

# CCT

Complex Cardiovascular Therapeutics 2018

# 2018



# Coronary

Dates

**October 25** thu.- **27** sat., 2018

Venues

Kobe International Exhibition Hall  
Portopia Hotel, Kobe, Japan

Update  
Program

CCT Website  <https://cct.gr.jp/>

*Challenge and  
Innovation* 

Coronary

Peripheral

Surgical

Structural Heart Diseases

Co-medical

### Honorary Advisors

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Hanaoka Seishu Memorial Cardiovascular Clinic

Tomoaki Hinohara  
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Hoshi General Hospital

Eisho Kyo  
Kusatsu Heart Center

Satoru Otsuji  
Higashi Takarazuka Satoh Hospital

Takahiko Suzuki  
Toyohashi Heart Center

Kinzo Ueda  
Rakuwakai Marutamachi Hospital

Masahisa Yamane  
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Robaayah Zambahari  
National Heart Institute Malaysia, Malaysia

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Kazuhiro Ashida  
Seirei Yokohama Hospital

Maoto Habara  
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Ichiro Hamanaka  
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Yuji Hamazaki  
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Kurashiki Central Hospital

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Takafumi Tsuji  
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Higashi Takarazuka Satoh Hospital

Ichiro Hamanaka  
Rakuwakai Marutamachi Hospital

Kenya Nasu  
Toyohashi Heart Center

Takafumi Tsuji  
Kusatsu Heart Center

(Alphabetical order)

## Course Objectives

As the CCT2018 Representative Coronary Course Director, I would like to deliver a message.

From last year, CCT has made a fresh start in a new organization under Dr. Etsuo Tsuchikane, the new chairman of the board of CCT Supervisory Directors. CCT, which was established in 2001, has been consistently focusing on PCI treatment for complex coronary artery lesion and "new challenge" has always been the theme to the present day. After 17 years, we believe that unchanged CCT spirit is summarized by the following two points. The first point is removal of secrecy in treatment. Recently, we sometimes are raised a question against the way of treatment during live transmission from the perspective of maintaining privacy and protecting personal information. However, CCT considers that revealing everything and providing an open discussion regarding the procedure such as the treatment during live transmission are the required attitude for medical staff nowadays. As the second point, never being satisfied with the present state, CCT has always been taking innovative attitude and tackling treatment motivated by a new idea. In recent years, treatment guidelines for various diseases have been offered. Although guidelines are useful in deciding basic treatment plans, they have an aspect of comparative evaluation of treatment methods established by existing results. Therefore, a novel treatment will never be produced by a treatment relied on the guidelines. The forerunners who founded CCT have been producing new devices and techniques through varieties of inventive treatment ideas and sharing the information to the world so far. Thanks to this, the number of attendees for CCT has been growing every year and recorded a large number of 5,416 in 2017. We very much appreciate your kind contribution. Especially, the number of medical doctors from overseas has been dramatically increasing recently. We take pride that activities of CCT are widely recognized and evaluated not only within Japan but also all over the world.

CCT2018 is the second year under the new organization. Last year, Dr. Tsuchikane stated "Change" as the theme of the meeting and the direction is also constant this year. We would like you to look forward the program of CCT2018 since we are going to plan it in order to achieve a variety of new theme including clinical use of the latest imaging modality and PPI in addition to application of PCI treatment to CTO or LMT lesion treatment strategies which has continuously been tackled by CCT.

As always, we are waiting for you in the beautiful autumnal Kobe this year.

Yasumi Igarashi  
CCT2018 Representative Coronary Course Director

**Language**

**Coronary** English

Simultaneous interpretation is available:

English and Japanese: Coronary Theater, Themed Theater, Room 3, Room 5, Room 6

Japanese and Chinese: Room 9 AM(Oct.25), Room 12 AM(Oct.26)

※Except for sponsored sessions.

-  English translation available
-  Japanese only
-  Japanese translation available
-  Chinese translation available

**Registration Fee**

Online Registration ➔ <https://cct.gr.jp/2018/>

Medical	3 days	JPY 35,000
Medical	1 day	JPY 20,000
Medical(Intern)*	3 days	JPY 10,000
Co-medical	3 days	JPY 4,000
Industrial Professional	3 days	JPY 35,000

\* Medical(Intern) is required to present certification showing they are currently in the internship (4 years period) after graduation from medical school. Failure to do this will be charged the on-site registration fee of Medical. Pre-registration is not required.

\*\* A student can attend the live course free of charge. Please present your student ID or equivalent documents at the on-site registration desk. Pre-registration is not required.

**Notification**

No smoking on all site.

No photography and video shooting without permission.

**Food and Beverages**

Coffee service will be offered at Kobe International Exhibition Hall 1, 1F and Portopia Hotel South Wing, 1F. (Service time is limited)

Light meals will be served before morning session and fireside session.

Lunch boxes will be served before luncheon seminar.

**Secretariat**

CCT Administration Office

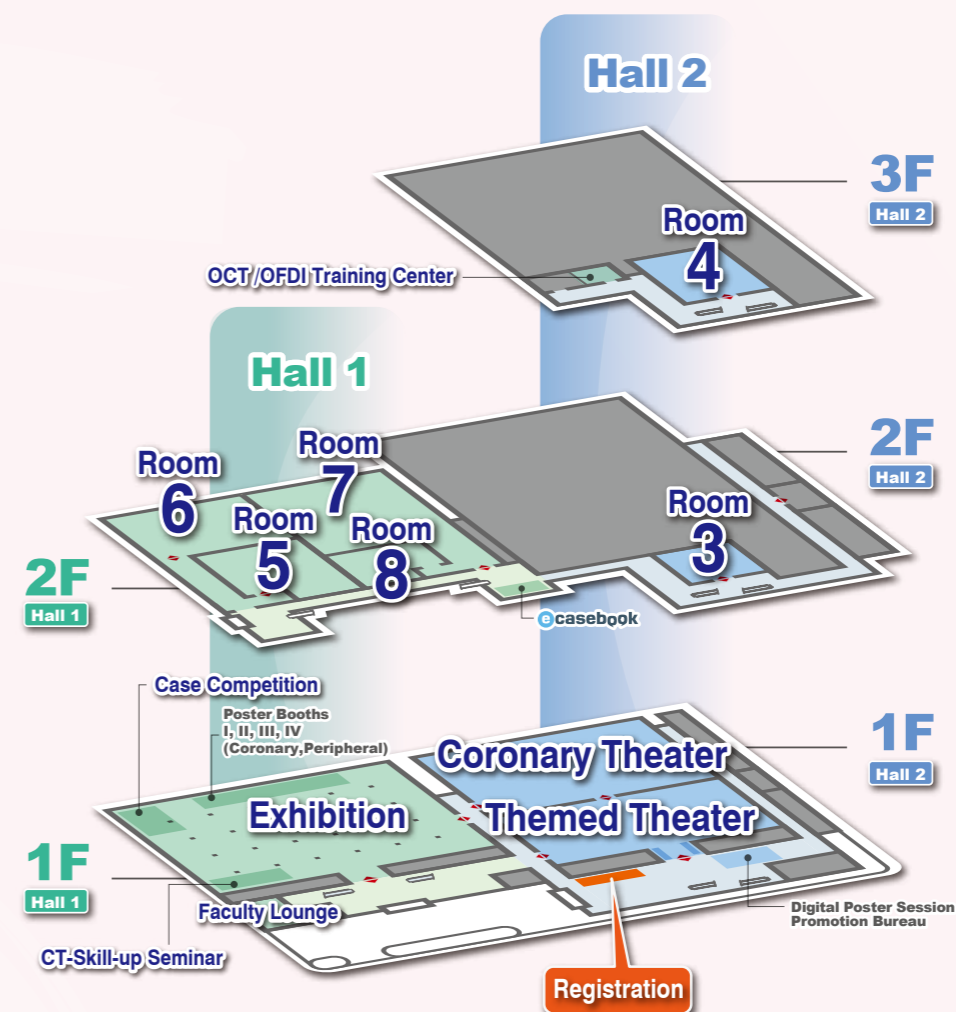
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※本会出席により、日本心血管インターベンション治療学会専門医・認定医資格更新単位が3点(1日1点)取得できます。

**Kobe International Exhibition Hall**



**Opening Hours**

**Registration Desk**

Kobe International Exhibition Hall 2, 1F

Oct. 25, 26 7:15 - 17:00

Oct. 27 7:15 - 15:00

**Faculty Registration Desk**

Kobe International Exhibition Hall 1, 1F

Oct. 25, 26 7:15 - 17:00

Oct. 27 7:15 - 15:00

**Exhibition**

Kobe International Exhibition Hall 1, 1F

Oct. 25, 26 8:30 - 18:00

Oct. 27 8:30 - 16:00

**Free Wi-Fi Spots**

Free Wi-Fi is available in all theaters, rooms and exhibition. Please note that the network may be unstable according to the number of connecting users.

**Activity**



**AMEX Club: CCT Fun Run 2018**

Date: Oct. 27(Sat.) 7:00-8:00

Location: Kobe Portland

Distance: 5km

Meeting Point: Portopia Hotel, 1F The lobby

Participation Fee: Free

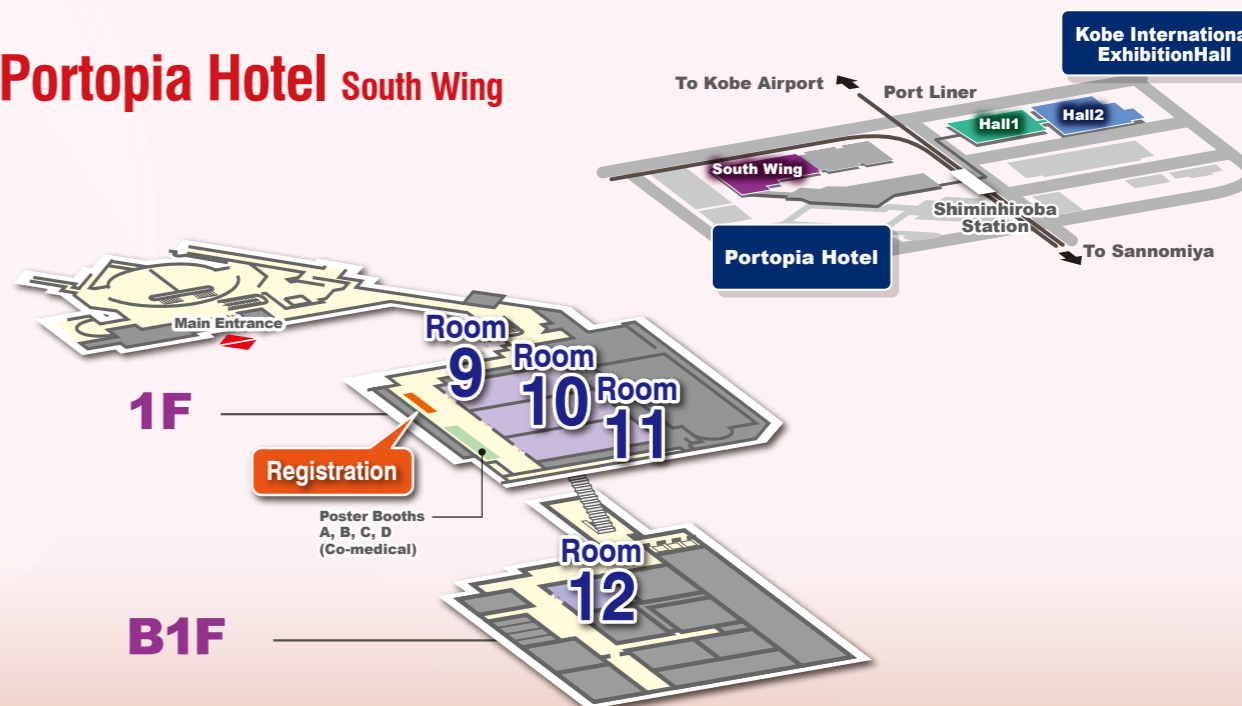
Notes: To be canceled in case of rain

You're invited to participate in the CCT Fun Run, where you can enjoy a 5km course in Kobe Portland. Receive an event T-shirt and enjoy the beautiful scenery of Kobe while jogging. This fun themed running event is the perfect balance for both new and seasoned runners. Please gather in the lobby on the first floor at the Portopia Hotel at 7:00.

No entry fee and registration are required.

*Toshiyuki Matsumura (Kumamoto Rosai Hospital, Japan)*  
*The President of AMEX Club (Anti Metabolic syndrome with EXercise)*

**Portopia Hotel South Wing**



## Live Case Transmissions

### PCI Live Case Transmissions / Themed Live Case Transmissions

We strive to provide an incomparable live demonstration course that is more challenging and ambitious every year. In the PCI Live course, operators will demonstrate outstanding techniques and strategies for complex cases. In the Themed Live course, we will focus on each complex lesion such as Bifurcation, CTO, DCA, LMT and EVT. Our expert operators will demonstrate exciting approaches by outlining every aspect of strategy and procedural details. We are convinced that you can learn a variety of prominent techniques founded by CCT by attending these live courses.

#### Thursday, October 25

##### The Cardiovascular Institute Hospital

Operators:  
Hiromasa Katoh  
Yuji Oikawa  
Etsuo Tsuchikane  
Junji Yajima

##### Tokeidai Memorial Hospital

Operators:  
Yuji Hamazaki  
Yasumi Igarashi  
Takafumi Tsuji  
Masaru Yamaki

#### Friday, October 26

##### Higashi Takarazuka Satoh Hospital

Operators:  
Tomohiro Kawasaki  
Eisho Kyo  
Shunsuke Matsuno  
Satoru Otsuji  
Junya Shite  
Ryohei Yoshikawa

##### Sakurabashi Watanabe Hospital

Operators:  
Atsunori Okamura  
Yoshihiro Takeda  
Etsuo Tsuchikane

#### Saturday, October 27

##### Toyohashi Heart Center

Operators:  
Maoto Habara  
Shingo Hosogi  
Yoshihisa Kinoshita  
Kenya Nasu  
Etsuo Tsuchikane  
Junji Yajima

### APCTO Club@CCT

Coordinators: Hsien-Li Kao, Etsuo Tsuchikane

#### Part I

Now into our 4th-year since APCTO was established in 2015 for the purpose of promoting the appropriate CTO-PCI in Asian-Pacific region, we wish to thank everyone for their support and cooperation. As APCTO algorithm was already published late last year to provide a contrasting strategy to the hybrid algorithm, we will be more focused on striving towards "practice over theory" in the days ahead. This year in our main session in CCT, we are going to have the IT proctorship live in Taiwan broadcasted to Kobe and all the expert proctors are coaching the operator from Kobe during the live case. We wish this would be a great opportunity for all the participants to discuss and seek the optimal teaching and education. Thank you in advance for taking part in APCTO club @ CCT.

See p.45, 57

#### APCTO Young Member Session: Specific issues with APCTO Club algorithm

Friday, October 26 10:30-12:30 Room 5

During CCT2018, the APCTO Club will host a special Young Member Session on Saturday the 27th. At 4th year after establishment, the Club have started recruiting new members to increase our influence in a wider CTO PCI community. The theme of the Session is to focus on the clinical applicability of our Algorithm, in comparison to other practices. Cases will be presented by Young Members, and detail comments given by corresponding Directors. Topics includes the technique and timing of ADR, parallel and IVUS-guided antegrade wiring, and methods to solve difficult retrograde wiring. Hopefully this session will provide in-depth understanding of our Algorithm to the attending audience, and highlight its uniqueness.

See p.65, 72

### Chinese Perspectives on Live Case Transmission

Coordinator: Eisho Kyo

Thursday, October 25 9:10-12:00 Room 9

Friday, October 26 9:10-12:00 Room 12

We have planned a new session for the purpose of deepening exchanges with physicians from the Chinese-speaking regions and CCT. Regarding the details of more precise Complex PCI techniques and how to handle the devices, we realize that it is more efficient to discuss in both native languages, and we can gain a deeper understanding. Therefore, we have prepared a Chinese and Japanese simultaneous interpretation service in order for participants from both language-speaking regions to be able to discuss in their mother language.

Moreover, in the conventional live case transmissions, it is common to discuss between operators in the cath lab and session chairs or discussants in the venue. However, the operators themselves are very busy with their procedures and it takes time for a two-way conversation, therefore it often does not enable us to discuss well enough. On the other hand, it is also very useful to objectively discuss the concept of devices and techniques to be used in the operations without operators by using images from live case transmissions. In this session, we will hold discussions with participants at the specially prepared room while watching real time live images from the main hall on the day.

Please do not miss this session, which will be held at a special room of the Portopia Hotel in the mornings of the first day (October 25) and second day (October 26) of CCT2018. We hope to have a lively discussion with you.

See p.25, 40, 48, 61

### Live case pre-discussion session

7:30-8:20 Room 5

#### Thursday, October 25

Chairs:  
Ichiro Hamanaka  
Hiroyuki Tanaka

Discussers:  
Souichirou Ebisawa  
Ryo Gotoh  
Fumitaka Hosaka  
Kenichiro Shimoji  
Satoru Tohara

#### Friday, October 26

Chairs:  
Kazuhiro Ashida  
Kaoru Iwabuchi

Discussers:  
Hidetoshi Abe  
Shingo Hosogi  
Hiroyuki Kunii  
Makoto Sekiguchi  
Shigeo Sugawara  
Satoru Tohara

#### Saturday, October 27

Chairs:  
Yuji Oikawa  
Takafumi Tsuji

Discussers:  
Takenori Domei  
Hiroshi Fujita  
Rei Fukuhara  
Koshi Matsuo  
Hisayuki Okada  
Shinji Tayama

### CCT Live Playback Session

The CCT Live Playback Session is a CCT original session that no other live demonstration courses have. This session mainly targets play back live cases with the CCT directors, and analyzes and explains the overall strategy and tactics in every aspect. Young doctors of the next generation who are in charge can stand at the live case operator's eye level and better understand the live cases from various angles will discuss thoroughly with the CCT directors about the strategy and tactics on the platform.

In the logical debate between the CCT directors (masters) and young doctors, discussion will not only be about the strategy and tactics of live cases but also about the CCT lead masters' point of view. Of course, it is important to learn from our supervisors, but at the same time, we will welcome comments and opinions from young doctors who are tackling daily cases with their beliefs. We hope that you will speak freely and actively from the stage as well as from the participant seats. Since we provide Japanese-English simultaneous interpretation in this session, it will also be a good opportunity for doctors from overseas to learn the CCT strategy and mind in detail.

We would like to use this session as a good opportunity to lead CCT's PCI technology and spirit to a higher level and towards the future by having an audience participation type discussion with a focus on "Inheritance of technology and CCT mind". We look forward to an active and full participation from everyone.

#### Friday, October 26

13:30-15:30 Masters: Osamu Katoh, Junji Yajima

Moderator: Takafumi Tsuji

Comentators: Hiroshi Asano, Hiroto Kano  
Hiromasa Katoh, Yuichi Kobori  
Koshi Matsuo, Yuji Oikawa  
Kimihiro Usui

16:00-18:00 Master: Yasumi Igarashi, Osamu Katoh

Moderator: Takafumi Tsuji

Comentators: Noriko Makiguchi, Wataru Nagamatsu  
Soji Nishio, Yoshihisa Shimada  
Teppei Sugaya, Tomohiko Teramoto  
Masaru Yamaki

#### Saturday, October 27

8:30-10:00 Masters: Osamu Katoh, Ryohei Yoshikawa

Moderator: Kazuhiro Ashida

Comentators: Kiyoshi Hibi, Kenji Kawajiri  
Ken Kongoji, Shunsuke Matsuno  
Kenichiro Shimoji, Hiroyuki Tanaka  
Satoru Tohara

10:30-11:50 Masters: Osamu Katoh, Yoshihiro Takeda

Moderator: Takafumi Tsuji

Comentators: Rei Fukuhara, Yoshifumi Kashima  
Toru Kataoka, Takashi Matsuo  
Hiroyuki Nagai, Hiroshi Ohta  
Masaharu Okada

## ●TAMAI Memorial Lecture

Thursday, October 25 13:30-14:00

Impact of Intracoronary Imaging on the Evolution of PCI - From Balloon Angioplasty to Bioresorbable Scaffolds

Gary S. Mintz

See p.18, 31

## ●Scientific Programs

### Fellow Course

Coordinator: Kenya Nasu

Japanese  
only

Room 8

CCT2018 will hold a Fellow Course. In this year's Fellow Course, we have prepared to begin with the FFR course, which is now essential for deciding the adaptation of PCI, as well as the IVUS/OCT/OFDI course to deepen an understanding of imaging devices, which is essential for decision-making of lesion therapy.

In addition, we are going to have the courses of CTO, bifurcation lesions and calcified lesions. For the treatment of such complicated coronary artery lesions, it is important to prevent and cope with complications as well as understanding the characteristics of lesions and treatment methods. We hope that the courses will be an opportunity for participants to deepen their understanding of treatments for various lesions.

### Thursday, October 25

8:30-12:20 CTO

See p.38

### Friday, October 26

8:30-12:20 Calcified lesion

See p.60

13:30-15:30 Physiology (FFR)

See p.61

### Saturday, October 27

8:30-12:00 Bifurcation lesion

See p.75

10:10-11:50 IVUS/OCT/OFDI

See p.75

## Thursday, October 25

### DES

Coordinator: Kazuhiro Ashida

8:30-10:30 Room 5

In the first half of the session, focusing on the use of DES in Japan, we are going to have lecturers to speak about different usage of DES between facilities and operators due to their policies, especially, the choice of DES depending on complicated lesions such as CTO, bifurcation lesions and calcified lesions as well as patient backgrounds (including DAPT period). Afterwards, we will provide time to deepen the discussion by all the participants.

In the latter half of the session, taking into consideration that it is an international meeting which is a characteristic of CCT, we are going to discuss about the situation of stent use in foreign countries and the reasons for its selection including medical economy with commentators from Japan. By this discussion, we aim to play a part in knowing the global PCI environment. We hope that we can provide a place for all participants to be able to learn a new idea regarding DES selection in daily practice.

See p.22, 35

### Complications during complex PCI: How to avoid, how to manage

Coordinator: Ichiro Hamanaka

10:30-12:10 Room 5

Complications during PCI are associated with significant morbidity and mortality. The most important thing when we encounter a complication is never to lead serial complications during the bailout procedure. For that reason, we need to be well aware of how to avoid and how to manage through them.

Because we cannot experience all of them by ourselves, it is important to learn from others' experience and to keep a large stock of bailout procedures.

Through this program, we hope that a deeper understanding of various procedures will help both the operators and patients.

See p.22, 35

### Calcified lesions

Coordinator: Shigeru Nakamura

14:00-15:20 Room 5

In the PTCA era, calcified lesions are the factor for an unsuccessful PTCA result.

DES has dramatically reduced the restenosis rate and has come up to the major player in PCI. Since operators are not required to have special skills, it is normal to "Just stent it".

Recently, most operators do not pay attention to calcium in lesions. However, even in the DES era, calcium is one of the predictors of poor long-term prognosis.

The appearance of OFDI/OCT provides us with insight on how the calcium forms in the lesion, which is almost impossible to judge by IVUS. According to the OFDI information, daily practice is changing to remove calcified plaque using atherectomy devices, rather than to operate high pressure stenting.

In this session, we will discuss how to handle calcified lesions, how to treat calcified lesions, and show the future direction for treatment of calcified lesions.

See p.23, 36

### CHIP and supported PCI

Coordinator: Satoru Otsuji

17:00-18:00 Room 5

There has been an increasing number of patients with coronary artery disease who need coronary intervention (PCI) but they have extremely high risks for complications and may need ventricular supported devices during the procedure. It has been called CHIP (Complex Higher risk Indicated Percutaneous coronary intervention) for several years. Nowadays, many challenging cases (Left main, calcified lesion, CTO, etc.) have been successfully treated by PCI, however, we must be well versed in supported devices when treating these high-risk patients. In this session, after introducing the outline of CHIP and supported devices, we will discuss indication and limitation of these supported devices and would like to show "TIPS of CHIP" for using them.

See p.23, 36

### OCT/OFDI-guided PCI A to Z

Coordinators: Takayuki Okamura, Junya Shite

10:30-12:20 Room 6

OCT/OFDI enable us to measure the lumen diameter and lesion length precisely, and to speculate tissue character.

With the development of software such as angio co-registraion and 3D reconstruction, OCT/OFDI should be utilized as an efficient PCI-guide. This session will take you through OCT/OFDI-guided PCI from basic to advanced, A to Z.

See p.23, 37

### Tips for PCI procedures that will be useful to know

Coordinator: Tomohiro Kawasaki

14:00-15:30 Room 9

In PCI treatment, there are tips of useful techniques to know provided from Japan. Individual tips have been reported or heavily used during the procedures; however, we have few opportunities to learn them all at once.

In this session, "Tips for PCI procedures that will be useful to know", our lecturers will explain the advantages and disadvantages of individual tips while having detailed examples. We hope that many young physicians who are learning PCI will participate and deepen their knowledge.

See p.25

## Friday, October 26

### Physiology

Coordinators: Hitoshi Matsuo, Nobuhiro Tanaka

8:30-10:20 Room 6

It is essential to confirm the presence of ischemia as an indication for PCI. Because FFR/iFR can be conducted in the cardiac catheter labo, it is rapidly spreading as a modality for that proof. Since it is possible to show the result with a numerical value, it seems easy to do at first glance. However, many tricks are required for its technique, interpretation and application in order to use it properly. This session has been planned so that participants can understand the basics of FFR/iFR, the characteristics and the differences between FFR and iFR, and to learn how to utilize FFR/iFR in various clinical situations in practice. Furthermore, we would like to deepen our understanding of the significance of FFR/iFR by discussing prognostic values and medical economic aspects.

See p.46, 58

## Friday, October 26

### CT -Thorough verification of CTO-PCI failure cases by using CT information-



Coordinator: Masaaki Okutsu

10:20-12:20 Room 6

The initial result of CTO-PCI has been improved by much gained knowledge and several types of techniques. However, there are always some unsuccessful lesions even if we apply all means. There should be some causes for procedural failure in these cases. In order to improve CTO-PCI techniques, it is essential to verify the causes, however, there are limits when verifying with only an angiogram. CT image has been improved and much CTO information, which is invisible in an angiogram, has been visualized in CT. Pre-procedural CT has become a required examination before CTO-PCI today. The aim of this program is to thoroughly verify why the procedure failed and causes for failure by using CT information.

Firstly, two presenters will introduce their own CTO failure cases. Secondly, two "My insight" presenters will discuss the important points in using CT for these failure cases and predict the outcome. Finally, all case presenters will discuss the outcome. We will obtain some clues for successfully overcoming difficult CTO cases by discussing the problems and what should be done with the CT information.

See p.46, 59

### DCA



Coordinators: Maoto Habara, Yoshitane Seino

13:30-15:20 Room 6

Three years have passed since DCA therapy was revived in Japan. While the data showing the effectiveness of new DCA has been reported, it was also reported that safe and good results could be expected without using DCA after second generation DES was approved for use. In this session, we would like to review the effectiveness and adapted lesions of DCA with the belief that, after three years, the time has come to do it. In the first part of the session, we will report on the current situation of DCA in Japan including the clinical studies. In the second part of the session, after having the detailed explanations regarding the data and cases from Japan, we will discuss the necessity of DCA with participants including overseas doctors who cannot use DCA.

