep MISHRA, ONG Tiong Kiam, Sharad SHETTY, TAY Jam Chin, Wan Azman WAN AHMAD, Joachim WEIL |  
| 1445 - 1453 | Renal denervation - what do the latest studies tell us?                 | CHIN Chee Tang                                                              |  
| 1453 - 1501 | Is there a role for renal denervation in current clinical practice?     | Joachim WEIL                                                                |  
| 1501 - 1507 | Discussion                                                             | Joachim WEIL                                                                |  
| 1507 - 1515 | Is this the person for renal denervation: A case discussion             | Wan Azman WAN AHMAD                                                         |  
| 1523 - 1530 | Discussion                                                             | Michael NGUYEN                                                             |  

**BALLOON PULMONARY ANGIOPLASTY**  
Stamford Lounge, Level 4  
1600hr - 1700 hr

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| 1600 - 1700 | Chairpersons: LIM Soo Teik, Hiromi MATSUBARA  
Panelists: Victor CHAO, Angus CHUI, Ivanido KUNTJORO, Yash Paul SHARMA, TAN Ju Le, James YIP |  
| 1600 - 1610 | Interventional anatomy of pulmonary vessels                            | Ivanido KUNTJORO                                                            |  
| 1610 - 1620 | Technical approach to BPA                                              | Hiromi MATSUBARA                                                            |  
| 1620 - 1630 | Treatment of complications and long-term results                        | Hiromi MATSUBARA                                                            |  
| 1630 - 1640 | Case illustration                                                      | Jonathan YAP                                                                 |  
| 1640 - 1650 | How to start a BPA programme                                           | LIM Soo Teik                                                                 |  
| 1650 - 1700 | Discussion                                                             | LIM Soo Teik                                                                 |  

Programme accurate as of 16 January 2019. Check the event app for the most updated programme.
CLINICAL CASES SESSION I
COMPLEX CORONARY PCI
Stamford Lounge, Level 4
1700 - 1800 hr

1700 - 1800 Chief Judge: Fahim JAFARY
Judges: Pandula ATHAUDA-ARACHCHI, Kenneth CHIN, GOH Yew Seong, Ryuichi KATO, KYAW Soe Win, Victor LIM, MD Mamunur RASHID, Sodiqur RIFQI

1700 - 1708 Post-CABG intervention in ACS: Complex trans-radial PCI to 2 lesions in tortuous RCA
Fathima Aaysha CADER

1708 - 1712 Discussion

1712 - 1720 Optical coherence tomography findings after DIAMONDBACK sanding for heavily calcified lesion
Katsuhide KITAGAWA

1720 - 1724 Discussion

1724 - 1732 A challenging NSTEMI case of Percutaneous Coronary Intervention after Transcatheter Aortic Valve Replacement
PHAN Tuan Dat

1732 - 1736 Discussion

1736 - 1744 The usefulness of a homemade Snare in a successful ostial CTO Case
Ryuzo HAYASHI

1744 - 1748 Discussion

1748 - 1756 Coronary aneurysm exclusion in a tortuous abdominal aortic course
Suma VICTOR

1756 - 1800 Discussion

1800 Prize Presentation to Session Winner

EXHIBITION AREA
PRESENTATION CORNER

CLINICAL CASES SPOTLIGHT II
Presentation Corner, Exhibition Area, Level 4
1530 - 1630 hr

1530 - 1630 Moderators: Doni FIRMAN, Frankie TAM, Than KYAING

1530 - 1540 OCT guided Stent optimization
Balaji PAKSHIRAJAN

1540 - 1550 Road to Hell!
Md Minhaj AREFIN

1550 - 1600 Primary PCI in anomalous RCA arising from left sinus of Valsalva (LSOV) through Trans-radial Route
Saheia NASRIN

1600 - 1610 Endovascular repair: Octopus technique
Varsha KIRON

1610 - 1620 Transcatheter arterial embolization to aneurysm rupture of deep femoral artery
Atsushi HOSOKAWA

1620 - 1630 Imaging guided PCI in severely calcified vessel: Usage of orbital atherectomy
Vincent LUK

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17 JANUARY 2019, THURSDAY

BRAS BASAH ROOM
(FAIRMONT EXECUTIVE MEETING ROOMS)
TRAINING VILLAGE

SINGAPORE LIVE 2019 TRAINING VILLAGE
Bras Basah Room (Fairmont Executive Meeting Rooms), Level 4
1100hr - 1200 hr (Practical Hands-on Training Session)

