

Complex Cardiovascular Therapeutics 2022

CCT 2022

Dates **October 27** thu. - **29** sat., 2022

Meeting Format **Hybrid Meeting (On-site and virtual meeting)**

Venues **Kobe International Exhibition Hall**
Portopia Hotel, Kobe, Japan

Coronary

Update
Program



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

Facebook
<https://www.facebook.com/CCTJAPAN/>

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Honorary Advisors

Yasushi Asakura
Yamato Tokushukai Hospital

Tomoaki Hinohara
Sequoia Hospital, USA

Keiichi Igarashi Hanaoka
Hanaoka Seishu Memorial Hospital

Osamu Katoh

Eisho Kyo
Kusatsu Heart Center

Satoru Otsuji
Higashi Takarazuka Satoh Hospital

Takahiko Suzuki
Toyohashi Heart Center

Kinzo Ueda
Takase Memorial Hospital

Masahisa Yamane
Saitama Sekishinkai Hospital

Honorary Co-Director

Run-Lin Gao
Fu Wai Hospital, People's Republic of China

Coronary Course Directors

Kazuhiro Ashida
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Ichiro Hamanaka
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Ryohei Yoshikawa
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EMO GVM Centro Cuore Columbus, Milan/
Humanitas Research Hospital, Rozzano, Italy

Tian Hai Koh
National Heart Centre Singapore, Singapore

Seung-Jung Park
Asan Medical Center, Korea

Nicolaus J. Reifart
Main Taunus Heart Institute, Germany

Teguh Santoso
Medistra Hospital, Indonesia

Course Objectives

CCT Secretariat

Secretary-General
Yasumi Igarashi
Sapporo-Kosei General Hospital

Ichiro Hamanaka
Rakuwakai Marutamachi Hospital

Kaoru Iwabuchi
Osaki Citizen Hospital

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Kyoto Katsura Hospital

Kenya Nasu
Mie Heart Center

Yuji Oikawa
The Cardiovascular Institute

Hiroyuki Tanaka
Kurashiki Central Hospital

Takafumi Tsuji
Kusatsu Heart Center

(Alphabetical order)

CCT2022 will be held for 3 days from Thursday, October 27 to Saturday, October 29, 2022. Last year, CCT2021 was held as a virtual meeting by considering the situation of COVID-19 pandemic. At this point, there is a possibility of holding the meeting on site this autumn; therefore, we are planning to host it as a hybrid style meeting of webcast and on site for domestic attendees, and primarily as a virtual meeting for international attendees. However, the meeting format is subject to change to a virtual event for all attendees depending on the situation of COVID-19 pandemic.

The Complex PCI procedure has been rapidly improved about these 20 years and reached its maturity today. Nevertheless, there is a possibility of a drastic change in the Complex PCI procedure in the future, since new improvements are still coming. For bifurcation lesions and calcified lesions, we are becoming able to apply a variety of debulking devices by introducing a high-resolution evaluation method mainly based on OCT. In addition, for CTO lesions, more accurate and effective procedure is now possible because an angiography puncture method by using a new penetration plane view and a puncture method by using IVUS which is specialized to CTO have developed, as well as a wire with more penetration ability has been developed and become available. In CCT2022, we aim to progress the level of complex PCI procedure worldwide by presenting all the way from educational and basic techniques to these updated knowledge and procedures.

We sincerely hope the situation of COVID-19 pandemic settles down in autumn, 2022 so that we are able to see many of you on site or on the web. Your active participation is very much appreciated.

Atsunori Okamura
CCT2022 Representative Coronary Course Director

Dates

Thursday, October 27 to Saturday, October 29, 2022

Venue

Kobe International Exhibition Hall 2
Main Theater I / Main Theater II / Room 3 / Room 4
Kobe International Exhibition Hall 1
Room 7
Web only
Room 5 / Room 6
※CCT2022 will be a hybrid event of on-site and virtual meeting.

Language

Coronary English / Japanese / Chinese

Simultaneous interpretation is available:

English and Japanese: Main Theater I, Main Theater II, Room 4, Room 5

Chinese and Japanese: Room 7

※Except for sponsored sessions.



English translation available



Japanese translation available



Chinese translation available



Japanese only

Registration Fee

Online Registration → <https://cct.gr.jp/2022/registration.html>



*Registration fees of Student is free. Please check "Registration Fee" section on the CCT2022 website for details.

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

Online Program

<https://cct.gr.jp/2022/program.html>



Video on-demand

The program video will be available on the CCT website from Thursday, November 10 to Saturday, December 10, 2022. (Except for some sessions.)

Notification

CCT2022 will be a hybrid event of on-site and virtual meeting.

The viewing URL will be sent by email to the registrants.

Re-using and uploading of the screenshots or recordings of the screen at the venue and the live streaming on the web (website, SNS and video transmission website) are forbidden.

Secretariat

CCT Administration Office
Central Residence 201, 48 Higashiodawaracho, Toyohashi, Aichi, 440-0886, Japan
Tel: +81-532-57-1275 / +81-532-52-2883
E-mail: secretariat@cct.gr.jp



日程

2022年10月27日(木)～29日(土)

会場

神戸国際展示場2号館

Main Theater I / Main Theater II / Room 3 / Room 4

神戸国際展示場1号館

Room 7

Web配信のみ

Room 5 / Room 6

※ハイブリッド開催(会場開催&Web配信)

言語

Coronary 英語/日本語/中国語

同時通訳の入るチャンネル:

英語・日本語: Main Theater I / Main Theater II / Room 4 / Room 5

中国語・日本語: Room 7

※共催セッションを除く



English translation available



Japanese translation available



Chinese translation available



Japanese only

参加登録

オンライン登録➡ https://cct.gr.jp/2022/registration_ja.html



*学生の方の参加登録費は無料です。
詳細はCCT2022ウェブサイトをご確認ください。

メディカル[3日券]	35,000 円
メディカル[1日券]	20,000 円
メディカル(研修医)	10,000 円
コメディカル	4,000 円
企業関係者	35,000 円

オンラインプログラム

<https://cct.gr.jp/2022/program.html>



オンデマンド配信

11月10日(木)～12月10日(土)の間、プログラム収録ビデオをオンデマンド配信いたします。(一部セッションを除く)

注意事項

CCT2022はハイブリッド開催(会場開催+ウェブ配信)の予定です。

ウェブ視聴URLは、e-mailにて参加者へご連絡いたします。

会場内および配信されている画面をスクリーンショット・撮影した画像または動画を再利用したり、ウェブサイト、SNSや動画配信サイトに投稿することは禁止させていただきます。

お問い合わせ先

CCT事務取扱

〒440-0886 愛知県豊橋市東小田原町48番地セントラルレジデンス201

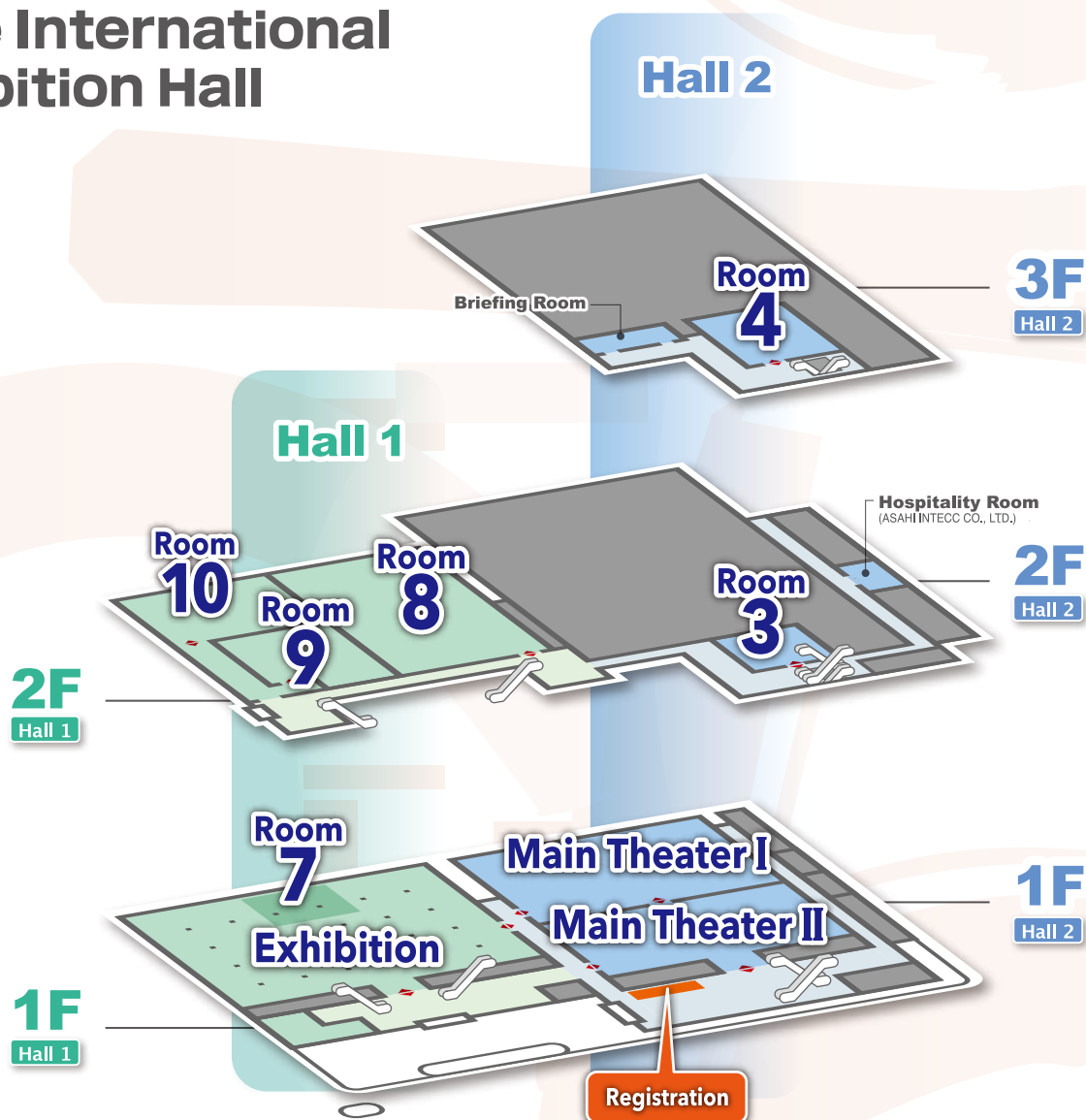
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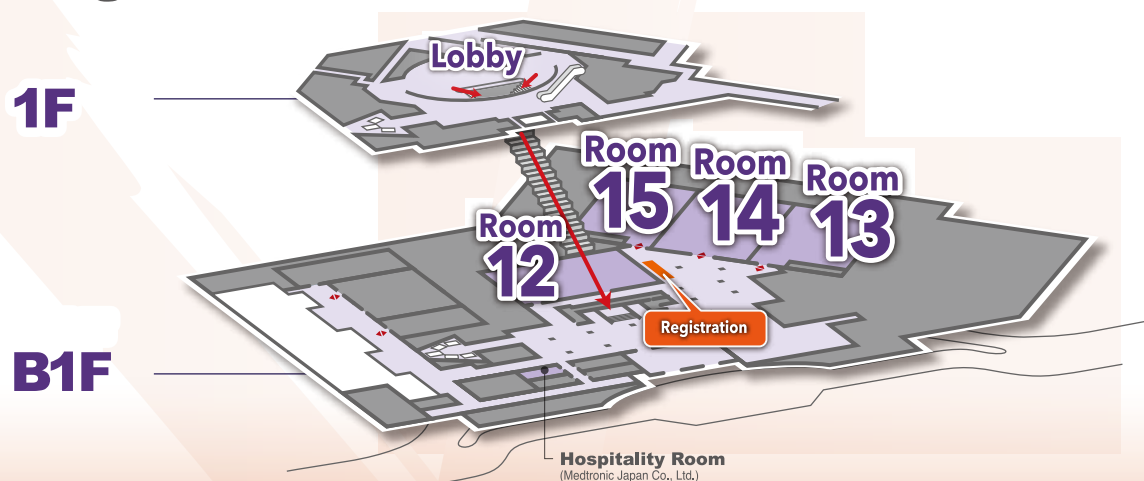
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Kobe International Exhibition Hall



Portopia Hotel Main Bldg.