We believe that, after three years since its revival, this session will help to create a better understanding of the present and future of DCA.

See p.47, 59

### CTO



Coordinator: Junji Yajima

16:00-18:00 Room 6

The development of devices and techniques for chronic total occlusion (CTO) has improved the success rate of PCI as well as the restenosis rate.

However, the planning process of a PCI strategy and the PCI method to be selected differs in each region. Therefore, we invited three lecturers who are from different regional registries in order for participants to compare the differences among three registries and know what they should learn from them.

In CTO-PCI, which is believed to be difficult to conduct randomized controlled trial (RCT), two randomized controlled trials were recently reported. We would like two lecturers to provide the details of two RCTs and deepen discussion about the future directions of PCI operators.

The algorithm of CTO treatment based on the current state of the Asia Pacific regions was published at the end of last year. As the final topic, we will provide the details in this CCT session because it is very educational content that can be used as an educational tool for young interventionalists and it is necessary to enlighten participants with details as a basis of CTO-PCI strategy.

See p.47, 60

## Saturday, October 27

### LMT PCI



Coordinator: Atsunori Okamura

10:00-11:50 Room 6

For LMT-PCI, the optimal stent placement procedure is required due to the size of its basin for perfusion. In this session, considering the current situation of LMT-PCI in other countries, we will offer information about its adaptation, the selection of stents from the engineering point of view, the usage of imaging modalities in practical procedures, various stenting techniques and the application of debulking, mainly DCA. We aim to clarify the optimal procedures and issues at present in this session.

See p.67, 74

## International Joint Sessions

### Thursday, October 25

8:30-10:20

#### TCTAP@CCT Complex PCI and TAVR: Make it simple!

10:30-12:20

#### Complex intervention from the Middle East

14:00-15:50

#### TTT@CCT: Unusual PCI case sharing

16:00-18:00

#### Chinese Society of Cardiology@CCT

8:00-9:00

#### SCC@CCT 1

Room 3 See p.20, 32

Room 3 See p.20, 33

Room 3 See p.21, 34

Room 3 See p.21, 34

Room 9 See p.25, 39

### Friday, October 26

8:30-10:20

#### CIAT@CCT "The most educated cases in complex PCI"

10:30-12:20

#### CIT@CCT: Case-based discussion on complex and high-risk PCI

13:30-15:20

#### ISIC@CCT: Indonesia presents a hot topics in interventional cardiology

10:30-12:20

#### APCTO Club Part 1

8:00-9:00

#### SCC@CCT 2

Room 3 See p.42, 55

Room 3 See p.42, 55

Room 3 See p.43, 56

Room 5 See p.45, 57

Room 12 See p.48, 61

### Saturday, October 27

8:30-10:00

#### Taiwan CTO Club@CCT

10:00-11:50

#### APCTO Young Member Session: Specific issues with APCTO Club algorithm

13:00-14:30

#### Encore Seoul@CCT

Room 3 See p.64, 71

Room 3 See p.65, 72

Room 3 See p.65, 73

### "Collect & Win" Lottery

Please pick up a stamp sheet at Registration and collect stamps by attending the below sessions.

# Thursday, October 25

		7:30	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	
Kobe International Exhibition Hall 2	Coronary Theater			PCI Live Case Transmission Tokaidai Memorial Hospital				Luncheon Seminar Challenge to the complex ~Japan Quality~ TERUMO CORPORATION		PCI Live Case Transmission The Cardiovascular Institute Hospital						
	Themed Theater			Themed Live Case Transmission The Cardiovascular Institute Hospital  "Focus Live" ASAHI INTECC CO., LTD.				Luncheon Seminar Master the complex - On the front lines of complex lesion treatment - Boston Scientific Japan K. K.	TAMAI Memorial Lecture	Themed Live Case Transmission Tokaidai Memorial Hospital						
	Room 3			TCTAP@CCT Complex PCI and TAVR: Make it simple!		Complex intervention from the Middle East		Luncheon Seminar Introduction of advanced technology and practical example to clinical case SHIMADZU CORPORATION		TTT@CCT: Unusual PCI case sharing		Chinese Society of Cardiology@CCT				
	Promotion Bureau										Digital Poster Session 1					
Kobe International Exhibition Hall 1	Room 5	Morning Session Live case pre-discussion session		DES		Complications during complex PCI: How to avoid, how to manage		Luncheon Seminar Role of ultrathin strut Orsiro DES in daily clinical practice Japan Lifeline Co., Ltd.		Calcified lesions		Complex lesion treatment : Let us change your mind		CHIP and supported PCI		Fireside Session The extreme discussion from the insight of developing operators Abbott Vascular Japan Co., Ltd., ASAHI INTECC CO., LTD., Boston Scientific Japan K.K., Japan Lifeline Co., Ltd., KANEKA MEDIX CORPORATION, Medikit Co., Ltd., Medtronic Japan Co., Ltd., NIPRO CORPORATION, OrbisNeich Medical, K.K., TERUMO CORPORATION
	Room 6			We need IVUS!		OCT/OFDI-guided PCI A to Z		Luncheon Seminar What's new in coronary physiology? ZEON MEDICAL INC./Japan Lifeline Co., Ltd.		Master's contribution in complex PCI		Retrograde CANON MEDICAL SYSTEMS CORPORATION				
	Room 8			Fellow Course "CTO"				Luncheon Seminar Anti-platelet therapy for coronary artery disease: Current status and clinical problems Takeda Pharmaceutical Company Limited		Don't miss it! The front lines of physiological PCI, 2018 Abbott Vascular Japan Co., Ltd.		DCB Summit NIPRO CORPORATION				
	Case Presentation Room			Case Competition				Luncheon Seminar To the expert of PCI/PPI utilizing online forum - What will e-casebook give you? - Heart Organization Co., Ltd.		Best Intra-coronary imaging Competition (BIC)		Case Competition				
	Poster Booth			Long, diffuse lesion, small vessel/Ostial, bifurcated lesion		Others 1				Session 1		Session 2		LMT/Restenosis		
Portopia Hotel South Wing	Room 9	Morning Session SCC@CCT 1		Chinese Perspectives on Live Case Transmission 1 ASAHI INTECC CO., LTD., CANON MEDICAL SYSTEMS CORPORATION, KANEKA MEDIX CORPORATION, NIPRO CORPORATION, TERUMO CORPORATION		Chinese Perspectives on Live Case Transmission 2 ASAHI INTECC CO., LTD., CANON MEDICAL SYSTEMS CORPORATION, KANEKA MEDIX CORPORATION, NIPRO CORPORATION, TERUMO CORPORATION				Tips for PCI procedures that will be useful to know		Bifurcation Club@CCT -Joint session of JBC-KBC-		Job Fair for interventional cardiologist 2018		

# Friday, October 26

		7:30	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00
Kobe International Exhibition Hall 2	Coronary Theater			<b>PCI Live Case Transmission</b> Higashi Takarazuka Satoh Hospital <small>"Petit Focus Live" CANON MEDICAL SYSTEMS CORPORATION</small>				Luncheon Seminar What to consider to select the right wire IV - CTO guide wire selection and exchange - <small>ASAHI INTECC CO., LTD.</small>	<b>PCI Live Case Transmission</b> Sakurabashi Watanabe Hospital "Focus Live" <small>Boston Scientific Japan K.K.</small>						
	Themed Theater			<b>SHD Live Case Transmission</b> Sendai Kousei Hospital				Luncheon Seminar Optimal decision for ACS patient <small>Abbott Vascular Japan Co., Ltd.</small>	<b>Themed Live Case Transmission</b> Higashi Takarazuka Satoh Hospital "Focus Live" <small>Abbott Vascular Japan Co., Ltd.</small>						
	Room 3	2F		CIAT@CCT2018 "The most educated cases in complex PCI"	CIT@CCT: Case-based discussion on complex and high-risk PCI <small>CANON MEDICAL SYSTEMS CORPORATION</small>		Luncheon Seminar The most memorable CTO case <small>SHIMADZU CORPORATION</small>	ISIC@CCT: Indonesia presents a hot topics in interventional cardiology	Coffee Break Session High resolution angioscope <small>OVALIS Ltd.</small>	Stingray session "Beyond Hybrid" <small>Boston Scientific Japan K.K.</small>	Fireside Session Why do we use Resolute Onyx? - Korean vs. Japanese perspective				
	Promotion Bureau	1F			Promotion Session <small>Abbott Vascular Japan Co., Ltd.</small>			Promotion Session <small>Abbott Vascular Japan Co., Ltd.</small>	Promotion Session <small>Abbott Vascular Japan Co., Ltd.</small>		Digital Poster Session 2				
Kobe International Exhibition Hall 1	Room 5	Morning Session	Live case pre-discussion session	Trend in ACS treatment	APCTO Club Part 1		Luncheon Seminar RO2018 -design and practical consideration for bifurcation stenting <small>Medtronic Japan Co., Ltd.</small>	CCT Playback Session 1: The Cardiovascular Institute Hospital Session		Coffee Break Session Experts' wire selection logics <small>Abbott Vascular Japan Co., Ltd.</small>	CCT Playback Session 2: Tokeidai Memorial Hospital Session		Fireside Session Angio-based physiology with QFR: Results from meta-analyses and clinical research in Japan <small>Medis medical imaging systems bv / NIPRO CORPORATION</small>		
	Room 6	2F		Physiology	CT -Thorough verification of CTO-PCI failure cases by using CT information-		Luncheon Seminar Evidence based iFR and daily practice <small>Philips Japan, Ltd.</small>	DCA		Coffee Break Session Evidence based optimal IVUS criteria <small>Boston Scientific Japan K. K.</small>	CTO				
	Room 8			Fellow Course "Calcified lesion"			Luncheon Seminar Beyond the image! New generation angiography system "Alphenix" <small>CANON MEDICAL SYSTEMS CORPORATION</small>	Fellow Course "Physiology (FFR)"		Indian session "Managing complex case" <small>TERUMO CORPORATION</small>		International special session "Challenging to the complex" <small>TERUMO CORPORATION</small>			
	Case Presentation Room			Case Competition			Luncheon Seminar To the expert of PCI/PPI utilizing online forum - What will e-casebook give you? - <small>Heart Organization Co., Ltd.</small>	Case Competition							
	Poster Booth	1F		CTO 1      Others 2      AMI, ACS 1				Others 3      Calcified lesion 1      AMI, ACS 2							
Portopia Hotel South Wing	Room 12	B1F	Morning Session SCC@CCT 2	Chinese Perspectives on Live Case Transmission 3 <small>ASAHI INTECC CO., LTD. CANON MEDICAL SYSTEMS CORPORATION KANEKA MEDIX CORPORATION NIPRO CORPORATION TERUMO CORPORATION</small>		Chinese Perspectives on Live Case Transmission 4 <small>ASAHI INTECC CO., LTD. CANON MEDICAL SYSTEMS CORPORATION KANEKA MEDIX CORPORATION NIPRO CORPORATION TERUMO CORPORATION</small>		Luncheon Seminar Logical device selection for complex lesion <small>KANEKA MEDIX CORPORATION</small>	J-WINC@CCT: Never mind the standard/ criteria! Let's think and give it a try: Rotablator and orbital atherectomy			The experts's view for Slender PCI 2018: Complex intervention via distal radial artery			



# Saturday, October 27

		7:30	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	
Kobe International Exhibition Hall 2	Coronary Theater			<b>PCI Live Case Transmission</b> Toyohashi Heart Center				Luncheon Seminar PCI optimization, latest topics and trend Abbott Vascular Japan Co., Ltd.	<b>PCI Live Case Transmission</b> Toyohashi Heart Center							
	Themed Theater			<b>Themed Live Case Transmission</b> Toyohashi Heart Center				Luncheon Seminar Toward improvement of clinical outcomes in coronary intervention ~Optimal PCI and optimal medical therapy~ Amgen Astellas Biopharma K.K. Asteras Pharma Inc.	<b>Themed Live Case Transmission</b> Toyohashi Heart Center							
	Room 3			Taiwan CTO Club@CCT	APCTO Young Member Session: Specific issues with APCTO Club algorithm		Luncheon Seminar Ikari Curve with Launcher and Taiga - consideration of "the right thing in the right place" Medtronic Japan Co., Ltd.	Encore Seoul@CCT								
	Room 4		Korean Session		Peripheral Program											
Promotion Bureau	1F					Promotion Session Abbott Vascular Japan Co., Ltd.										
Kobe International Exhibition Hall 1	Room 5	Morning Session Live case pre-discussion session		CCT Live Playback Session 3: Higashi Takarazuka Satoh Hospital Session		Coffee Break Session The latest clinical update from ESC/TCT Boston Scientific Japan K. K.	CCT Live Playback Session 4: Sakurabashi Watanabe Hospital Session		Luncheon Seminar Know the difference: Efficacy of Biolimus A9 and potency of polymer-free stent ~Not all the Limus are the same~ Cardinal Health Japan	Hands-on & Training Center Echo Hands-on Seminar GE Healthcare Japan Corporation						
	Room 6			Antegrade CTO		LMT PCI			CCTI@CCT: International cardiac CT conference for complex intervention							
	Room 8			Fellow Course "Bifurcation lesion" Japanese only		Fellow Course "IVUS/OCT/OFDI" Japanese only		Luncheon Seminar Diagnosis, procedure and medical treatment for complex lesion and patients DAIICHI SANKYO COMPANY, LIMITED								
	Case Presentation Room	1F	Case Competition				Case Competition		Case Competition							
			AMI, ACS 3		Calcified lesion 2			CTO 2		CTO 3						

Thursday, October 25

Coronary Theater

**PCI Live Case Transmission** 

**Tokeidai Memorial Hospital**

Operators

Yuji Hamazaki, Yasumi Igarashi, Takafumi Tsuji, Masaru Yamaki

IVUS Commentators

Tomoko Kobayashi, Shinjo Sonoda, Teppei Sugaya

8:30-10:30 **PCI Live Case Transmission 1**

Chairs

Kenya Nasu, Kinzo Ueda, Hee-Yeol Kim

Commentators

Souichirou Ebisawa, Seung Ho Hur, Shih-Chi Liu, Akira Nakano, Koji Oku, Makoto Sekiguchi, Hiroki Uehara, Takashi Yamamoto

10:30-12:20 **PCI Live Case Transmission 2**

Chairs

Masahiko Ochiai, Yoshihiro Takeda, Taehoon Ahn, Ron Waksman

Commentators

Kam Tim Chan, Kenji Kawajiri, Feng-Yu Kuo, Wataru Nagamatsu, Masami Sakurada, Hideo Takebayashi

**Luncheon Seminar** 

12:30-13:30 **Challenge to the complex ~Japan Quality~**

Chairs

Satoru Otsuji, Junya Shite

Lecturers

My experience of new balloon "Ryurei"  
Satoru Sumitsuji

Best practice of Ultimaster Tansei  
Katsumi Ueno

What can we expect from the 3rd generation DES  
Gaku Nakazawa

Co-sponsored by  
TERUMO CORPORATION

**TAMAI Memorial Lecture** 

13:30-14:00 **TAMAI Memorial Lecture**

Chairs

Tomoaki Hinohara, Satoru Otsuji

Lecturer

Impact of intracoronary imaging on the evolution of PCI - From balloon angioplasty to bioresorbable scaffolds  
Gary S. Mintz

**PCI Live Case Transmission** 

**The Cardiovascular Institute Hospital**

Operators

Hiromasa Katoh, Yuji Oikawa, Etsuo Tsuchikane, Junji Yajima

IVUS Commentators

Kenichi Fujii, Junko Honye, Kenichi Tsujita

14:00-16:00 **PCI Live Case Transmission 3**

Chairs

Tomoaki Hinohara, Satoru Otsuji, Nicolaus J. Reifart, Georgios Sianos

Commentators

Hidenari Hozawa, Kaoru Iwabuchi, Nae Hee Lee, Soo Teik Lim, Koshi Matsuo, Hisayuki Okada, Jie Qian, Yoshihisa Shimada

16:00-18:00 **PCI Live Case Transmission 4**

Chairs

Yasushi Asakura, Junya Shite, I-Chang Hsieh, Renu Virmani

Commentators

Yoshihide Fujimoto, Shinya Fujita, Kiyoshi Hironaga, Tetsuro Kataoka, Muenpetch Muenkaew, Masaaki Okutsu, Sunarya Soerianata

Themed Theater

**Themed Live Case Transmission** 

**The Cardiovascular Institute Hospital**

Operators

Hiromasa Katoh, Yuji Oikawa, Etsuo Tsuchikane, Junji Yajima

IVUS Commentators

Kenichi Fujii, Junko Honye, Kenichi Tsujita

8:30-10:30 **Themed Live Case Transmission 1**

Chairs

Atsunori Okamura, Masahisa Yamane, Lei Ge, Pravin K. Goel

Commentators

Roberto Garbo, Keiji Hirooka, Chien-Ming Huang, Takayuki Ishihara, Makoto Kadotani, Ki Seok Kim, Ken Kongoji, Ryoji Koshida

8:30-10:30 **<Focus Live>**

**Short lecture**

Have you experienced NC Kamui? - Latest lineup and information -  
Seiji Yamazaki

Co-sponsored by  
ASAHI INTECC CO., LTD.

10:30-12:20 **Themed Live Case Transmission 2**

Chairs

Maoto Habara, Yoshihisa Kinoshita, Hyo-Soo Kim, Sundeep Mishra

Commentators

Vinay Kumar Bahl, Mitsugu Hirokami, Than Htay, Takashi Kajiya, Katsuhiko Masamura, Yuichi Noguchi, Patraporn Srirattana, Hidenobu Terai

**Luncheon Seminar** 

12:30-13:30 **Master the complex - On the front lines of complex lesion treatment -**

Chairs

Yoshihisa Kinoshita, Yukio Ozaki

Lecturers

Yukio Ozaki  
Takashi Muramatsu  
Yoshifumi Kashima  
Yoshihisa Kinoshita

Co-sponsored by  
Boston Scientific Japan K. K.

**TAMAI Memorial Lecture** 

13:30-14:00 **TAMAI Memorial Lecture**

Chairs

Tomoaki Hinohara, Satoru Otsuji

Lecturer

Impact of intracoronary imaging on the evolution of PCI - From balloon angioplasty to bioresorbable scaffolds  
Gary S. Mintz

**Themed Live Case Transmission** 

**Tokeidai Memorial Hospital**

Operators

Yuji Hamazaki, Yasumi Igarashi, Takafumi Tsuji, Masaru Yamaki

IVUS Commentators

Tomoko Kobayashi, Shinjo Sonoda, Teppei Sugaya

14:00-16:00 **Themed Live Case Transmission 3**

Chairs

Ryohei Yoshikawa, Mitsuyasu Terashima, Antonio Colombo

Commentators

Andrea Gagnor, Fumitaka Hosaka, Ren Kawaguchi, Bon-Kwon Koo, A.V. Ganesh Kumar, Sum Kin Leung, Shinya Okazaki, Kimihito Usui

16:00-18:00 **Themed Live Case Transmission 4**

Chairs

Keiichi Igarashi Hanaoka, Satoru Sumitsuji, Hsien-Li Kao, Gerald S. Werner

Commentators

Jang-Whan Bae, Tony DeMartini, Toru Kataoka, Hiroyuki Kunii, Masatoshi Miyahara, Shiro Ono, Takeshi Serikawa, Takeshi Suzuki

Room 3

**International Joint Session**



**8:30-10:20 TCTAP@CCT Complex PCI and TAVR: Make it simple!**

Welcome & introductory remarks  
*Seung-Jung Park*

**<8:30-9:32> Part 1: Complex PCI: LM, multi-vessel and CTO-PCI**

**Chairs**  
*Antonio Colombo, Satoru Otsuji, Seung-Jung Park*

**Panelists**  
*Seung-Whan Lee, Soo Teik Lim, Yoshinobu Onuma, Teguh Santoso, Hiroki Shiomi, Ron Waksman*

**Featured lectures**

**Lecturers**  
10-year long-term outcomes: MAINCOMPARE registry and IRIS-MAIN substudies  
*Duk-Woo Park*

10-year long-term outcomes: SYNTAX trial  
*Yoshinobu Onuma*

10-year long-term outcomes: CREDO-Kyoto registry  
*Hiroki Shiomi*

Where is the benefit of CTO PCI?: Insights from the DECISION-CTO Trial  
*Seung-Jung Park*

Panel discussion and Q & A

**Complex PCI case-based learning: Integral concept with imaging and physiology**

**Lecturers**  
Complex LM & bifurcation PCI  
*Antonio Colombo*

Panel discussion and Q & A

Complex CTO-PCI  
*Seung-Whan Lee*

Panel discussion and Q & A

**<9:32-10:20> Part 2: TAVR in Asia and world**

**Chairs**  
*Kentaro Hayashida, Duk-Woo Park, Ron Waksman*

**Panelists**  
*Jung-Min Ahn, I-Chang Hsieh, Do-Yoon Kang, Renu Virmani*

**Featured lectures**

**Lecturers**  
Pathology of TAVR and future perspectives  
*Renu Virmani*

CT algorithm for perfect TAVI with S3  
*Do-Yoon Kang*

TAVR in Asia, Korea, and AMC  
*Jung-Min Ahn*

TAVR in Japan  
*Kentaro Hayashida*

TAVR in US  
*Ron Waksman*

Panel discussion and Q & A

Closing remark with brief wrap-up  
*Duk-Woo Park*

Adjourn

**International Joint Session**



**10:30-12:20 Complex intervention from the Middle East**

Open Session  
*Ali Sulieman Almasood*

**<10:30-11:30> Session 1: Complex coronary cases**

**Chairs**  
*Abdullah Al Naeemi, Kenya Nasu, Masaaki Okutsu*

**Commentators**  
*Souichirou Ebisawa, Jungo Furuya, Takashi Morita, Muhammad Munawar, Prathap Kumar N., Jun Tanigawa*

**Lecturers**  
Complexity from the Middle East  
*Ali Sulieman Almasood*

Case presentation  
*Samih Lawand*

How I should treat  
*Prathap Kumar N.*

How I treated  
*Samih Lawand*

Case presentation  
*Hisham Hussain*

How I should treat  
*Ryo Gotoh*

How I treated  
*Hisham Hussain*

**<11:30-12:20> Session 2: TAVI complex**

**Chairs**  
*Ali Sulieman Almasood, Kenya Nasu, Hisayuki Okada*

**Commentators**  
*Kazuki Mizutani, Takashi Morita, Tamer Moustafa, Sunarya Soerianata*

**Lecturers**  
Video case  
*Rada Aboul Atta*

Case presentation  
*Hisayuki Okada*

How I should treat  
*Abdullah Khushail*

How I treated  
*Hisayuki Okada*

Case presentation  
*Rada Aboul Atta*

How I should treat  
*Kazuki Mizutani*

How I treated  
*Rada Aboul Atta*

Close session  
*Ali Sulieman Almasood*

**Luncheon Seminar**

**12:30-13:30 Introduction of advanced technology and practical example to clinical case**

**Chair**  
*Takashi Kajiya*

**Lecturers**  
Application of autologous fat in management of coronary perforation  
*Feng-Yu Kuo*

Data to deliver value in cardio-vascular medicine  
*Mark Horrigan*

3D wiring in CTO-PCI  
*Hiroyuki Nagai*

Co-sponsored by  
**SHIMADZU CORPORATION**

**International Joint Session**



**14:00-15:50 TTT@CCT: Unusual PCI case sharing**

**Chairs**  
*Hsien-Li Kao, Eisho Kyo, Hideo Nishikawa, Chiung-Jen Wu*

**Panelists**  
*I-Chang Hsieh, Tse-Min Lu, Ji-Hung Wang*

**Lecturers**  
Opening  
*Hsien-Li Kao*

Case 1  
*Chuan-Lei Chao*

Discussion

Case 2  
*Atsunori Okamura*

Discussion

Case 3  
*Shih-Wei Meng*

Discussion

Case 4  
*Yoshihiro Takeda*

Discussion

Case 5  
*Feng-Yu Kuo*

Discussion

Case 6  
*Satoru Tohara*

Discussion

Closing  
*Eisho Kyo*

**International Joint Session**



**16:00-18:00 Chinese Society of Cardiology @ CCT**

**Chairs**  
*Eisho Kyo, Hongbing Yan*

**Panelists**  
*Ichiro Hamanaka, Yoshifumi Kashima, Weimin Li, Jianfang Luo, Makoto Sekiguchi, Hu Tao, Shiniciro Yamada*

**Lecturers**  
CTO-PCI: Do or not to do, is it a question?  
*Jianfang Luo*

CTOCC CTO-PCI algorithm  
*Lei Ge*

Retrograde approach CTO-PCI: My own experiences  
*Bin Zhang*

IVUS guided CTO-PCI  
*Jie Qian*

Case presentation: IVUS guided CTO-PCI  
*Yu Cao*

Case presentation: ADR for RCA CTO-PCI  
*Weixian Yang*

Case presentation: Retrograde approach for LAD CTO-PCI  
*Pengcheng He*

Case presentation: Rotablator in LAD CTO-PCI  
*Jianning Ma*

Room 5

**Morning Session**

7:30-8:20 **Live case pre-discussion session**

Chairs  
Ichiro Hamanaka, Hiroyuki Tanaka

Discussers  
Souichirou Ebisawa, Ryo Gotoh, Fumitaka Hosaka, Kenichiro Shimoji, Satoru Tohara

**Scientific Program**

8:30-10:30 **DES**

<8:30-9:30> **[Part 1] Use of DES in Japan**

Chairs  
Yutaka Hikichi, Yoichi Nozaki

Commentators  
Shozo Ishihara, Naoya Maehira, Hideki Okayama, Shinya Okazaki

Lecturers  
Takayuki Okamura  
Yohei Numasawa  
Hiroyuki Tanaka  
Yoritaka Otsuka

Discussion

<9:30-10:30> **[Part 2] Trend of DES overseas**

Chairs  
Masashi Iwabuchi, Peng Qu, Shigeru Nakamura

Commentators  
Kentaro Jujo, Yoshifumi Kashima, Katsuhiko Kawaguchi, Satoru Tohara, Shinichiro Yamada

Lecturers  
Trend of DES in China  
Ben He

Trend of DES in China  
Hongbing Yan

Trend of DES in India  
Prathap Kumar N.

Trend of DES in Singapore  
Tian Hai Koh

Trend of DES in Thailand  
Pattaporn Srirattana

**Scientific Program**

10:30-12:10 **Complications during complex PCI: How to avoid, how to manage**

Chairs  
Teguh Santoso, Yoshinori Yasaka

Lecturers  
Key note: How to avoid complications during complex intervention  
Teguh Santoso

Coronary perforation (during stenting and debulking)  
Masanori Teramura

Coronary channel perforation  
Seung-Woon Rha

Dissection and hematoma  
Hiroyuki Okura

Device stuck  
Shozo Ishihara

Stent underexpansion  
Ko Ko Soe

No flow, slow flow  
Satoru Tohara

**Luncheon Seminar**

12:30-13:30 **Role of ultrathin strut Orsiro DES in daily clinical practice**

Chairs  
Yoshihiro Morino, Hideki Shimomura  
(Fukuoka Tokushukai Medical Center, Japan)

Lecturers  
The clinical practice of ultrathin strut Orsiro DES  
Yuichi Kobori

Optimising outcomes in complex coronary artery disease with ultrathin strut Orsiro DES  
Shinichi Nakamura (Hitoyoshi Medical Center, Japan)

Co-sponsored by  
Japan Lifeline Co., Ltd.