- Szabo Technique
  Trainer: Aaron WONG

Please register for this session at the National Heart Centre Singapore exhibition booth (Booth P1)

ABIOMED TRAINING VILLAGE
Bras Basah Room (Fairmont Executive Meeting Rooms), Level 4
1400 - 1500 hr
1600 - 1700 hr

- Principles of heart recovery with Impella and product setup

BOSTON SCIENTIFIC TRAINING VILLAGE
Bras Basah Room (Fairmont Executive Meeting Rooms), Level 4
1400 - 1500 hr
1600 - 1700 hr

- Rotablator
- Polaris
- Plaque Modification Portfolio

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18 JANUARY 2019, FRIDAY

MAIN ARENA

STAMFORD BALLROOM

LIVE CORONARY CASE FROM NATIONAL HEART CENTRE SINGAPORE: DIRECTIONAL ATERECTOMY
Stamford Ballroom, Level 4
0850 - 0955 hr

0850 - 0955 Chairperson: Aaron WONG, Etsuo TSUCHIKANE
Panelists: CHENG Jun Jack, Antonio COLOMBO, Giulio GUAGLIUMI, Yuji HAMAZAKI, Sundeep MISHRA, Rosli MOHD ALI, PARK Kyung Woo, Bruno SCHELLER, Harry SURYAPRANATA

0850 - 0900 Case presentation and discussion
0900 - 0940 Live case from National Heart Centre Singapore
Operators: KOH Tian Hai, CHIN Chee Yang
Imaging commentator: Junko HONYE

0940 - 0945 Panel discussion
0945 - 0955 Lecture: Beyond stenting: Current role of Drug-coated Balloons
Bruno SCHELLER

LIVE CORONARY CASE FROM NATIONAL HEART CENTRE SINGAPORE: ROTATIONAL ATERECTOMY
Stamford Ballroom, Level 4
1000 - 1105 hr

1000 - 1005 Chairpersons: Adrian LOW, Philip WONG
Panelists: Yoshifumi KASHIMA, Sidney LO, Joshua LOH, Masahiko OCHIAI, Asri Ranga ABDULLAH RAMAIHA, P.C RATH, Orazbek SAKHOV, ZHAO Jie

1000 - 1010 Case presentation and discussion
1010 - 1050 Live case from National Heart Centre Singapore
Operators: Reginald LOW, YEO Khung Keong, Albani Bernard Benjamin PASION
Imaging commentator: CHAN Kam Tin

1050 - 1055 Panel discussion
1055 - 1105 Lecture: Robotic assisted PCI: Future technology now!
Paul ONG

LIVE CASE FROM NATIONAL HEART CENTRE SINGAPORE: TAVI
Stamford Ballroom, Level 4
1110 - 1200 hr

1110 - 1200 Chairpersons: LIM Soo Teik, Michael LEE
Panelists: Angus CHUI, Antonio COLOMBO, KIM Jung Sun, NGUYEN Ngoc Quang, Shinya OKAZAKI, Kenny SIN, Frankie TAM, Edgar TAY, Damras TRESUKOSOL, YIN Wei Hsian

1110 - 1120 Case presentation and discussion
1120 - 1155 Live case from National Heart Centre Singapore
Operators: HO Kay Woon, SOON Jia Lin, Jonathan YAP
Imaging commentator: EWE See Hooi
Expert commentator: Tom NGUYEN

1155 - 1200 Panel discussion

LUNCH SYMPOSIUM WITH LIVE CASE FROM NATIONAL HEART CENTRE SINGAPORE:
REVOLUTIONARY CHANGE TO LESION ASSESSMENT! SIMPLICITY IS BEST!
CORONARY PHYSIOLOGY GONE WIRELESS!
ANGIOGRAPHY BASED QUANTITATIVE FLOW RATIO (QFR)
SPONSORED BY B BRAUN SINGAPORE
Stamford Ballroom, Level 4
1210 - 1340 hr
Lunch bentos provided inside the session room

1210 - 1240 Chairpersons: Aaron WONG, Niels HOLM
Panelists: Takashi AKASAKA, GOH Yew Seong, Fahim JAFARY, LEOW Khang Leng, LIM Ing Haan, Bruno SCHELLER