Exhibition Hall Map



Booth No. Exhibitors

A-01	テルモ株式会社	TERUMO Corporation
A-02	株式会社島津製作所	SHIMADZU CORPORATION
A-03	日本メドトロニック株式会社	Medtronic Japan Co., Ltd.
A-04	ニプロ株式会社	NIPRO CORPORATION
A-05	朝日インテック株式会社	ASAHI INTECC CO., LTD.
A-06	キャノンメディカルシステムズ株式会社	CANON MEDICAL SYSTEMS CORPORATION

Booksellers

株式会社ガリバー	Gulliver Co., Ltd.
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Booth No. Exhibitors

B-01	ゼオンメディカル株式会社	ZEON MEDICAL INC.
B-02	日本メディカルネクスト株式会社 シーメンスヘルスケア株式会社	Japan Medicalnext Co., Ltd. Siemens Healthcare K.K.
B-03	バイエル薬品株式会社	Bayer Yakuhin, Ltd.
B-04	メディキット株式会社	MEDIKIT CO., LTD.
B-05	JSR株式会社	JSR Corporation
B-06	フォトロン M&E ソリューションズ株式会社	Photron M&E Solutions Inc.
B-07	ディーブイエックス株式会社	DVx Inc.

Thursday, 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
Main Theater I	Live Case Pre-discussion Session		PCI Live Case Transmission The Cardiovascular Institute				Luncheon Seminar TERUMO Corporation		PCI Live Case Transmission The Cardiovascular Institute			Fireside Session TERUMO Corporation		
Main Theater II			PCI Live Case Transmission Sapporo-Kosei General Hospital / Mie Heart Center				Luncheon Seminar A new future starts here for CTO-PCI ASAHI INTECC CO., LTD./CANON MEDICAL SYSTEMS CORPORATION		PCI Live Case Transmission Sapporo-Kosei General Hospital / Toyohashi Heart Center			Fireside Session Abbott Medical Japan LLC		
Room 3			Case Competition Calcified Lesion 1	Case Competition Chronic Total Occlusion 1	TTT@CCT2022: Left Main and Bifurcation Summit				Case Competition Complication/Bailout 1	Coffee Break Session DAIICHI SANKYO COMPANY LIMITED	Case Competition AMI, ACS			
Room 4			Fellow Course Bifurcation		Fellow Course Complications							Fireside Session Smart PREP Boston Scientific Japan K. K.		
Room 5 (Web Only)			Procedure tips of PCI treatment which are useful to know		How to treat the difficult ACS cases with interventional techniques and devices				LMT PCI	Calcified Lesions				
Room 6 (Web Only)			TCTAP@CCT2022						ISIC@CCT2022:Indonesia presents complex PCI, peripheral and congenital cases you should not miss		J-WINC@CCT			
Room 7									Chinese Perspectives on Live Case Transmissions CANON MEDICAL SYSTEMS CORPORATION					

Friday, October 28

	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
Main Theater I	Live Case Pre-discussion Session		PCI Live Case Transmission Sakurabashi Watanabe Hospital						PCI Live Case Transmission Sakurabashi Watanabe Hospital			Fireside Session Boston Scientific Japan K. K.		
Main Theater II			PCI Live Case Transmission Toyohashi Heart Center				Luncheon Seminar Boston Scientific Japan K. K.		PCI Live Case Transmission Toyohashi Heart Center			Fireside Session Abbott Medical Japan LLC		
Room 3			APCTO@CCT2022: Safety of CTO PCI –Live case from Liverpool and Wellington	Case Competition Chronic Total Occlusion 2	Case Competition Chronic Total Occlusion 3		Luncheon Seminar OrbusNeich Medical K.K.		Case Competition Complication/Bailout 2	Colloidal Break Session An innovative new generation scoring device OrbusNeich Medical K.K.	Symposium YES Foundation/ASAHI INTECC CO., LTD.			
Room 4			Fellow Course CTO	Fellow Course Physiology			What to expect from the new DCS “BioFreedom Ultra” KaneKa Medix Corporation		CCT Live Playback Session	Colloidal Break Session Down of 4th generation ~Latest DES Orsio Mission~ BIOTRONIK JAPAN	DCB Summit NIPRO CORPORATION			
Room 5 (Web Only)			Clinical IVUS Course		Management for Complication				DCA	Antegrade CTO-PCI				
Room 6 (Web Only)			Slender Club@CCT		Bifurcation Club@CCT: Left main bifurcation intervention				IJCTO@CCT		POPAI@CCT Future direction of Physiology and Imaging			
Room 7				Secure and efficient management of complex PCI KANEKA CORPORATION	Chinese Perspectives on Live Case Transmissions KANEKA CORPORATION				Conquer the Complex with same core weapons from Zilai to HighTrack TERUMO Corporation	Chinese Perspectives on Live Case Transmissions TERUMO Corporation	Chinese Perspectives on Live Case Transmissions ASAHI INTECC CO., LTD.			

Saturday, October 29

	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
Main Theater I	Live Case Pre-discussion Session		PCI Live Case Transmission Ootakanomori Hospital				Luncheon Seminar What is the OPTIMAL PCI strategy for calcified lesions? Abbott Medical Japan LLC		PCI Live Case Transmission Ootakanomori Hospital					
Main Theater II			PCI Live Case Transmission Kyoto Katsura Hospital				Luncheon Seminar ARCADIA ZERO registry AfterRocSciortic Complex coronary Artery DiseaseAs treated by Zotarolimus-Eluting Resolute Onyx stent Medtronic Japan Co., Ltd.		PCI Live Case Transmission Kyoto Katsura Hospital					
Room 3			Taiwan CTO Club@CCT2022		APCTO Young Session@CCT2022				Case Competition Others	Case Competition Left Main Trunk/Ostial, Bifurcated Lesion	Case Competition Calcified Lesion 2			
Room 4			Fellow Course: Mastering IVUS/OCT/OFDI	Colloidal Break Session The new hope of Aperta NSE-Strong and controlled force awake- NIPRO CORPORATION	CCT Live Playback Session		Luncheon Seminar How to overcome complex lesion - my unsung hero devise KaneKa Medix Corporation		Fellow Course Overcoming Calcified Lesions					
Room 5 (Web Only)			Retrograde		CTO-PCI with or without CT: Discussing the usefulness of cardiac CT information in CTOPCI				Mechanical circulatory support for cardiogenic shock in ACS					
Room 6 (Web Only)			ENCORE SEOUL@CCT2022		IMC Live Session@CCT2022				CCTI@CCT2022					
Room 7			Right Lesion Preparation @CCT China Session NIPRO CORPORATION		Chinese Perspectives on Live Case Transmissions NIPRO CORPORATION/Shimadzu Corporation									

Thursday, October 27

Main Theater I

Morning Session

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

Chairs

Kazuhiro Ashida, Ichiro Hamanaka

Discussers

Ryo Gotoh, Shozo Ishihara, Koki Omi,
Masayuki Sakurai

PCI Live Case Transmission

The Cardiovascular Institute

Operators

Hiromasa Katoh, Yuji Oikawa, Takafumi Tsuji,
Junji Yajima

Imaging Commentators

Michiya Kageyama, Yoriyasu Suzuki

8:30-10:30 **Shinken Live 1**

Chairs

Atsunori Okamura, Takeshi Niizeki,
Takayuki Ogawa, Paul Hsien-Li Kao

Commentators

Emmanouil Brilakis, Kenji Kawajiri,
Byeong Keuk Kim, Atsuichiro Shigenaga,
Masaki Tanabe

10:30-12:20 **Shinken Live 2**

Chairs

Hiroyuki Tanaka, Shozo Ishihara, Jiyan Chen,
Seung-Jung Park

Commentators

Hirooki Higami, Bon-Kwon Koo, Takashi Kubo,
Masayuki Sakurai, Yoshihisa Shimada,
Jun Yamashita

Luncheon Seminar

12:45-13:45

See p. 17

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TERUMO Corporation

PCI Live Case Transmission



14:00-16:00 **Shinken Live 3**

Chairs

Kazuhiro Ashida, Tomoko Kobayashi,
Shinya Okazaki, Yang-Soo Jang

Commentators

Pravin K. Goel, Yoshiharu Higuchi, Hiroyuki Kunii,
Yoritaka Otsuka, Teppei Sugaya, Kaname Takizawa

16:00-18:00 **Shinken Live 4**

Chairs

Ken Ishibashi, Junya Shite, Kenichi Sakakura,
Tian Hai Koh

Commentators

Atsushi Hirohata, Arun Kalyanasundaram,
Yasuaki Koga, Yasuhiro Tanabe, Tamon Yamanaka

Fireside Session

Japanese
only

18:10-19:40

See p. 17

Co-sponsored by
TERUMO Corporation

Main Theater II

PCI Live Case Transmission

LIVE E J

Sapporo-Kosei General Hospital

Operators

Yasumi Igarashi, Masaru Yamaki

Imaging Commentators

Shunsuke Kitani, Takahide Suzuki

8:30-10:30 **Sapporo Live 1**

Chairs

Wataru Nagamatsu, Ryohei Yoshikawa, Makoto Sekiguchi, Seung-Woon Rha

Commentators

Ryo Gotoh, Hiroki Kamiya, Shih-Chi Liu, Koshi Matsuo, Koki Omi, Tohru Takahashi

PCI Live Case Transmission

LIVE E J

Mie Heart Center

Operator

Kenya Nasu

10:30-12:20 **Mie Live 1**

Chairs

Masahisa Yamane, Yoshifumi Kashima, Byeong Keuk Kim

Supervisor

Osamu Katoh

Commentators

Jang-Whan Bae, Katsuyuki Hasegawa, Hee-Yeol Kim, Feng Yu Kuo, Seung-Whan Lee, Natarajapillai Prathap Kumar, Kenichiro Shimoji, Cheng-Chun Wei

Special Focus Live

Co-sponsored by

ASAHI INTECC CO., LTD.

CANON MEDICAL SYSTEMS CORPORATION

Medtronic Japan Co., Ltd.

Luncheon Seminar

E J

12:45-13:45 **A new future starts here for CTO-PCI**

Chair

Yoshifumi Kashima

Supervisor

Kenya Nasu

Lecturers

Concept and rationale of the penetration plane method
Shunsuke Matsuno

Concept of novel IVUS guidance for more reliable antegrade wire crossing
Katsuyuki Hasegawa

Co-sponsored by

ASAHI INTECC CO., LTD / CANON MEDICAL SYSTEMS CORPORATION

PCI Live Case Transmission

LIVE E J

Sapporo-Kosei General Hospital

Operators

Yasumi Igarashi, Masaru Yamaki

Imaging Commentators

Shunsuke Kitani, Takahide Suzuki

14:00-16:00 **Sapporo Live 2**

Chairs

Yuji Hamazaki, Kaoru Iwabuchi, Toru Kataoka, A.V. Ganesh Kumar

Commentators

Jiro Aoki, Simon Lo, Ryoji Nagoshi, Masaharu Okada, Kazuyuki Ozaki, Hiroki Sakamoto, Bo Xu

PCI Live Case Transmission

LIVE E J

Toyohashi Heart Center

Operator

Maoto Habara

Imaging Commentator

Tairo Kurita

16:00-18:00 **Toyohashi Live 1**

Chairs

Ichiro Hamanaka, Samuel K. Mathew

Supervisor

Satoru Otsuji

Commentators

Masaki Fujita, Rei Fukuhara, Nozomu Kawashima, Yuya Nakagawa, Sudhir Rathore, Masanori Teramura

Fireside Session

Japanese Only

18:10-19:40

See p. 17

Co-sponsored by

Abbott Medical Japan LLC

Room 3

Case Competition

8:30-9:20 **Calcified Lesion 1**

Chairs

Yoshihisa Kinoshita, Kenichi Sakakura

Judges

Seung-Whan Lee, Jianping Li, Yoshihisa Shimada, Kaname Takizawa, Kenji Wagatsuma

Presenters

A Case of distal Left Circumflex Artery Calcified Lesion Not Engaged Balloon

In Tae Moon (Uijeongbu Eulji University Hospital, Korea)

The Case of Calcified Nodule Lesion of Saphenous Vein Graft: Treatment using aggressive Wire Recanalization in Calcified Atheroma and Dilatation Technique