**Scientific Program**

14:00-15:20 **Calcified lesions**

Chairs  
Prathap Kumar N., Shigeru Nakamura

Commentators  
Ryuichi Funada, Noriko Makiguchi, Masaki Tanabe

Lecturers  
Opnening: Trend of debulking device use for the patient with calcified lesion  
Shigeru Nakamura

Frequency of calcified lesions  
Takayuki Ogawa

How to utilize OCT/OFDI for calcified lesions  
Atsushi Funatsu

Rotablator is here  
Yoshifumi Kashima

Diamondback usage in calcified lesion  
Yoshiaki Ito

Lithoplasty (future perspective of Shock Wave)  
Thierry Lefevre

**Symposium**

15:30-17:00 **Complex lesion treatment : Let us change your mind**

See p. 36

Co-sponsored by  
Boston Scientific Japan K. K.

**Scientific Program**

17:00-18:00 **CHIP and supported PCI**

Chairs  
Kazuhiro Ashida, Yoshinori Yasaka

Discussers  
Yoshiharu Higuchi, Fumitaka Hosaka, Shozo Ishihara, Kaoru Iwabuchi, Nehiro Kuriyama, Yoritaka Otsuka

Lecturers  
CHIP intervention overview  
Kotaro Obunai

Indication and limitation of supported devices: IABP, ECMO and Impella, etc  
Shunsuke Kubo

Case presentation  
Sho Nakabayashi

The cases of cardiogenic shock  
Kazuhiro Ashida

**Fireside Session**

18:00-20:00 **The extreme discussion from the insight of developing operators**

See p. 37

Co-sponsored by  
Abbott Vascular Japan Co., Ltd.  
ASAHI INTECC CO., LTD.  
Boston Scientific Japan K.K.  
Japan Lifeline Co., Ltd.  
KANEKA MEDIX CORPORATION  
Medikit Co., Ltd.  
Medtronic Japan Co., Ltd.  
NIPRO CORPORATION  
OrbusNeich Medical, K.K.  
TERUMO CORPORATION

Room 6

**Scientific Program**

8:30-10:20 **We need IVUS!**

Chairs  
Yoshio Kobayashi, Gary S. Mintz

Lecturers  
Keynote lecture: Difference between IVUS and OCT/OFDI  
Satoru Sumitsuji

How to use for CTO  
Toru Kataoka

How to use for ostium & bifurcation  
Sang Wook Kim

How and when to use for complication cases  
Hiroyuki Okura

How to use for CKD patients  
Masahiro Yamawaki

10:30-12:20 **OCT/OFDI-guided PCI A to Z**

Chairs  
Takayuki Okamura, Junya Shite

Lecturers  
Less contrast OCT/OFDI acquisition  
Ryoji Nagoshi

ISR  
Takashi Kubo

Calcified lesion  
Toru Kataoka

Bifurcation  
Masahiro Yamawaki

ACS  
Hiromasa Otake

Discussion

**Luncheon Seminar**

12:30-13:30 **What's new in coronary physiology?**

Chair  
*Koichi Tamita*  
Lecturers  
dPR (diastolic pressure ratio)  
-New resting index-  
*Teruyoshi Uetani (Ehime University Hospital, Japan)*

Further optimization of PCI; utilization of post PCI FFR  
*Joon-Hyung Doh*

Co-sponsored by  
*ZEON MEDICAL INC. / Japan Lifeline Co., Ltd.*

**Scientific Program**

14:00-16:00 **Master's contribution in complex PCI**

Chairs  
*Seung-Whan Lee, Kenya Nasu*  
Lecturers  
History and current status of TAVR in Japan  
*Shinichi Shirai*  
Interventional treatment of left ventricular aneurysm  
*Teguh Santoso*  
Current status of CTO-PCI in Euro  
*Kambis Mashayekhi*  
Future aspect of CTO-PCI  
*Masahisa Yamane*  
Every case an adventure: Complex PCI before the availability of low profile balloons, IVUS and stents  
*James R. Margolis*

**Scientific Program**

16:00-18:00 **Retrograde**

Chairs  
*Osamu Katoh, Kambis Mashayekhi*  
Lecturers  
Keynote Lecture: Why are we not performing more CTO-PCI procedures? Review of the data  
*Barry Rutherford*

The indication of retrograde approach from algorithm  
*Kambis Mashayekhi*

Channel tracking and management of channel rupture: Septal branch  
*Kenichiro Shimoji*

Channel tracking and management of channel rupture: Epicardial channel  
*Ryohei Yoshikawa*

Summary of CTO wire crossing technique in retrograde procedure  
*Kenya Nasu*

Co-sponsored by  
*CANON MEDICAL SYSTEMS CORPORATION*

**Room 8**

**Fellow Course**

8:30-12:20 **Fellow Course "CTO"**

See p. 38

**Luncheon Seminar**

12:30-13:30 **Anti-platelet therapy for coronary artery disease: Current status and clinical problems**

See p. 39

Co-sponsored by  
*Takeda Pharmaceutical Company Limited*

**Symposium**

14:00-15:30 **Don't miss it! The front lines of physiological PCI, 2018**

Chairs  
*Hiroyoshi Yokoi, Tetsuya Amano*  
Lecturers  
AUC in Japan, Role of functional assessment  
*Hiroyoshi Yokoi*  
Appropriate PCI and physiology ~Latest trends~  
*Yoshinobu Onuma*  
FFR measurement and pitfalls in daily clinical practice  
*Teruyoshi Uetani (Ehime University Hospital, Japan)*  
New resting index RFR  
*Hidenobu Terai*

Co-sponsored by  
*Abbott Vascular Japan Co., Ltd.*

**Symposium**

16:00-18:00 **DCB Summit**

Chairs  
*Bruno Scheller, Katsumi Ueno*  
Lecturers  
Reduction of vessel recoil with NSE ALPHA  
*Tadashi Yamamoto*  
DCB in coronary de-novo disease: SVD and beyond  
*Bruno Scheller*  
Drug coated balloon - clinical updates and using experience in China  
*Fucheng Sun*  
Application of DCB in challenging lesion subsets  
*Yoshihisa Shimada*

Co-sponsored by  
*NIPRO CORPORATION*

**Room 9**

**Morning Session**

8:00-9:00 **SCC@CCT 1**

Chair  
*Eisho Kyo*  
Discussers  
*Yong He, Takashi Kajiya, Jianfang Luo, Wataru Nagamatsu*  
Case presenters  
*Hu Tao, Junqing Yang*

**PCI Live Case Transmission**

9:10-10:30 **Chinese Perspectives on Live Case Transmission 1**

Chairs  
*Eisho Kyo, Jianying Ma, Bin Zhang*  
IVUS Commentator  
*Atsushi Hirohata*  
Commentators  
*Kazuhiro Ashida, Xinqun Hu (Xiangya 2nd Hospital, People's Republic of China), Jijin Lin (Guangdong Province Hospital, People's Republic of China), Dongmei Shi (Anzhen Hospital, People's Republic of China), Xiantao Song, Ning Tan, Yoshiki Uehara*

10:40-12:00 **Chinese Perspectives on Live Case Transmission 2**

Chairs  
*Ben He, Eisho Kyo, Peng Qu*  
IVUS Commentator  
*Atsushi Hirohata*  
Commentators  
*Hiroshi Asano, Zhujun Chen, Zheng Huang (Southern Medical University Nanfang Hospital, People's Republic of China), Jianfang Luo, Makoto Sekiguchi, Keng Wu (Affiliated Hospital of Guangdong Medical University, People's Republic of China)*  
Presenter  
*Shigeru Nakamura*

Co-sponsored by  
*ASAHI INTECC CO., LTD. CANON MEDICAL SYSTEMS CORPORATION KANEKA MEDIX CORPORATION NIPRO CORPORATION TERUMO CORPORATION*

**Scientific Program**

14:00-15:30 **Tips for PCI procedures that will be useful to know**

Chairs  
*Yoshihide Fujimoto, Yoshihiro Yamamoto*  
Lecturers  
*Sumi2g Snare Masatoki Yoshida*  
Reversed guide wire  
*Hisashi Koga*  
Slip stream technique  
*Maoto Habara*  
Jailed balloon technique  
*Takenori Domei*  
Leopard-crawl technique  
*Ryo Gotoh*

**Joint Session**

16:00-18:00 **Bifurcation Club @ CCT -Joint session of JBC-KBC-**

Chairs  
*Yutaka Hikichi, Bon-Kwon Koo, Yoshinobu Murasato*  
Panelists  
*Byeong Keuk Kim, Yoshihisa Kinoshita, Chang Wook Nam, Takayuki Okamura, Masahiro Yamawaki*  
Opening remark  
*Yutaka Hikichi*

<16:01-16:07> **Report from JBC and KBC**

Lecturers  
*JBC Yutaka Hikichi*  
*KBC Bon-Kwon Koo*

<16:07-16:23> **Assessment of bifurcation lesion 1. FFR**

Lecturers  
Overview  
*Bon-Kwon Koo*  
SB FFR measurement with jailed pressure wire  
*Hiroyuki Oomori*

<16:23-16:51> **Assessment of bifurcation lesion 2. Imaging**

Lecturers  
Angio-guidance vs. IVUS-guidance  
*Byeong Keuk Kim*  
OCT-guidance  
*Ryoji Nagoshi*

Discussion

<16:51-17:07> **Technique 1. POT**

Lecturers  
Necessary  
*Yoshinobu Murasato*  
Optional  
*Yutaka Hikichi*

<17:07-17:33> **Technique 2. Big SB treatment in non-true bifurcation lesion**

Lecturers  
Ischemia-based treatment based on FFR  
*Chang Wook Nam*

Aggressive treatment based on OCT  
*Takayuki Okamura*

Discussion

<17:33-18:00> **Case session**

Lecturers  
SB protection  
*Yohei Numasawa*

OCT-guided PCI  
*Fumiaki Nakao*

Closing remark  
*Bon-Kwon Koo*

**Fireside Session**

18:30-20:10 **Job Fair for interventional cardiologist 2018**

See p. 40

**Case Presentation Room**

**Case Competition**

8:30-10:30 **Long, diffuse lesion, small vessel/Ostial, bifurcated lesion**

Chairs  
*Rajesh M. Dave, Yasunori Ueda*

Judges  
*Chi-Jen Chang, Yasushi Fuku, Tsunekazu Kakuta, Akihiko Matsumura, Takashi Morita, Ye Htun Naung*

Speakers  
Expect the unexpected (iatrogenic dissection)  
*Mon Myat Oo*  
(University of Malaya Medical Center, Malaysia)

Two case reports of chronic vascular response after drug coated balloon treatment for chronic total occlusion; serial intravascular ultrasound examination  
*Tetsuya Yamamoto (Himeji Cardiovascular Center, Japan)*

Restenosis after POBA for the culprit lesion of the diagonal branch in patients with ACS required two stents  
*Yutaka Yonezawa*  
(Dokkyo Medical University Hospital, Japan)

How to treat the trifurcation-C(3,3), C(3,2) or C(3,1)?  
*Jen-Fang Cheng (Pingtung Hospital, Taiwan, R.O.C.)*

Successful Bailout of Iatrogenic osital LCX hematoma after rotablation  
*Szu-Chi Chien*  
(Chang hua Christian hospital, Taiwan, R.O.C.)

A case of ostial left circumflex lesion with calcified nodule successfully treated with excimer laser coronary angioplasty and drug coated balloon  
*Yuji Matsuda (Tokyo Medical and Dental University, Japan)*

Three-Orifice Lesions  
*Bu Yuan Hsiao*  
(Cheng Hsin General Hospital, Taiwan, R.O.C.)

A case of dilatation with Drug coated balloon after Rotablation for left circumflex branch lesion with hypercalcification  
*Seigo Yoshida (Shuuwa general hospital, Japan)*

The case of stent deformation, whose bailout was successfully achieved by removing stent  
*Tatsuya Sugimoto (Ikegami General Hospital, Japan)*

The usefulness of Mogul thinner microcatheter for performing side branch wire exchange after dual-lumen microcatheter-facilitated reverse wire technique  
*Koji Sakata (University of Miyazaki, Japan)*

How the plaque at the lesser curvature is modified in the bend vessel  
*Akihiko Miyata*  
(Amagasaki General Medical Center, Japan)

OCT guided LMCA to dual LAD PCI with DK crush technique  
*Nandhakumar Vasu*  
(The Madras Medical Mission Hospital, India)

10:30-12:20 **Others 1**

Chairs  
*Sum Kin Leung, Masami Nishino*

Judges  
*Young Jin Choi, Roberto Garbo, Naoki Hayakawa, Gary Liew, Mutsuo Nakayama, Kumpei Osaka, Takashi Yamamoto*

Speakers  
Treatment of coronary artery aneurysm accompanied by coronary artery stenosis at bifurcation lesion with graft stent  
*YoungJae Ki*  
(Medical College of Chosun University, Korea)

My most memorable simple case  
*Samruay Kridkratoke (Khonkaen Hospital, Thailand)*

We all need good support  
*Sze Wah Lai*  
(Kwong Wah Hospital, Hong Kong / Centre Hospitalier Universitaire Vaudois, Switzerland)

Coronary artery total occlusion after radiation therapy of the anterior mediastinum germ cell tumor  
*Ya-Ling Yang*  
(Taipei Veterans General Hospital, Taiwan, R.O.C.)

Salvage the dislodged stent in LM to LCX  
*Chuan Lei Chao*  
(Mackay Memorial Hospital, Taitung, Taiwan, R.O.C.)

Guide Catheter Induced Aorto-Coronary Dissection  
*Pravin K. Goel*  
(Sanjay Gandhi Post Graduate Institute of Medical Sciences, India)

Extensive dissection from ostial RCA to Valsalva sinus  
*Yukika Matsuo (Nagoya Daini Red Cross Hospital, Japan)*

A successful case of bail out from a blow out type rupture of a RCA lesion by the Guiding Catheter after Rotablation  
*Ryuzo Hayashi (General Daiyukai Hospital, Japan)*

Rescue Dislodged Vascular Plug during Paravalvular Leakage Closure  
*Su-Chan Chen*  
(Taipei Veterans General Hospital, Taiwan, R.O.C.)

The nightmare of stent underexpansion  
*Cheng-Yu Ko*  
(National Cheng Kung University Hospital, Taiwan, R.O.C.)

Effective Rotational Atherectomy with Wire Bias of "RotaWire Floppy" for Eccentric Calcified lesions of Tortuous Left Circumflex  
*Hiroaki Matsuda (Nagoya Heart Center, Japan)*

**Luncheon Seminar**

12:30-13:30 **To the expert of PCI/PPI utilizing online forum - What will e-casebook give you ? -**

Lecturers  
Cardiac CT training forum for interventionist  
*Masaaki Okutsu*

Case conference with Dr. Kenya Nasu, CTO expert  
*Kenya Nasu*

Co-sponsored by  
Heart Organization Co., Ltd.

**Best Intra-coronary imaging Competition (BIC)**

14:00-15:00 **Session 1**

Chairs  
*Rajesh M. Dave, Junya Shite*

Judges  
*Scott Andrew Harding, Kiyoshi Hironaga, Seung Ho Hur, Shozo Ishihara, Seita Kondo, Hiromasa Otake, Hiroki Uehara*

Speakers  
Different types of vascular response to stent implantation in the lesion with severe calcified nodule  
*Tetsuya Nomura (Kyoto Chubu Medical Center, Japan)*

Successful treatment of unexpected stent malapposition with optical coherence tomography guidance  
*Shinnosuke Kikuchi*  
(Yokohama City University Medical Center, Japan)

Healed plaque rupture is one of the causes of rapid lesion progression in coronary atherosclerosis  
*Hiroko Tsuchiya (Saiseikai-Maebashi Hospital, Japan)*

A Case of massive fibrosis in right coronary artery detected by IVUS in patients with IgG4-related disease  
*Tomohide Endo*  
(Hirotsuki University Graduate School of Medicine, Japan)

Multi modalities findings with Coronary stenosis in Takayasu's Arteritis  
*Naoki Shibata (Ichinomiya Municipal Hospital, Japan)*

15:00-16:00 **Session 2**

Chairs  
*Takashi Akasaka, Hyo-Soo Kim*

Judges  
*Niels Ramsing Holm, Takayuki Ishihara, Yoshito Kadoya, Tsunekazu Kakuta, Tairo Kurita, Chang Wook Nam, Yuji Sakanoue, Masahiro Yamawaki*

Speakers  
Optical Coherence Tomographic Features of Unstable Coronary Lesions Corresponding to Histopathological Intraplaque Hemorrhage Evaluated by Directional Coronary Atherectomy  
*Masahiro Hoshino*  
(Tsuchiura Kyodo General Hospital, Japan)

Observation of stent struts over the side branch by OCT and coronary angiography  
*Yoshinori Shimooka (Megumino Hospital, Japan)*

Calcified Lipidic Atheroma: Low or High-risk Lesion for PCI?  
*Hayato Hosoda*  
(National Cerebral and Cardiovascular Center, Japan)

Histopathological insights into the honeycomb-like structure in the coronary artery: in-vivo multimodality imaging assessment with directional coronary atherectomy  
*Tomoaki Kobayashi (Osaka Police Hospital, Japan)*

A Case of Calcified Nodule Observed by Coronary Angioscopy and Optical Frequency Domain Imaging  
*Yu Hashimoto*  
(Hiroshima City Hiroshima Citizens Hospital, Japan)

16:00-17:50 **LMT/Restenosis**

Chairs

*Vinay Kumar Bahl, Tetsuya Hata*

Judges

*Cheng-Yu Ko, Sze Wah Lai, Shiqiang Li, Masaharu Okada, Satoshi Takeshita, Yasuhiro Tanabe, Yi-Chih Wang, Satoshi Yamamoto*

Speakers

Calcified Distal Left Main with an Ostial Left Circumflex Coronary Artery stenosis in an 81 year old female complicated by dissection  
*Juan Armando D Díaz (Makati Medical Center, Philippines)*

Which was the culprit lesion, LMT or LAD? A case of acute coronary syndrome  
*Chinatsu Komiyama (Toranomon Hospital, Japan)*

Complex LMT Trifurcation PCI for post CABG patient  
*Kazuya Sugitatsu (Hakodate Municipal Hospital, Japan)*

Very late stent thrombosis in unprotected left main trunk immediately after surgery  
*Takayuki Nakano (Hiroshima City Hiroshima Citizens Hospital, Japan)*

A Case of Grade III Coronary Artery Perforation Following PCI Was Not Controlled by Using Stent Graft  
*Daisuke Kashiwagi (University of Shinshu, Japan)*

A case of treatment of the left main distal true bifurcation lesion using DCA device and DCB without stents  
*Junya Seki (Shiga General Hospital, Japan)*

A case report of PCI with the rotational atherectomy for in stent restenosis lesion with stent fracture in LMCA bifurcation  
*Seigo Iwane (Himeji Cardiovascular Center, Japan)*

Successful PCI for in-stent restenosis of under-expanded proximal part of the stent in LAD CTO lesion due to high calcium burden behind the stent  
*Phyo Htet Oo (Rakuwakai Marutamachi Hospital, Japan)*

PCI for in-stent restenosis is not always easy for a fellow  
*Shintaro Takamura (Teikyo University Hospital, Japan)*

Acute coronary syndrome with in-stent neoatherosclerosis (ISNA)  
*Aashish Chopra (The Madras Medical Mission, India)*

This is DES failure  
*Kyosuke Yanagawa (Osaka Rosai Hospital, Japan)*

**Exhibition**

**Poster Session**

**Booth I**

10:30-11:20 **ACS 1**

Chairs

*Takahiko Kawarabayashi, Satoru Suwa*

M-01 Current Clinical use of Extracorporeal Membrane Oxygenation in Acute Myocardial Infarction Patients with Cardiogenic Shock  
*Jin Sup Park (Pusan National University Hospital, Korea)*

M-02 Impact of anemia on clinical outcomes in patients with first ST-segment elevation myocardial infarction  
*Yoshiyuki Okuya (Tokushima Red Cross Hospital, Japan)*

M-03 Predictors of 1-year cardiac death and recurrent stent thrombosis after treatment for stent thrombosis  
*Min Chul Kim (Chonnam National University Hospital, Korea)*

M-04 Impact of thrombus aspiration one-year cardiac mortality during primary PCI in STEMI patients with total occlusion  
*Seok-woo Seong (Chungnam National University Hospital, Korea)*

M-05 Incidence of Cardiovascular event and safety profile of prasugrel in Korean patients with ACS: Result from the regulatory PMS study  
*Min-Ku Chon (Pusan National University Yangsan Hospital, Korea)*

M-06 Impact of selective aspiration thrombectomy on the outcomes of patients with ST-elevated myocardial infarction undergoing primary percutaneous coronary intervention  
*Guodong Ma (Beijing Friendship Hospital, Capital Medical University, People's Republic of China)*

M-07 Combination therapy for AMI of LMT due to aortic dissection  
*Hiroyuki Fujii (Yokohama Minami Kyosai Hospital, Japan)*

14:30-15:20 **ACS 2**

Chairs

*Mitsunori Abe, Yoshiharu Higuchi, Kirti Punamiya*

M-19 A case of very late stent thrombosis due to in-stent neoatherosclerosis 8 years after bare metal stent implantation  
*Kei Kawai (Seirei Yokohama Hospital, Japan)*

M-20 Clinical characteristics of occluded culprit arteries and collaterals in patients with non-ST-segment elevation myocardial infarction and impact on clinical outcomes  
*In-Ho Yang (Kyung Hee University Hospital at Gangdong, Korea)*

M-21 Prognostic Impact of Combined Hypoxic Liver Injury and High Alkaline Phosphatase on Admission in Patients with STEMI Undergoing Primary PCI  
*Pyung Chun Oh (Gachon University Gil Medical Center, Korea)*

M-22 7-year single-center time trends of clinical profiles and compositions for acute coronary syndrome undergoing emergent percutaneous coronary interventions  
*Jinying Zhou (Chinese Academy of Medical Sciences and Peking Union Medical College, People's Republic of China)*

M-23 A case of Kounis syndrome, anaphylactic acute coronary syndrome, type III variant caused by coronary stent thrombosis due to bee sting  
*Ryo Yoshizumi (Gifu Municipal Hospital, Japan)*

M-24 Non-stent revascularization using drug-coated balloon for nonagenarians with acute coronary syndrome: experience from a China Chest Pain Center  
*Zhi Ling He (University of Guangzhou Traditional Chinese Medicine, People's Republic of China)*

**Booth II**

10:30-11:20 **Risk Factor 1**

Chairs

*Jiro Aoki, Nae Hee Lee, Shunichi Miyazaki*

M-08 LMT and LAD arteries bifurcation angle is associated with high coronary artery calcium score in chronic kidney disease  
*Takao Konishi (Hokkaido Cardiovascular Hospital, Japan)*

M-09 Hyperglycemia on admission determines in-hospital and long-term mortality in patients ST-segment elevation myocardial infarction treated with primary percutaneous coronary intervention  
*Thirawat Jewpakanon (Chulalongkorn University of Thailand, Thailand)*

M-10 Potential correlations and risk factors of late/very late stent thrombosis compared with late/very late in-stent restenosis  
*Jian-Feng Zheng (Fu Wai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Sciences & Peking Union Medical College, People's Republic of China)*

M-11 Prognostic Value of Low T3 Level in Patients with Coronary Artery Disease including acute coronary syndrome  
*Seongsoon Kwon (Soonchunhyang University College of Medicine, Korea)*

M-12 Long term clinical outcomes of newly diagnosed diabetes and prediabetes among patients with acute myocardial infarction  
*Jeong Ho Kim (Pohang St. Mary's Hospital, Korea)*

14:30-15:50 **Imaging/Miscellaneous 1**

Chairs  
Masaki Awata, Takatoshi Hayashi, Duk-Woo Park

- M-26 Comparison of ticagrelor with clopidogrel on myocardial blood flow measured by N-13 ammonia positron emission tomography  
*Kyungil Park (Dong-A University Hospital, Korea)*
- M-27 A case of ISR that progressed rapidly due to organization thrombus -Sequentially observation with OCT  
*Takayuki Shinmura (Seirei Yokohama Hospital, Japan)*
- M-28 Comparison of multimodality findings between 2 months and 3 months after stenting  
*Mari Ohmori (Yokohama Minami Kyosai Hospital, Japan)*
- M-29 A case of neointimal formation of 3rd generation DES in the ACS patients  
*Wataru Yamada (Seirei Yokohama Hospital, Japan)*
- M-30 Very early arterial repair of 2 cases were assessed by intravascular endoscopy and OCT at 1 month after Orsiro implantation  
*Yoshichika Miyazaki (Seirei Yokohama Hospital, Japan)*
- M-31 Clinical Pathway in Heart Failure effectively increases the utilization of evidence based heart failure medications resulting in better patient outcome  
*Yue Hong Cheng (Pok Oi Hospital, Hong Kong)*
- M-32 Sarpogrelate does not prevent contrast induced nephropathy in patients with chronic kidney disease: a prospective randomized controlled clinical trial  
*Woo-Young Chung (Boramae Medical Center, Seoul National University College of Medicine, Korea)*
- M-33 Coronary procedures after TAVR -- The device chosen matters  
*Yin Wei-Hsian (Cheng Hsin General Hospital, Taiwan, R.O.C.)*

**Booth III**

10:30-11:20 **Complex lesions/LMT 1**

Chairs  
Andrea Gagnor, Yoshinobu Murasato, Yohei Numasawa

- M-13 Long term results of stentless PCI with Drug-Coated Balloon (DCB) for small vessels  
*Taku Iwaki (Yokohama Sakae Kyosai Hospital, Japan)*
- M-14 A case of very late stent thrombosis which might be associated with the stent struts protruding into left main trunk  
*Konosuke Inoue (University of Occupational and Environmental Health, Japan)*
- M-15 Pitfall of a flexible guide-extension catheter having good crossability  
*Ryusuke Yamamoto (Takaoka Minami Hospital, Japan)*
- M-16 Use drug coated balloon in de novo small coronary artery lesion  
**Digital**  
*Lap Tin Lam (Grantham Hospital, Hong Kong)*
- M-17 A Case of Using Remounted Graftmaster to Large Aneurysm of Right Coronary Artery  
*Toshio Kaneda (Yokohama Minami Kyosai Hospital, Japan)*
- M-18 A case of Percutaneous Coronary Intervention for Left Main Coronary Artery to Left Anterior Descending Coronary Artery before TAVI  
*Wataru Suzuki (Yokkaichi Municipal Hospital, Japan)*

14:30-15:20 **CTO 1**

Chairs  
Kenneth Chin, Kenji Kawajiri, Koji Oku

- M-34 There is any place for a clinical/angiographic score to predict success in CTO PCI?  
*Victoria Martin Yuste (Hopital Saintonge, France)*
- M-35 A case of chronic total occlusion which was success by ipsilateral channel injection with jointed Y connector system  
*Toru Takii (Sendai City Medical Center Sendai Open Hospital, Japan)*
- M-36 Predictors of treatment in all comers CTO patients  
*Victoria Martin Yuste (Hopital Saintonge, France)*
- M-37 Avoid cardiac death in cto patients by revascularisation  
*Victoria Martin Yuste (Hopital Saintonge, France)*
- M-38 Successful RCA-CTO PCI by Strategy based on Asia Pacific CTO algorithm  
*Koki Omi (Nihonkai General Hospital, Japan)*