1210 - 1215 Opening
Aaron WONG

1215 - 1245 Live Transmission from National Heart Centre Singapore
Operators: Paul ONG, Philip WONG, Muhammad Bin Idu JION

1245 - 1300 The Favour II European Japan Study: Diagnostic performance of in-procedure Angiography-Derived quantitative flow reserve compared to pressure-derived Fractional Flow Reserve
Niels HOLM

1300 - 1315 Tips and tricks of QFR and early experience in South East Asian patients
Fahim JAFARY

1335 - 1340 Closing
Niels HOLM

LIVE CORONARY CASE FROM NATIONAL HEART CENTRE SINGAPORE: IMAGING
Stamford Ballroom, Level 4
1400 – 1500 hr

1400 - 1500 Chairpersons: YEO Khung Keong, Takashi AKASAKA
Panelists: CHAN Kam Tin, CHIN Chee Yang, DINH Duc Huy, Niels HOLM, HONG Myeong Ki, Junko HONYE, Prashant KAUL, KIM Yongcheol, ONG Tiong Kiam, ZHAO Jie

1400 - 1410 Case Presentation and discussion
1410 - 1445 Live case from National Heart Centre Singapore
Operators: Adrian LOW, FAM Jiang Ming

1445 - 1500 Panel discussion

1450 - 1500 Lecture: Current and future role of physiological guidance in PCI: FFR, iFR and CTCA
Takashi AKASAKA

Programme accurate as of 16 January 2019. Check the event app for the most updated programme.
### LIVE CASE FROM NATIONAL HEART CENTRE SINGAPORE: BALLOON PULMONARY ANGIOPLASTY

Stamford Ballroom, Level 4
1505 – 1550 hr

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1505</td>
<td>Chairperson: <strong>Edgar TAY, KOH Tian Hai</strong>&lt;br&gt;Panelists: <strong>Charles CHAN, Victor CHAO, Shozo ISHIHARA, LAM Ho, LEE Cheng Han, David LO, PHUA Ghee Chee, RUAN Wen</strong></td>
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<tr>
<td>1505</td>
<td>Case Presentation and discussion</td>
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<tr>
<td>1515</td>
<td>Live case from National Heart Centre Singapore&lt;br&gt;Operators: <strong>Hiromi MATSUBARA, LIM Soo Teik, Jonathan YAP</strong></td>
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### LIVE CASE FROM NATIONAL HEART CENTRE SINGAPORE & CLOSING CEREMONY

Stamford Ballroom, Level 4
1555 – 1700 hr

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<tr>
<td>1555</td>
<td>Chairpersons: <strong>KOH Tian Hai, Aaron WONG</strong>&lt;br&gt;Panelists: <strong>Johan BENNETT, Yadav BHATTA, Doni FIRMAN, Sidney LO, Adrian LOW, Sundeep MISHRA, Al Fazir OMAR, Paul ONG</strong></td>
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<tr>
<td>1555</td>
<td>Case Presentation and discussion</td>
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<tr>
<td>1605</td>
<td>Live case from National Heart Centre Singapore&lt;br&gt;Operators: <strong>Jack TAN, Muhammad Bin Idu JION, Murari Prasad BARAKOTI</strong></td>
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### AWARDS PRESENTATION AND CLOSING CEREMONY

Stamford Ballroom, Level 4

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<th>Time</th>
<th>Event</th>
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<tr>
<td>1645</td>
<td>Best Abstract Winner: Third Prize&lt;br&gt;Best Abstract Winner: Second Prize&lt;br&gt;Best Abstract Winner: First Prize&lt;br&gt;&lt;strong&gt;Cash prizes for Best Abstracts Winners are proudly sponsored by Chien Foundation&lt;/strong&gt;</td>
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<tr>
<td>1655</td>
<td>Best Clinical Case Winner*&lt;br&gt;&lt;strong&gt;Winner was pre-selected based on case submissions&lt;/strong&gt;</td>
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<tr>
<td>1655</td>
<td>Closing remarks&lt;br&gt;<strong>KOH Tian Hai</strong></td>
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**BREAKFAST SYMPOSIUM: INNOVATIVE PCI STRATEGIES AGAINST COMPLEX CASES WITH NEWEST DEVICES**

**SPONSORED BY KANEKA CORPORATION**

Morrison Room (Atrium Ballroom), Level 4
0800 – 0845 hr

*Breakfast sets provided outside the session room*

**Learning Objectives:**
- To master CRUSADE DLC, Mizuki microcatheter and KUSABI exchange catheter for CTO and complex lesions
- To learn state of the art techniques to treat CTO lesion
- To conquer CTO and complex lesions using newest devices