Yusuke Kimishima (Hoshi General Hospital, Japan)

A case of multidisciplinary CHIP-PCI for severe calcified left circumflex coronary ostium stenosis concomitant with severe aortic stenosis

Junsuke Shibuya (Nippon Medical School Hospital, Japan)

Rotational atherectomy in Heavily Calcified and Tortuous Left Anterior Descending Artery

Thitima Limjaroen (King Chulalongkorn Memorial Hospital, Thailand)

Successful rotational atherectomy with difficulty for a patient with severely calcified 3VD

Hideomi Fujiwara (Toranomon Hospital, Japan)

9:30-10:20 **Chronic Total Occlusion 1**

Chairs

Ken Ishibashi, Masaharu Okada

Judges

Cheng-I Cheng, Ryuichi Funada, Takashi Morita, Yasuhiro Nakano, Toshiharu Oka

Presenters

The Case that GP-Lock is useful for RCA and CTO lesions that are difficult to back up, and IVUS-based ADR has been successful

Kota Tanaka (Sakurabashi Watanabe Hospital, Japan)

A Successful Intravascular Ultrasound Guided-Subintimal Stenting for In-Stent Chronic Total Occlusion using Knuckle and Reverse Controlled Antegrade and Retrograde Subintimal Tracking Techniques

Takafumi Koga (Chiba Tokushukai Hospital, Japan)

RCA subtotal occlusion case requiring a retrograde approach due to poor backup of the antegrade guide catheter

Shigeki Nishiyama (Saitama Sekishinkai Hospital, Japan)

Successful Two-Stage PCI for Double Chronic Total Occlusions of the Ostial LCX and Completely Occluded RCA

Yukihiro Yamaguchi (Tokyo General Hospital, Japan)

A CTO case with difficulty in collateral channel management

Yuya Nakagawa

(Hakodate Medical Association Hospital, Japan)

International Joint Session

10:30-12:30 **TTT@CCT2022: Left Main and Bifurcation Summit**

Chairs

I-Chang Hsieh, Paul Hsien-Li Kao, Wataru Nagamatsu, Junya Shite

Commentators

Rei Fukuhara, Chi-Hung Huang, Tse-Min Lu, Shinichiro Yamada

Opening presenter

Opening

I-Chang Hsieh

Speaker

When PCI of rock-hard left main bifurcation remains the only option

Chih-Hung Lai

How about drug coated balloons in bifurcation lesions?

Hsiu-Yu Fang

Which strategies is better in high bleeding risk patients with bifurcations after percutaneous coronary intervention? Shorter DAPT or longer DAPT?

Yu-Chen Wang

Real-world experience and outcomes of protected versus unprotected left main percutaneous coronary intervention

Wei-Chun Huang

Clinical outcomes of unprotected left main ST-segment elevation myocardial infarction

Chun-Wei Lee

How to choose provisional or planned two-stent methods?

Jiunn-Cherng Lin

Is DK crush the optimal two-stent bifurcation strategy for left main PCI?

Jong-Shiuan Yeh

Closing

Junya Shite

Case Competition

14:00-15:20 Complication/Bailout 1

Chairs

Makoto Muto, Yasunori Ueda

Judges

Noriyuki Kinoshita, Masatsugu Nozoe,
Yohei Numasawa, Hideo Takebayashi,
Jumpei Todoroki, Bin Zhang

Presenters

Iatrogenic Type C to Type F progression of RCA
dissection and vessel salvage

Jinesh Thomas (Lourdes Hospital, India)

Successfully retrieving a guide extension catheter
entrapped by a coronary stent in the middle right
coronary artery
Shinji Imura (Okamura Memorial Hospital, Japan)

Broken rotablator burr in LAD. But, survived without
either extraction or bypass. Ischemic preconditioning
does work

Woo-Young Chung (Boramae Medical Center, Seoul
National University, College of Medicine, Korea)

Dealing with deformed DES loss to the lower limb
Osit Bambat (Chiangraiprachanukroh Hospital, Thailand)

A case of successful Intravascular Ultrasound-
guided Antegrade Dissection Reentry in a case of
ST-Segment Elevation Myocardial Infarction
Hideto Sengen (Hakujikai Memorial Hospital, Japan)

A bailout case of Rotablator driveshaft fracture and
burr entrapment using Fogarty balloon technique
Yoshinori Shimooka
(Hokushinkai Megumino Hospital, Japan)

Catch me if you can; a long journey for retrieving
migrated coronary artery stent into tibial artery
Sanghyo Kim (Jeonbuk National University Medical
School & Hospital, Korea)

A Terrible Case of Left Main Coronary Artery
Dissection Caused by Initial Angiography
Shuhei Uchida
(Shonan Kamakura General Hospital, Japan)

Coffee Break Session

15:45-16:15

See p. 18

Co-sponsored by
DAIICHI SANKYO COMPANY, LIMITED

Japanese
only

Case Competition

16:30-17:50 AMI, ACS

Chairs

Jungo Furuya, Toru Kataoka

Judges

Hiroshi Fujita, Makoto Hoyano, Ryoji Nagoshi,
Marohito Nakata, Chunhamaneewat Narathip,
Satoshi Yamamoto

Presenters

Successful Rescue CHIP Intervention for
Extravasation Through Frank Perforation in the
Context of Infectious Bypass Graft and Recover the
Native Coronary Artery

Takahiko Kai

(St.Marianna University School of Medicine, Japan)

Left main true bifurcation calcified lesion in a young
out-hospital cardiac arrest survivor: combination
therapy of emergent rotational and urgent orbital
atherectomy

Toru Nakanishi

(St.Marianna University Yokohama Seibu Hospital, Japan)

A case of stent thrombosis due to in-stent
neointimal hyperplasia 4-years after 3rd generation
stent implantation

Kei Kawai (Seirei Yokohama Hospital, Japan)

Acute coronary syndrome due to calcified mass
originated from native valve just after transcatheter
aortic valve implantation (TAVI)

Munenori Okubo (Gifu Heart Center, Japan)

A case of acute myocardial infarction with
successful reduction of thrombus volume by
excimer laser coronary angioplasty

Sho Nakao (Kansai Rosai Hospital, Japan)

Effectiveness of delayed percutaneous coronary
intervention for right ventricular myocardial
infarction with cardiogenic shock

Takumi Akiyama (Niigata University Graduate School of
Medical and Dental Sciences, Japan)

A complex percutaneous coronary intervention to
unstable angina pectoris, including a guidewire
breakage

Ryohei Tanaka (Toranomon Hospital, Japan)

A STEMI case with coronary artery ectasia and huge
thrombus

Ryo Miyabe (Mimihara General Hospital, Japan)

Room 4

Fellow Course



8:30-10:30 **Bifurcation**

Chairs

Fumitaka Hosaka, Hiromasa Katoh

Lecturers

Clinical evidences for coronary bifurcation lesions
Masahiro Natsuaki

How to predict side branch occlusion in bifurcation lesions?

Kenji Sakata

Utility of side branch protection techniques for bifurcation lesions - Jailed balloon/corsair technique -
Yohei Numasawa

All about kissing balloon technique
Takahide Kodama

2-stenting strategy for bifurcation lesion
Hirooki Higami

Role of debulking device in bifurcation lesions
Satoru Tohara

How to manage complication specific to bifurcation lesion
Ruka Yoshida

Fellow Course



10:30-12:30 **Complications**

Chairs

Takeshi Niizeki, Tohru Takahashi

Lecturers

Management of acute contrast reactions and heparin-induced thrombocytopenia
Seiji Kano

Devices: IVUS catheter, guide wire and balloon catheter entrapment and stent dislodgement - How to retrieve them?
Masatoki Yoshida

How to avoid complications under rotablator and orbital atherectomy. My tips and rules
Kaname Takizawa

DCA Complications
Yoshihiro Takeda

Coronary perforation, coronary dissection
Yoshihide Fujimoto

Troubleshooting of CTO-PCI
Jutaro Yamada

Fireside Session

Japanese only

18:10-19:40 **Smart PREP**

See p. 18

Co-sponsored by
Boston Scientific Japan K. K.

Room 5

Scientific Program



8:30-10:00 **Procedure tips of PCI treatment which are useful to know**

Chairs

Junichi Yamaguchi, Masaru Yamaki

Lecturers

How to manipulate guiding catheter to treat complex lesions

Fuminobu Yoshimachi

Effective and useful techniques in coronary bifurcation lesions

Takuya Myojo

Tips of PCI for ostial LCx lesion
Shunsuke Kitani

Tips of guidewire cross for CTO lesion
Shozo Ishihara

Scientific Program



10:30-12:30 **How to treat the difficult ACS cases with interventional techniques and devices**

Chairs

Hideki Okayama, Hiroyuki Tanaka

Commentators

Shunzo Matsuoka, Takashi Morita, Yoriyasu Suzuki, Hiroki Uehara

Lecturers

Trial to shorten door-to-balloon time at our acute coronary syndrome team
Koki Omi

Acute coronary syndrome with severe calcified lesion
Toshiharu Oka

Treatment strategies for thrombotic lesions
Toru Takii

Management of multivessel coronary artery disease in ACS
Keita Inanaga

Mechanical support in patients with ACS
Yusuke Hosokawa

Scientific Program



14:00-15:50 LMT PCI

Chairs

Yoshihiro Takeda, Yasuhiro Tarutani

Lecturers

Up-to-date evidence for LMT PCI
Shinichiro Yamada

Physiological assessment of LMT lesions
Yuetsu Kikuta

Role of imaging for LMT PCI
Ruka Yoshida

Optimal stenting for LMT bifurcation lesions
Yasuhiro Tarutani

Treatment for severely calcified LMT lesion
Rei Fukuhara

Usefulness of DCA for LMT lesions
Masayuki Sakurai

Scientific Program



16:00-17:30 Calcified Lesions

Chairs

Yoshifumi Kashima, Tomoko Kobayashi

Commentators

Takenori Domei, Hiroaki Tsujita, Kimihito Usui, Seiji Yamazaki

Lecturers

How to grow calcification and prognosis of calcified lesions
Gaku Nakazawa

How to use CT images for calcified lesion
Masaaki Okutsu

Rotablation & OAS by the expert operator
Kenichi Sakakura

Application of DCA for calcified lesions, its possibility and efficacy
Hiroaki Hirase

What is and how to use Lithoplasty
Yutaka Tanaka

Room 6

International Joint Session

8:30-10:00 TCTAP@CCT2022

Chairs

Bon-Kwon Koo, Duk-Woo Park

Panelists

Jung-Min Ahn, Do-Yoon Kang, Takayuki Ogawa

Left Main & Bifurcation

Lecturers

What really matters in left main bifurcation PCI: concept or technique?
Seung-Jung Park

PCI vs. CABG for left main revascularization: Controversies and agreements in 2023
Duk-Woo Park

Physiology-guided decision-making in left main bifurcation PCI
Bon-Kwon Koo

TAVR

TAVR with balloon-expanding valve for bicuspid aortic valve : Tips & tricks
Jung-Min Ahn

Optimal anti-thrombotic therapy after TAVR: Insights from ADAPT-TAVR Trial
Do-Yoon Kang

International Joint Session

14:00-16:00 ISIC@CCT2022:Indonesia presents complex PCI, peripheral and congenital cases you should not miss

Opening presenter
Welcome speech
Doni Firman

<14:00-15:00> Session 1:Optimized PCI (imaging, functional) in complex cases

Chairs
Doni Firman, Yasumi Igarashi

Panelists
Achmad Fauzi Yahya, Alan Fong, Michael Lee,
Sodiqur Rifqi, Sunarya Soerianata, Junji Yajima