**Promotion Bureau**

**Digital Poster Session**

16:00-17:30 **Digital Poster Session 1**

Chairs  
Ki Seok Kim, Takashi Okada  
Judges  
Tatsuki Dojiri, Jungo Furuya, Yong He, Jung-Cheng Hsu, Takashi Kubo, Hiroki Sakamoto

- M-03 Predictors of 1-year cardiac death and recurrent stent thrombosis after treatment for stent thrombosis  
**Digital**  
*Min Chul Kim (Chonnam National University Hospital, Korea)*
- M-05 Incidence of Cardiovascular event and safety profile of prasugrel in Korean patients with ACS: Result from the regulatory PMS study  
**Digital**  
*Min-Ku Chon (Pusan National University Yangsan Hospital, Korea)*
- M-16 Use drug coated balloon in de novo small coronary artery lesion  
**Digital**  
*Lap Tin Lam (Grantham Hospital, Hong Kong)*
- M-21 Prognostic Impact of Combined Hypoxic Liver Injury and High Alkaline Phosphatase on Admission in Patients with STEMI Undergoing Primary PCI  
**Digital**  
*Pyung Chun Oh (Gachon University Gil Medical Center, Korea)*

**Thursday, October 25**

**Coronary Theater**

**Luncheon Seminar**

12:30-13:30 **Challenge to the complex ~Japan Quality~**

座長  
大辻 悟  
志手 淳也

演者  
My experience of new balloon "Ryurei"  
角辻 暁

Best practice of Ultimaster Tansei  
上野 勝己

What can we expect from the 3rd generation DES  
中澤 学

共催：テルモ株式会社

**TAMAI Memorial Lecture**

13:30-14:00 **TAMAI Memorial Lecture**

座長  
大辻 悟  
日野原 知明

演者  
Impact of intracoronary imaging on the evolution of PCI - From balloon angioplasty to bioresorbable scaffolds  
Gary S. Mintz

**Themed Theater**

**Luncheon Seminar**

12:30-13:30 **複雑病変治療を極める - Master the complex - on the front lines of complex lesion treatment**

座長  
尾崎 行男  
木下 順久

演者  
尾崎 行男  
村松 崇  
鹿島 由史  
木下 順久

共催：ボストン・サイエンティフィック ジャパン株式会社



**TAMAI Memorial Lecture**



13:30-14:00 **TAMAI Memorial Lecture**

座長  
大辻 悟  
日野原 知明

演者  
Impact of intracoronary imaging on the evolution of PCI - From balloon angioplasty to bioresorbable scaffolds  
Gary S. Mintz

**Room 3**

**International Joint Session**



8:30-10:20 **TCTAP @ CCT Complex PCI and TAVR: Make it simple!**

Welcome & introductory remarks  
Seung-Jung Park

<8:30-9:32> **Part 1: Complex PCI: LM, multi-vessel and CTO-PCI**

座長  
大辻 悟  
Antonio Colombo  
Seung-Jung Park

パネリスト  
小沼 芳信  
塩見 紘樹  
Seung-Whan Lee  
Soo Teik Lim  
Teguh Santoso  
Ron Waksman

**Featured lectures**

演者  
10-year long-term outcomes: MAINCOMPARE registry and IRIS-MAIN substudies  
Duk-Woo Park

10-year long-term outcomes: SYNTAX trial  
小沼 芳信

10-year long-term outcomes: CREDO-Kyoto registry  
塩見 紘樹

Where is the benefit of CTO PCI?: Insights from the DECISION-CTO trial  
Seung-Jung Park

Panel discussion and Q&A

**Complex PCI case-based learning: Integral concept with imaging and physiology**

演者  
Complex LM & bifurcation PCI  
Antonio Colombo

Panel discussion and Q&A

Complex CTO-PCI  
Seung-Whan Lee

Panel discussion and Q&A

<9:32-10:20> **Part 2: TAVR in Asia and world**

座長  
林田 健太郎  
Duk-Woo Park  
Ron Waksman

パネリスト  
Jung-Min Ahn  
I-Chang Hsieh  
Do-Yoon Kang  
Renu Virmani

**Featured lectures**

演者  
Pathology of TAVR and future perspectives  
Renu Virmani

CT algorithm for perfect TAVI with S3  
Do-Yoon Kang

TAVR in Asia, Korea, and AMC  
Jung-Min Ahn

TAVR in Japan  
林田 健太郎

TAVR in US  
Ron Waksman

Panel discussion and Q&A

Closing remark with brief wrap-up  
Duk-Woo Park

**International Joint Session**



10:30-12:20 **Complex intervention from the Middle East**

Open Session  
Ali Sulieman Almasood

<10:30-11:30> **Session 1: Complex coronary cases**

座長  
Abdullah Al Naeemi  
那須 賢哉  
奥津 匡暁

コメンテーター  
海老澤 聡一郎  
古谷 純吾  
森田 孝  
谷川 淳  
Muhammad Munawar  
Prathap Kumar N.

演者  
Complexity from the Middle East  
Ali Sulieman Almasood

Case presentation  
Samih Lawand

How I should treat  
Prathap Kumar N.

How I treated  
Samih Lawand

Case presentation  
Hisham Hussain

How I should treat  
後藤 亮

How I treated  
Hisham Hussain

<11:30-12:20> **Session 2: TAVI complex**

座長  
岡田 尚之  
那須 賢哉  
Ali Sulieman Almasood

コメンテーター  
水谷 一輝  
森田 孝  
Tamer Moustafa  
Sunarya Soerianata

演者  
Video case  
Rada Aboul Atta

Case presentation  
岡田 尚之

How I should treat  
Abdullah Khushail

How I treated  
岡田 尚之

Case presentation  
Rada Aboul Atta

How I should treat  
水谷 一輝

How I treated  
Rada Aboul Atta

Close session  
Ali Sulieman Almasood

**International Joint Session**



14:00-15:50 **TTT@CCT Unusual PCI Case Sharing**

座長  
許 永勝  
西川 英郎  
*Hsien-Li Kao*  
*Chiung-Jen Wu*

パネリスト  
*I-Chang Hsieh*  
*Tse-Min Lu*  
*Ji-Hung Wang*

演者  
Opening  
*Hsien-Li Kao*

Case 1  
*Chuan-Lei Chao*

討論

Case 2  
岡村 篤徳

討論

Case 3  
*Shih-Wei Meng*

討論

Case 4  
武田 吉弘

討論

Case 5  
*Feng-Yu Kuo*

討論

Case 6  
唐原 悟

討論

Closing  
許 永勝

**International Joint Session**



16:00-18:00 **Chinese Society of Cardiology @ CCT**

座長  
許 永勝  
*Hongbing Yan*

パネリスト  
鹿島 由史  
関口 誠  
浜中 一郎  
山田 慎一郎  
*Weimin Li*  
*Jianfang Luo*  
*Hu Tao*

演者  
CTO-PCI: Do or not to do, is it a question?  
*Jianfang Luo*

CTOCC CTO-PCI algorithm  
*Lei Ge*

Retrograde approach CTO-PCI: My own experiences  
*Bin Zhang*

IVUS guided CTO-PCI  
*Jie Qian*

Case presentation: IVUS guided CTO-PCI  
*Yu Cao*

Case presentation: ADR for RCA CTO-PCI  
*Weixian Yang*

Case presentation: Retrograde approach for LAD CTO-PCI  
*Pengcheng He*

Case presentation: Rotablator in LAD CTO-PCI  
*Jianying Ma*

**Room 5**

**Morning Session**



7:30-8:20 **ライブ症例術前検討会**

座長  
田中 裕之  
浜中 一郎

ディスカッサー  
海老澤 聡一郎  
後藤 亮  
下地 顕一郎  
唐原 悟  
保坂 文駿

**Scientific Program**



8:30-10:20 **DES**

<8:30-9:30> **【第一部】国内のDES使用状況（各術者の考える使い分け）**

座長  
挽地 裕  
野崎 洋一

コメンテーター  
石原 昭三  
岡崎 真也  
岡山 英樹  
眞榮平 直也

演者  
岡村 誉之  
沼澤 洋平  
田中 裕之  
大塚 頼隆

討論

<9:30-10:30> **【第二部】海外でのDES使用状況**

座長  
岩淵 成志  
中村 茂  
*Peng Qu*

コメンテーター  
鹿島 由史  
川口 克廣  
重城 健太郎  
唐原 悟  
山田 慎一郎

演者  
Trend of DES in China  
*Ben He*

Trend of DES in China  
*Hongbing Yan*

Trend of DES in India  
*Prathap Kumar N.*

Trend of DES in Singapore  
*Tian Hai Koh*

Trend of DES in Thailand  
*Pattraporn Srirattana*

**Scientific Program**



10:30-12:10 **Complications during complex PCI: How to avoid, how to manage**

座長  
矢坂 義則  
*Teguh Santoso*

演者  
Key note: How to avoid complications during complex intervention  
*Teguh Santoso*

Coronary perforation (during stenting and debulking)  
寺村 真範

Coronary channel perforation  
*Seung-Woon Rha*

Dissection and hematoma  
大倉 宏之

Device stuck  
石原 昭三

Stent underexpansion  
*Ko Ko Soe*

No flow, slow flow  
唐原 悟

**Luncheon Seminar**



12:30-13:30 **Ultrathin strut Orsiro DESを実臨床でどう活かすか？**

座長  
森野 禎浩  
下村 英紀（福岡徳洲会病院）

演者  
超薄型ストラットOrsiro DESの臨床的可能性と展望  
小堀 裕一

超薄型ストラットOrsiro DESを用いた複雑冠動脈病変治療の最適化  
中村 伸一（人吉医療センター）

共催：日本ライフライン株式会社

**Scientific Program**



**14:00-15:20 Calcified lesions**

座長  
中村 茂  
Prathap Kumar N.

コメンテーター  
田辺 正喜  
船田 竜一  
牧口 展子

演者  
オープニング：石灰化の問題  
中村 茂

石灰化病変の頻度（一般の統計）  
小川 崇之

石灰化の画像診断OCT/OFDI（石灰化の診断を  
OFDI OCTで行う必要性）  
船津 篤史

Rotablatorの使用状況  
鹿島 由史

Diamondbackの使用状況  
伊藤 良明

Lithoplasty (future perspective of Shock Wave)  
Thierry Lefevre

**Symposium**

Japanese Only

**15:30-17:00 恋するComplex - あなたの明日の  
Complex治療が変わります-**

座長  
森野 禎浩  
田邊 健吾

演者  
小林 範弘  
北川 勝英  
寺村 真範  
岡 俊治  
香川 健三  
舟山 直宏  
塩見 紘樹

共催：ボストン・サイエンティフィック ジャパン株式会社

**17:00-18:00 CHIP and supported PCI**

座長  
芦田 和博  
矢坂 義則

ディスカッサー  
石原 昭三  
岩淵 薫  
大塚 頼隆  
栗山 根廣  
樋口 義治  
保坂 文駿

演者  
CHIP intervention overview  
小船井 光太郎

Indication and limitation of supported devices: IABP,  
ECMO and Impella, etc  
久保 俊介

Case presentation  
中林 章

The cases of cardiogenic shock  
芦田 和博

**Fireside Session**

Japanese Only

**18:00-20:00 The extreme discussion from the insight  
of developing operators  
～CCTライブ症例検討会～我々は何を  
みていくべきか～**

**<18:00-19:00> 第1部**

座長  
小堀 裕一  
永松 航

コメンテーター  
上原 良樹  
後藤 亮  
櫻井 将之  
芹川 威  
唐原 悟

CTコメンテーター  
奥津 匡暁

プレゼンター  
新関 武史  
鈴鹿 裕城

**<19:00-20:00> 第2部**

座長  
鈴木 孝英  
田辺 正喜

コメンテーター  
栗田 政樹  
古閑 靖章  
福原 怜  
松尾 浩志

CTコメンテーター  
奥津 匡暁

プレゼンター  
明上 卓也  
仲野 泰啓

共催：朝日インテック株式会社  
アボット バスキュラー ジャパン株式会社  
オーバースネイチメディカル株式会社  
株式会社カネカメディックス  
テルモ株式会社  
ニプロ株式会社  
日本メドトロニック株式会社  
日本ライフライン株式会社  
ボストン・サイエンティフィック ジャパン株式会社  
メディキット株式会社

**Room 6**



**Scientific Program**

**8:30-10:20 We need IVUS!**

座長  
小林 欣夫  
Gary S. Mintz

演者

Keynote Lecture : Difference between IVUS and  
OCT/OFDI  
角辻 暁

How to use for CTO  
片岡 亨

How to use for ostium & bifurcation  
Sang Wook Kim

How and when to use for complication cases  
大倉 宏之

How to use for CKD patients  
山脇 理弘

**10:30-12:20 OCT/OFDI-guided PCI A to Z**

座長  
岡村 誉之  
志手 淳也

演者

Less contrast OCT/OFDI acquisition  
名越 良治

ISR  
久保 隆史

Calcified Lesion  
片岡 亨

Bifurcation  
山脇 理弘

ACS  
大竹 寛雅

討論

**Scientific Program**



14:00-16:00 **Master's contribution in complex PCI**

座長  
Seung-Whan Lee  
那須 賢哉

演者  
History and current status of TAVR in Japan  
白井 伸一

Interventional treatment of left ventricular aneurysm  
Teguh Santoso

Current status of CTO-PCI in Euro  
Kambis Mashayekhi

Future aspect of CTO-PCI  
山根 正久

Every case an adventure: Complex PCI before the availability of low profile balloons, IVUS and stents  
James R. Margolis

**Scientific Program**



16:00-18:00 **Retrograde**

座長  
加藤 修  
Kambis Mashayekhi

演者  
Keynote Lecture: Why are we not performing more CTO-PCI procedures? Review of the data  
Barry Rutherford

The indication of retrograde approach from algorithm  
Kambis Mashayekhi

Channel tracking and management of channel rupture: Septal branch  
下地 顕一郎

Channel tracking and management of channel rupture: Epicardial channel  
吉川 耀平

Summary of CTO wire crossing technique in retrograde procedure  
那須 賢哉

共催：キャノンメディカルシステムズ株式会社

**Room 8**

**Fellow Course**



8:30-12:20 **Fellow Course "CTO"**

座長  
浜中 一郎  
松尾 浩志

<8:30-9:42> **CTO治療（術前検討篇）**

演者  
CTO治療の適応について考える  
山田 慎一郎

治療に有用な冠動脈造影とは：レトロチャンネルの同定  
宮原 真敏

CTの読影：どこに注目？  
奥津 匡暁

術前のストラテジーの立て方：A to Z  
保坂 文駿

<9:43-10:55> **CTO治療（治療篇1）**

演者  
アンテグレートアプローチに必要な知識  
下地 顕一郎

IVUSガイドアンテグレートワイヤリング  
山本 義人

レトロチャンネルワイヤリング どこから始める、どこでやめる  
松尾 浩志

レトロチャンネルでマイクロカテが通過しない！  
長谷川 勝之

<10:56-12:08> **CTO治療（治療篇2）**

Reverse CARTがうまくいかない！  
片岡 亨

CTO治療中に遭遇するIVUS所見  
野崎 洋一

うまくいかない：治療のエンドポイントは？  
鹿島 由史

CTO治療中の合併症とその予防：どこに注意？どう対応？  
福原 怜

**Luncheon Seminar**



12:30-13:30 **冠動脈疾患に対する抗血小板療法の現状と問題点**

座長  
東野 順彦

演者  
冠動脈疾患に対する抗血小板療法の現状と問題点  
大倉 宏之

共催：武田薬品工業株式会社

**Symposium**



14:00-15:30 **乗り遅れるな！ Physiological PCIの最前線 2018**

座長  
横井 宏佳  
天野 哲也

本邦におけるAUC、機能評価の役割  
横井 宏佳

Appropriate PCIとPhysiology、最新トレンド  
小沼 芳信

FFR計測の実際とピットフォールについて  
上谷 晃由（愛媛大学医学部附属病院）

新たな安静時指標RFR  
寺井 英伸

共催：アポット バスキュラー ジャパン株式会社

**Symposium**



16:00-18:00 **DCB Summit**

座長  
上野 勝己  
Bruno Scheller

演者  
Reduction of vessel recoil with NSE ALPHA  
山本 匡

DCB in coronary de-novo disease: SVD and beyond  
Bruno Scheller

Drug coated balloon - clinical updates and using experience in China  
Fucheng Sun

DCBの挑戦  
嶋田 芳久

共催：ニプロ株式会社

**Room 9**

**Morning Session**



8:00-9:00 **SCC@CCT 1**

座長  
許 永勝

ディスカッサー  
加治屋 崇  
永松 航  
Yong He  
Jianfang Luo

ケースプレゼンター  
Hu Tao  
Junqing Yang

**PCI Live Case Transmission**



9:10-10:30 **Chinese Perspectives on Live Case Transmission 1**

座長  
許 永勝  
Jianying Ma  
Bin Zhang

IVUS コメンテーター  
廣畑 敦

コメンテーター  
芦田 和博  
上原 良樹  
Xinqun Hu  
(Xiangya 2nd Hospital, People's Republic of China),  
Jijin Lin  
(Guangdong Province Hospital, People's Republic of China),  
Dongmei Shi  
(Anzhen Hospital, People's Republic of China)  
Xiantao Song  
Ning Tan

10:40-12:00 **Chinese Perspectives on Live Case Transmission 2**

座長  
Ben He  
許 永勝  
Peng Qu

IVUS コメンテーター  
廣畑 敦

コメンテーター  
浅野 博  
関口 誠  
Zhujun Chen  
Zheng Huang  
(Southern Medical University Nanfang Hospital,  
People's Republic of China)  
Jianfang Luo  
Keng Wu  
(Affiliated Hospital of Guangdong Medical University,  
People's Republic of China)

プレゼンター  
中村 茂

共催：朝日インテック株式会社  
株式会社カネカメディックス  
キャノンメディカルシステムズ株式会社  
テルモ株式会社  
ニプロ株式会社

**Fireside Session**

Japanese only

18:30-20:10 **平成最後のCCT、平成生まれ世代に送る  
人生見本市～ワークショップ形式で直接  
つながれる・気軽に質問できる～**

座長  
中澤 学  
薬師寺 忠幸

From Bench to Bedside  
中澤 学  
山本 匡

学術も臨床も  
高木 健督  
仲間 達也

ストラクチャーの時代  
出雲 昌樹  
松尾 弥枝

カテを極める  
関口 誠  
増田 尚己

キャリアのサードウェーブ  
池島 英之  
澁谷 真彦

**Friday, October 26**

**Coronary Theater**

**PCI Live Case Transmission**

LIVE E J

**Higashi Takarazuka Satoh Hospital**

Operators  
Tomohiro Kawasaki, Eisho Kyo, Shunsuke Matsuno,  
Satoru Otsuji, Junya Shite, Ryohei Yoshikawa

Cath Lab Commentator  
Yoshinori Yasaka

IVUS Commentators  
Kenichi Fujii, Kiyoshi Hibi, Sang Wook Kim,  
Mitsuyasu Terashima

8:30-10:30 **PCI Live Case Transmission 5**

Chairs  
Etsuo Tsuchikane, Takafumi Tsuji, Gary S. Mintz,  
Hun Sik Park

Commentators  
Kenneth Chin, Tsutomu Fujita, Ryo Gotoh,  
Nozomu Kawashima, Hiroyuki Tanaka, Kan Zen

10:30-12:20 **PCI Live Case Transmission 6**

Chairs  
Kenya Nasu, Takahiko Suzuki, Junko Honye,  
Teguh Santoso

Commentators  
Wataru Abe, Chi-Jen Chang, Ajay Kata Gopal,  
Yutaka Koyama, Makoto Muto, Yoritaka Otsuka,  
Fuminobu Yoshimichi

**Luncheon Seminar**

E J

12:30-13:30 **What to consider to select the right wire IV  
- CTO guide wire selection and exchange -**

Chair  
Yasumi Igarashi

What to consider to select the right wire IV  
- CTO guide wire selection and exchange -  
Etsuo Tsuchikane

Co-sponsored by  
ASAHI INTECC CO., LTD.

**PCI Live Case Transmission**

LIVE E J

**Sakurabashi Watanabe Hospital**

Operators  
Atsunori Okamura, Yoshihiro Takeda,  
Etsuo Tsuchikane

IVUS Commentators  
Atsushi Hirohata, Toru Kataoka

13:30-15:30 **PCI Live Case Transmission 7**

Chairs  
Masahisa Yamane, Tomoko Kobayashi,  
Bernard Chevalier, Barry Rutherford

Commentators  
Masaki Awata, Lei Ge, Yoshiaki Katahira,  
Koichi Kishi, Masahiro Natsuaki, Hiroshi Ohta,  
Hun Sik Park

13:30-15:00 **<Focus Live>**

**Short lecture**

Opticross HD shows us high quality images  
Tomoko Kobayashi

Co-sponsored by  
Boston Scientific Japan K. K.

15:30-18:00 **PCI Live Case Transmission 8**

Chairs  
Junji Yajima, Tetsuo Matsubara, Rajesh M. Dave

Commentators  
Salman Arain, Rei Fukuhara, Chi-Hung Huang,  
Akira Nishikawa, Masaharu Okada,  
Yoshisato Shibata, Yasunori Ueda, Hongbing Yan

**Themed Theater**

**Luncheon Seminar**

12:30-13:30 **Optimal decision for ACS patient**

**Chairs**  
Yoshihiro Morino,  
Takashi Muramatsu  
(Fujita Health University Hospital, Japan)

**Lecturers**  
Face the high risk patients – High bleeding and thrombotic risk -  
Masahiro Natsuaki

ACS mechanisms and tailored therapy ~Potential of intra coronary imaging~  
Yoshiyasu Minami  
(Kitasato University Hospital, Japan)

Co-sponsored by  
Abbott Vascular Japan Co., Ltd.

**Themed Live Case Transmission**

**Higashi Takarazuka Satoh Hospital**

**Operators**  
Tomohiro Kawasaki, Eisho Kyo, Shunsuke Matsuno,  
Satoru Otsuji, Junya Shite, Ryohei Yoshikawa

**Cath Lab Commentator**  
Yoshinori Yasaka

**IVUS Commentators**  
Kenichi Fujii, Kiyoshi Hibi, Sang Wook Kim,  
Mitsuyasu Terashima

13:30-15:30 **Themed Live Case Transmission 5**

**Chairs**  
Yoshihisa Kinoshita, Yoshiaki Ito,  
Marie-Claude Morice, Seung-Jea Tahk

**Commentators**  
Yuzo Akita, Jungo Furuya, Arun Kalyanasundaram,  
Nobuo Komatsu, Takayuki Okamura,  
Haeng Nam Park, Peng Qu, Nobuhiro Tanaka

13:30-15:00 **<Focus Live>**

**Short lecture**  
New pressure wire and pitfalls of physiology guided PCI  
Jun Yamashita

Co-sponsored by  
Abbott Vascular Japan Co., Ltd.