0800 - 0845 Chairpersons: **LIM Soo Teik, Sidney LO**  
Panelists: **Scott HARDING, Fahim JAFARY, Adrian LOW**

0800 - 0803 Session objectives  
0803 - 0813 The KUSABI “Trapping” Balloon: How & when to use in the Cath Lab  
Fahim JAFARY

0813 - 0816 Discussion and audience interaction  
0816 - 0826 Practical use of the Mizuki microcatheter  
Adrian LOW

0826 - 0829 Discussion and audience interaction  
0829 - 0839 Conquering Complex PCI and CTO Using the Latest Devices  
Scott HARDING

0839 - 0842 Discussion and audience interaction  
0842 - 0845 Session evaluation and key learnings  
Sidney LO

**LEFT MAIN SESSION**

**IN COLLABORATION WITH INDOLENSIAN SOCIETY OF INTERVENTIONAL CARDIOLOGY (ISIC)**

Morrison Room (Atrium Ballroom), Level 4  
0900 - 1015 hr

0900 - 1015 Chairpersons: **Jack TAN, Sunarya SOERIANATA**  
Panelists: **Achmad Fauzi YAHYA, Eric EECKHOUT, GUO Wen Yi, David LO, Simon LO, Antonia Anna LUKITO, Fazlia MALIK, NGUYEN Quang Tuan, Sohigur RIFQI, Teguh SANTOSO**

0900 - 0910 Current landscape of Left Main PCI  
**Jack TAN**

0910 - 0915 Case Presentation: NSTE-ACS with Left Main Disease (Indonesia)  
**Doni FIRMAN**

0915 - 0920 What is my approach to this case  
**Jack TAN**

0920 - 0925 How did I approach this case  
**Doni FIRMAN**

0925 - 0930 Discussion  
0930 - 0935 Case Presentation: ectatic LM (Thailand)  
**Purich SURUNCHUPAKORN**

0935 - 0940 What is my approach to this case  
**GUO Wen Yi**

0940 - 0945 How did I approach this case  
**Purich SURUNCHUPAKORN**

0945 - 0950 Discussion  
0950 - 0955 Case presentation: Unprotected LM Trifurcation (Indonesia)  
**Muhammad MUNAWAR**

0955 - 1000 What is my approach to this case  
**Hiroyuki TANAKA**

1000 - 1005 How did I approach this case  
**Muhammad MUNAWAR**

1005 - 1010 Discussion  
1010 - 1015 Conclusions

**CHALLENGING LEFT MAIN & STRUCTURAL HEART CASES**

**A SESSION BY CARDIOLOGY SOCIETY OF INDIA - NATIONAL INTERVENTIONAL COUNCIL (CSI - NIC)**

Morrison Room (Atrium Ballroom), Level 4  
1045 - 1200 hr

1045 - 1200 Chairpersons: **A Sreenivas KUMAR, P.C Rath**  
Panelists: **VK BAHL, CHOO Gim Hooi, DO Van Chien, Philip KOH, LIEW Boon Wah, Sundeep MISHRA, Al Fazir OMAR, Karnakar RAPOLU**

1045 - 1050 Introduction  
**A Sreenivas KUMAR**

1050 - 1100 Left Main Interventions – where do we stand in 2019? What does the evidence say?  
**A Sreenivas KUMAR**

1100 - 1110 Case examples – Different types of left main Interventions  
**Ravi Kumar ALURI**

1110 - 1120 How to treat a left main trifurcation case  
**VK BAHL**

1120 - 1130 Case examples – showing real benefits and regrets on follow up  
**Prathapkumar NATARAJAPILLAI**

1130 - 1140 TAVR current update in moderate & low risk AV Disease  
**Sanjay MEHROTRA**

1140 - 1150 Trends of Valve Interventions in India with case examples  
**Sanjay MEHROTRA**

1150 - 1200 Discussion

**LUNCH SYMPOSIUM: SUPERIOR PATIENT OUTCOMES WITH RESORBABLE TECHNOLOGIES**

**SPONSORED BY BIOTRONIK ASIA PACIFIC**

Morrison Room (Atrium Ballroom), Level 4  
1210 - 1340 hr

*Lunch bento provided outside the session room*

**Learning Objectives:**
- To discover the proven clinical performance of Bioresorbable Polymer DES
- To experience the current DES benchmark in clinical practice
- To be updated with the latest clinical evidence of Resorbable Magnesium Scaffold (RMS)
- To learn best case practices of Resorbable Magnesium Scaffold implantation