Case 1

Presenter
Arwin Saleh Mangkuanom

Moderator
Junji Yajima

Case 2

Presenter
M. Saifur Rohman

Moderator
Sunarya Soerianata

Case 3

Presenter
Andika Sitepu

Moderator
Michael Lee

Case 4

Presenter
I Made Junior Rina Artha

Moderator
Alan Fong

Closing Presenter
Closing
Yasumi Igarashi

<15:00-16:00> Session 2:Peripheral and Congenital

Chairs
Ichiro Hamanaka, Teguh Santoso

Panelists
Suko Adiarto, Takuya Haraguchi,
Muhammad Munawar

Case 5

Presenter
Suci Indriani

Moderator
Teguh Santoso

Case 6

Presenters
M Reza Pasciolly

Moderator
Takuya Haraguchi

Case 7

Presenters
Yovi Kurniawati

Moderator
Teguh Santoso

Closing Presenter
Teguh Santoso

Joint Session

16:00-18:00 J-WINC@CCT

See p. 20

Japanese
only

Room 7

Live Case Transmission

LIVE  

14:30-17:00 Chinese Perspectives on Live Case Transmissions 1

Chair
Eisho Kyo, Jianfang Luo

Commentators
Guosheng Fu, Katsuyuki Hasegawa, Jianying Ma,
Kazunori Masuda, Yoshihisa Shibata, Xinhua Wu,
Yuchen Zhang

Co-sponsored by
CANON MEDICAL SYSTEMS CORPORATION

Thursday, October 27

Main Theater I

Morning Session

7:30-8:20 **ライブ症例術前検討会**

座長
芦田 和博
浜中 一郎

ディスカッサー
石原 昭三
近江 晃樹
後藤 亮
櫻井 将之

Luncheon Seminar

12:45-13:45 **Ultimate DES - Ultimaster Nagomiステントの真実 -**

座長
中澤 学

演者
e-Ultimaster update
蔵満 昭一

Ultimaster Nagomi 分岐部病変への可能性
木下 順久

共催：テルモ株式会社

Fireside Session

18:10-19:40 **徹底討論！ Anteowl - IVUS based TD-ADR**

座長
吉川 輝平
岡村 篤徳

演者
TD-ADRについて
岡村 篤徳

TD-ADRに求められるガイドワイヤーの力学的特徴とその検証について
松田 洋彰

TD-ADR 症例提示1
田中 康太（桜橋渡辺病院）

TD-ADR 症例提示2
吉川 輝平

TD-ADR 症例提示3
伊藤 良明

TD-ADR 症例提示4
芹川 威

共催：テルモ株式会社

Main Theater II

Luncheon Seminar

12:45-13:45 **A new future starts here for CTO-PCI**

座長
鹿島 由史

スーパーバイザー
那須 賢哉

演者
Concept and rationale of the penetration plane method
松野 俊介

Concept of novel IVUS guidance for more reliable antegrade wire crossing
長谷川 勝之

共催：朝日インテック株式会社
キヤノンメディカルシステムズ株式会社

Fireside Session

18:10-19:40 **U-40 CTO & Complex症例検討会**

座長
下地 顕一郎
景山 倫也
福原 怜
羽原 真人
加藤 大雅
藤田 雅樹

コメンテーター
井戸 貴久（中部国際医療センター）
坂下 徳（イムス富士見総合病院）
杉山 拓史（獨協医科大学日光医療センター）
鈴木 智詞（近畿大学奈良病院）
中田 円仁
永嶺 翔（江戸川病院）
山本 隆介

演者
鈴鹿 裕城（豊橋ハートセンター）
御手洗 敬信（聖マリアンナ医科大学）

共催：アボットメディカルジャパン合同会社

Room 3

Coffee Break Session

Japanese only

15:45-16:15 **脳心血管イベント抑制に対するSAPTの意義**

座長
華岡 慶一

演者
脳心血管イベント抑制に対するSAPTの意義
山口 淳一

共催：第一三共株式会社

Room 4

Fellow Course



8:30-10:30 **分岐部**

座長
加藤 大雅
保坂 文駿

演者
分岐部病変に対するPCIのエビデンスおよび最近の潮流
夏秋 政浩

分岐部病変における側枝閉塞をどう予測するのか
坂田 憲治

Jailed Balloon/Corsair Techniqueのすべて
沼澤 洋平

Kissing Balloon Techniqueのすべて
児玉 隆秀

Double stentingが必要な病変およびその方法
樋上 裕起

分岐部病変におけるDebulking治療
唐原 悟

分岐部病変特有の合併症およびその対処法
吉田 路加

Fellow Course



10:30-12:30 **合併症**

座長
新関 武史
高橋 徹

演者
造影剤アレルギー（アナフィラキシーショックを含む）、HITなどの凝固関連合併症
加納 誠士

デバイススタック（GW、Balloon、IVUSなど）、ステント脱落
吉田 雅言

Rotablator・Diamondbackによる合併症
滝澤 要

DCAの合併症
武田 吉弘

冠動脈穿孔、冠動脈解離
藤本 善英

CTO PCIの合併症、対策
山田 寿太郎

Fireside Session

Japanese only

18:10-19:40 **Smart PREP**

<18:10-18:55> **アテレクトミーを極める
～Volume Reduction～**

座長
中村 茂

コメンテーター
水谷 一輝

演者
Calcified plaque reduction with large burrs can dilate vessels without malignant dissection
小林 智子

石灰化Volume Reductionの必要性を感じられた一例
柴田 浩遵（大阪府済生会中津病院）

<18:55-19:40> **WOLVERINEの新たな選択肢～
6mmWOLVERINEの最新活用術**

座長
木下 順久

演者
The short cutting balloon "advantages and considerations"
北川 勝英（金沢循環器病院）

Why not use Wolverine? - The efficacy of shorter wolverine -
小堀 裕一

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

Scientific Program



8:30-10:00 **知っておくためになるPCI治療における
手技のTips**

座長

山口 淳一
八巻 多

演者

ガイディングカテーテル操作が有効なテクニック
吉町 文暢

分岐部病変での有効なテクニックと有用なテクニ
ック

明上 卓也

回旋枝入口部病変に対するPCIのTips

木谷 俊介

CTOでのワイヤー通過のためのTips

石原 昭三

Scientific Program



10:30-12:30 **難渋するACS症例にどう立ち向かうのか**

座長

岡山 英樹
田中 裕之

コメンテーター

上原 裕規
鈴木 頼快
松岡 俊三
森田 孝

演者

D2B短縮のために
近江 晃樹

石灰化病変への対応

岡 俊治

血栓病変への対応

瀧井 暢

多枝疾患への対応

稲永 慶太

各種補助循環の選択

細川 雄亮

Scientific Program



14:00-15:50 **LMT PCI**

座長

武田 吉弘
樽谷 康弘

演者

LMT PCIの最新エビデンス
山田 慎一郎

LMT病変の適切な機能的評価法

菊田 雄悦

LMT PCIにおけるイメージング活用法

吉田 路加

LMT分岐部病変に対する至適ステント留置法

樽谷 康弘

高度石灰化を有するLMT病変の治療

福原 怜

LMT病変におけるDCAの有用性

櫻井 将之

Scientific Program



16:00-17:30 **Calcified Lesions**

座長

鹿島 由史
小林 智子

コメンテーター

道明 武範
辻田 裕昭
臼井 公人
山崎 誠治

演者

石灰化の成り立ちと治療後反応
中澤 学

石灰化病変治療におけるCT活用術

奥津 匡暁

エキスパートから学ぶablation (Rotablator & OAS)

坂倉 建一

石灰化病変に対するDCAの可能性と有効性

平瀬 裕章

Lithoplastyの原理と治療効果

田中 稷

Room 6

Joint Session

Japanese
only

16:00-18:00 **J-WING@CCT PCIに役立つEVTテクニック**

座長

車谷 容子

円谷 斉子

飛田 一樹

コメンテーター

浅田 哲史

岩田 曜

仲間 達也

佐宗 真由美

鈴木 理穂

田中 美穂

田中 綾紀子

演者

症例1

佐宗 真由美

症例2

鈴木 理穂

症例3

田中 綾紀子

抑えておいて欲しい！トラブル回避のためのEVT
の基礎知識

仲間 達也

Room 7

Live Case Transmission

LIVE (J) (中)

14:30-17:00 **Chinese Perspectives on Live Case
Transmissions 1**

座長

許 永勝

Jianfang Luo

コメンテーター

柴田 義久

長谷川 勝之

Guosheng Fu

Jianying Ma

Xinhua Wu

Yuchen Zhang

共催：キヤノンメディカルシステムズ株式会社

Friday, October 28

Main Theater I

Morning Session



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

Chairs

Hiromasa Katoh, Yuji Oikawa

Discussers

Michiya Kageyama, Yasuaki Koga, Hiroyuki Kunii, Koshi Matsuo

PCI Live Case Transmission



Sakurabashi Watanabe Hospital

Operators

Rei Fukuhara, Katsuyuki Hasegawa, Wataru Nagamatsu, Atsunori Okamura, Ryohei Yoshikawa

Imaging Commentators

Masato Ishikawa, Shinjo Sonoda

8:30-10:30 Sakurabashi Live 1

Chairs

Tomoko Kobayashi, Yuji Oikawa, Ben He

Supervisor

Satoru Otsuji

Commentators

Junya Ako, Jianfang Luo, Takuya Myojo, Koichi Tamita, Kengo Tanabe, Hiroki Uehara

10:30-12:20 Sakurabashi Live 2

Chairs

Yoshihisa Kinoshita, Yuji Oikawa, Kenichiro Shimoji

Commentators

Myeong-Ki Hong, Takashi Matsukage, Makoto Muto, Hiroshi Ohta, Jie Qian, Masahiro Yamawaki

Special Focus Live

The Efficacy of Xience Stent in Complex PCI
Koki Shishido

(Shonan Kamakura General Hospital, Japan)

Co-sponsored by

Abbott Medical Japan LLC

14:00-16:00 Sakurabashi Live 3

Chairs

Takeshi Niizeki, Yoshiaki Ito, Teguh Santoso

Supervisor

Keiichi Igarashi Hanaoka

Commentators

Tetsuya Amano, Sang Wook Kim, Shoichi Kuramitsu, Yuichiro Maekawa, Yoshiaki Mibiki, Masaaki Okutsu, Bin Zhang

16:00-18:00 Sakurabashi Live 4

Chairs

Yasumi Igarashi, Masashi Kimura, Antonio Colombo

Supervisor

Takahiko Suzuki

Commentators

Kiyoshi Hibi, Shingo Hosogi, Hideki Ishii, Adrian F. Low, Fumiyuki Otsuka, Yoshinori Shimooka, Hongbing Yan

Mini Lecture

Clinical outcome of Resolute Onyx 2.0 mm, the smallest diameter zotarolimus-eluting stent in our center

Masaki Tanabe

Co-sponsored by

Medtronic Japan Co., Ltd.

Fireside Session

Japanese only

18:10-18:55

See p. 29

Co-sponsored by

Boston Scientific Japan K. K.

Main Theater II

PCI Live Case Transmission



Toyohashi Heart Center

Operators

Maoto Habara, Ichiro Hamanaka,
Yoshifumi Kashima, Shunsuke Matsuno,
Kenya Nasu

Imaging Commentators

Shunsuke Kitani, Tomohiko Teramoto

8:30-10:30 Toyohashi Live 2

Chairs

Kaoru Iwabuchi, Takafumi Tsuji, Yuichi Kobori,
Hun Sik Park

Commentators

Takayuki Ishihara, Yuetsu Kikuta, Takahide Kodama,
Katsuhiko Masamura, Haeng Nam Park,
Takahide Suzuki

Special Focus Live

Co-sponsored by
NIPRO CORPORATION

10:30-12:20 Toyohashi Live 3

Chairs

Hiroyuki Tanaka, Tomohiro Kawasaki,
Yoshihiro Morino, Tae-hoon Ahn

Commentators

Cheng-I Cheng, Joo-Yong Hahn, Shozo Ishihara,
Hiroyuki Kuni, Masanori Teramura,
Cheng-Chun Wei

Special Focus Live

Co-sponsored by
OrbusNeich Medical K.K.

Luncheon Seminar



12:45-13:45

See p. 29

Co-sponsored by
Boston Scientific Japan K. K.

14:00-16:00 Toyohashi Live 4

Chairs

Yuji Hamazaki, Hiromasa Katoh, Gerald S. Werner

Supervisor

Yasushi Asakura

Commentators

Takenori Domei, Ryuichi Funada, Chi-Hung Huang,
Michiya Kageyama, Hiroto Kano, Takehiro Yamashita,
Kazuhiko Yumoto

Special Focus Live

Is 1-month DAPT appropriate for all patients with
BP-DES? ~Insight from the interim analysis of the
REIWA registry~

Masaru Ishida (Iwate Medical University, Japan)

Co-sponsored by
TERUMO Corporation

16:00-18:00 Toyohashi Live 5

Chairs

Masahisa Yamane, Junji Yajima, Junichi Yamaguchi,
Andrea Gagnor

Commentators

Souichirou Ebisawa, Pravin K. Goel, Tairo Kurita,
Yasuhiro Nakano, Teguh Santoso,
Yasuhiro Tarutani

Special Focus Live

Co-sponsored by
ASAHI INTECC CO., LTD.