15:30-18:00 **Themed Live Case Transmission 6**

**Chairs**  
Ichiro Hamanaka, Yuji Oikawa, In Ho Chae,  
Thierry Lefevre

**Commentators**  
Remo Albiero, Ryuichi Funada, Shozo Ishihara,  
Simon Lo, Toshiro Shinke, Xiantao Song,  
Satoru Tohara, Takehiro Yamashita

15:30-17:00 **<Focus Live>**

**Short lecture**  
Ultimaster Tansei - Sophisticated ability -  
Kimihito Usui

Co-sponsored by  
TERUMO CORPORATION

**Room 3**

**International Joint Session**

8:30-10:20 **CIAT @ CCT2018 "The most educated cases in complex PCI"**

**Chairs**  
Wasan Udayachalerm, Masahisa Yamane

**Panelists**  
Tanyarat Aramsareewong, Anek Kanokslip,  
Adrian Low, Akira Nakano, Masaharu Okada,  
Shiro Ono, Nakarin Sansanayudh

**Intro & objective**  
Masahisa Yamane

**Lecturers**  
How to prevent complications in complex PCI  
Wirash Kehasukcharoen

**Case 1**  
Danon Kaewkes

**Case 2**  
Muenpetch Muenkaew

**Case 3**  
Siriporn Athisakul

**Coronary complication(s) in TAVR patients**  
Wacin Buddhari

**Case 4**  
Supawat Ratanpo

**Case 5**  
Narathip Chunhamaneewat

**Q&A**

**Summary & take home message**  
Wasan Udayachalerm

**International Joint Session**

10:30-12:20 **CIT at CCT: Case-based discussion on complex and high-risk PCI**

**Chairs**  
Yasumi Igarashi, Jie Qian

**Discussers**  
Ichiro Hamanaka, Yue Li, Xiantao Song,  
Fucheng Sun, Takafumi Tsuji, Bin Zhang

**Introduction and objectives**  
Yasumi Igarashi, Jie Qian

<10:35-11:00> **CTO**

**Lecturers**  
Case presentation: Complex CTO  
Jingang Cui

**Panel discussion with audience Q&A**

**State-of-the-art review: The latest CTO techniques and devices**  
Takafumi Tsuji

<11:00-11:25> **Left main bifurcation**

**Lecturers**  
Case presentation: Complex left main bifurcation  
Yoshihisa Kinoshita

**Panel discussion with audience Q&A**

**State-of-the-art review: The latest evidence in left main bifurcation PCI**  
Yong He

<11:25-11:50> **Cardiac insufficiency**

**Lecturers**  
Case presentation: PCI in a patient with severe cardiac insufficiency  
Jie Qian

**Panel discussion with audience Q&A**

**State-of-the-art review: The optimal approach to PCI in patient with severe cardiac insufficiency**  
Ichiro Hamanaka

<11:50-12:20> **Severely calcified lesion**

**Lecturers**  
Case presentation: PCI in severely calcified lesion  
Yoriyasu Suzuki

**Panel discussion with audience Q&A**

**State-of-the-art review: The optimal approach to PCI in severely calcified lesion**  
Xiantao Song

**Take-home message**  
Yasumi Igarashi, Jie Qian

Co-sponsored by  
CANON MEDICAL SYSTEMS CORPORATION

**Luncheon Seminar**

12:30-13:30 **The most memorable CTO case**

**Chairs**  
Eisho Kyo, Akira Nishikawa

**Lecturers**  
A challenging case of CTO-PCI  
Jie Qian

**Seeing with the mind's eye: Near zero contrast CHIP**  
Salman Arain

**My CTO case**  
Hoang Van

Co-sponsored by  
SHIMADZU CORPORATION

**International Joint Session**

13:30-15:20 **ISIC @ CCT: Indonesia presents a hot topics in interventional cardiology**

<13:30-14:20> **Part 1**

**Chairs**  
Yuji Hamazaki, Sunarya Soerianata

**Panelists**  
Tian Hai Koh, Antonia A. Lukito, Kenya Nasu,  
Achmad Fauzi Yahya

**Lecturers**  
Opening  
Sunarya Soerianata

**Lecture 1: Taking rotational atherectomy to road less travelled**  
Achmad Fauzi Yahya

**Case 1: A case of stumpless RCA CTO - which strategy - Case presentation**  
Amir Aziz Alkatiri

**How would I do**  
Kenya Nasu

**How I did it**  
Amir Aziz Alkatiri

**Case 2: Isolated DeBakey Type type II and type IIIA chronic aortic dissection -Case presentation**  
Taofan Siddiq

**How would I do**  
Seung-Woon Rha

**How I did it**  
Taofan Siddiq

<14:20-15:20> **Part 2**

**Chairs**  
Keiichi Igarashi Hanaoka, Teguh Santoso

**Panelists**  
Kaoru Iwabuchi, Hsien-Li Kao, Linda Lison,  
Hiroyuki Tanaka, Wasan Udayachalerm,  
Achmad Fauzi Yahya

**Lecturers**  
Lecture 2: Progress in interventional treatment of heart failure  
Teguh Santoso

**Case 3: Left main bifurcation intervention in a sudden cardiac death survivor - Case presentation**  
Bambang Budiono

**How would I do it**  
Tian Hai Koh

**How I did it**  
Bambang Budiono

**Lecture 3: How to deal with watchman procedure complication**  
Muhammad Munawar

**Closing**  
Teguh Santoso

**Coffee Break Session**

**15:30-16:00 High resolution angioscope**

Chair  
*Shinsuke Nanto*

Lecturer  
A future-oriented imaging device: High-resolution coronary angiography forward looking  
*Yuhei Nojima*  
(*Nishinomiya Municipal Central Hospital, Japan*)

Co-sponsored by  
*OVALIS Ltd.*

**Scientific Program**

**16:00-18:00 Stingray session "Beyond Hybrid"**

Chairs  
*Maoto Habara, Tomohiro Kawasaki, Eugene Brian Wu*

Commentators  
*Rustem Dautov, Yuji Hamazaki, Arun Kalyanasundaram*

Lecturers  
New antegrade coronary device "Stingray LP system" report from Bridge Point Club - Japan style of ADR  
*Maoto Habara*

Successful ADR for previously failed mid LAD occlusion  
*Shunsuke Matsuno*

My findings obtained through successful IVUS-guided ADR  
*Yoshiaki Ito*

APCTO algorithm and AP style ADR  
*Scott Andrew Harding*

Antegrade dissection re-entry practical tips & tricks  
*Jianfang Luo*

Panel discussion

Co-sponsored by  
*Boston Scientific Japan K. K.*

**Fireside Session**

**18:00-20:00 Why do we use Resolute Onyx? - Korean vs. Japanese perspective**

**<18:00-18:40> Session 1: LM bifurcation**

Chairs  
*In Ho Chae, Tomoaki Kanaya*  
(*Dokkyo Medical University Hospital, Japan*)

Panelists  
*Jin Man Cho*  
(*KyungHee University Gangdong Hospital, Korea*),  
*Weon Kim* (*KyungHee University Hospital, Korea*),  
*Han Cheol Lee*  
(*Busan National University Hospital, Korea*),  
*Jong Seon Park* (*Veteran's Hospital, Korea*),  
*Jay Young Rhew* (*Jesus Hospital, Korea*),  
*Yohei Sotomi* (*Osaka Police Hospital, Japan*),  
*Futoshi Yamanaka*  
(*Shonankamakura General Hospital, Japan*)

Opening remarks  
*In Ho Chae*

Case report 1 : LM bifurcation  
*Sung Hun Park* (*Eulji University Nowon Hospital, Korea*)

Case report 2 : LM bifurcation  
*Shinichiro Yamada*

Discussion

Closing remarks  
*Tomoaki Kanaya*  
(*Dokkyo Medical University Hospital, Japan*)

**<18:40-19:20> Session 2: CTO**

Chairs  
*Masaharu Okada, Hun Sik Park*

Panelists  
*Seung Mo Kang* (*Choonju General Hospital, Korea*),  
*Hiroto Kano*,  
*Cheol Hwan Kim* (*Mokpo Central Hospital, Korea*),  
*Jaehee Kim* (*Daegu Patima Hospital, Korea*),  
*Seung Jin Lee*  
(*Sooncheonhyang University Cheonan Hospital, Korea*),  
*You Hong Lee* (*Cheongju Hankook Hospital, Korea*),  
*Sang Wook Lim* (*Bundang Cha Hospital, Korea*),  
*Hiroaki Matsuda*

Opening remarks  
*Hun Sik Park*

Case report 3  
*Jung Hee Lee* (*Youngnam University Hospital, Korea*)

Case report 4  
*Michiya Kageyama*

Discussion

Closing remarks  
*Masaharu Okada*

**<19:20-20:00> Session 3: STEMI**

Chairs  
*Youngkeun Ahn, Nehiro Kuriyama*

Panelists  
*Dong Hoon Han*  
(*Hallym University Gangang Sacred Heart Hospital, Korea*),  
*Hyun Wook Lee*  
(*Sooncheonhyang University Gumi Hospital, Korea*),  
*Yuya Nakagawa*  
(*Hakodate Medical Association Hospital, Japan*),  
*Wook Bum Pyun*  
(*Ehwa University Mokdong Hospital, Korea*),  
*Won Woo Seo*  
(*Hallym University Gangdong Sacred Heart Hospital, Korea*),  
*Young Uk Seo* (*Cheomdan General Hospital, Korea*),  
*Tomomi Watanabe* (*Tottori University Hospital, Japan*)

Opening remarks  
*Youngkeun Ahn*

Case report 5  
*Gwang Sil Kim*  
(*Inje University Sanggye Paik Hospital, Korea*)

Case report 6  
*Hiroyuki Yokota* (*Saiseikai Utsunomiya Hospital, Japan*)

Discussion

Closing remarks  
*Nehiro Kuriyama*

**Room 5**

**Morning Session**

**7:30-8:20 Live case pre-discussion session**

Chairs  
*Kazuhiro Ashida, Kaoru Iwabuchi*

Discussers  
*Hidetoshi Abe, Shingo Hosogi, Hiroyuki Kunii, Makoto Sekiguchi, Shigeo Sugawara, Satoru Tohara*

**Scientific Program**

**8:30-10:20 Trend in ACS treatment**

Chairs  
*Yoshiaki Ito, Hiroshi Ohta*

Lecturers  
Key note : Trend in treatment for acute coronary syndrome  
*Yuji Ikari*

Appropriate approach for ACS: TRI or TFI  
*Takahide Suzuki*

The role of aspiration thrombectomy and distal protection devices  
*Yohei Numasawa*

The recent trend in treatment of ACS: What is the best revascularization strategy in ACS patients with multivessel disease?  
*Masaki Fujita*

Strategy for calcified lesion in ACS case  
*Haeng Nam Park*

Mechanical support in patients with AMI complicated by cardiogenic shock  
*Yusuke Hosokawa*

**International Joint Session**

**10:30-12:20 APCTO Club Part 1**

Live Transmission Site:  
**National Taiwan University Medical School & Hospital, Taiwan, R.O.C.**

Operators  
*Ying-Hsien Chen, Ching-Chang Huang*

Chairs  
*Scott Andrew Harding, Etsuo Tsuchikane, Eugene Brian Wu*

Proctor  
*Hsien-Li Kao*

Panelists  
*Lei Ge, Maoto Habara, Arun Kalyanasundaram, Hsien-Li Kao, Seung-Whan Lee, Soo Teik Lim, Kambis Mashayekhi, Eugene Brian Wu, Junji Yajima*

Opening  
*Scott Andrew Harding*

Closing  
*Eugene Brian Wu*

**Luncheon Seminar**

12:30-13:30 **R02018 - design and practical considerations for bifurcation stenting**

See p. 57

Co-sponsored by  
Medtronic Japan Co., Ltd.

Japanese only

**CCT Live Playback Session**

13:30-15:30 **Session 1: The Cardiovascular Institute Hospital Session**

Masters  
Osamu Katoh, Junji Yajima

Moderator  
Takafumi Tsuji

Commentators  
Hiroshi Asano, Hiroto Kano, Hiromasa Katoh,  
Yuichi Kobori, Koshi Matsuo, Yuji Oikawa,  
Kimihito Usui

**Coffee Break Session**

15:30-16:00 **Experts' wire selection logics**

See p. 58

Co-sponsored by  
Abbott Vascular Japan Co., Ltd.

Japanese only

**CCT Live Playback Session**

16:00-18:00 **Session 2: Tokeidai Memorial Hospital Session**

Masters  
Yasumi Igarashi, Osamu Katoh

Moderator  
Takafumi Tsuji

Commentators  
Noriko Makiguchi, Wataru Nagamatsu, Soji Nishio,  
Yoshihisa Shimada, Tepei Sugaya,  
Tomohiko Teramoto, Masaru Yamaki

**Fireside Session**

18:00-19:30 **Angio-based physiology with QFR: Results from meta-analyses and clinical research in Japan**

Chair  
Hitoshi Matsuo

Lecturers  
Quantitative flow ratio (QFR): From the basics to clinical application  
Hiroki Emori (Wakayama Medical University, Japan)

Clinical experience of QFR in our facility  
Masahiro Hoshino  
(Tsuchiura Kyodo General Hospital, Japan)

QFR for stenosis evaluation in clinical practice  
Niels Ramsing Holm

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**Room 6**

**Scientific Program**

8:30-10:20 **Physiology**

Chairs  
Takashi Akasaka, Seung-Jea Tahk

Commentators  
Hiroshi Fujita, Makoto Kadotani, Tadayo Sato,  
Koichi Tamita

Lecturers  
Resting index and hyperemic index  
Yoshiaki Kawase

iFR for tandem lesion  
Yuetsu Kikuta

FFR for LM bifurcation PCI  
Chang Wook Nam

FFR-CT for procedural planning  
Hitoshi Matsuo

FFR for outcome prediction  
Shoichi Kuramitsu

FFR for economic effectiveness  
Nobuhiro Tanaka

Discussion

10:20-12:20 **CT -Thorough verification of CTO-PCI failure cases by using CT information-**

Chairs  
Alfredo R. Galassi, Masaaki Okutsu,  
Satoru Sumitsuji

Discussers  
Masaki Awata, Yoshihide Fujimoto, Hee-Yeol Kim,  
Kenji Sadamatsu, Takeshi Serikawa,  
Georgios Sianos, Shinichiro Yamada

<10:20-11:20> **Case1**

Lecturers  
An unsuccessful LAD CTO-PCI case; reevaluation from CTCA analysis  
Masaki Tanabe

What I would focus on  
Kenichiro Shimoji

What I would focus on  
Satoru Tohara

Discussion

How I treated  
Masaki Tanabe

Final discussion

<11:20-12:20> **Case2**

Lecturers  
Running is a shame, but useful?  
Naoki Masuda

What I would focus on  
Jin-Ho Choi (Samsung Medical Center, Korea)

What I would focus on  
Yoshiki Uehara

Discussion

How I treated  
Naoki Masuda

Final discussion

**Luncheon Seminar**

12:30-13:30 **Evidence based iFR and daily practice**

See p. 59

Co-sponsored by  
Philips Japan, Ltd.

Japanese only

**Scientific Program**

13:30-15:20 **DCA**

Chairs  
Yasumi Igarashi, Alan C. Yeung

<13:30-14:15> **Session 1: Evidence Session**

Lecturers  
Review of novel DCA  
Maoto Habara

Report from DCA+DCB Registry  
Shunsuke Kitani (Tokeidai Memorial Hospital, Japan)

Pathology obtained from the DCA  
Gaku Nakazawa

<14:15-15:20> **Session 2: Technical Session Discuss about the indication of new DCA**

Lecturers  
Effectiveness of DCA  
Yoshitane Seino

Treatment results without DCA  
Takenori Domei

Is DCA necessary for the treatment of bifurcation lesions?  
Yoshinobu Murasato

Discussion

**Coffee Break Session**

15:30-16:00 **Evidence based optimal IVUS criteria**

See p. 59

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**Scientific Program**

16:00-18:00 **CTO**

Chairs  
Satoru Sumitsuji, Gerald S. Werner,  
Masahisa Yamane

<16:00-17:00> **Registry of CTO-PCI**

Lecturers  
Temporal trends of CTO PCI in Europe - Insights from the ERCTO registry -  
Georgios Sianos

Lessons from K-CTO registry  
Seung-Woon Rha

Outcome of CTO-PCI from the Japanese CTO-PCI expert registry  
Yoriyasu Suzuki

<17:00-17:40> **Randomized controlled trial of CTO-PCI**

Lecturers  
The EURO CTO trial- lessons learned  
Gerald S. Werner

Decision - CTO  
Seung-Whan Lee

<17:40-18:00> **APCTO Club algorithm**

Lecturers  
A new algorithm for crossing chronic total occlusions from the Asia Pacific Chronic Total Occlusion Club  
Scott Andrew Harding

E J

E J



Room 8

Fellow Course

8:30-12:20 Fellow Course "Calcified lesion"

See p. 60

Japanese only

Luncheon Seminar

12:30-13:30 Beyond the image!  
New generation angiography system  
"Alphenix"

See p. 61

Japanese only

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Fellow Course

13:30-15:30 Fellow Course "Physiology (FFR)"

See p. 61

Japanese only

Sponsored Session

15:30-17:00 Indian session  
"Managing complex case"

Lecture

Chairs  
Dev Pahlajani (Breach Candy Hospital Mumbai, India),  
Vijay Pthak (SMS Medical College, Jaipur, India)

Lecturer  
Kenya Nasu

Part 1 Managing complex cases

Chairs  
Kenya Nasu,  
P. R. Vaidyanathan (GKNM, Coimbatore, India),  
Jayesh Prajapati (Apollo hospitals, Ahmedabad, India)

Commentators  
Vivek Ganapathiraman (Sparsh Hospital, India),  
Deepak Saha (Vrinchi, Hyderabad, India),  
Karthikeyan Balakrishnan  
(Hindu Mission Hospital, Chennai, India),  
Vinu Joy (MOSC Hospital, India),  
Sepalika Mendis  
(National Hospital of Sri Lanka, Sri Lanka)

Presenters  
Raja Sekhar Varma (Aster Medcity, India),  
Hiromasa Katoh,  
Bhavesh Roy (Zydus Hospital, India)

Part 2 Every CTO has its new challenges  
& learnings

Chairs  
Kenya Nasu,  
Sunil Dwivedi (Vikram Hospital, India),  
Prakash Sanzgiri  
(Lilavati Hospital/ShushrushaHospital, India)

Commentators  
Himanshu Gupta (PGIMER, India),  
Sohan K Sharma (SMS Jaipur, India),  
Arvind Das (Max Gurgaon, India),  
Kurshid Aslam Khan (SKIMS, India),  
Pandula Mahesh (Durdans hospital, Sri Lanka)

Presenters  
Shingo Hosoki, Pravin K.Goel

17:00-18:00 International Special Session  
"Challenging to the complex - from the  
beginning to the end-"

<17:00-17:30> Entry site management

Chair  
Ching-Chang Fang

Commentators  
Hsu-Ping Wu  
(Mackay Memorial Hospital Hsinchu Branch, Taiwan),  
Jae Bin Seo, Jiunn-Cherng Lin

Presenters  
Case presentation  
Himanshu Gupta (PGIMER, India)

GSS/TR band  
Motomaru Masutani

<17:30-18:30> Complex PCI through radial

Chairs  
Peng Qu, Teguh Santoso,  
Paul Ong (Tan Tock Seng Hospital, Singapore),  
Muhammed Munawar

Commentators  
Li-Chin Sung  
(Taipei Medical University Shuang-Ho Hospital, Taiwan),  
Seung Uk Lee, Yu Cao,  
Yu-Cheng Kao  
(Keelung Chang Gung Memorial Hospital, Taiwan),  
Byung Ryul Cho,  
Young Won Yoon  
(Yonsei University Gangnam Severance, Korea)

Presenters  
Tansei/ Ryurei/Accuforce  
Takeshi Serikawa

UM case presentation  
Fa-chang Yu (Mackay Memorial Hospital, Taiwan)

Complex case via radial  
Raja Sekhar Varma (Aster Medcity, India)

Bifurcation tip&tricks / UM  
Tomohiko Teramoto

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Room 12

Morning Session

8:00-9:00 SCC@CCT 2

Chairs  
Jiyan Chen, Eisho Kyo

Discussers  
ZhuJun Chen, Rei Fukuhara, Shozo Ishihara, Yue Li

Case presenter  
Chunjian Li

J 中

PCI Live Case Transmission

9:10-10:30 Chinese Perspectives on Live Case  
Transmission 3

Chairs  
Eisho Kyo, Yue Li, Chiung-Jen Wu

IVUS Commentator  
Junko Honye

Commentators  
Kazuhiro Ashida, Shozo Ishihara, Jie Qian,  
Weixian Yang,  
Qing Zhang  
(Renji Hospital of Medical School of Shanghai  
Jiaotong University, People's Republic of China),  
Li Zhou

Presenter  
ASAHI guide catheter - Safety and backup, all  
in one -  
Wataru Nagamatsu

10:40-12:00 Chinese Perspectives on Live Case  
Transmission 4

Chairs  
Eisho Kyo, Hongbing Yan

IVUS Commentator  
Takayuki Okamura

Commentators  
Yi Feng, Pengcheng He, Jianying Ma,  
Hiroyuki Tanaka, Kimihito Usui,  
Mian Wang  
(West China Hospital of Sichuan University, People's  
Republic of China),  
Jutaro Yamada

Presenter  
Ultimate trial  
JunJie Zhang

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KANEKA MEDIX CORPORATION  
NIPRO CORPORATION  
TERUMO CORPORATION

Luncheon Seminar

12:30-13:30 Logical device selection for complex  
lesion

Chairs  
Yasushi Asakura, Yuji Hamazaki

Lecturers  
New manufacturing method by MIZUKI  
Takeshi Niizeki

Tips of DLC for complex coronary intervention  
Ryoji Koshida

Therapeutic strategies for coronary thrombotic  
lesions  
Kazuyuki Ozaki

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E J

Joint Session

13:30-15:30 J-WINC@CCT: Never mind the standard/  
criteria! Let's think and give it a try:  
Rotablator & orbital atherectomy

See p. 62

16:00-18:00 The experts's view for Slender PCI 2018:  
Complex intervention via distal radial artery

<16:00-16:30> Session 1

Chair  
Kazuhiro Nishigaki

Commentators  
Jiro Ando, Hiroshi Asano, Ryo Gotoh,  
Kazushige Kadota, Yuichi Kobori, Shih-Chi Liu,  
Takahide Suzuki

Presenter  
Takashi Matsukage

<16:30-17:00> Session 2

Chairs  
Bernard Chevalier, Yoshiaki Katahira

Commentators  
Tae-hoon Ahn, Kaoru Iwabuchi, Shuzheng Lyu,  
Katsuhiko Masamura, Teguh Santoso,  
Shinji Tayama

Presenter  
Motomaru Masutani

<17:00-17:30> Session 3

Chairs  
Yoshiaki Mibiki, Chiung-Jen Wu

Commentators  
Yoshihide Fujimoto, Noriyuki Kinoshita,  
Seung Hwan Lee, Soo Teik Lim, Hitoshi Matsuo,  
Ichiro Michishita, Masaaki Okutsu, Peng Qu

Presenter  
Akihiko Takahashi

<17:30-18:00> Session 4

Chairs  
Tian Hai Koh, Yoichi Nozaki

Commentators  
Chien-Ming Huang, Yoshiaki Kawase,  
Moo Hyun Kim, Takashi Okada, Kenji Sadamatsu,  
Yoshiki Uehara, Shinichiro Yamada

Presenter  
Fuminobu Yoshimachi

Japanese only

Case Presentation Room

Case Competition

8:30-10:10 CTO 1

**Chairs**  
Masami Sakurada, Pattraporn Srirattana

**Judges**  
Hiroaki Abe, Souichirou Ebisawa, Takashi Matsukage, Sundeep Mishra, Makoto Muto, Gregory Starmer, Tomohiko Teramoto, Dong Ju Yang

**Speakers**  
Successful PCI of a long time CTO after bypass  
Yusuke Fukushima  
(Nagatsuta Kosei General Hospital, Japan)

To minimize the subintimal tracking by retrograde wire anchor and Intracoronary Rendezvous technique-- An unforgettable recanalization of LAD ostium in-stent CTO  
Shih-hao Yu  
(Kaohsiung Medical University Hospital, Taiwan, R.O.C.)

When front door is closed, let's moonwalk for back door (Retrograde approach for stumpless LAD ostial CTO lesion)  
Jun-Won Lee  
(Yonsei University Wonju College of Medicine, Korea)

The effectiveness of IVUS guide wiring and dual lumen catheter for CTO  
Hiroyuki Yokota (Saiseikai Utsunomiya Hospital, Japan)

A case of no contrast at the exit of RCA-CTO from any coronary artery  
Hirooki Higami (Otsu Red Cross Hospital, Japan)

Successful CTO of RCA with minimal contrast in patient with severe renal dysfunction  
Takuma Tsuda (Nagoya Ekisaikai Hospital, Japan)

Successful staged PCI for LCx double CTO with Rendezvous technique  
Atsuichiro Shigenaga  
(Yokohama City University Hospital, Japan)

Revascularization of a stumpless chronic total occlusion of middle circumflex artery segment which was covered via stent strut using the combination of IVUS-guided reentry and retrograde approach  
Yen Bo Su  
(Taipei Veterans General Hospital, Taiwan, R.O.C.)

CTO PCI at ostial LAD instent and LIMA to LAD anastomosis  
Hsiang-Yao Chen  
(Taipei Veterans General Hospital, Taiwan, R.O.C.)

Complex3 .... all the way!  
Aaron Wong  
(National Heart Centre Singapore, Singapore)

10:20-11:20 Others 2

**Chairs**  
Tony DeMartini, Kazushige Kadota

**Judges**  
Tetsuya Amano, Candy Ming Yan Cheuk, Tetsuya Fusazaki, Kyoo Rok Han, Moo Hyun Kim, Sung Yun Lee, Motomaru Masutani, Masahiro Natsuaki

**Speakers**  
The case which performed pathological evaluation both of high intensity plaque and non-high intensity plaque with magnetic resonance imaging  
Kenzo Uzu (Hyogo Brain And Heart Center, Japan)

Iatrogenic Type A Dissection during Catheter Intervention  
Hideto Sangen (Nippon Medical School, Japan)

Successful coronary intervention with paclitaxel-coated balloon for anastomosis of coronary artery bypass graft for Bland-White-Garland syndrome  
Masahiro Hada (Tsuchiura Kyodo General Hospital, Japan)

A case of recanalized coronary occlusion with lotus root-like appearance treated by ELCA and DCB with OCT and CAS guidance  
Hidekazu Aoyama  
(Nagoya Tokushukai General Hospital, Japan)

Easily size-adjustable homemade snare effective for bailout of kinked guiding catheter  
Kenshi Ono (Kyoto Chubu Medical Center, Japan)

Successful complete revascularization in a complex multivessel coronary disease with chronic total occlusion for an acute management of severe ischemic heart failure  
Toshinori Ko  
(Nippon Medical School Tama Nagayama Hospital, Japan)

11:20-12:20 AMI, ACS 1

**Chairs**  
Yuji Ikari, Kee-Sik Kim

**Judges**  
Jang-Whan Bae, Kook Jin Chun, Takaaki Isshiki, Kyaw Zaw Lin, Toshiyuki Matsumura, Saidur Khan Rahman, Minoru Takahashi, Jun Yamashita

**Speakers**  
A 39 year-old man suffered from recurring anterior STEMI within one year  
Feng-Ching Yang  
(Kuang Tien General Hospital, Taiwan, R.O.C.)

Difficulties during ECMO-CPR in patient with STEMI complicating Ventricular fibrillation  
Jin Sup Park (Pusan National University Hospital, Korea)

David and Goliath  
Yue Hong Cheng (Pok Oi Hospital, Hong Kong)

Complex bifurcation LAD lesion PCI in a case of unstable angina with high creatinine  
Bibhash Ranjan Nath (Desun Hospital, India)

A case of spasm-related ACS deferred by iFR 3 weeks before  
Isao Aburadani (Kurobe City Hospital, Japan)

An inferior STEMI case with anomalous coronary artery  
Mitsunobu Kaneko  
(Tokyo Metropolitan Police Hospital, Japan)

Luncheon Seminar

12:30-13:30 To the expert of PCI/PPI utilizing online forum - What will e-casebook give you ? -

**Lecturers**  
Sumitsuji forum - PCI based on physics and mechanics  
Satoru Sumitsuji

Saikyo EVT Course - Takuya Haraguchi - SCVC style -  
Takuya Haraguchi

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13:40-15:20 Others 3

**Chairs**  
Tsutomu Fujita, Chang Wook Nam

**Judges**  
Min-Ku Chon, Takeshi Hibino, Hweung-Kon Hwang, Kengo Tanabe, Qiang Tang, Yoshito Yamamoto, Binquan Zhou

**Speakers**  
Iatrogenic left main coronary artery dissection with extension to ascending aorta  
Yoichi Yamada (Shin-Sapporo Junkanki Hospital, Japan)

Tough bail-out case of pressure wire stuck with long remnant  
Isumure Nishiyama (Nagoya Ekisaikai Hospital, Japan)

One case with pericardial drainage due to coronary penetration on LAD#9 and LCx#14 at the same time by only one Sion wire  
Atsuki Fukae (National Nagasaki Medical Center, Japan)

Separated Coronary Stent; a Rare Complication of Directional Coronary Atherectomy resulting in "real" non-stent strategy  
Soichiro Kikuchi  
(Gunma Saiseikai Maebashi Hospital, Japan)

A Case of Contrast-Induced Encephalopathy  
Hitoshi Kamiunten (Oita Prefectural Hospital, Japan)

A Case Complicated with detachment of Microcatheter during Percutaneous Coronary Intervention  
Takuya Tsujimura (Kansai Rosai Hospital, Japan)

A case of three vessel coronary disease including RCA total occlusion, all coronary artery occluded by LMT dissection occurred by guiding-catheter (GC) and succeeded in bailout  
Akihiro Maezono (Fukuoka City Hospital, Japan)

Successful bailout of iatrogenic dissection at right coronary artery  
Hisanori Yui (University of Shinshu, Japan)

Chronic and Silent Coronary Artery Disease Complicated by Ventricular Fibrillation Treated with Scheduled PCI for LAD and RCA  
Koichi Nakamura (Kitaharima Medical Center, Japan)

Tap wire ....to help or to harm  
Sasivimon Jaiaue  
(Chiangrai Regional Hospital, Thailand)

15:20-16:30 Calcified lesion 1

**Chairs**  
I-Chang Hsieh, Yasunori Nishida

**Judges**  
Wataru Fujimoto, Kazuyoshi Kaneko, Hiroyuki Kunii, Gongxin Li, Jianying Ma, Yoshiaki Mibiki, Phyto Htet Oo

**Speakers**  
Wire entrapment in calcified RCA CTO. The way of problem solution  
Sergey N Furkalo  
(National Institute of Surgery and Transplantology, Ukraine)

Progressive intermittent complete balloon occlusion in ruptured coronary artery  
Myint Thein (Binawaluya Cardiac Center, Indonesia)

The 4Fr mother-child Technique for Treatment of Severely Calcified Coronary Lesions and Complication : a case report  
Li Zhou  
(Beijing Friendship Hospital, Capital Medical University, People's Republic of China)

Recurrent in-stent restenosis of 3rd generation DES with heavy calcification in ostial RCA  
Kohei Asada (Okamura Memorial Hospital, Japan)

The Second Attempt Case for LCX with Heavily Calcification and Tortuosity which was the Donor Artery to the RCA CTO  
Motosu Ando (Okamura Memorial Hospital, Japan)

One case of coronary extravasation after Rota  
Yuho Fukuda (Nagasaki Medical Center, Japan)

A Case of PCI Completion against Various Complications in Rotational Atherectomy for Calcified Lesions with Acute Coronary Syndrome and Cardiogenic Pulmonary Edema  
Toru Tagashira (Kita-Harima Medical Center, Japan)

16:40-17:50 **AMI, ACS 2**

Chairs

Akiyoshi Matsumuro, Jie Qian

Judges

Yuzo Akita, Yi Feng, Weimin Li, Kazuyuki Ozaki, Katsumi Ueno, Chi Yuen Wong, Tamon Yamanaka, Kazuhiko Yumoto

Speakers

The two cases of AMI with ectasic coronary artery  
Shin Hasegawa  
(Nagoyatokushukai General Hospital, Japan)

A Young Patient with STEMI: Different Approach  
Lal Daga (Shalby Hospitals Ahmedabad, India)

Non-ST-segment elevation myocardial infarction due to plaque erosion potentially caused by coronary spasm  
Tomoki Horie (Tsuchiura Kyodo General Hospital, Japan)

Acute Myocardial Infarction with Cardiogenic Shock - Culprit Only or Multivessel PCI  
Yik Ching Hung (Tuen Mun Hospital, Hong Kong)

Hanging by a Thread  
Jonathan G Sung (Tuen Mun Hospital, Hong Kong)

A STEMI case with recurrent coronary vasospasm causing cardiogenic shock  
Chao-Wen Hsueh  
(Cheng Hsin General Hospital, Taiwan, R.O.C.)