1210 - 1340 Chairpersons: **KOH Tian Hai**

Programme accurate as of 16 January 2019. Check the event app for the most updated programme.
### 18 JANUARY 2019, FRIDAY
Panelists: Johan BENNETT, LAM Ho, Joshua LOH, TRUONG Quang Binh, Wasan UDAYACHALERM, VU Hoang Vu

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<tr>
<td>1210 - 1215</td>
<td>Opening</td>
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<tr>
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<td>KOH Tian Hai</td>
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<tr>
<td>1215 - 1235</td>
<td>Ultrathin struts. Superior patient outcome</td>
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<td>Joshua LOH</td>
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<tr>
<td>1235 - 1250</td>
<td>A case of how I treat complex chronic total occlusion</td>
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<td>Wasan UDAYACHALERM</td>
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<tr>
<td>1250 - 1305</td>
<td>Resorbable Magnesium Scaffold: New clinical insights</td>
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<td>Johan BENNETT</td>
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<td>1305 - 1320</td>
<td>A case of my patient based approach with</td>
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<td>Resorbable Magnesium Scaffold</td>
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<td>TRUONG Quang Binh</td>
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<td>1320 - 1335</td>
<td>Q&amp;A</td>
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<td>1335 - 1340</td>
<td>Closing</td>
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<td>KOH Tian Hai</td>
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### COMPLICATIONS SESSION II
Morrison Room (Atrium Ballroom), Level 4
1400 - 1515 hr

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<td>1400 - 1515</td>
<td>Chairpersons: Eric EECKHOUT, Sidney LO</td>
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<td>Panelists: Michael LEE, Antonia Anna LUKITO, NG Swee Choon, Asri Ranga</td>
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<td>ABDULLAH RAMAIAH, Sodiqur RIFQI, Aman SALWAN, Rajesh Pravinchand SHAH, Julian TAN</td>
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<td>1400 - 1415</td>
<td>Short Left Main: Devil wears Prada</td>
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<td>Himanshu GUPTA</td>
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<td>1415 - 1420</td>
<td>Discussion</td>
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<td>1420 - 1425</td>
<td>Management strategies for this case</td>
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<td>Sidney LO</td>
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<td>1425 - 1440</td>
<td>Burr after Burr</td>
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<td>Deborah LEE</td>
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<td>1440 - 1445</td>
<td>Discussion</td>
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<td>1445 - 1450</td>
<td>Management strategies of this type of complication</td>
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<td>Wasan UDAYACHALERM</td>
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<td>1450 - 1505</td>
<td>Man proposes, but God disposes (Call for)</td>
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<td>Md Minhaj AREFIN</td>
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<td>1505 - 1510</td>
<td>Discussion</td>
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<tr>
<td>1510 - 1515</td>
<td>Management strategies of this type of complication</td>
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<td>Sunarya SOERIENATA</td>
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### INTRACORONARY IMAGING AND PHYSIOLOGY TRAINING SESSION
Morrison Room (Atrium Ballroom), Level 4
1545 - 1645 hr

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<td>1545 - 1645</td>
<td>Chairpersons: Ronald LEE, CHIN Chee Yang</td>
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<td>Panelists: Prashant KAUL, LIM Ing Haan, VU Hoang Vu, Nikolas WANAHTA, ZHAO Jie</td>
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<tr>
<td>1545 - 1605</td>
<td>Image interpretation of IVUS for complex PCI types</td>
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<td>Junko HONYE</td>
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<td>1605 - 1615</td>
<td>Discussion</td>
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<tr>
<td>1615 - 1635</td>
<td>Image interpretation of OCT for complex PCI types</td>
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<td>Niels HOLM</td>
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<td>1635 - 1640</td>
<td>OCT for left main assessment (with case illustration): Why not?</td>
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<td>KIM Yongcheol</td>
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<td>1640 - 1645</td>
<td>Illustrative OCT Case Presentation</td>
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<td>Damras TRESUKOSOL</td>
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Programme accurate as of 16 January 2019. Check the event app for the most updated programme.
Breakfast Symposium: Renal Denervation

Room 3
Hullet Room (Atrium Ballroom)

Symposium: Complex PCI and TAVI Sharing

Nursing and Allied Health Symposium II

Lunch Symposium: Hotline Debate in DM Patients: Bridging the Gap Between Evidence (Guidelines) and Everyday Clinical Practice

Programme accurate as of 16 January 2019. Check the event app for the most updated programme.
Acquire the skills to perform DK Crush bifurcation stenting in an interactive teaching session. Facilitators will guide delegates in a step-by-step manner to help them gain the technical skills in this complex technique.