Fireside Session



18:10-19:40

See p. 29

Co-sponsored by
Abbott Medical Japan LLC

Room 3

International Joint Session

IT Live

8:30-10:30 **APCTO@CCT2022: Safety of CTO PCI –Live case from Liverpool and Wellington**

Operators

Scott Andrew Harding, Sidney Tsz Ho Lo

Chairs

Emmanouil Brilakis, Paul Hsien-Li Kao, Soo Teik Lim, Wataru Nagamatsu

Panelists

Jiyan Chen, Michiya Kageyama, Arun Kalyanasundaram, Hiromasa Katoh, Hiroaki Matsuda, Shunsuke Matsuno, Takeshi Niizeki, Jie Qian, Kenichiro Shimoji, Eugene Brian Wu

Case Competition

10:30-11:20 **Chronic Total Occlusion 2**

Chairs

Hee-Yeol Kim, Koshi Matsuo

Judges

Jiro Ando, Yew Seong Goh, Haeng Nam Park, Sudhir Rathore, Masaki Tanabe, Kensuke Yokoi

Presenters

High Risk Complex SVG to LAD GRAFT CTO
Mohan Mani (Kovai Medical Center and Hospital, India)

Reconsidering radiation-dose reduction from a CTO-PCI case for severely obese patient

Keisuke Nakabayashi
(Kasukabe Chuo General Hospital, Japan)

Zero-iodinated contrast PCI for LAD-CTO in patient with severe anaphylaxis to iodinated contrast

Takuma Tsuda (Nagoya Ekisaikai Hospital, Japan)

Recurrent in-stent restenotic chronic total occlusion (ISR-CTO) of left circumflex artery (LCx) which was previously de novo CTO treated with 1st-generation drug-eluting stent (DES)

Jung Rae Cho (Kangnam Sacred Heart Hospital, Hallym University College of Medicine, Korea)

PCI for left main CTO lesion complicated with intractable heart failure and renal failure after bowel resection for SMA thrombosis

Jang-Whan Bae
(Chungbuk National University Hospital, Korea)

11:30-12:20 **Chronic Total Occlusion 3**

Chairs

Wen-Lieng Lee, Masaaki Okutsu

Judges

Hidetoshi Abe, Chee Yang Chin, Yong Huo, Yuichi Kobori, Mitsunori Mutou, Hiroaki Tsujita

Presenters

Novel approach for recanalization – Creation of neo ostia of RCA via retrograde septal collaterals for calcified proximal RCA CTO

Mukesh Jha (Promed Hospital, India)

A case of RCA ostium CTO

Kazuho Kamishima (Kosei Hospital, Japan)

IVUS-guided 3D-wiring with Gaia Next to cross severely collapsed occluded lesion in the case of long LAD CTO with little retrograde option

Yuta Imai (Saiseikai Shiga Prefecture Hospital, Japan)

Successful Retrograde Approach for Ostial RCA CTO

Takushi Sugiyama
(Dokkyo Medical University Nikko Medical Center, Japan)

Luncheon Seminar

Japanese only

12:45-13:45

📄 See p. 30

Co-sponsored by
OrbusNeich Medical K.K.

Case Competition

14:00-15:20 **Complication/Bailout 2**

Chairs

Yoshihide Fujimoto, Tomohiro Kawasaki

Judges

*Ren Kawaguchi, Kenji Kawajiri, Nehiro Kuriyama,
Weimin Li, Satoru Tohara, Seiji Yamazaki,
Young Won Yoon*

Presenters

LAD dissection in primary PCI

Po-Hsueh Su

(National Cheng Kung University Hospital, Taiwan, R.O.C.)

A case of iatrogenic fistulation between coronary artery and coronary vein during PCI

Masaomi Gohbara

(Yokohama City University Medical Center, Japan)

Stent dislodgement at left main to proximal circumflex branch of left coronary artery

Yi Pan Li

(National Cheng Kung University Hospital, Taiwan, R.O.C.)

Time is the answer

Heng Shee Kim (Okamura Memorial Hospital, Japan)

When I Overlook Some Previous Mistakes

Wongsaput Boonyakiatwattana

(Chulabhorn Hospital, Thailand)

Successful Bail-Out Stenting for Iatrogenic Right Coronary Artery (RCA) Dissection

Nobuhito Yagi (Okinawa Chubu Hospital, Japan)

Successful retrieval of a stripped stent by orbital atherectomy system

Mina Yamashita

(Ehime Prefectural Central Hospital, Japan)

Catheter induced coronary ostial dissection at the ostium of RCA

Chorchana Wichian (Suratthani Hospital, Thailand)

Coffee Break Session

15:45-16:15

See p. 30

Co-sponsored by
OrbusNeich Medical K.K.

Japanese only

Symposium

16:30-18:00

See p. 30

Co-sponsored by
YES Foundation/ASAHI INTECC CO., LTD.

Japanese only

Room 4

Fellow Course



8:30-10:30 **CTO**

Chairs

Katsuyuki Hasegawa, Masaharu Okada

Lecturers

Indication of CTO-PCI

Souichirou Ebisawa

Preoperative analysis for CTO-PCI

Hirooki Higami

Wire selection and manipulation of antegrade approach in CTO-PCI

Tairo Kurita

Optimal timing of retrograde approach in CTO-PCI

Masanori Teramura

Interventional collaterals - how to select and deselect ? -

Hiroyuki Nagai

Basic Reverse CART

Ryuichi Funada

Application of the Reverse CART technique

Masataka Yoshinaga

Complication of the CTO-PCI and coping

Masaki Fujita

10:30-12:30 **Physiology**

Chairs

Shoichi Kuramitsu, Nobuhiro Tanaka

Lecturers

Comparison of fractional flow reserve (FFR) and Non-hyperemic pressure ratio (NHPR) to guide percutaneous coronary intervention

Hidenobu Terai

PCI optimization with physiology

Yoshiaki Kawase

What is coronary microvascular dysfunction?

Tadashi Murai

Coronary microvascular dysfunction: Potential diagnostic methods and treatment strategies

Takayuki Warisawa

Current concept of IVUS/OCT-derived virtual FFR

Fumiyasu Seike

Current status and future perspective of angio-derived FFR

Yasutsugu Shiono

Luncheon Seminar



12:45-13:45

Chair
Yuji Oikawa

Lecturers
New strategy for ACS ~Ultra BAR~
Takuma Tsuda

BTS ~BioFreedom ultra Treatment Strategies~
Kaname Takizawa

Optimizing outcomes in Complex patients using
Biofreedom Ultra
Bryan Yan

Co-sponsored by
Kaneka Medix Corporation

CCT Live Playback Session



14:00-15:30 **Session 1: The Cardiovascular Institute**

Master
Tomoko Kobayashi, Yuji Oikawa

Moderator
Takafumi Tsuji

Commentators
Yasuaki Koga, Ryuichi Matsukawa, Hideki Okayama,
Hiroshi Ohta, Masayuki Sakurai, Teppei Sugaya,
Masaki Tanabe

Coffee Break Session



15:45-16:15 **Dawn of 4th generation - Latest DES
Orsiro Mission -**

See p. 31

Co-sponsored by
BIOTRONIK Japan, Inc.

Symposium



16:30-18:00 **DCB Summit**

See p. 31

Co-sponsored by
NIPRO CORPORATION

Room 5

Scientific Program



8:30-10:00 **Clinical IVUS course**

Chairs
Kazuhiro Ashida, Yoshiaki Ito

Lecturers
IVUS guided wiring for CTO PCI
Shozo Ishihara

IVUS guide wiring for CTO : How to perform 3D
wiring (including tip detection method) by IVUS
Yoshiaki Ito

How to treat with DCA Including IVUS readings
Masayuki Sakurai

Utilization in preparation for calcified lesion;
differences from OCT and suggestions for RA/OAS
use
Teppei Sugaya

10:30-12:00 **Management for Complication**

Chairs
Ichiro Hamanaka, Feng Yu Kuo, Cheng-Chun Wei

Lecturers
How to manage "device stuck"
Yoshiaki Mibiki

How to manage "vessel perforation"
Kenji Kawajiri

How to manage "dissection, hematoma"
Akira Nakano

How to manage "slow flow, no flow"
Ryoji Nagoshi

14:00-15:30 **DCA**

Chairs
Takeshi Niizeki, Yuji Oikawa

Video Live Part1 Theme : DCA by TRA

Operator
Kenichiro Shimoji

Discussers
Hiroto Kano, Hiroyuki Kunii, Noriko Makiguchi,
Masatsugu Nozoe

**Video Live Part2 Theme : DCA using tip
detection**

Operator
Toru Kataoka

Discussers
Kazuki Mizutani, Yuya Nakagawa,
Hideo Takebayashi, Tamon Yamanaka

16:00-17:30 **Antegrade CTO-PCI**

Chairs

Yoshifumi Kashima, Takafumi Tsuji

Lecturers

Why now do we need to reconsider the antegrade CTO-PCI?

Maoto Habara

What has made the antegrade wire crossing unreliable and irreproducible?

Seiji Kano

How to determine appropriate perpendicular views in clinical practice?

Katsuyuki Hasegawa

Concept and rationale of the penetration plane method

Shunsuke Matsuno

Concept of novel IVUS guidance for more reliable antegrade wire crossing

Kenya Nasu

Room 6

Joint Session

Japanese only

8:30-10:30 **Slender Club @ CCT**

📄 See p.33

Joint Session

Japanese only

10:30-12:00 **Bifurcation Club @ CCT: Left main bifurcation intervention**

📄 See p. 33

International Joint Session

14:00-16:00 **IJCTO@CCT2022**

Chairs

Kenya Nasu, V. Surya Prakasa Rao

Commentators

Atsushi Funatsu, Tairo Kurita, Hanumanth Reddy, Priyen Kantilal Shah, Gautham Swaroop, Masataka Yoshinaga

Live in Box

Presenters

Long segment, calcific CTO - Gladius assisted externalisation
V. Surya Prakasa Rao

Zero contrast retrograde CTO-PCI
Natarajapillai Prathap Kumar

Challenging Case Presentations

Post CABGS CTO-PCI unusual complications
P LN Kapardhi

Parallel wire technique for antegrade recanalization of LAD CTO with poor contralateral retrograde collaterals
A.V. Ganesh Kumar

Ambiguous cap, long segment, calcific CTO - different antegrade strategies
V Sujatha

Role of rotablation in balloon uncrossable CTO lesion
Rajesh Vijayvergia

A novel technique for treating balloon uncrossable long segment ISR CTO of dominant LCX with excimer laser and DCB under imaging guidance
Damodharan

The challenges in retrograde CTO. Every case is unique
Pravin K. Goel

CTO with ambiguous proximal cap
Sanjeeb Roy

Case Presentation
Seiji Kano

Case Presentation
Masataka Yoshinaga

Case Presentation
Yoshinori Shimooka

Closing Presenter

Discussion and Remarks
Kenya Nasu
V. Surya Prakasa Rao

Joint Session

16:00-18:00 **POP@CCT Future direction of Physiology and Imaging**

See p. 33

Japanese only

Room 7

Sponsored Session



9:30-10:30 **Secure and efficient management of complex PCI**

Chairs

Eisho Kyo, Tao Hu, Jian Liu

Commentators

Yong Chen, Lijian Gao, Jingbo Hou, Jun Jiang, Shao-Chi Yang, Junqing Yang, Chang Lin Zhai

Opening Presenters

Eisho Kyo, Tao Hu, Jian Liu

Lecturers

Product Introduction (KDLC+Thrombuster II)
Yu Wang (KANEKA CORPORATION)

KDL assisted parallel wire technique in a RCA CTO case
Yong Chen

Acute myocardial infarction treatment under ECMO
Chang Lin Zhai

Closing Presenters

Eisho Kyo, Tao Hu, Jian Liu

Co-sponsored by
KANEKA CORPORATION

Live Case Transmission



10:30-12:00 **Chinese Perspectives on Live Case Transmissions 2**

Chairs

Eisho Kyo, Tao Hu, Jian Liu

Commentators

Kohei Asada, Yong Chen, Lijian Gao, Jingbo Hou, Jun Jiang, Yasuhiro Nakano, Masaharu Okada, Junqing Yang, Shao-Chi Yang, Chang Lin Zhai

Co-sponsored by
KANEKA CORPORATION

Sponsored Session



14:00-14:40 **Conquer the Complex with same core weapons, from Zizai to HighTrack**

Chairs

Eisho Kyo, Likun Ma

Commentator

Chunguang Feng, Rei Fukuhara, Junqing Yang

Lecturers

Zizai Experience in Japan
Takayuki Ishihara

High Track Experience in China
Zheng Wu

Co-sponsored by
TERUMO Corporation

Live Case Transmission



14:40-16:00 Chinese Perspectives on Live Case Transmissions 3

Chairs

Eisho Kyo, Ning Guo

Commentators

*Hiroshi Fujita, Rei Fukuhara, Xinqun Hu,
Takayuki Ishihara, Naiquan Yang*

Co-sponsored by
TERUMO Corporation

16:00-18:00 Chinese Perspectives on Live Case Transmissions 4

Chairs

Eisho Kyo, Jiyan Chen

Commentators

*Shinya Fujita, Lei Ge, Zening Jin, Jianfang Luo,
Tsuyoshi Oda, Takafumi Tsuji*

Mini Lecturer

*From Daily Use to Complex Cases – ASAHI Caravel
Lei Ge*

Co-sponsored by
ASAHI INTECC CO., LTD.