A case of Spontaneous Coronary Arterial dissection complicated LM dissection  
Jung Ho Heo (Kosin University Hospital, Korea)

Exhibition

Promotion Session

Booth I

10:30-11:30 **Complex lesions/LMT 2**

Chairs

Byeong Keuk Kim, Katsuhiko Sato, Hiroshi Yamaguchi

M-39 Efficacy of PCI with double debulking devices in severe calcified lesions  
Seiji Yamazaki (Sapporo Higashi Tokushukai Hospital, Japan)

M-40 Concomitant procedure of LMT intervention and balloon aortic valvotomy for acute pulmonary edema  
Takeooshi Maeda (Ohama Daiichi Hospital, Japan)

M-41 The efficacy of using Lacrosse NSE Balloon before stenting for the severely calcified coronary lesion  
Hidehito Makabe (Seirei Yokohama Hospital, Japan)

M-42 A case of useful pre-KBT using scoring balloons for severe calcified lesions of the LMT bifurcation  
Tadashi Fukuda (Seirei Yokohama Hospital, Japan)

M-43 Reappraisal value of rotational atherectomy technique in contemporary coronary angioplasty era  
Daisuke Hachinohe (Sapporo Cardio Vascular Clinic, Japan)

M-44 Long Term Outcome of Unprotected Left Main Coronary Artery Disease: Comparison between CABG and PCI in Korean Single Center  
Kai Song (Dong-A University Hospital of South Korea, Korea)

Poster Session

Booth I

14:30-15:10 **ACS 3**

Chairs

Kojiro Awano, Shinji Miki

M-58 Efficacy of Impella for the reduction of acute ischemic mitral regurgitation in an acute myocardial infarction complicated with cardiogenic shock  
Tokuhiro Kimura (Nippon Medical School, Japan)

M-59 Second generation versus first generation DES for complete or incomplete revascularization in NSTEMI patients with multivessel disease  
Ming-Jer Hsieh  
(Chang Gung Memorial Hospital, Linkou Medical Center, Taiwan, R.O.C.)

M-60 Comparison of ticagrelor and clopidogrel on coronary microvascular dysfunction in STEMI patients  
Kyoung-Woo Seo (Ajou University School of Medicine, Korea)

M-61 Transradial versus Transfemoral Intervention in Non-ST Segment Elevation-Acute Coronary Syndrome Patients Undergoing Percutaneous Coronary Intervention  
Min-Ho Lee (Soonchunhyang University Hospital, Korea)

M-62 Different optimal platelet reactivity rate after New P2Y12 Inhibitor treatment after percutaneous coronary intervention in patients with acute coronary syndrome  
Kai Song (Dong-A University Hospital of South Korea, Korea)

M-63 Clinical and Prognostic Characteristics of Acute Myocardial Infarction in Patients with Hemodialysis and without Hemodialysis  
Akihiro Takasaki (Mie University, Japan)

Booth II

10:30-11:20 **Risk Factor 2**

Chairs

Simon Lo, Takao Matsubara, Ichiro Michishita

M-45 Prediction of risk factor for early discontinuation of ticagrelor by machine learning in patients with acute coronary syndrome  
Sang Hyun Park (Eulji University Hospital, Korea)

M-46 Impact of serum low-density lipoprotein cholesterol level on mortality in ischemic heart failure patients with or without statin therapy  
Takuya Sumi (Ichinomiya Municipal Hospital, Japan)

M-47 The roles of high-sensitivity cardiac troponin-T and coronary CT angiography in predicting early prognosis in patients with acute chest pain  
Jae Gyung Kim  
(Uijeongbu St. Mary's Hospital of The Catholic University of Korea, Korea)

M-48 Relationship between Achilles Tendon Thickness and Clinical Characteristics in Patients with Coronary Heart Disease  
Toshiki Takano  
(Niigata University Graduate School of Medical and Dental Sciences, Japan)

14:30-15:40 **Imaging/Miscellaneous 2**

Chairs

Salman Arain, Hiroshi Fujita, Masamichi Takano

M-64 Radiation exposure can be reduced by innovative multidisciplinary care model in patients received percutaneous coronary intervention  
Wei-Chun Huang  
(Kaohsiung Veterans General Hospital, Taiwan, R.O.C.)

M-66 The predictors of prolonged hemostasis after transradial coronary intervention: a prospective cohort study  
Jong-Hwa Ahn  
(Gyeongsang National University Changwon Hospital, Korea)

M-67 A Pilot Study in Singapore: Same-Day Discharge after Percutaneous Coronary Intervention  
Yu Ping Lim (Tan Tock Seng Hospital, Singapore)

M-68 Comparison of coronary angioscopy image between biodegradable polymer and durable polymer stents at 3-months after stent implantation  
Yuma Hamanaka (Osaka Police Hospital, Japan)

M-69 The effectiveness of non-compliant scoring balloon in calcified lesions, by examination of optical coherence tomography  
Kensuke Shimazaki (Nishiarai Heart Center Hospital, Japan)

M-70 Neointimal quality assessment 3 months after implantation of bioresorbable- versus durable-polymer stents: a quantitative light property analysis by OCT  
Tomoaki Kobayashi (Osaka Police Hospital, Japan)

M-71 One and A Half Months After the Implantation of Drug-Coated Stent at the Culprit of Acute Coronary Syndrome: Angioscopic Findings  
Shumpei Kosugi (Osaka National Hospital, Japan)

M-72 The case of 10 years after implantation of BMS and 1stDES observed by OCT  
Toshihiro Yoshino (Seirei Yokohama Hospital, Japan)

**Booth III**

10:30-11:20 **Complication/Bailout/DES**

Chairs  
Cheng-I Cheng, Honin Kanaya, Kazuo Ohsato

- M-50 A Case of Guidewire Entangled with a Stent Strut During Coronary Intervention for Acute Myocardial Infarction  
*Hirota Waki (Jichi Medical University, Japan)*
- M-51 Stent deformation caused by entrapment of side branch balloon during jailed balloon technique in a case with calcified bifurcation lesion  
*Yohei Numasawa (Japanese Red Cross Ashikaga Hospital, Japan)*
- M-53 A case of PCI for compromised sinus node artery causing sinus arrest  
*Kosuke Kadooka (Nippon Medical School Hospital, Japan)*
- M-55 Efficacy and safety of rotational atherectomy in severely calcified restenosis after drug-eluting stent implantation: a single-center, retrospective study  
*Yusuke Uemura (Anjo Kosei Hospital, Japan)*
- M-56 Short vs long duration of dual antiplatelet therapy after stent placement: A systematic review of 14 randomized trials  
*Jinying Zhou (Chinese Academy of Medical Sciences and Peking Union Medical College, People's Republic of China)*

14:30-15:00 **CTO 2**

Chairs  
Kiyoshi Hironaga, Sundeep Mishra

- M-73 CTO treatment: Can interventional cardiologist advice have prognostic implications?  
*Victoria Martin Yuste (Hopital Saintonge, France)*
- M-74 **Digital** Non-invasive identification of coronary collateral vessel using coronary computed tomography angiography  
*Jin-Ho Choi (Samsung Medical Center, Korea)*
- M-75 A case of CTO in which excimer laser was useful for passage of lesion  
*Nobuhiro Hara (Japanese Red Cross Musashino Hospital, Japan)*
- M-76 A case of successful IVUS guided re-wiring for retrograde guidewire-induced long dissection in STENT jailed LAD-CTO lesion  
*Akihiko Hodatsu (Keiju Medical Center, Japan)*

**Promotion Bureau**

**Digital Poster Session**

**Promotion Session**

11:00-12:00

See p. 62

Japanese only

Co-sponsored by  
Abbott Vascular Japan Co., Ltd.

**Promotion Session**

13:30-14:30

See p. 62

Japanese only

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**Promotion Session**

14:30-15:30

See p. 62

Japanese only

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Abbott Vascular Japan Co., Ltd.

16:00-17:30 **Digital Poster Session 2**

Chairs  
A.V. Ganesh Kumar, Yukio Ozaki

Judges  
Hiroaki Abe, Ben He, Ta-Chuan Hung, Taizo Kondo, Yoshiaki Matoba, Taketsugu Tsuchiya

- M-59 **Digital** Second generation versus first generation DES for complete or incomplete revascularization in NSTEMI patients with multivessel disease  
*Ming-Jer Hsieh (Chang Gung Memorial Hospital, Linkou Medical Center, Taiwan, R.O.C.)*

- M-61 **Digital** Transradial versus Transfemoral Intervention in Non-ST Segment Elevation-Acute Coronary Syndrome Patients Undergoing Percutaneous Coronary Intervention  
*Min-Ho Lee (Soonchunhyang University Hospital, Korea)*

- M-68 **Digital** Comparison of coronary angiography image between biodegradable polymer and durable polymer stents at 3-months after stent implantation  
*Yuma Hamanaka (Osaka Police Hospital, Japan)*

- M-70 **Digital** Neointimal quality assessment 3 months after implantation of bioresorbable- versus durable-polymer stents: a quantitative light property analysis by OCT  
*Tomoaki Kobayashi (Osaka Police Hospital, Japan)*

- M-74 **Digital** Non-invasive identification of coronary collateral vessel using coronary computed tomography angiography  
*Jin-Ho Choi (Samsung Medical Center, Korea)*

**Friday, October 26**

**Coronary Theater**

**Luncheon Seminar**

12:30-13:30 **What to consider to select the right wire IV - CTO guide wire selection and exchange -**

座長  
五十嵐 康己

What to consider to select the right wire IV - CTO guide wire selection and exchange -  
土金 悦夫

共催：朝日インテック株式会社

**Themed Theater**

**Luncheon Seminar**

12:30-13:30 **Optimal decision for ACS patient**

座長  
村松 崇 (藤田保健衛生大学病院)  
森野 禎浩

演者  
High risk患者に挑む – High bleeding and thrombotic risk –  
夏秋 政浩

ACS mechanisms and tailored therapy ~Potential of intra coronary imaging~  
南 尚賢 (北里大学病院)

共催：アボット バスキュラー ジャパン株式会社

**Room 3**

**International Joint Session**

8:30-10:20 **CIAT @ CCT2018 "The most educated cases in complex PCI"**

座長  
山根 正久  
Wasan Udayachalerm

パネリスト  
岡田 正治  
小野 史朗  
中野 顕  
Tanyarat Aramsareewong  
Anek Kanokslip  
Adrian Low  
Nakarin Sansanayudh

Intro & objective  
山根 正久

演者  
How to prevent complications in complex PCI  
Wirash Kehasukcharoen

Case 1  
Danon Kaewkes

Case 2  
Muenpetch Muenkaew

Case 3  
Siriporn Athisakul

Coronary complication(s) in TAVR patients  
Wacin Buddhari

Case 4  
Supawat Ratanpo

Case 5  
Narathip Chunhamaneewat

Q&A

Summary & take home message  
Wasan Udayachalerm

**International Joint Session**

10:30-12:20 **CIT@CCT: Case-based discussion on complex and high-risk PCI**

座長  
五十嵐 康己  
Jie Qian

ディスカッサー  
辻 貴史  
浜中 一郎  
Yue Li  
Xiantao Song  
Fucheng Sun  
Bin Zhang

Introduction and objectives  
五十嵐 康己  
Jie Qian

<10:35-11:00> **CTO**

演者  
Case presentation: Complex CTO  
*Jingang Cui*

Panel discussion with audience Q&A

State-of-the-art review: The latest CTO techniques and devices  
辻 貴史

<11:00-11:25> **Left main bifurcation**

演者  
Case presentation: Complex left main bifurcation  
木下 順久

Panel discussion with audience Q&A

State-of-the-art review: The latest evidence in left main bifurcation PCI  
*Yong He*

<11:25-11:50> **Cardiac insufficiency**

演者  
Case presentation: PCI in a patient with severe cardiac insufficiency  
*Jie Qian*

Panel discussion with audience Q&A

State-of-the-art review: The optimal approach to PCI in patient with severe cardiac insufficiency  
浜中 一郎

<11:50-12:20> **Severely calcified lesion**

演者  
Case presentation: PCI in severely calcified lesion  
鈴木 頼快

Panel discussion with audience Q&A

State-of-the-art review: The optimal approach to PCI in severely calcified lesion  
*Xiantao Song*

Take-home message  
五十嵐 康己  
*Jie Qian*

共催：キヤノンメディカルシステムズ株式会社

13:30-15:20 **ISIC @ CCT: Indonesia presents a hot topics in interventional cardiology**

<13:30-14:20> **Part 1**

座長  
濱崎 裕司  
*Sunarya Soerianata*

パネリスト  
那須 賢哉  
*Tian Hai Koh*  
*Antonia A. Lukito*  
*Achmad Fauzi Yahya*

演者  
Opening  
*Sunarya Soerianata*

Lecture 1: Taking rotational atherectomy to road less travelled  
*Achmad Fauzi Yahya*

Case 1: A case of stumpless RCA CTO - which strategy - Case presentation  
*Amir Aziz Alkatiri*

How would I do  
那須 賢哉

How I did it  
*Amir Aziz Alkatiri*

Case 2: Isolated DeBakey Type type II and type IIIA chronic aortic dissection - Case presentation  
*Taofan Siddiq*

How would I do  
*Seung-Woon Rha*

How I did it  
*Taofan Siddiq*

<14:20-15:20> **Part 2**

座長  
華岡 慶一  
*Teguh Santoso*

パネリスト  
岩淵 薫  
田中 裕之  
*Hsien-Li Kao*  
*Linda Lison*  
*Wasan Udayachalerm*  
*Achmad Fauzi Yahya*

演者  
Lecture 2: Progress in interventional treatment of heart failure  
*Teguh Santoso*

Case 3: Left main bifurcation intervention in a sudden cardiac death survivor - Case presentation  
*Bambang Budiono*

How would I do it  
*Tian Hai Koh*

How I did it  
*Bambang Budiono*

Lecture 3: How to deal with watchman procedure complication  
*Muhammad Munawar*

Closing  
*Teguh Santoso*

**Scientific Program**

16:00-18:00 **Stingray session "Beyond Hybrid"**

座長  
川崎 友裕  
羽原 真人  
*Eugene Brian Wu*

コメンテーター  
濱崎 裕司  
*Rustem Dautov*  
*Arun Kalyanasundaram*

演者  
New antegrade coronary device "Stingray LP system" Report from Bridge Point Club - Japan style of ADR  
羽原 真人

Successful ADR for previously failed mid LAD occlusion  
松野 俊介

My findings obtained through successful IVUS-guided ADR  
伊藤 良明

APCTO algorithm and AP style ADR  
*Scott Andrew Harding*

Antegrade dissection re-entry practical tips & tricks  
*Jianfang Luo*

Panel discussion

共催：ボストン・サイエンティフィック ジャパン株式会社

**Room 5**

**Morning Session**

7:30-8:20 **ライブ症例術前検討会**

座長  
芦田 和博  
岩淵 薫

ディスカッサー  
阿部 秀年  
國井 浩行  
菅原 重生  
関口 誠  
唐原 悟  
細木 信吾

**Scientific Program**

8:30-10:20 **ACS治療のトレンド**

座長  
伊藤 良明  
太田 洋

演者  
Key note : ACS治療のトレンド  
伊刈 裕二

適切なアプローチ TRI or TFI  
鈴木 孝英

多量血栓病変 吸引、末梢保護デバイスの必要性  
沼澤 洋平

多枝病変 どこまで攻める？  
藤田 雅樹

高度石灰化を伴う病変に対するストラテジー  
朴 幸男

補助循環の適切な使用法  
細川 雄亮



**International Joint Session**



10:30-12:20 **APCTO Club Part 1**

Live Transmission Site:  
**National Taiwan University Medical School & Hospital, Taiwan, R.O.C.**

オペレーター  
Ying-Hsien Chen  
Ching-Chang Huang

座長  
土金 悦夫  
Scott Andrew Harding  
Eugene Brian Wu

プロクター  
Hsien-Li Kao

パネリスト  
羽原 真人  
矢嶋 純二  
Lei Ge  
Arun Kalyanasundaram  
Hsien-Li Kao  
Seung-Whan Lee  
Soo Teik Lim  
Kambis Mashayekhi  
Eugene Brian Wu

Opening  
Scott Andrew Harding

Closing  
Eugene Brian Wu

**CCT Live Playback Session**



13:30-15:30 **Session 1: 心臓血管研究所付属病院 セッション**

マスター  
加藤 修  
矢嶋 純二

モデレーター  
辻 貴史

コメンテーター  
浅野 博  
臼井 公人  
及川 裕二  
加藤 大雅  
嘉納 寛人  
小堀 裕一  
松尾 浩志

**Coffee Break Session**



15:30-16:00 **日常臨床におけるガイドワイヤーセレクト  
～エキスパートたちの選択のロジック～**

座長  
五十嵐 康己

ディスカッサー  
伊藤 良明  
松陰 崇

共催：アボット バスキュラー ジャパン株式会社

**CCT Live Playback Session**



16:00-18:00 **Session 2: 時計台記念病院 セッション**

マスター  
五十嵐 康己  
加藤 修

モデレーター  
辻 貴史

コメンテーター  
嶋田 芳久  
管家 鉄平  
寺本 智彦  
永松 航  
西尾 壮示  
牧口 展子  
八巻 多

**Luncheon Seminar**



12:30-13:30 **R02018 - design and practical considerations for bifurcation stenting**

座長  
西田 育功  
小川 崇之

演者  
岩崎 清隆  
菅野 大太郎 (札幌心臓血管クリニック)  
名越 良治

共催：日本メドトロニック株式会社

**Room 6**

**Scientific Program**



8:30-10:20 **Physiology**

座長  
赤阪 隆史  
Seung-Jea Tahk

コメンテーター  
角谷 誠  
佐藤 匡也  
民田 浩一  
藤田 博

演者  
Resting index and hyperemic index  
川瀬 世史明

iFR for tandem lesion  
菊田 雄悦

FFR for LM bifurcation PCI  
Chang Wook Nam

FFR-CT for procedural planning  
松尾 仁司

FFR for outcome prediction  
蔵満 昭一

FFR for economic effectiveness  
田中 信大

討論

**Scientific Program**



10:20-12:20 **Failure caseをCTで徹底検証  
～術前CTでどこまで予測可能か？～**

座長  
奥津 匡暁  
角辻 暁  
Alfredo R. Galassi

ディスカッサー  
栗田 政樹  
貞松 研二  
芹川 威  
藤本 善英  
山田 慎一郎  
Hee-Yeol Kim  
Georgios Sianos

<10:20-11:20> **Case1**

演者  
An unsuccessful LAD CTO-PCI case; reevaluation from CTCA analysis  
田辺 正喜

私ならここに注目する  
下地 顕一郎

私ならここに注目する  
唐原 悟

討論

治療内容とどこでうまくいかなかったかを紹介  
田辺 正喜

最終討論

<11:20-12:20> **Case2**

演者  
Running is a shame, but useful?  
増田 尚己

私ならここに注目する  
Jin-Ho Choi (Samsung Medical Center, Korea)

私ならここに注目する  
上原 良樹

討論

治療内容とどこでうまくいかなかったかを紹介  
増田 尚己

最終討論

**Luncheon Seminar**



12:30-13:30 **Evidence based iFR and daily practice**

座長  
横井 宏佳

演者  
簡単でも予後が良くなるのか? iFR  
菊田 雄悦

『え、豊橋ハートセンターでFFR/iFR?』  
寺島 充康

共催：株式会社フィリップス・ジャパン

**Scientific Program**



13:30-15:20 **DCA**  
座長  
五十嵐 康己  
Alan C. Yeung

<13:30-14:15> **Session 1: Evidence Session**

演者  
Review of novel DCA  
羽原 真人  
Report from DCA+DCB Registry  
木谷 俊介 (時計台記念病院)  
DCAで得られた病理からの検討  
中澤 学

<14:15-15:20> **Session 2: Technical Session  
DCA治療の適応について再検討する**

演者  
DCAの有用性  
清野 義胤  
DCAなしでの治療の成績  
道明 武範  
分岐部病変の治療 DCAは必要か  
村里 嘉信  
討論

**Coffee Break Session**



15:30-16:00 **Evidence based optimal IVUS criteria**

座長  
柴田 剛徳  
演者  
興野 寛幸 (帝京大学医学部附属病院)  
共催: ボストン・サイエンティフィック ジャパン株式会社

**Scientific Program**



16:00-18:00 **CTO**  
座長  
角辻 暁  
山根 正久  
Gerald S. Werner

<16:00-17:00> **Registry of CTO-PCI**

演者  
Temporal trends of CTO PCI in Europe - Insights from the ERCTO registry -  
Georgios Sianos  
Lessons from K-CTO registry  
Seung-Woon Rha  
Outcome of CTO-PCI from the Japanese CTO-PCI expert registry  
鈴木 頼快

<17:00-17:40> **Randomized controlled trial of CTO-PCI**

演者  
The EURO CTO trial- lessons learned  
Gerald S. Werner  
Decision - CTO  
Seung-Whan Lee

<17:40-18:00> **APCTO Club algorithm**

演者  
A new algorithm for crossing chronic total occlusions from the Asia Pacific Chronic Total Occlusion Club  
Scott Andrew Harding

**Room 8**

**Fellow Course**



8:30-12:20 **Fellow Course "石灰化病変を克服する"**

<8:30-9:50> **1. 石灰化病変 治療にあたり必要な知識**

座長  
鹿島 由史  
細木 信吾

演者  
病理学から見た石灰化病変とは  
大塚 文之

心臓CTを使いこなす  
管家 鉄平

IVUSを使いこなす  
嘉納 寛人

OCTを使いこなす  
大竹 寛雅

<9:50-10:30> **2. 石灰化治療：スコアリングバルーンで治療する**

座長  
鹿島 由史  
細木 信吾

演者  
1) Cutting balloon・NSE balloonで治療する  
藤田 浩志

2) ScoreFlex・Angiosculpt balloon で治療する  
福原 怜

<10:30-11:30> **3. 石灰化治療：Rota・DB・レーザーを使用して治療する**

座長  
岡田 正治  
栗山 根廣

演者  
Rotaカクテルー高速・低速の使い分けなど  
鹿島 由史

Diamond back メカニズム・使用法・適応病変など  
小林 智子

石灰化病変に対するエキシマレーザーの可能性  
細木 信吾

<11:30-12:15> **4. 石灰化病変治療のピットフォール (症例提示)**

座長  
岡田 正治  
栗山 根廣

演者  
栗田 泰郎  
船田 竜一  
寺村 真範

**Luncheon Seminar**



12:30-13:30 **Beyond the image!  
New generation angiography system  
"Alphenix"**

座長  
加藤 修

演者  
InfinixからAlphenixへ…「何が変わった？」  
辻 貴史

次の一手が見えてくる！  
今一番新しいAngio装置"Alphenix Biplane"  
那須 賢哉

共催: キヤノンメディカルシステムズ株式会社

**Fellow Course**



13:30-15:30 **Fellow Course "Physiology (FFR)"**

座長  
川瀬 世史明  
栗田 泰郎

演者  
2018年の保険診療改定に関して  
川瀬 世史明

冠循環の基礎とFFRの概念：主要なエビデンスを含めて  
栗田 泰郎

各種最大冠拡張誘発方法や測定上の注意点、値の解釈  
藤田 浩志

他Modalityとの比較：QFR、FFR-CTなどとの比較  
谷垣 徹

FFR Defer後の患者の予後：ボーダーラインの患者はどうすべきか  
坂田 憲治

Resting indexes：新しい安静時虚血指標  
菊田 雄悦

**Room 12**

**Morning Session**



8:00-9:00 **SCC@CCT 2**

座長  
許 永勝  
Jiyan Chen

ディスカッサー  
石原 昭三  
福原 怜  
Zhujun Chen  
Yue Li

ケースプレゼンター  
Chunjian Li

**PCI Live Case Transmission**



9:10-10:30 **Chinese Perspectives on Live Case Transmission 3**

座長  
許 永勝  
Yue Li  
Chiung-Jen Wu

IVUS コメンテーター  
本江 純子

コメンテーター  
芦田 和博  
石原 昭三  
Jie Qian  
Weixian Yang  
Qing Zhang

(Renji Hospital of Medical School of Shanghai Jiaotong University, People's Republic of China)  
Li Zhou

プレゼンター  
ASAHI guide catheter - Safety and backup, all in one -  
永松 航

10:40-12:00 **Chinese Perspectives on Live Case Transmission 4**

座長  
許 永勝  
Hongbing Yan

IVUS コメンテーター  
岡村 誉之

コメンテーター  
白井 公人  
田中 裕之  
山田 寿太郎  
Yi Feng  
Pengcheng He  
Jianying Ma  
Mian Wang

(West China Hospital of Sichuan University, People's Republic of China)

プレゼンター  
Ultimate trial  
JunJie Zhang

共催：朝日インテック株式会社  
株式会社カネカメディックス  
キヤノンメディカルシステムズ株式会社  
テルモ株式会社  
ニプロ株式会社

**Luncheon Seminar**



12:30-13:30 **Complex Lesion ～論理的に考えるデバイス選択～**

座長  
朝倉 靖  
濱崎 裕司

演者  
New manufacturing method by MIZUKI  
新関 武史

Tips of DLC for complex coronary intervention  
越田 亮司

Therapeutic strategies for coronary thrombotic lesions  
尾崎 和幸

共催：株式会社カネカメディックス

**Joint Session**



13:30-15:30 **J-WING@CCT: 施設基準関係なし！みんな  
で考え、体験してみよう Rotablator &  
orbital atherectomy**

座長  
足利 貴志  
牧口 展子

スーパーバイザー  
本江 純子

<13:30-14:00> **第1部 削りもののない施設から**

コメンテーター  
金子 伸吾  
内藤 貴之  
亀谷 良介

演者  
削りもののない施設から  
芦田 和博

<14:00-15:00> **第2部 削りもののある施設から**

コメンテーター  
金子 伸吾  
内藤 貴之  
亀谷 良介

演者  
OCT  
前島 信彦

ROTA  
足利 貴志

OAT  
山田 慎一郎

<15:00-15:30> **第3部 ハンズオン**

コーディネーター  
山平 浩世

**Promotion Bureau**

**Promotion Session**



11:00-12:00 **狭心症 診断から治療まで**

座長  
國分 宣明 (札幌医科大学)  
大和田 尊之 (福島赤十字病院)

演者  
新たな虚血機能評価デバイス～RFRの登場～  
工藤 俊 (いわき市立総合磐城共立病院)  
XIENCE Sierraの使用経験から  
國井 浩行

共催：アボット バスキュラー ジャパン株式会社

**Promotion Session**



13:30-14:30 **Xience is the answer**

座長  
前川 裕一郎 (浜松医科大学)  
藤本 善英

演者  
OCTからみたXience  
石橋 祐記 (聖マリアンナ医科大学病院)  
XIENCE Xpedition 48mmで冠動脈を治療する  
川口 由高 (聖隷三方原病院)

共催：アボット バスキュラー ジャパン株式会社

**Promotion Session**



14:30-15:30 **New challenge of XIENCE to PCI optimization**

座長  
山本 哲史  
西平 賢作 (宮崎市医師会病院)

演者  
当院におけるSTEMI-PCI strategy; stent選択  
小岩屋 宏 (宮崎市医師会病院)  
Long lesionに対するXIENCE Xpedition 48mm  
の有用性  
遠藤 豊宏 (津山中央病院)

共催：アボット バスキュラー ジャパン株式会社



Saturday, October 27

Coronary Theater

PCI Live Case Transmission



Toyohashi Heart Center

Operators

Maoto Habara, Shingo Hosogi, Yoshihisa Kinoshita, Kenya Nasu, Etsuo Tsuchikane, Junji Yajima

IVUS Commentators

Katsuyuki Hasegawa, Masashi Kimura, Hiromasa Otake, Mitsuyasu Terashima

8:30-10:00 PCI Live Case Transmission 9

Chairs

Kinzo Ueda, Yoichi Nozaki, James R. Margolis, Wasan Udayachalerm

Commentators

Hiroaki Hirase, Hee-Yeol Kim, Po-Ming Ku, Yoshitane Seino, Masaki Tanabe, Junichi Yamaguchi, Masaru Yamaki

10:00-11:50 PCI Live Case Transmission 10

Chairs

Yasumi Igarashi, Ryohei Yoshikawa, Gerald S. Werner, Chiung-Jen Wu

Commentators

Jiro Ando, Jianfang Luo, Masayuki Motohiro, Yoshiki Nagata, Kenichiro Shimoji, Yoshiki Uehara, Katsumi Ueno

Luncheon Seminar



12:00-13:00 PCI optimization, latest topics and trend

See p. 71

Co-sponsored by  
Abbott Vascular Japan Co., Ltd.