Delegates should be able to achieve the learning objectives through in-depth discussions of the various treatment strategies with the experienced facilitators and the expert panel.

1400 - 1505 Facilitators: HO Hee Hwa, HO Kay Woon, Al Fazir OMAR
Experts: Ravi Kumar ALURI

1505 - 1515 Lessons from the European Bifurcations Club
Niels HOLM

CLINICAL CASES SESSION II
COMPLICATIONS AND STRUCTURAL HEART INTERVENTIONS
Hullet Room (Atrium Ballroom), Level 4
1545 - 1645 hr

1545 - 1645 Chief Judge: Maurice CHOO, CHENG Jun Jack
Judges: Chandra Mani ADHIKARI, MG AZAM, Amin Ariff BIN NURUDDIN, Michael LIM, Dinesh NAIR, THAN Hitke Aung, TRUONG Quang Binh

1545 - 1553 Coronary artery perforation during rotational atherectomy in the tortuous vessel
Takaaki TSUCHIYAMA

1553 - 1557 Discussion
1557 - 1605 Never ever forget to crush the stent before implantation
Noparat ONIEM

1605 - 1609 Discussion
1609 - 1617 An extensive dissection from the ostial RCA to the Valsalva sinus
Yukika MATSUO

1617 - 1621 Discussion
1621 - 1629 Post MI ventricular septal rupture with heart failure: Device closure
Keshavamurthy Ganapathy BHAT

1629 - 1633 Discussion
1633 - 1641 When it pops out: Restart all over again from the beginning?
Takehiro YAMASHITA

1641 - 1645 Discussion
1645 Prize Presentation to Session Winner
TIPS AND TRICKS I: CORONARY INTERVENTIONS
Stamford Lounge, Level 4
0900 - 1015 hr

0900 - 1015 Chairpersons: LIM Soo Teik, NGUYEN Ngoc Quang
Panelists: Chandra Mani ADHIKARI, Patrick ANG, DINH Duc Huy, Ryuzo HAYASHI, LAM Ho, Patrick LIM, NG Swee Choon

1015 - 1200 hr
Leveraging on virtual reality case recording, this session will show participants how to use rotablator. Facilitators will guide the participants through each step of the procedure and discuss the technical details and issues to be considered in its application, in order to achieve a successful procedural outcome.

Delegates should be able to achieve the learning objectives through in-depth discussions of the various treatment strategies with the experienced facilitators and the expert panel.

Facilitators: CHIN Chee Tang, Rosli MOHD ALI, Andrew ONG
Experts: Yoshifumi KASHIMA, Fazila MALIK

STEP-BY-STEP GUIDE TO: ROTABLATOR
Stamford Lounge, Level 4
1045 - 1200 hr
With Virtual Reality Teaching Case

TIPS AND TRICKS II: CORONARY INTERVENTIONS
Stamford Lounge, Level 4
1400 - 1515 hr

1400 - 1515 Chairpersons: Aaron WONG, Muhammad MUNAWAR
Panelists: CHENG Jun Jack, Stanley CHIA, Scott HARDING, Takashi KAJIYA, Anek KANOKSILP, Than KYAING, LEOW Khang Leng, MD Mamunur RASHID

1400 - 1410 Contralateral injection using single access puncture to image CTO lesions
ZHANG Bin

1410 - 1415 Discussion
1415 - 1425 Distal drug infusion for no reflow
KOH Tian Hai
1425 - 1430 Discussion
1430 - 1440 Szabo technique
Aaron WONG
1440 - 1445 Discussion
1445 - 1455 Sealing coronary perforation using hydrophilic guidewires
Krishnakishore GOYAL
1455 - 1500 Discussion
1500 - 1510 Modified side branch balloon protection
Yutaka TANAKA
1510 - 1515 Discussion