Friday, October 28

Main Theater I

Morning Session

7:30-8:20 **ライブ症例術前検討会**

座長
及川 裕二
加藤 大雅

ディスカッサー
景山 倫也
國井 浩行
古閑 靖章
松尾 浩志

Fireside Session

18:10-18:55 **Smart PREP | 新たなエビデンスを活用した石灰化治療イメージング**

座長
藤田 勉 (札幌心臓血管クリニック)

コメンテーター
久米 輝善

演者
高度石灰化病変のLesion Preparationにおいて
Atherectomyが与える影響をOCTから読み解く
江守 裕紀 (宮崎市医師会病院)

What Kind of Calcification is Wolverine Effective for?
石原 隆行

共催: ポストン・サイエンティフィック ジャパン株式会社

Main Theater II

Luncheon Seminar

12:45-13:45 **Smart PREP | ~より良い予後の実現に向けたLesion Preparationの重要性~**

座長
上妻 謙
村松 崇 (藤田医科大学)

演者
Imaging Based Calcium Treatment
~Rota cutによるVolume Reductionの重要性~
村松 崇 (藤田医科大学)

DCBの効果を十分得るための重要ポイント
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

Fireside Session

18:10-19:40 **CMD診断最前線 より適正な心疾患治療に向けて ~包括的機能診断をどう組み込むか~**

座長
寺井 英伸
横井 宏佳

コメンテーター
岩間 眞 (岐阜県総合医療センター)
蔵満 昭一
諏訪 哲 (順天堂大学医学部附属静岡病院)
武田 輝規 (湖東記念病院)
田邊 健吾
寺村 真範

演者
水上 拓也 (昭和大学)
割澤 高行

共催: アボットメディカルジャパン合同会社

Friday, October 28

Room 3

Luncheon Seminar

Japanese
only

12:45-13:45 **Combo Plusのポテンシャル
〈臨床と研究から〉**

座長
矢嶋 純二

演者
COMBO Plusの強みを生かしたPCI戦略
茂木 聡 (浜松医科大学)

COMBO Plus の Healing ～ Collaboration 2
Study から ～
中村 大輔

共催：オーバースネイチメディカル株式会社

Coffee Break Session

Japanese
only

15:45-16:15 **An innovative new generation scoring
device**

座長
土井 正行 (香川県立中央病院)

演者
Scoreflex TRIOがもたらすLesion Preparation
の多様性
津田 卓真 (名古屋掖済会病院)

共催：オーバースネイチメディカル株式会社

Symposium

Japanese
only

16:30-18:00 **Virtual RealityでPCIを変える：PCIのミ
ライ、VRとトモに。**

座長
土金 悦夫

VR モデレーター
樋上 裕起

Keynote Lecturer
PCIにおけるガイディングカテーテル同軸性の
重要性についての検証
松田 洋彰

演者
GCエンゲージが極めて困難なRCA
良永 真隆

GCを熱変形でアレンジしたRCA CTO
齊藤 大樹 (岩手県立中央病院)

Evolute R留置後アプローチ不能だったLCA
松田 洋彰

実演！VRによるガイディングカテーテル選択
樋上 裕起

ディスカッション VRを使ったPCI - 将来の展
望

共催：YES Foundation/朝日インテック株式会社

Room 4

Fellow Course



8:30-10:30 **CTO**

座長
岡田 正治
長谷川 勝之

演者
CTO-PCI の目的と適応
海老澤 聡一朗

CTO-PCI 必要な術前検査と、ストラテジー構築の
仕方
樋上 裕起

アンテグレートアプローチでのワイヤー選択・操
作法
栗田 泰郎

レトログレートアプローチへの移行タイミングは
寺村 真範

コラテラルチャンネルの選択とその通過方法
永井 宏幸

Reverse CART法の基礎（一般的な症例）
船田 竜一

Reverse CART法の応用（特殊な症例）
良永 真隆

CTO-PCI の合併症 その予防と対処法
藤田 雅樹

10:30-12:30 **Physiology**

座長
蔵満 昭一
田中 信大

演者
FFRとNHPRの不一致症例を理解しよう！
寺井 英伸

PhysiologyでPCIを最適化しよう！
川瀬 世史明

微小循環障害って何？
村井 典史

微小循環障害をどうやって診断し、治療するの？
割澤 高行

IVUSとOCTからFFRを出せる！?
清家 史靖

Angio-derived FFRの現在と未来
塩野 泰紹

Luncheon Seminar



12:45-13:45 **新たなDCS『BioFreedom Ultra』に期待するもの**

座長

及川 裕二

演者

New strategy for ACS ～Ultra BAR～

津田 卓真（名古屋掖済会病院）

BTS ～BioFreedom ultra Treatment Strategies～

滝澤 要

Optimizing outcomes in Complex patients using Biofreedom Ultra

Bryan Yan

共催：株式会社カネカメディックス

CCT Live Playback Session



14:00-15:30 **Session 1: 心臓血管研究所附属病院**

マスター

及川 裕二

小林 智子

司会

辻 貴史

コメンテーター

太田 洋

岡山 英樹

古閑 靖章

櫻井 将之

管家 鉄平

田辺 正喜

松川 龍一

Coffee Break Session



15:45-16:15 **Dawn of 4th generation ～Latest DES Orsiro Mission～**

座長

森野 禎浩

塩出 宣雄（広島市民病院）

演者

当院の臨床経験から紐解く新世代ステント Orsiro Missionの可能性

松田 洋彰

Orsiro Missionがもたらす変革をエビデンスの観点から紐解く

田邊 健吾

共催：バイオエレクトロニクスジャパン株式会社

Symposium



16:30-18:00 **DCB Summit**

座長

足利 貴志（武蔵野赤十字病院）

上妻 謙

演者

How to DCB in STEMI - What's the rationale behind the scene?

嶋田 芳久

Impact of post physiological assessment after treatment for de novo coronary lesions using drug-coated balloons

山本 哲也（神戸大学医学部附属病院）

DCBの有用性 ～当院データを踏まえて～

生田 旭宏（倉敷中央病院）

共催：ニプロ株式会社

Room 5

Scientific Program



8:30-10:00 Clinical IVUS course

座長
芦田 和博
伊藤 良明

演者
CTO病変に対するIVUSガイドwiring(1); CTO
entry・bodyでの使い方・工夫
石原 昭三

CTO病変に対するIVUSガイドwiring(2); 3D wiring
based on IVUS (tip direction method)
伊藤 良明

DCAでの活用; plaque分布の読影、angioとの対
比、削り方へのsugesstion (注意点)
櫻井 将之

石灰化preparationでの活用; OCTとの相違、RA/
OAS使用へのsuggestion
管家 鉄平

10:30-12:00 Management for Complication

座長
浜中 一郎
Feng Yu Kuo
Cheng-Chun Wei

演者
How to manage "device stuck"
三引 義明

How to manage "vessel perforation"
川尻 健司

How to manage "dissection, hematoma"
中野 顯

How to manage "slow flow, no flow"
名越 良治

14:00-15:30 DCA

座長
及川 裕二
新関 武史

ビデオライブ第1部 テーマ: DCA by TRA

オペレーター
下地 顕一郎

ディスカッサー
嘉納 寛人
國井 浩行
野副 純世
牧口 展子

ビデオライブ第2部 テーマ: チップ ディテクションを用いたDCA

オペレーター
片岡 亨

ディスカッサー
竹林 秀雄
中川 裕也
水谷 一輝
山中 多聞

16:00-17:30 Antegrade CTO-PCI

座長
鹿島 由史
辻 貴史

演者
Why now do we need to reconsider the antegrade
CTO-PCI?
羽原 真人

What has made the antegrade wire crossing
unreliable and irreproducible?
加納 誠士

How to determine appropriate perpendicular views
in clinical practice?
長谷川 勝之

Concept and rationale of the penetration plane
method
松野 俊介

Concept of novel IVUS guidance for more reliable
antegrade wire crossing
那須 賢哉

Room 6

Joint Session

8:30-10:30 **Slender Club @ CCT**

Case1

座長
加治屋 崇
園田 信成

コメンテーター
池本 智一
鈴木 孝英
高川 芳勲
唐原 悟
中澤 学

プレゼンター
松陰 崇

Case2

座長
笠井 智司
上妻 謙

コメンテーター
奥津 匡暁
木下 法之
三引 義明
山田 慎一郎
横井 研介

プレゼンター
舩谷 元丸

Case3

座長
櫻井 馨
野崎 洋一

コメンテーター
坂倉 建一
辻田 賢一
寺井 英伸
土井尻 達紀
牧口 展子

プレゼンター
高橋 玲比古

Case4

座長
安東 治郎
加藤 隆一

コメンテーター
小山 豊
谷口 法正
保屋野 真
正村 克彦
山中 多聞

プレゼンター
吉町 文暢

Joint Session

Japanese only

10:30-12:00 **Bifurcation Club @ CCT: Left main bifurcation intervention**

座長
志手 淳也
挽地 裕

パネリスト
名越 良治
中村 淳
山脇 理弘

演者
PCI vs. CABG (CABGと比較し、LM PCIの適応、エビデンス、ガイドラインを紹介)
高木 健督

Imagingの重要性 (LM PCIにおけるIVUS、OCTのエビデンスをReview)
岡村 誉之

POTの意義 (POTの意義と適切方法を解説)
村里 嘉信

LCX treatmentの判断 (LM PCIで、2-stentを考慮すべき病態、LCX Openingの適応と工夫)
久米 輝善

ACSでの対処 (ACSでの治療は、特殊。MCSの有用性も含め、Review)
沼澤 洋平

Joint Session

Japanese only

16:00-18:00 **POP@CCT Future direction of Physiology and Imaging**

座長
園田 信成
松尾 仁司

演者
Ischemia試験後の安定狭心症治療を考える
齋藤 佑一

日本発のエビデンス JCONFIRMからのメッセージ
蔵満 昭一

微小循環障害評価がなぜ重要か？
川瀬 世史明

CTによる虚血性心疾患リスク評価の将来
大竹 寛雅

カテーテル検査室内での虚血評価の将来
谷垣 徹

Room 7

Sponsored Session



9:30-10:30 **Secure and efficient management of complex PCI**

座長

許 永勝
Tao Hu
Jian Liu

コメンテーター

Yong Chen
Lijian Gao
Jingbo Hou
Jun Jiang
Shao-Chi Yang
Junqing Yang
Chang Lin Zhai

オープニング

許 永勝
Tao Hu
Jian Liu

演者

KDLC+スロンⅡ
Yu Wang (カネカ株式会社)