PCI Live Case Transmission



Toyohashi Heart Center

Operators

Maoto Habara, Shingo Hosogi, Yoshihisa Kinoshita, Kenya Nasu, Etsuo Tsuchikane, Junji Yajima

IVUS Commentators

Katsuyuki Hasegawa, Masashi Kimura, Hiromasa Otake, Mitsuyasu Terashima

13:00-14:30 PCI Live Case Transmission 11

Chairs

Yasushi Asakura, Kazuhiro Ashida, Hweung-Kon Hwang, Moo Hyun Kim

Commentators

Noriyuki Kinoshita, Shunsuke Masuno, Yasuhiro Nakano, Kirti Punamiya, Tohru Takahashi, Jun Tanigawa, Shiro Uemura

13:00 Proctorship Live

Proctor

Etsuo Tsuchikane

Operator

Maoto Habara

14:30-16:00 PCI Live Case Transmission 12

Chairs

Yuji Hamazaki, Tomohiro Kawasaki, Scott Andrew Harding

Commentators

Hiromasa Katoh, Shigeo Kawano, Ken Kozuma, Seung-Whan Lee, Soji Nishio, Nobuo Shiode, Eugene Brian Wu

Themed Theater

Themed Live Case Transmission



Toyohashi Heart Center

Operators

Maoto Habara, Shingo Hosogi, Yoshihisa Kinoshita, Kenya Nasu, Etsuo Tsuchikane, Junji Yajima

IVUS Commentators

Katsuyuki Hasegawa, Masashi Kimura, Hiromasa Otake, Mitsuyasu Terashima

8:30-10:00 Themed Live Case Transmission 7

Chairs

Yuji Hamazaki, Keiichi Igarashi Hanaoka, Myeong-Ki Hong, Alan C. Yeung

Commentators

Youngkeun Ahn, Atsushi Hirohata, Shinpei Ike, Yuetsu Kikuta, Yue Li, Katsuo Noda, Yuji Sakanoue, Koichi Tamita

10:00-11:50 Themed Live Case Transmission 8

Chairs

Junya Shite, Shigeru Nakamura, Alfredo R. Galassi

Commentators

Takenori Domei, Byeong Keuk Kim, Tsuyoshi Oda, Kenji Sadamatsu, Hiroki Sakamoto, Tomohiro Sakamoto, Yoshihisa Shibata, Bin Zhang

Luncheon Seminar



12:00-13:00 Toward improvement of clinical outcomes in coronary intervention ~ Optimal PCI and optimal medical therapy ~

See p. 71

Co-sponsored by  
Amgen Astellas Biopharma K.K./Asteras Pharma Inc.

Themed Live Case Transmission



Toyohashi Heart Center

Operators

Maoto Habara, Shingo Hosogi, Yoshihisa Kinoshita, Kenya Nasu, Etsuo Tsuchikane, Junji Yajima

IVUS Commentators

Katsuyuki Hasegawa, Masashi Kimura, Hiromasa Otake, Mitsuyasu Terashima

13:00-14:30 Themed Live Case Transmission 9

Chairs

Eisho Kyo, Toshiya Muramatsu, Takayuki Ogawa, Tian Hai Koh

Commentators

Aung Aung, Hiroto Kano, Prathap Kumar N., Sang Wook Kim, Takashi Morita, Mamoru Nanasato, Yasuhiro Tarutani, JunJie Zhang

14:30-16:00 Themed Live Case Transmission 10

Chairs

Yasumi Igarashi, Satoru Otsuji, Takafumi Tsuji, Kee-Sik Kim

Commentators

Takashi Ashikaga, Hiroki Kamiya, Yuichi Kobori, Kambis Mashayekhi, Hiroyuki Nagai, Shinichiro Yamada

Room 3

International Joint Session



8:30-10:00 Taiwan CTO Club @ CCT

Opening remarks  
Eisho Kyo

<8:30-9:10> Coronary bypass surgery graft patency and competition flow

Chair

Ching-Chang Fang, I-Chang Hsieh, Eisho Kyo, Hideo Nishikawa, Chiung-Jen Wu

Commentators

Cheng-I Cheng, Ta-Chuan Hung, Wataru Nagamatsu, Akira Nakano, Chieh Shou Su, Cheng-Ting Tsai, Chen-Rong Tsao

Lecturers

Competition flow in arterial and venous coronary bypass surgery  
Soji Nishio

Q&A

Case 1  
Jun-Ting Liou

Case 2  
Akira Nakano

Discussion

<9:10-10:00> PCI after coronary bypass graft failure

Chair

Chi-Jen Chang, Chien-Ming Huang, Eisho Kyo, Tse-Min Lu, Hideo Nishikawa

Commentators

Ming-Jer Hsieh, Chi-Hung Huang, Yasumi Igarashi, Jiuun-Cherng Lin, Akira Nakano, Ji-Hung Wang, Yi-Chih Wang

Lecturers

Intervention of coronary bypass graft failure  
Feng-Yu Kuo

Q&A

Case 1: Venous graft failure  
Wataru Nagamatsu

Case 2: Arterial graft failure  
Shing-Hsien Chou

Discussion

Closing remarks  
Chiung-Jen Wu

**International Joint Session**



**10:00-11:50 APCTO Young Member Session: Specific issues with APCTO Club algorithm**

**Chairs**  
*Hsien-Li Kao, Eugene Brian Wu*

**Panelists**  
*Arun Kalyanasundaram, Hiromasa Katoh, Po-Ming Ku, Feng-Yu Kuo, Kambis Mashayekhi, Shunsuke Matsuno*

**Opening remarks**  
*Hsien-Li Kao*

**Case 1**  
ADR technique and device - the APCTO way  
*Rustem Dautov*

**Case 1 commentator**  
*Scott Andrew Harding*

**Case 2**  
An obstacle to overcome - timing of ADR  
*Karl Chi Yuen Chan*

**Case 2 commentator**  
*Eugene Brian Wu*

**Case 3**  
Recanalization of an RCA CTO with IVUS guidance  
*Jianying Ma*

**Case 3 commentator**  
*Lei Ge*

**Case 4**  
Parallel wiring is still here to stay  
*Jong-Young Lee*

**Case 4 commentator**  
*Seung-Whan Lee*

**Case 5**  
A case of primary retrograde CTO-PCI  
*Yong He*

**Case 5 commentator**  
*TBA*

**Case 6**  
IVUS use in reverse CART  
*Muenpetch Muenkaew*

**Case 6 commentator**  
*Soo Teik Lim*

**Discussion**

**Closing comments**  
*Eugene Brian Wu*

**Luncheon Seminar**



**12:00-13:00 Ikari Curve with Launcher and Taiga - consideration of "the right thing in the right place"**

See p. 73

Co-sponsored by  
*Medtronic Japan Co., Ltd.*

**International Joint Session**



**13:00-14:30 Encore Seoul @ CCT**

**Chairs**  
*Yang-Soo Jang, Satoru Otsuji*

**Panelists**  
*Taecheon Ahn, In Ho Chae, Amane Kozuki*

**Lecturers**  
Strut coverage on OCT and clinical outcomes  
*Byeong Keuk Kim*

Japanese presentation on OCT experience  
*Amane Kozuki*

Interventional treatment of obstructive hypertrophic cardiomyopathy  
*In Ho Chae*

Valve durability after TAVR  
*Hyo-Soo Kim*

Japanese presentation on TAVR experience  
*Kazuki Mizutani*

**Discussion**

**Room 4**

**Scientific Session**

**7:30-9:30 Korean Session**

**<7:30-8:30> Complex PCI I**

**Chairs**  
*Kee-Sik Kim, Satoru Otsuji*

**Panelists**  
*Junho Bae, Yun Seok Choi, Sunho Hwang, Dong Kie Kim, Bae Keun Kim, Jin Bae Lee, Jang Hoon Lee, Jon Suh, Takahide Suzuki, Satoru Tohara*

Overcome complex lesions with XIENCE Sierra  
*Takeshi Serikawa*

Complex case presentation  
*Hae Won Jung*

Complex case presentation  
*Pil Hyung Lee*

Complex case presentation  
*Yeo Jeong Song*

XIENCE Sierra case presentation in complex lesions  
*Yoshinari Tsubakimoto*

**Discussion**

**<8:30-9:30> Complex PCI II**

**Chairs**  
*Satoru Otsuji, Hun Sik Park*

**Panelists**  
*Cheolung Choi, Woo Jung Chun, Rei Fukuhara, Byung Hee Hwang, Kenzo Kagawa (Mitoyo General Hospital, Japan), Su Hyun Kim, Hyun Sook Kim, Yong Whan Lee, Seong Il Woo*

Overcome complex lesions with OCT  
*Hyuck Jun Yoon*

Complex case presentation  
*Sung Yun Jung*

CTO case presentation  
*Soon Myung Jung*

Case presentation (CTO or complex lesion with OCT)  
*Satoru Mitomo (New Tokyo Hospital, Japan)*

Case presentation (CTO or complex lesion with OCT)  
*Yuya Nakagawa (Hakodate Medical Association Hospital, Japan)*

**Discussion**

**Room 5**

**Morning Session**



**7:30-8:20 Live case pre-discussion session**

**Chairs**  
*Yuji Oikawa, Takafumi Tsuji*

**Discussers**  
*Takenori Domei, Rei Fukuhara, Koshi Matsuo, Hisayuki Okada, Shinji Tayama*

**CCT Live Playback Session**



**8:30-10:00 Session 3: Higashi Takarazuka Satoh Hospital Session**

**Masters**  
*Osamu Katoh, Ryohei Yoshikawa*

**Moderator**  
*Kazuhiro Ashida*

**Commentators**  
*Kiyoshi Hibi, Kenji Kawajiri, Ken Kongoji, Shunsuke Matsuno, Kenichiro Shimoji, Hiroyuki Tanaka, Satoru Tohara*

**Coffee Break Session**



**10:00-10:30 The latest clinical update from ESC/TCT**

See p. 73

Co-sponsored by  
*Boston Scientific Japan K. K.*

**CCT Live Playback Session**



**10:30-11:50 Session 4: Sakurabashi Watanabe Hospital Session**

**Masters**  
*Osamu Katoh, Yoshihiro Takeda*

**Moderator**  
*Takafumi Tsuji*

**Commentators**  
*Rei Fukuhara, Yoshifumi Kashima, Toru Kataoka, Takashi Matsuo, Hiroyuki Nagai, Hiroshi Ohta, Masaharu Okada*

**Luncheon Seminar**



**12:00-13:00 Know the difference: Efficacy of Biolimus A9 and potency of polymer-free stent ~Not all the Limus are the same~**

See p. 74

Co-sponsored by  
*Cardinal Health Japan*

Room 6

Scientific Program



8:30-10:00 **Antegrade CTO**

**Chairs**  
Yang-Soo Jang, Masahisa Yamane,  
Yoshinori Yasaka

**Commentators**  
Fumitaka Hosaka, Toru Kataoka, Makoto Sekiguchi

**Lecturers**  
Antegrade approach in Japan: Data from Japanese  
Expert Registry  
Takeshi Serikawa

Guidewire selection for antegrade CTO-PCI  
Tomohiro Kawasaki

Parallel wire technique and IVUS guided wiring  
Takafumi Tsuji

Antegrade dissection by wires techniques and  
results  
Alfredo R. Galassi

10:00-11:50 **LMT PCI**

**Chairs**  
Yutaka Hikichi, Myeong-Ki Hong,  
Atsunori Okamura

**Lecturers**  
Contemporary revascularization strategy for LMT  
Myeong-Ki Hong

LMT stent selection from the viewpoint of engineering  
Kiyotaka Iwasaki

Proper use of the imaging device during LMT  
stenting  
Ryoji Nagoshi

2-stent strategy for LMT bifurcation  
Yutaka Hikichi

The role of debulking device for LMT PCI  
Yoshitane Seino

Joint Session

13:00-16:00 **CCTI @ CCT: International cardiac CT  
conference for complex intervention**

<13:00-13:40> **1st Session: Lecture and case presentation**

**Chairs**  
Jin-Ho Choi (Samsung Medical Center, Korea),  
Tomohiro Kawasaki

**Commentators**  
Masaki Awata, Takenori Domei,  
Ju-Hwan Lee  
(CHA University, CHA GUMI Medical Center, Korea),  
Yoshihiro Noji (Fukui Prefectural Hospital, Japan),  
Hiroyuki Uehara, Shinichiro Yamada

**Lecturers**  
Tipis from CCTI: Back to the sliding thin slab MIP  
Masaaki Okutsu

Interesting case from CT legend professor Sumitsuji  
Satoru Sumitsuji

<13:40-15:00> **2nd Session: CT guided CTO-PCI live  
demonstration video**

**Chairs**  
Keiichi Igarashi Hanaoka, Gerald S. Werner

**Commentators**  
Rei Fukuhara, Kenji Sadamatsu,  
Patrick T. Siegrist (University of Zurich, Switzerland),  
Teppei Sugaya,  
Yoshihiro Takeda (Osaka Medical College, Japan),  
Masaki Tanabe

**CT Commentator**  
Masaaki Okutsu

**Lecturer**  
Live video case presenter: Nightmare and sweet  
dream  
Naoki Masuda

<15:00-16:00> **3rd Session: Case discussion -It's my  
strategy-**

**Chair**  
Masahisa Yamane

**Commentators**  
Sang-Min Park (Chuncheon Sacred Heart Hospital,  
Hallym University Medical Center, Korea),  
Kenichiro Shimoji,  
Tomoyasu Shin (Higashi-Kani Hospital, Japan),  
Yoshiki Uehara,  
Keita Yamasaki (Osaka University, Japan)

**CT Commentator**  
Masaaki Okutsu

**Lecturers**  
A case of RCA CTO with calcified nodule  
Takaki Tsutsumi

My strategy  
Yoshihide Fujimoto

My strategy  
Takeshi Serikawa

Room 8

Fellow Course



8:30-10:00 **Fellow Course "Bifurcation lesion"**

See p. 74

Fellow Course



10:10-11:50 **Fellow Course "IVUS/OCT/OFDI"**

See p. 74

Luncheon Seminar



12:00-13:00 **Diagnosis, procedure and medical  
treatment for complex lesion and patients**

See p. 75

Co-sponsored by  
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Case Presentation Room

Case Competition

8:20-10:20 **AMI, ACS 3**

**Chairs**  
Jun-Jack Cheng, Naoto Inoue

**Judges**  
Zheng Bo, Akio Fukui, Yuki Horita, Ken Ishibashi,  
Hideki Ishii, Hirotaka Oda, Ranjit Kumar Sharma,  
Kensuke Takagi

**Speakers**  
A successful repair of left ventricular free wall  
rupture after acute antero-septal and lateral  
myocardial infarction  
Yusuke Mukai (Toyama Prefectural Central Hospital, Japan)

Coronary stent thrombosis in a patient with acute  
myocardial infarction: Type 3 Kounis syndrome variant  
Hiroyuki Natsui  
(Japanese Red Cross Kitami Hospital, Japan)

Early in stent restenosis with multiple small lumens  
in young male patient with ST elevation myocardial  
infarction  
Jung Ho Heo (Kosin University Gospel Hospital, Korea)

Multi-vessel intractable coronary spasm  
development in a patient with aborted sudden  
cardiac death: a case study with intravascular  
ultrasound findings  
Sungsoo Cho (Dankook University, Korea)

Serial Intravascular Imagings After Excimer Laser-  
Induced Coronary Perforation  
Yoshihisa Kanaji  
(Tsuichiura Kyodo General Hospital, Japan)

Successful treatment of post-infarction ventricular  
septal perforation using an Amplatzer duct occluder  
Masaki Ishiyama  
(Mie University Graduate School of Medicine, Japan)

Totally coronary revascularization in a nonagenarian  
with NSTEMI and decompensated systolic heart  
failure  
Chun-Chih Chiu  
(Shuang Ho Hospital, Taipei Medical University, Taiwan,  
R.O.C.)

Successful PCI from retrograde for acute myocardial  
infarction in the RCA ostial lesion  
Noriaki Takeda (Ootakanomori Hospital, Japan)

Occluded tortuous LAD with left main plaque in a  
case of acute MI in cardiogenic shock  
Paul V George (Christian medical college, Vellore, India)

Acute Myocardial Infarction (AMI) due to anomalous  
origin of the Right Coronary Artery (RCA) from the  
Left Main Trunk (LMT)  
Nobuhito Yagi (Okinawa Chubu Hospital, Japan)

Interventional cardiologist's nightmare: acute  
myocardial infarction accompanied by aortic dissection  
Peng Zhou  
(Fuwai Hospital, Cams & Nccd, People's Republic of China)

10:30-11:50 **Calcified lesion 2**

**Chairs**

*A.V. Ganesh Kumar, Shinichiro Yamada*

**Judges**

*Junya Ako, Zheng Ji, Yoshito Kadoya,  
Min Woong Kim, Katsutoshi Makino, Ko Ko Soe,  
Tadateru Takayama*

**Speakers**

Complete Revascularization with Rotablation and  
Left Main Bifurcation Stenting in an ACS Patient  
*Carl Dominic P. Tolentino (The Medical City, Philippines)*

The Efficacy of Adjunct Directional Coronary  
Atherectomy and Drug-Coated Balloon Treatment  
after Rotational Atherectomy for In-Stent Restenosis  
due to Calcified Nodule in a Hemodialysis Patient  
*Shunsuke Inoue (Yokohama Rosai Hospital, Japan)*

Retrieval of a Broken Catheter Shaft by Balloon-  
Extension Catheter Entrapping Technique  
*Daichi Fukumoto (Izumi Regional Medical Center, Japan)*

Bare wire rotablation for LAD CTO and heavy  
calcification lesion  
*Tzu-Hsiang Lin  
(Taichung Veterans General Hospital, Taiwan, R.O.C.)*

How to approach a RCA CTO lesion in uremic  
patients with bilateral common iliac artery severe  
stenosis?  
*Wei-Chun Huang  
(Kaohsiung Veterans General Hospital, Taiwan, R.O.C.)*

A good result of combination therapy of Rotational  
atherectomy and Orbital atherectomy  
*Daimon Kuwahara  
(Miyazaki Medical Association Hospital, Japan)*

A case of Rotablator driveshaft fracture and  
successful retrieval of an entrapped burr  
*Go Kawamura (Ehime prefecture central hospital, Japan)*

Usefulness of Optical Coherence Tomography for  
the decision of the treatment procedure for the  
severe calcified lesion  
*Tatsuya Shigematsu  
(Ehime Prefectural Central Hospital, Japan)*

13:00-14:30 **CTO 2**

**Chairs**

*Nobuo Komatsu, Wasan Udayachalerm*

**Judges**

*Woong Gil Choi, Shinya Fujita, Michiya Kageyama,  
Shuzheng Lyu, Takashi Matsuo, Hisayuki Okada,  
Junichi Yamaguchi*

**Speakers**

Left anterior descending artery stumpless chronic  
total occlusion  
*Chen-Wei Huang  
(National Cheng Kung University of Taiwan, Taiwan, R.O.C.)*

A case of successful revascularization for RCA CTO  
with antegrade IVUS guided approach after EVT  
for aortoiliac occlusive disease  
*Naoki Hayakawa (Asahi General Hospital, Japan)*

PCI for tortuous RCA CTO with distal Cap of #4  
bifurcation, PDA of which had diffuse stenosis,  
managed by Bidirectional Approach  
*Hiroshi Umetsu (Seirei Fuji Hospital, Japan)*

Successful Reattempt PCI of Heavily Calcified RCA  
CTO  
*Ko Ko Soe (Rakuwakai Marutamachi Hospital, Japan)*

Successful antegrade approach of chronic total  
occlusion who had significant lesion in collateral  
feeding vessel  
*Jaehoon Chung (National Medical Center, Korea)*

An emergent surgical extirpation of entrapped  
balloon and guidewire during percutaneous  
coronary intervention of chronic total occlusion  
*Kohei Yoneda (Tokushima Red Cross Hospital, Japan)*

Successful retrograde CTO-PCI using RV-epicardial  
collateral channel  
*Yuya Nakagawa  
(Hakodate Medical Association Hospital, Japan)*

Failed PCI to very long and severely calcified CTO  
lesion of RCA in spite of successful guide wire  
externalization using reverse CART technique  
*Yo Fujimoto (Toranomon Hospital, Japan)*

14:30-16:00 **CTO 3**

**Chairs**

*Yoshihiro Morino, Jie Qian*

**Judges**

*Hiroaki Hirase, Min Kyu Kim, Soo Han Kim,  
Astin Lee, Masayuki Motohiro, Kenji Wagatsuma,  
Chi Wing Wong, Li Zhou*

**Speakers**

Overcome of severely calcified chronic total  
occlusion lesion with rotational atherectomy for  
successful intervention  
*Moonki Jung (Chung-Ang University Hospital, Korea)*

A tough case of double CTO treated with retrograde  
approach and IVUS guided wiring  
*Yuki Suzuka (Mimihara General Hospital, Japan)*

A case report of chronic total coronary occlusion  
performed by percutaneous coronary intervention  
the eccentric calcificated reference with the  
combined information of both coronary computed  
tomography and intracoronary ultrasound  
sonography  
*Takahiro Arimura (Fukuoka city hospital, Japan)*

Sinus valsalva dissection due to the procedure of  
RCA chronic total occlusion  
*Hseng-Long Yeh  
(Sijhih Cathay General Hospital, Taiwan, R.O.C.)*

Successful PCI for heavy-calcified RCA CTO  
overcoming multiple complications  
*Yuta Imai (Saiseikai Shiga Prefecture Hospital, Japan)*

Ventricular fibrillation and cardiac arrest during  
dislodged Stent retrieval after successful  
revascularization for CTO of RCA  
*Tung-Lin Tsui  
(Camillians Saint Mary's Hospital Luodong, Taiwan, R.O.C.)*

Double Balloon Kissing Technology in Retrograde  
Approach: a bifurcation cases where rewire was  
fail  
*Zehan Huang  
(Guangdong Cardiovascular Institute, Guangdong  
General Hospital, People's Republic of China)*

A Case of Left Main Trunk Distal Lesion with LAD  
Chronic Total Occlusion Complicated by Severe  
Left Ventricular Dysfunction: PCI Using Current  
Techniques for Bifurcation Lesions  
*Shota Naniwa (Kita-Harima Medical Center, Japan)*

Antegrade CTO Intervention  
*Pakshirajan Balaji (The Madras Medical Mission, India)*

Promotion Bureau

**Promotion Session**

Japanese  
only

10:30-11:30

See p. 76

Co-sponsored by  
Abbott Vascular Japan Co., Ltd.