EXHIBITION AREA
PRESENTATION CORNER

CLINICAL CASES SPOTLIGHT III
Presentation Corner, Exhibition Area, Level 4
1015 - 1115 hr

1015 - 1115 Moderators: Yadav BHATTA, Ryuzo HAYASHI, Simon LO
1015 - 1025 Who is the culprit
Anand KUMAR
1025 - 1035 Had I had one inch longer Inoue balloon
IRFAN Muhammad
1035 - 1045 All's well is not well, but ends well!
Aashish CHOPRA
1045 - 1055 Unexpected coronary perforation during PCI
Murari Prasad BARAKOTI
1055 - 1105 PCI for angulated Type C coronary lesion (Murphy's Law)
Kalaichelvan UTHAYAKUMARAN
1105 - 1115 How to perform bilateral angiography with single guide catheter for CTO PCI
Ryuichi KATO
1115 - 1125 Giant Coronary Aneurysm in Immunoglobulin G4 Related Disease
Alex TAN

CLINICAL CASES SPOTLIGHT IV
Presentation Corner, Exhibition Area, Level 4
1300 - 1400 hr

1300 - 1400 Moderators: MG AZAM, CHOO Gim Hooi, Sunarya SOERIANATA
1300 - 1310 Left Main PCI through right transradial approach in a patient of anomalous great vessel
Md Saqif Shahriar
1310 - 1320 IVUS vs OCT with Dextran - 40 guidance during PCI to Cardiac allograft vasculopathy
Nandhakumar VASU
1320 - 1330 Complex PCI in calcified vessels & rotablation by transradial route
Saheba NASRIN
1330 - 1340 Stent optimisation using 3D OCT Stent detection software
Srinivasan NARAYANAN
1340 - 1350 Coronary aneurysm-post DES status
Krishna KISHORE
1350 - 1400 The cost of saving cost?
Wishnu Aditya WIDODO

Programme accurate as of 16 January 2019. Check the event app for the most updated programme.
CLINICAL CASES SPOTLIGHT V
Presentation Corner, Exhibition Area, Level 4
1445 - 1545 hr

1445 - 1545 Moderators: Kenneth CHIN, Himanshu GUPTA, Leslie LAM
1445 - 1455 Successful angioplasty with rotablation of difficult left main bifurcation lesion
Yathish GOWDA
1455 - 1505 Unexpectedly sudden fluroscopy breakdown during emergency coronary intervention
JUNG Jong-won
1505 - 1515 Bifurcation lesion: What could we do
Md Shafiqul Islam
1515 - 1525 Dextran-OCT in SVG in-stent restenosis
Ramachandran PARAMASIVAM
1525 - 1535 LMCA Interventions
Krishna KISHORE
1535 - 1545 Stent Dislodgement
DO Van Chien

BRAS BASAH ROOM
(FAIRMONT EXECUTIVE MEETING ROOMS)
TRAINING VILLAGE

SINGAPORE LIVE 2019 TRAINING VILLAGE
Bras Basah Room (Fairmont Executive Meeting Rooms), Level 4 (Practical Hands-on Training Session)
0900 - 1200 hr

0900 - 1000 Guide extension catheter tips and tricks
CHIN Chee Tang
1100 - 1200 Reverse Wiring Technique
KOH Tian Hai

MEDTRONIC TRAINING VILLAGE
Bras Basah Room (Fairmont Executive Meeting Rooms), Level 4
1045 - 1145 hr

• Renal denervation
• Bifurcation culotte techniques

ABBOTT TRAINING VILLAGE: TRAIN MEDICAL TRAINERS (TMT) PROGRAMME
Bras Basah Room (Fairmont Executive Meeting Rooms), Level 4
1400 - 1700 hr

1400 - 1420 CTO lecture, hands-on guidance
Toshiya MURAMATSU
1420 - 1430 Bifurcation hands-on guidance
CHIN Chee Tang
1430 - 1700 Hands on session: CTO & Bifurcation
Toshiya MURAMATSU, CHIN Chee Tang, Kohei KOYAMA
1700 Adjourn

Each participant can try either CTO or Bifurcation as a 1st or 2nd operator. Participant size limited. Pre-registration required.

EDWARDS LIFESCIENCES TRAINING VILLAGE
Bras Basah Room (Fairmont Executive Meeting Rooms), Level 4
1500 - 1600 hr

Programme accurate as of 16 January 2019. Check the event app for the most updated programme.