KDL assisted parallel wire technique in a RCA CTO case
Yong Chen

Acute myocardial infarction treatment under ECMO
Chang Lin Zhai

クロージング

許 永勝
Tao Hu
Jian Liu

共催：株式会社カネカ

Live Case Transmission



10:30-12:00 **Chinese Perspectives on Live Case Transmissions 2**

座長

許 永勝
Tao Hu
Jian Liu

コメンテーター

浅田 紘平
岡田 正治
仲野 泰啓
Yong Chen
Lijian Gao
Jingbo Hou
Jun Jiang
Junqing Yang
Shao-Chi Yang
Chang Lin Zhai

共催：株式会社カネカ

Sponsored Session



14:00-14:40 **異曲同工 — From Zizai to HighTrack**

座長

許 永勝
Likun Ma

コメンテーター

福原 怜
Chunguang Feng
Junqing Yang

演者

Zizai Experience in Japan
石原 隆行

High Track Experience in China
Zheng Wu

共催：テルモ株式会社

Live Case Transmission



14:40-16:00 **Chinese Perspectives on Live Case Transmissions 3**

座長

許 永勝
Ning Guo

コメンテーター

石原 隆行
福原 怜
藤田 浩志
Xinqun Hu
Naiquan Yang

共催：テルモ株式会社

16:00-18:00 **Chinese Perspectives on Live Case Transmissions 4**

座長

許 永勝
Jiyan Chen

コメンテーター

小田 強
辻 貴史
藤田 真也
Lei Ge
Zening Jin
Jianfang Luo

ミニレクチャー

From Daily Use to Complex Cases – ASAHI Caravel
Lei Ge

共催：朝日インテック株式会社

Saturday, October 29

Main Theater I

Morning Session

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

Chairs

Ken Ishibashi, Shunsuke Matsuno

Discussers

Shintaro Akashi, Takayuki Ishihara,
Kazumasa Kurogi, Takahide Suzuki

PCI Live Case Transmission

Ootakanomori Hospital

Operators

Yuji Hamazaki, Kenichi Sakakura,
Masayuki Sakurai, Kenichiro Shimoji

Imaging Commentators

Kiyoshi Hibi, Mitsunori Mutou

8:30-10:30 Ootakanomori Live 1

Chairs

Hiromasa Katoh, Satoru Sumitsutji, Lei Ge

Supervisor

Masahisa Yamane

Commentators

Rajesh M. Dave, Daisuke Fukamachi,
Mamoru Nanasato, Takeshi Serikawa,
Kenichi Tsujita

Special Focus Live

Efficacy of GUIDE PLUS® 5F

Kota Tanaka (Sakurabashi Watanabe Hospital, Japan)

Co-sponsored by
NIPRO CORPORATION

10:30-12:20 Ootakanomori Live 2

Chairs

Kenya Nasu, Masaru Yamaki, V. Surya Prakasa Rao

Commentators

Hiroaki Hirase, Takashi Kajiya, Soo Teik Lim,
Hiroyuki Nagai, Kenji Sadamatsu, Ruka Yoshida

Luncheon Seminar

12:45-13:45

See p. 41

Co-sponsored by
Abbott Medical Japan LLC

PCI Live Case Transmission

LIVE E J

14:00-15:30 Ootakanomori Live 3

Chairs

Kazuhiro Ashida, Maoto Habara, Yoichi Nozaki,
Hyo-Soo Kim

Commentators

Yoshihide Fujimoto, Feng Yu Kuo, Kimihito Usui,
Aaron Wong, Ryusuke Yamamoto

15:30-17:00 Ootakanomori Live 4

Chairs

Yasumi Igarashi, Ichiro Hamanaka,
Georgios Sianos

Supervisor

Eisho Kyo

Commentators

Weimin Li, Hideki Nagaoka, Hisayuki Okada,
Natarajapillai Prathap Kumar, Yoriyasu Suzuki,
Fuminobu Yoshimachi

Main Theater II

PCI Live Case Transmission



Kyoto Katsura Hospital

Operators

Toru Kataoka, Tomohiro Kawasaki,
Tomoko Kobayashi, Shigeru Nakamura,
Hiroyuki Tanaka

Imaging Commentators

Katsuyuki Hasegawa, Hiromasa Otake

8:30-10:30 Kyoto Katsura Live 1

Chairs

Junji Yajima, Yoshifumi Kashima, Sidney Tsz Ho Lo

Commentators

Aloke Finn, Yusuke Hosokawa, Raisuke Iijima,
Kazuyoshi Kaneko, Po-Ming Ku, Satoru Tohara

10:30-12:20 Kyoto Katsura Live 2

Chairs

Ken Ishibashi, Takafumi Tsuji, Shinichiro Yamada,
Myeong-Ki Hong

Commentators

Shinya Fujita, I-Chang Hsieh, Shunsuke Kitani,
Kazumasa Kurogi, Shinichi Nakamura,
Tomohiko Teramoto

Mini Lecture

New concept of high penetration wires
~ASAHI Gaia Next 4 & ASAHI Conquest Pro 12
ST~
Wataru Nagamatsu

Co-sponsored by
ASAHI INTECC CO., LTD.

Luncheon Seminar

Japanese
only

12:45-13:45

See p. 41

Co-sponsored by
Medtronic Japan Co., Ltd.

PCI Live Case Transmission



14:00-15:30 Kyoto Katsura Live 3

Chairs

Shunsuke Matsuno, Ryohei Yoshikawa,
Ken Kozuma

Commentators

Fumitaka Hosaka, Hiroto Kano, Yue Li,
Kotaro Obunai, Yutaka Tanaka, Masatoshi Yoshida

Special Focus Live

Co-sponsored by
MEDIKIT CO., LTD.

15:30-17:00 Kyoto Katsura Live 4

Chairs

Atsunori Okamura, Gaku Nakazawa,
Scott Andrew Harding

Supervisor

Satoru Otsuji

Commentators

Hideo Amano, Roberto Garbo, Nehiro Kuriyama,
Sundeep Mishra, Yohei Numasawa,
Takeshi Suzuki, Khalid Tammam

Mini Lecture

A new treatment option for calcified lesion
Gaku Nakazawa

Room 3

International Joint Session

8:30-10:30 Taiwan CTO Club@CCT2022

<8:30-9:30> Section 1: CTO with distal diffuse disease small vessel

Chairs

Chi-Jen Chang, Ichiro Hamanaka,
Chien-Ming Huang, Wen-Lieng Lee, Kenya Nasu

Commentators

Shih-Sheng Chang, Hirooki Higami,
Jung-Cheng Hsu, Cheng-Han Li, Jun-Ting Liou,
Yasuhiro Nakano, Yoshihisa Shimada,
Cheng-Ting Tsai

Speakers

Opening
Wen-Lieng Lee

Case Presentation
Yu-Cheng Kao

Case Presentation
Shunsuke Matsuno

Closing
Kenya Nasu

<9:30-10:30> Section 2: Post CABG CTO

Chairs

Ching-Chang Fang, I-Chang Hsieh, Tse-Min Lu,
Yuji Oikawa, Takafumi Tsuji

Commentators

Chi-Hung Huang, Ching-Chang Huang,
Shao-Sung Huang, Yuichi Kobori, Feng Yu Kuo,
Jiunn-Cherng Lin, Koshi Matsuo,
Ryusuke Yamamoto

Speakers

Opening
Takafumi Tsuji

Case Presentation
Maoto Habara

Case Presentation
Chun-Wei Lee

Closing
I-Chang Hsieh

International Joint Session

10:30-12:30 APCTO Young Session@CCT2022

Chairs

Scott Andrew Harding, Kambis Mashayekhi,
Wataru Nagamatsu, Eugene Brian Wu

Panelists

Karl Chi Yuen Chan, Alan Ka Chun Chan,
Maoto Habara, Michiya Kageyama,
Hiromasa Katoh, Yu Li, Hiroaki Matsuda,
Shunsuke Matsuno, Takeshi Niizeki,
Muenpetch Nuenkaew, Jithendra Somaratne,
Achmad Fauzi Yahya, Andy Yong

Opening presenter

Opening remarks
Eugene Brian Wu

Lecturers

Introduction of the moderators and panelists
Scott Andrew Harding

Keynote lecture "Global CTO safety consensus"
Eugene Brian Wu

Management of coronary perforation during CTO
PCI procedure
Kenichiro Shimoji

Safety in tortuous RCA CTO
Alan Ka Chun Chan

RCA CTO case
Michiya Kageyama

Closing Presenter
Kambis Mashayekhi

Case Competition

14:00-14:50 Others

Chairs

Po-Ming Ku, Yoritaka Otsuka

Judges

Kenichi Fujii, Keiji Hirooka, Moo Hyun Kim,
Shunsuke Kubo, Noriko Makiguchi,
Masayuki Motohiro, Kenji Nishioka

Presenters

OFDI foretells chronic total occlusion of the future
Mitsunobu Kaneko
(Tokyo Metropolitan Police Hospital, Japan)

Anterior STEMI due to occlusive SCAD - IVUS
guided wire placement for successful PPCI
Paula Mota
(East Kent Hospitals University Foundation Trust, UK)

The Case for Shepherd's Crook RCA in-stent
restenosis that was heavily compressed and
narrowed due to the calcified nodule and beating
Motosu Ando (Okamura Memorial Hospital, Japan)

Triple coronary vessel disease including double
vessel chronic total occlusion: Angio-based
physiological assessment minimizes injury of the
single vessel that provides collaterals
Kazuhiro Dan (Ichinomiyanishi Hospital, Japan)

Stent Thrombosis after COVID19 Infection
Ryo Gotoh (Shuuwa General Hospital, Japan)

14:55-16:05 Left Main Trunk/Ostial, Bifurcated Lesion

Chairs

Takayuki Ogawa, Masamichi Takano

Judges

Tetsuya Fusazaki, Sang Wook Kim, Akira Nakano,
Hiroki Sakamoto

Presenters

The Experience of Synergy Megatron for heavy
calcified LM lesion
Donghoon Han
(Hallym University Kangnam Sacred Heart Hospital, Korea)

The Last Nail in the Coffin; the Last Chance
Ayman Mahmoud Azoz
(Prince Khalid Bin Sultan Cardiac Center, Saudi Arabia)

Challenging case of Percutaneous Coronary
Intervention for Left Main Trunk performing
Directional Coronary Atherectomy and Rotational
Atherectomy in a perioperative patient
Naoya Takahashi (Hyogo Prefectural Amagasaki
General Medical Center, Japan)

Behind the Stone Wall: Ostial Left Main Rotablation
Viroj Muangsillapassart (Chulabhorn Hospital, Thailand)

A case that IVUS guide wiring and culottes stenting
were effective for a true bifurcated CTO lesion
Takayuki Shimmura (Seirei Yokohama Hospital, Japan)

Stentless Treatment Strategy for Severely Calcified
Lesion of Ostial Left Circumflex Coronary Artery
with Orbital Atherectomy System Combined with
Drug-Coated Balloon Angioplasty
Yoshimi Numao (Itabashi Chuo Medical Center, Japan)

Three-stent strategy DK Crush Techniques in True
Left Main Trifurcation: Sequential DK Crush vs
Double DK Crush
Dian Larasati Munawar
(Binawaluya Cardiac Center, Indonesia)

16:10-17:00 Calcified Lesion 2

Chairs

Rei Fukuhara, Takeshi Niizeki

Judges

Takenori Domei, Kyoo Rok Han, Keita Inanaga,
Hiroto Kano, Yue Li, Toru Takii, Kimihito Usui

Presenters

Ostial left main trunk lesion with calcified nodule
successfully treated with rotablator and drug-
eluting stent
Masatoki Yoshida (Okayama University, Japan)

A Case of calcified nodule successfully treated with
excimer laser coronary angioplasty
Naoko Higashino (Kansai Rosai Hospital, Japan)

Rotational atherectomy of severe calcified lesion in
left anterior descending artery under ECMO support
Kazumasa Ikeda
(Miyazaki Medical Association Hospital, Japan)

A case of severe stenosis due to a calcified nodule
at the ostium of the right coronary artery undergoing
both orbital and rotational atherectomy followed by
drug-coated balloon dilation
Kazuya Otsu (Yokohama Rosai Hospital, Japan)

A case of calcified nodule effectively debulked with
a combination of orbital atherectomy system and
rotational atherectomy
Nobuhiro Yoshijima
(Saiseikai Utsunomiya Hospital, Japan)