Saturday, October 27

Coronary Theater

Luncheon Seminar

Japanese only

12:00-13:00 **PCI optimization, latest topics and trend**

座長  
赤坂 隆史  
中川 義久

演者  
DES長期成績のエビデンス総括  
山地 杏平 (小倉記念病院)

Physiology guided PCIの役割  
～Latest evidence and resting indices～  
松尾 仁司

共催: アボット バスキュラー ジャパン株式会社

Themed Theater

Luncheon Seminar

Japanese only

12:00-13:00 **インターベンション治療における治療成績向上にむけて～至適PCIと至適薬物治療～**

座長  
大辻 悟  
五十嵐 康己

演者  
長期予後を考慮したComplex PCIに対する治療戦略  
川崎 友裕

長期成績向上のための至適薬物治療～PCSK9阻害薬30例使って分かったこと～  
矢野 秀樹 (獨協医科大学)

共催: アステラス・アムジェン・バイオファーマ株式会社  
アステラス製薬株式会社

Room 3

International Joint Session

E J

8:30-10:00 **Taiwan CTO Club @ CCT**

Opening  
許 永勝

<8:30-9:10> **Coronary bypass surgery graft patency and competition flow**

座長  
許 永勝  
西川 英郎  
Ching-Chang Fang  
I-Chang Hsieh  
Chiung-Jen Wu

コメンテーター  
中野 顯  
永松 航  
Cheng-I Cheng  
Ta-Chuan Hung  
Chieh Shou Su  
Cheng-Ting Tsai  
Chen-Rong Tsao

演者  
Competition flow in arterial and venous coronary bypass surgery  
西尾 壮示

Q&A

Case 1  
Jun-Ting Liou

Case 2  
中野 顯

討論

<9:10-10:00> **PCI after coronary bypass graft failure**

座長  
許 永勝  
西川 英郎  
Chi-Jen Chang  
Chien-Ming Huang  
Tse-Min Lu

コメンテーター  
五十嵐 康己  
中野 顯  
Ming-Jer Hsieh  
Chi-Hung Huang  
Jiuun-Cherng Lin  
Ji-Hung Wang  
Yi-Chih Wang

演者  
Intervention of coronary bypass graft failure  
Feng-Yu Kuo

Q&A

Case 1: Venous graft failure  
永松 航

Case 2: Arterial graft failure  
Shing-Hsien Chou

討論

Closing  
Chiung-Jen Wu

International Joint Session

E J

10:00-11:50 **APCTO Young Member Session: Specific issues with APCTO Club algorithm**

座長  
Hsien-Li Kao  
Eugene Brian Wu

パネリスト  
加藤 大雅  
松野 俊介  
Arun Kalyanasundaram  
Po-Ming Ku  
Kambis Mashayekhi

Opening remarks  
Hsien-Li Kao

Case 1  
ADR technique and device - the APCTO way  
Rustem Dautov

Case 1 コメンテーター  
Scott Andrew Harding

Case 2  
An obstacle to overcome - timing of ADR  
Karl Chi Yuen Chan

Case 2 コメンテーター  
Eugene Brian Wu

Case 3  
Recanalization of an RCA CTO with IVUS guidance  
Jianying Ma

Case 3 コメンテーター  
Lei Ge

Case 4  
Parallel wiring is still here to stay  
Jong-Young Lee

Case 4 コメンテーター  
Seung-Whan Lee

Case 5  
A case of primary retrograde CTO-PCI  
Yong He

Case 5 コメンテーター  
TBA

Case 6  
IVUS use in reverse CART  
Muenpetch Muenkaew

Case 6 コメンテーター  
Soo Teik Lim

討論

Closing comments  
Eugene Brian Wu

**Luncheon Seminar**

Japanese only

12:00-13:00 **Ikari Curve with Launcher and Taiga - consideration of "the right thing in the right place"**

座長  
南都 伸介  
伊刈 裕二

演者  
挽地 裕  
林 英次郎 (総合新川橋病院)  
高橋 玲比古

共催: 日本メドトロニック株式会社

**International Joint Session**

E J

13:00-14:30 **Encore Seoul @ CCT**

座長  
大辻 悟  
Yang-Soo Jang

パネリスト  
上月 周  
Taehoon Ahn  
In Ho Chae

演者  
Strut coverage on OCT and clinical outcomes  
Byeong Keuk Kim

Japanese presentation on OCT experience  
上月 周

Interventional treatment of obstructive hypertrophic cardiomyopathy  
In Ho Chae

Valve durability after TAVR  
Hyo-Soo Kim

Japanese presentation on TAVR experience  
水谷 一輝

討論

**Room 5**

**Morning Session**

E J

7:30-8:20 **ライブ症例術前検討会**

座長  
及川 裕二  
辻 貴史

ディスカッサー  
岡田 尚之  
田山 信至  
道明 武範  
福原 怜  
松尾 浩志

**CCT Live Playback Session**

E J

8:30-10:00 **Session 3: 東宝塚さとう病院 セッション**

マスター  
加藤 修  
吉川 耀平

モデレーター  
芦田 和博

コメンテーター  
川尻 健司  
金剛寺 謙  
下地 顕一郎  
田中 裕之  
唐原 悟  
日比 潔  
松野 俊介

**Coffee Break Session**

Japanese only

10:00-10:30 **知っとく! 世界の最新情報 - The latest clinical update from ESC/TCT -**

座長  
塩出 宣雄

演者  
上妻 謙

共催: ポストン・サイエンティフィック ジャパン株式会社

**CCT Live Playback Session**

E J

10:30-11:50 **Session 4: 桜橋渡辺病院 セッション**

マスター  
加藤 修  
武田 吉弘

モデレーター  
辻 貴史

コメンテーター  
太田 洋  
岡田 正治  
片岡 亨  
鹿島 由史  
永井 宏幸  
福原 怜  
松尾 崇史

**Luncheon Seminar**

Japanese only

12:00-13:00 **Know the difference Biolimus A9の効果とpolymer-free stentの可能性 Not all the Limus are the same**

座長  
柴田 剛徳  
中村 茂

コメンテーター  
飯島 雷輔 (東邦大学医療センター大橋病院)  
増田 尚己  
石原 昭三

演者  
出血性合併症のマネジメントとその分析  
~13,000例のBigデータより~  
沼澤 洋平

第4世代ステントの病理の真実  
坂田 憲治

Kamakura experience for ACS patients  
穴戸 晃基 (湘南鎌倉総合病院)

共催: カーディナルヘルスジャパン

**Room 6**

**Scientific Program**

E J

8:30-10:00 **Antegrade CTO**

座長  
矢坂 義則  
山根 正久  
Yang-Soo Jang

コメンテーター  
片岡 亨  
関口 誠  
保坂 文駿

演者  
Antegrade approach in Japan: Data from Japanese Expert Registry  
芹川 威

Guidewire selection for antegrade CTO-PCI  
川崎 友裕

Parallel wire technique and IVUS guided wiring  
辻 貴史

Antegrade dissection by wires techniques and results  
Alfredo R. Galassi

**Scientific Program**

E J

10:00-11:50 **LMT PCI**

座長  
岡村 篤徳  
挽地 裕  
Myeong-Ki Hong

演者  
現在のLMT PCIの治療戦略  
Myeong-Ki Hong

ステント構造からのステントの選択  
岩崎 清隆

ステント留置時のイメージングの適切な活用法  
名越 良治

2-ステントストラテジーの施行法  
挽地 裕

LMT病変のデバルキング治療  
清野 義胤

Room 8

**Fellow Course**

Japanese only

8:30-10:00 **Fellow Course "分岐部"**

<8:30-9:30> **1部 分岐部に対するPCIテクニック**

座長  
阿部 秀年  
小川 崇之

演者  
Single or two stentingに対する考え方・手技方法  
角谷 誠

Plaque modification 1 ロータブレーター  
櫻井 将之

Plaque modification 2 DCA  
嘉納 寛人

Plaque modification 3 Scoring balloon  
西尾 壮示

Jailed balloon technique  
鈴木 孝英

分岐部病変特有のComplicationとその対策、  
bail-out法  
道明 武範

<9:30-10:00> **2部 イメージングデバイスを分岐部に活かす**

座長  
伊藤 良明  
岡村 誉之

演者  
CTAの読影およびCTAから考える分岐部治療戦略  
の立て方  
管家 鉄平

術中イメージングIVUS  
山脇 理弘

術中イメージングOCT/OFDI  
名越 良治

**Fellow Course**

Japanese only

10:10-11:50 **Fellow Course "IVUS/OCT/OFDI"**

座長  
小川 崇之  
高木 厚

演者  
ここに気を付けよう：IVUS/OCT/OFDIによる組織  
性状評価のPitfallと治療戦略  
藤井 健一

ここに気を付けよう：石灰化病変に対するIVUS/  
OCT/OFDIの使い分けとPitfall  
小林 智子

ここに気を付けよう：LMTを含む分岐部病変に  
対するIVUS/OCT/OFDIの使い分けとPitfall  
添田 信之

ここに気を付けよう：イメージングカテーテルの  
スタックと対処法  
高木 厚

**Luncheon Seminar**

Japanese only

12:00-13:00 **Complex病変に対する診断、手技と薬  
物療法**

座長  
森野 禎浩

演者  
患者背景を考えた複雑病変治療戦略  
高木 健督

PCIに対する抗血小板療法 ～Evidence と  
Experience～  
門田 一繁

共催：第一三共株式会社

Promotion Bureau

**Promotion Session**

Japanese only

10:30-11:30 **STENT至適留置への追究**

座長  
長江 啓二 (高の原中央病院)  
寺本 智彦

演者  
Experience and expectation of XIENCE Sierra  
武田 輝規 (湖東記念病院)

Stent adaptation and optimization using OCT  
guidance  
松浦 啓 (明石医療センター)

共催：アボット バスキュラー ジャパン株式会社

## CT Skill-up Seminar

\*English Available

**Date:** Thursday, October 25 - Saturday, October 27  
**Venue:** Kobe International Exhibition Hall 1, Exhibition  
**For:** Medical, Co-medical

**Course Director:** Satoru Sumitsuji  
**Course Co-Directors:** Hidekazu Aoyama (Nagoya Tokushukai General Hospital)  
Ryosuke Kametani (Nagoya Tokushukai General Hospital)  
Tadashi Kuroda (Kinki Central Hospital)  
Masaaki Okutsu  
Yoshihiro Takeda (Osaka Medical College)  
Keita Yamasaki (Osaka University)

**Supported by:**  
FUJIFILM Medical Co., Ltd.  
GE Healthcare Japan Corporation  
SHIMADZU CORPORATION  
Ziosoft, Inc.

### Course Introduction:

Over the past decade, cardiac CT has advanced to an effective tool for the assessment of coronary artery disease. In addition to just detecting stenotic lesions, cardiac CT is able to evaluate (1) coronary plaques characteristics, (2) severity and extent of calcified coronary artery segments and (3) to visualize chronically occluded coronary arteries. Therefore, cardiac CT still holds enormous potential to support PCI. The detailed information of cardiac CT not only helps to further improve PCI success rates but also to stratify procedural risk and consequently reduce complication rates. However, for this purpose the analysis of cardiac CT by the PCI operator him/herself is essential. This hands-on course aims to introduce the PCI operator-friendly "Sliding Slab MIP" method and to demonstrate how to take full advantage of cardiac CT imaging in your daily PCI cases. Please join us to learn and experience the usefulness of cardiac CT. Since there is a limited capacity of 12 attendees per session, it is highly recommended that you register as early as possible.

### Side Menu:

Hands-on training on all workstations (VINCENT (FUJIFILM), Advantage Workstation (GE Healthcare), Ziostation2 (Ziosoft, SHIMADZU)) is available during break time. "Sliding Slab MIP" and other applications are demonstrated individually. We also kindly invite you to bring your own case data in DICOM format\* for analysis. One of our instructors is ready to support you anytime.  
(\* Thin (0.5 mm) slice axial data set. Please contact your workstation vendor personnel for further details.)

**All lectures will be held in Japanese. An English speaking assistant is ready to translate and help you in every session. To sign up, please use the Japanese website.**

On-site registration is possible in case a vacant workstation is available. The venue is always open for non-hands-on audits.

### PCI Live Case Discussion Course

A special seminar focusing on the CCT2018 PCI Live cases. Cardiac CT datasets of the Live cases will be analyzed prior to the PCI session. Based on the information of cardiac CT, potential procedural difficulties will be identified and tailored PCI strategies discussed.

### Fundamental Course

The basic operation, diagnostic methods, tips and tricks for "Sliding Slab MIP" imaging will be explained.

### Advanced Course

A seminar for attendees who have already learned the basic operation of "Sliding Slab MIP" imaging. Your own analysis of practical cases (incl. CCT2018 PCI Live cases) will be discussed, referring to the corresponding angiogram and IVUS information. Since the content of the 2 sessions (G, F) is different, attending both sessions is also accepted.

### CTO Course

Demonstrates how CT provides crucial information for CTO cases. The key points of CT analysis and interpretation will be explained and the impact on PCI planning and strategy selection will be discussed. Experienced CTO-PCI operators are welcome. Since the content of the 2 sessions (H, I) is different, attending both sessions consecutively is also accepted.

Dates	Session	Time	Language	Course	Capacity
Thursday, October 25	A	11:00-12:10	Japanese (English)	PCI Live Case Discussion	12 each
	B	14:30-15:40		Fundamental	
	C	16:30-17:40		Advanced (+Live Case)	
Friday, October 26	D	9:30-10:40		Fundamental	
	E	11:00-12:10		Fundamental	
	F	14:30-15:40		Advanced (+Live Case)	
Saturday, October 27	G	16:30-17:40		Fundamental	
	H	9:00-10:10		CTO	
	I	10:30-11:40		CTO	

Pre-registration is required for these sessions. On-site registration may still be possible depending on the seat availability.

## CT Skill-up Seminar

**日程:** 10月25日(木)~10月27日(土)  
**会場:** 神戸国際展示場1号館1階 Exhibition  
**対象:** メディカル/コメディカル

**協力:** ゼイオンソフト株式会社  
GEヘルスケア・ジャパン株式会社  
株式会社島津製作所  
富士フイルムメディカル株式会社

**Course Director:** 角辻 暁  
**Course Co-Directors:** 青山 英和 (名古屋徳洲会総合病院)、奥津 匡暁  
亀谷 良介 (名古屋徳洲会総合病院)、黒田 忠 (近畿中央病院)  
武田 義弘 (大阪医科大学)、山崎 慶太 (大阪大学)

心臓CTは冠動脈診断における日常的検査として広く認められるようになりました。病変の検出はもちろんのこと、PCIのストラテジーを構築するために有用な多くの画像情報もCTから得ることができます。ただし、そのためにはわれわれ冠動脈インターベンションナリストが自ら画像解析をし、PCIに必要な情報を引き出さなくては真に有効利用することはできません。画像解析方法にも様々なものがありますが、われわれはPCIに最も反映しやすい方法としてSliding Slab MIP法を推奨しています。本コースではこのSliding Slab MIP法を用いた冠動脈診断をハンズオン形式で御紹介します。心臓CTの診断能力を身に付けることで格段に冠動脈画像解析の世界は広がります。そして今後、この能力は我々にとって大きな武器となるでしょう。是非、この機会に心臓CTをマスターしてください。今回も昨年同様、CTOコースを設けました。CTOのCT画像からはCAGで得られない多くの情報を得ることができ、PCIにおける不可欠な補助情報となります。CTO-PCIの経験豊富な先生方のご参加もお待ちしています。今年からCCTのライブケースのコースを設けました。実際にCCTで行われるライブケースのCT画像を事前に評価したいと思えます。各セッションを60分としています。ライブの合間にお気軽にご参加ください。また、講習の空き時間はワークステーション自由にご利用いただけます。

- ご自身の施設で撮影されたCTデータを御持参いただければ実際にその画像解析をすることができます。その際はわれわれが個別対応いたします。データは再構成をおこなった最適フェーズaxial画像をDICOMデータでお持ち下さい。ご不明の場合はCTメーカー担当者へご確認くださいことをお勧めいたします。
- Slab MIP以外に各社のワークステーションの様々な機能をお試しいただくことも可能です。各社スタッフが個別対応いたします。

### ●2018 Live Case CT検討会

実際に今年のCCTで治療されるライブ症例のCTを術前に解析・評価していただけます。CTを十分に評価したうえでライブをご覧いただくことで、より一層理解が深まることが期待できます。

### ●Fundamental Course

Sliding Slab MIP法の操作方法および基本的なCT診断のポイントを解説します。

### ●Advanced Course

Sliding Slab MIPの基本操作を習得されている方を対象とします。アンギオおよびIVUSを提示して実際に皆さんに症例のCT診断を行っていただきます。

### ●CTO Course

特にCTが有用性を発揮するCTO症例への活用法を解説します。皆さんに症例のCT診断を行っていただいたうえで、その読影のポイントとそれによるストラテジーの構築、実際に行った手技を4名の講師から1例ずつ解説します。2部構成としておりますが、すべて異なる症例になっていますので2部を通してのご参加も受け付けております。

今回はゼイオンソフト株式会社、GEヘルスケア・ジャパン株式会社、株式会社島津製作所、富士フイルムメディカル株式会社の4社にご協力いただき各社のワークステーションを準備しております。台数に限りがございますのでお早めにお申し込みください。定員に満たない場合は当日、会場での参加受付も行ってまいります。聴講のみの場合は予約不要で、スペースの許す限り人数制限はありません。

日付	セッション	時間	コース	定員
10月25日(木)	A	11:00-12:10	2018 Live Case CT 検討会	各12名
	B	14:30-15:40	Fundamental	
	C	16:30-17:40	Advanced (+Live Case)	
10月26日(金)	D	9:30-10:40	Fundamental	
	E	11:00-12:10	Fundamental	
	F	14:30-15:40	Advanced (+Live Case)	
10月27日(土)	G	16:30-17:40	Fundamental	
	H	9:00-10:10	CTO	
	I	10:30-11:40	CTO	

事前申込制ですが、当日会場に空席がございます場合には、ご参加いただくことが可能です。



## 角辻先生が教える、心タンポナーデを作らないためのコイル塞栓術

日程: 10月26日(金)・27日(土)  
会場: 神戸国際展示場1号館1階 Exhibition  
対象: メディカル

共催: 大阪大学医学部国際循環器学寄附講座/テルモ株式会社

日付	時間	講師	定員
10月26日(金)	14:00-15:30	角辻 暁	各12名
10月27日(土)	9:00-10:30	石原 昭三	

事前申込制ですが、当日会場に空席がございます場合には、ご参加いただくことが可能です。

## Bifurcation Stenting Seminar

日程: 10月25日(木)・26日(金)  
会場: 神戸国際展示場1号館1階 Exhibition  
対象: メディカル

共催: テルモ株式会社

### COURSE DESCRIPTION

このセッションでは参加者が臨床経験を共有しながら、議論を通じてステンティングのプロセスを組み立て、Yチューブモデルに実際のデバイスを用いてステンティングを施行します。

終了後、OFDI を用いての分岐部の観察や、撮影画像を見ながら手技を振り返ります。

### LEARNING OBJECTIVES

- 分岐部ステンティングの手法を列挙し、メカニズムを説明できる。
- 2ステントの手順を小グループで議論し、実際にハンズオンを施行する。
- ステントの動きや分岐部ワイアリングをモニターで観察する。

日付	時間	講師	定員
10月25日(木)	14:00-15:30	小松 宣夫	各6名
10月26日(金)	9:00-10:30	岡山 英樹	
	16:00-17:30	宍戸 晃基 (湘南鎌倉総合病院)	

事前申込制ですが、当日会場に空席がございます場合には、ご参加いただくことが可能です。

## OCT Training Center

日程: 10月25日(木)~10月27日(土)  
会場: 神戸国際展示場2号館3階 3B 会議室  
時間: 1セッション: 2時間  
対象: メディカル/コメディカル

共催: アボット バスキュラー ジャパン株式会社

OCTのエビデンスや実臨床での様々な症例におけるOCTの有用性を学ぶことが出来るコースです。前半は、アンジオ同期機能や3D機能の有用性と、PCI治療においてOCTにて得られた情報をどのように治療戦略に活かすかを症例提示や最新の論文紹介を交えて経験豊富な講師に解説いただきます。後半は、コメディカル講師より、OPTISの計測手順・画像解析について解説いただきます。OPTIS同様の画像解析機器を用いて、参加者の皆さまにも実際に解析を行っていただくことが可能です。

### プログラム

#### <前半> 座学

##### OCTの基礎

- OCT機能の臨床応用

##### OCTのエビデンスと実臨床

- ACS症例、分岐部病変、石灰化病変、ISR、Lipid richプラークの評価等
- 症例提示

##### 手技のコツ・注意点・医師がコメディカルに求める役割とスキル

- OCTの手技手順における注意点
- 綺麗な画像をとるコツ
- フラッシュ流量や使用溶液

#### <後半> ハンズオン

##### 実臨床における画像読影と計測手順

- 線維性/脂質/石灰化プラーク、血栓、ACS (Rupture/Erosion/Calcified Nodule) 等
- 治療戦略の決定
- Stent留置後・フォローアップでの評価項目
- 迅速で最適な操作と計測のコツ

日付	時間	講師	定員
10月25日(木)	10:00-12:00	鳥羽 敬義 神戸大学医学部附属病院 谷岡 怜 神戸大学医学部附属病院 医療技術部臨床工学部門	各16名
10月26日(金)	14:00-16:00	菊池 達郎 江戸川病院 鈴木 裕之 江戸川病院ME室	
10月27日(土)	10:00-12:00	石川 正人 藤田医科大学病院 伊藤 勝祥 藤田医科大学病院放射線部	

事前申込制ですが、当日会場に空席がございます場合には、ご参加いただくことが可能です。

## OFDI Training Center

日程: 10月25日(木)～10月27日(土)  
会場: 神戸国際展示場2号館3階 3B 会議室  
対象: メディカル/コメディカル

共催: テルモ株式会社

Director: 志手 淳也

### ●内容

#### メディカル向け

OFDI Guided PCIのレクチャー及び治療戦略に関するディスカッションを行います。

#### コメディカル向け

PCI施行時におけるOFDIの活用法と共に、シミュレータを用いた実際の操作方法を学びます。

日付	時間	講師	対象	定員
10月25日(木)	14:00-15:00	名越 良治	メディカル	10名
10月26日(金)	10:30-11:30	伊藤 勝祥 (藤田医科大学病院)	コメディカル	満員
10月27日(土)	13:45-14:45	白樫 貴宏 (大阪府済生会中津病院)	コメディカル	
	15:30-16:30	谷岡 怜 (神戸大学医学部附属病院)	コメディカル	8名

事前申込制ですが、当日会場に空席がございます場合には、ご参加いただくことが可能です。

## 超音波ハンズオンセミナー

日程: 10月27日(土)  
第1部 13:45～15:00 第2部 15:10～16:25  
会場: 神戸国際展示場1号館2階 Room 5  
対象: メディカル/コメディカル

共催: GEヘルスケア・ジャパン株式会社

### 触ってみよう超音波!

実際に超音波プローブを持っていただき、描出方法や注意点を学んでみませんか。全くの初心者から経験者まで、職種を問わずどなたでも参加可能です。

各セッションとも10分程度のレクチャーのあとハンズオンを行います。

一人でも多くご参加いただき、明日からの治療に役立てていただきたいと思います。

### ●進行

納口 英次 (心臓血管研究所付属病院)  
永井 美枝子 (済生会横浜市東部病院)

### ●定員

第1部、第2部とも  
・心臓:10名 ・頸動脈:5名 ・下肢動脈:5名 ・下肢静脈:5名

### ●講師

山崎 正之 (大阪府済生会中津病院)  
安保 浩二 (大阪市立大学医学部付属病院)  
遠藤 桂輔 (倉敷中央病院)  
山内 陽平 (倉敷中央病院)  
桜山 千恵子 (東京都健康長寿医療センター)  
永井 美枝子 (済生会横浜市東部病院)

事前申込制ですが、当日会場に空席がございます場合には、ご参加いただくことが可能です。

## Mastership Program

日程: 10月25日(木)～10月27日(土)  
会場: 神戸国際展示場1号館1階 Exhibition  
対象: メディカル

共催: ボストンサイエンティフィック ジャパン株式会社

### ロータブレードを究める～ロータブレードの適応と安全な使用法を考える (Rota-1, Rota-2)

石灰化病変治療に欠かせないロータブレードの適応や、手技成功率を100%にするための工夫やアイデアを、症例ディスカッションを交えながら日常の臨床経験に還元していく

### Cutting Balloon を究める～Cutting Balloon の適応と安全な使用法を考える (CB-1, CB-2)

石灰化病変治療に欠かせない Cutting Balloon の適応や、手技成功率を100%にするための工夫やアイデアを、症例ディスカッションを交えながら日常の臨床経験に還元していく

### IVUSを極める - IVUS Guide による分岐部ステント留置を考える (IVUS)

IVUSを用いて正しい分岐部ステント留置を行うための工夫やアイデアを、症例ディスカッションを交えながら日常の臨床経験に還元していく

日付	時間	コース	モデレーター	定員
10月25日(木)	17:30-18:30	Rota-1	座長: 岡村 篤徳 演者: 福原 怜	各20名
10月26日(金)	11:00-12:00	CB-1	症例提示: 海老澤 聡一朗 小川 崇之	
	16:30-17:30	IVUS	座長: 本江 純子 演者: 道明 武範 木下 順久	
10月27日(土)	10:30-11:30	Rota-2	座長: 濱崎 裕司 演者: 松尾 浩志	
	13:30-14:30	CB-2	症例提示: 小堀 裕一 吉町 文暢	

事前申込制ですが、当日会場に空席がございます場合には、ご参加いただくことが可能です。



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Kan Zen  
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(Alphabetical order)  
As of October 18

## Registration

### Registration Fee

On-site Registration		
Medical	3 days	JPY 35,000
	1 day	JPY 20,000
Medical(Intern)*	3 days	JPY 10,000
Co-medical	3 days	JPY 4,000
Industrial Professional	3 days	JPY 35,000

\* Medical(Intern) is required to present certification showing they are currently in the internship (4 years period) after graduation from medical school. Failure to do this will be charged the on-site registration fee of Medical. Pre-registration is not required.

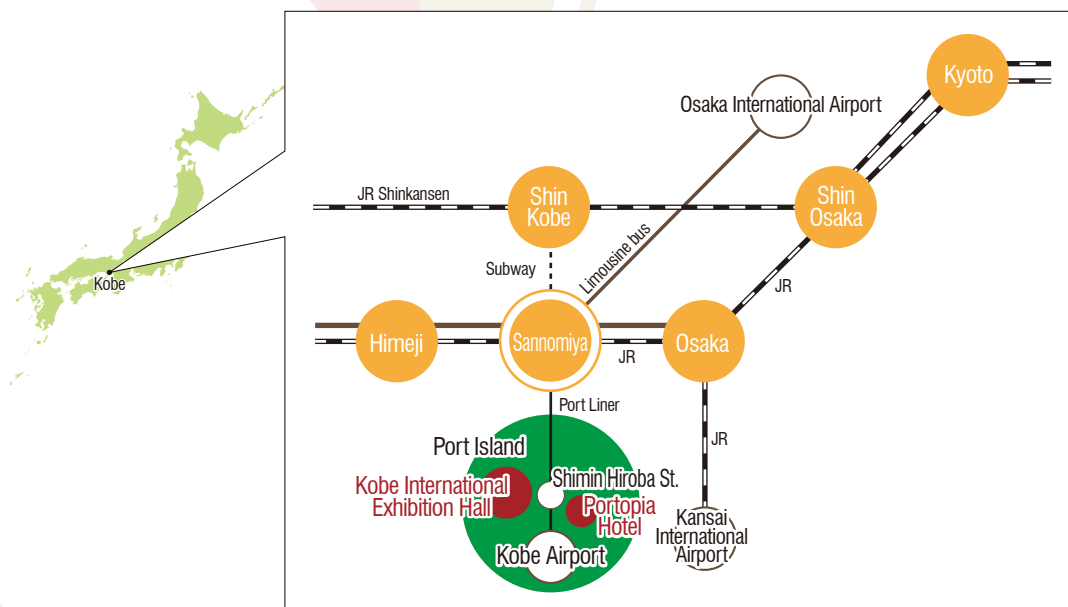
\*\* A student can attend the live course free of charge. Please present your student ID or equivalent documents at the on-site registration desk. Pre-registration is not required.



Online registration form is available on CCT website

<https://cct.gr.jp/2018/>

## Access



## Contacts

### Registration

#### CCT2018 Registration Desk

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