Room 4

Fellow Course

8:30-10:10 **Mastering IVUS/OCT/OFDI**

Chairs

Atsushi Funatsu, Tomohiko Teramoto

Lecturers

The ABCs of IVUS and OCT/OFDI
Kenichi Fujii

Comparison of IVUS and OCT/OFDI
Yoichi Nozaki

Various IVUS utilities in complex PCI
Kenichi Sakakura

OCT-guided PCI - knowledge and skills to acquire
for use in complex lesions -
Nehiro Kuriyama

Coffee Break Session

10:30-11:00

See p. 42

Co-sponsored by
NIPRO CORPORATION



Fellow Course

14:00-16:00 **Overcoming Calcified Lesions**

Chairs

Tomokazu Ikemoto, Ken Ishibashi

Lecturers

Deep reading of calcified lesions based on IVUS/
OCT findings
Shinjo Sonoda

"Principles and basics of rotational atherectomy"
- weapons for calcified lesion -
Shuntaro Ikeda

Weapons for calcified lesions - basics of orbital
atherectomy -
Yusuke Katayama

Pathology of calcified coronary lesions - focus on
calcified nodules -
Fumiyuki Otsuka

Case Presenters

Perforation by Rotational Atherectomy
Shintaro Akashi

Rotational atherectomy burr entrapment
Tomomi Watanabe



CCT Live Playback Session

11:00-12:30 **Session 2: Toyohashi Heart Center**

Masters

Maoto Habara, Ichiro Hamanaka

Moderator

Kazuhiro Ashida

Commentators

*Takenori Domei, Shozo Ishihara, Makoto Kadotani,
Yusuke Katayama, Masayuki Motohiro,
Yasuhiro Nakano, Takahide Suzuki*

Luncheon Seminar

12:45-13:45

See p. 42

Co-sponsored by
Kaneka Medix Corporation



Room 5

Scientific Program



8:30-10:00 **Retrograde**

Chairs

Wataru Nagamatsu, Takafumi Tsuji

Commentators

*Scott Andrew Harding, Paul Hsien-Li Kao,
Hiroyuki Nagai, Yoshinori Shimooka,
Eugene Brian Wu*

Presenter

Video Live
Michiya Kageyama

Lecturers

Interventional collateral channel selection
Ryo Gotoh

Overview of the reverse CART
Shunsuke Matsuno

Channel perforation-prevention and management
Makoto Sekiguchi

Scientific Program



10:30-12:30 **CTO-PCI with or without CT: Discussing the usefulness of cardiac CT information in CTO-PCI**

Chairs

Takeshi Serikawa, Masaru Yamaki

Supervisor

Tomohiro Kawasaki

Commentators

*Ryuzo Hayashi, Shingo Hosogi,
Michiya Kageyama, Yuichi Kobori,
Kazumasa Kurogi, Ryuichi Matsukawa,
Koshi Matsuo, Takahide Suzuki*

<10:30-11:30> **CT with or without CTO PCI strategy: Case 1**

Lecturers

Case presentation
Yasuaki Koga

My strategy without CT
Michiya Kageyama

My strategy with CT
Ryuzo Hayashi

Interpretation CT
Masaaki Okutsu

Procedure
Yasuaki Koga

<11:30-12:30> **CT with or without CTO PCI strategy: Case 2**

Lecturers

Case presentation
Kenichiro Shimoji

My strategy without CT
Shingo Hosogi

My strategy with CT
Kazumasa Kurogi

Interpretation CT
Yasuhiro Nakano

Procedure
Kenichiro Shimoji

Scientific Program



14:00-16:00 **Mechanical circulatory support for cardiogenic shock in ACS**

Chairs

Atsushi Hirohata, Hiroyuki Tanaka

Commentators

*Takayuki Ishihara, Daisuke Nakamura,
Kotaro Obunai, Jun Yamashita*

Keynote Lecturer

Impact of Impella support timing in patients with acute coronary syndrome complicated by cardiogenic shock
Kotaro Obunai

Presenter

TBA
Shunsuke Kubo

Room 6

International Joint Session

8:30-10:00 **ENCORE SEOUL@CCT2022**

Chairs

Hyeon-Cheol Gwon, Junya Shite

Panelists

*Ki Hong Choi, Maoto Habara, Ken Ishibashi,
Jeehoon Kang*

Speakers

Wire jailing for side branch protection in 1-stent
strategy
Byeong Keuk Kim

Tips and tricks of debulking strategy for LMT
bifurcation
Masaru Yamaki

Physiology guided decision making for bifurcation
PCI
Chang Wook Nam

DCB or DES. which is better for bifurcation?
Yohei Numasawa

International Joint Session

10:30-12:00 **IMC Live Session@CCT2022**

Chair

Kenya Nasu

Panelist

Masaaki Okutsu

Live-in-box discussion

Presenters

Case1
*Khalid Tammam
Mohaned Egred*

Case2
Masahisa Yamane

Complication Case

Presenter

Owayed Al Shammeri

Joint Session

14:00-16:00 **CCTI@CCT2022**

 See p. 44

Japanese
only

Room 7

Sponsored Session



9:30-10:10 **Right Lesion Preparation @CCT China Session**

Chairs

Eisho Kyo, Kazuhiro Ashida, Juying Qian

Commentators

*Haibo Jia, Jun Jiang, Wataru Nagamatsu,
Yoshinori Tsubakimoto*

Opening presenters

Kazuhiro Ashida, Juying Qian

Lecturers

Right lesion preparation: Aspiration's secrets
(Rebirth)
Yoshinori Tsubakimoto

Right lesion preparation: Plaque modification's
secrets (NSE)
Wataru Nagamatsu

Closing Presenters

Kazuhiro Ashida, Juying Qian

Co-sponsored by
NIPRO CORPORATION

PCI Live Case Transmission



10:30-12:00 **Chinese Perspectives on Live Case Transmissions 5**

Chairs

*Eisho Kyo, Satoru Otsuji, Chuanchang Li,
Songhai Wen*

Commentators

*Weiping Du, Xinqun Hu, Zhi Jia, Chongying Jin,
Yang Lu, Soji Nishio, Zhenchi Sang,
Yoshinori Yasaka, Xiaorui Zhao, Xiaohui Zheng*

Co-sponsored by
NIPRO CORPORATION/Shimadzu Corporation

Saturday, October 29

Main Theater I

Morning Session

7:30-8:20 **ライブ症例術前検討会**

座長
石橋 堅
松野 俊介

ディスカッサー
明石 晋太郎
石原 隆行
黒木 一公
鈴木 孝英

Luncheon Seminar

12:45-13:45 **What is the OPTIMAL PCI strategy for calcified lesions?**

座長
上妻 謙

演者
The strategy of PCI for Calcified lesion from the pathology perspective
鳥居 翔（東海大学）

The strategy of PCI for Calcified lesion from the imaging perspective
村松 崇（藤田医科大学）

共催：アボットメディカルジャパン合同会社

Main Theater II

Luncheon Seminar

12:45-13:45 **ARCADIA-ZERO Registry-複雑病変を有する冠動脈をゾタロリムス溶出ステントで治療した症例の複数施設による登録研究-**

座長
及川 裕二
保坂 文駿

コメンテーター
岡山 英樹
鈴木 孝英
長谷川 勝之

演者
ARCADIA-ZERO Registry primary endpoint result
那須 賢哉

Resolute Onyxの現在地 -Top enrollerからの考察-
森 敬善（学校法人昭和大学昭和大学藤が丘病院）

共催：日本メドトロニック株式会社

Saturday, October 29

Room 4

Fellow Course

8:30-10:10 **IVUS/OCT/OFDIを極める**

座長
船津 篤史
寺本 智彦

演者
IVUS、OCT/OFDIのいろは（基礎的な内容）
（各デバイスの原理、基本画像と病理所見との対比）
藤井 健一

IVUS、OCT/OFDIを見比べる
野崎 洋一

IVUSを活用したPCI（IVUSが向いている病変
（こういう時にIVUS選ぶ）、デバルキングへの活用、
ステント留置法など）
坂倉 建一

OCT/OFDIを活用したPCI（OCT/OFDIが向いて
いる病変（こういう時にOCT選ぶ）、デバルキン
グへの活用、ステント留置法など）
栗山 根廣

Coffee Break Session

10:30-11:00 **The New hope of Aperta NSE™ - Strong
and controlled force awakens -**

座長
岡村 篤徳

演者
当院におけるAperta NSE™の活用法
多田 毅（倉敷中央病院）

Efficacy of Aperta NSE™ for lesion preparation
and other usages
栗山 根廣

共催：ニプロ株式会社

CCT Live Playback Session

11:00-12:30 **Session 2: 豊橋ハートセンター**

マスター
羽原 真人
浜中 一郎

モデレーター
芦田 和博

コメンテーター
石原 昭三
片山 祐介
角谷 誠
鈴木 孝英
道明 武範
仲野 泰啓
元廣 将之

Luncheon Seminar

12:45-13:45 **How to overcome complex lesion -
my unsung hero devise**

座長
伊藤 良明

演者
ZINRAIがPCI strategyを変える
松田 洋彰（名古屋ハートセンター）

Complex PCIにおけるZINRAI 1.75mmの有用性
石原 昭三

PBED、ZINRAI 4mm長の有用性
久米 輝善（川崎医科大学附属病院）

共催：株式会社カネカメディックス

Fellow Course

14:00-16:00 **石灰化病変を克服する**

座長
池本 智一
石橋 堅

演者
石灰化病変を見る～IVUS/OCTを使いこなす～
園田 信成

石灰化病変への武器～ローテーションアルテクト
ミーの基本～
池田 俊太郎

石灰化病変への武器～オービタルアルテクトミー
の基本～
片山 祐介

病理からみた石灰化病変～石灰化結節を中心に～
大塚 文之

ケースプレゼンター
回転性粥腫切除術による穿孔
明石 晋太郎

回転性粥腫切除術のスタック
渡部 友視

Room 5

Scientific Program



8:30-10:00 Retrograde

座長

辻 貴史
永松 航

コメンテーター

下岡 良典
永井 宏幸
Scott Andrew Harding
Paul Hsien-Li Kao
Eugene Brian Wu

プレゼンター

ビデオライブ
景山 倫也

演者

Interventional collateral channel selection
後藤 亮

Over view of the reverse CART

松野 俊介

Channel perforation-prevention and management

関口 誠

Scientific Program



10:30-12:30 CTガイド CTO-PCI 症例検討会

座長

芹川 威
八巻 多

スーパーバイザー

川崎 友裕

コメンテーター

林 隆三
細木 信吾
景山 倫也
小堀 裕一
黒木 一公
松川 龍一
松尾 浩志
鈴木 孝英

<10:30-11:30> CT with or without CTO PCI strategy: Case 1

演者

Case presentation
古閑 靖章

My strategy without CT

景山 倫也

My strategy with CT

林 隆三

Interpretation CT

奥津 匡暁

Procedure

古閑 靖章

<11:30-12:30> CT with or without CTO PCI strategy: Case 2

演者

Case presentation
下地 顕一郎

My strategy without CT

細木 信吾

My strategy with CT

黒木 一公

Interpretation CT

仲野 泰啓

Procedure

下地 顕一郎

Scientific Program



14:00-16:00 ACS shockへのIMPELLAの至適タイミングを考える：ビデオライブ

座長

田中 裕之
廣畑 敦

コメンテーター

石原 隆行
小船井 光太郎
中村 大輔
山下 淳

Keynote Lecturer

心原性ショックを伴うACSへのインペラの至適タイミング

小船井 光太郎

プレゼンター

Video Live: IMPELLAを使用した症例
久保 俊介

Room 6

Joint Session

14:00-16:00

CCTI@CCT2022

～CTでの石灰化評価最前線～

石灰化評価の提言

座長

貞松 研二

演者

Why calcification by CT now? : なぜ今、CTで石灰化なのか?

仲野 泰啓

CTの臨床応用の期待と可能性

座長

芹川 威

武田 義弘

演者

Feasibility of morphological assessment of coronary artery calcification with ECG-gated non-contrast CT: A comparative study with OCT

高橋 悠

The estimation of coronary artery calcium thickness by CCTA

奥津 匡暁

Quantitative assessment of calcium in cardiac CT predicting the need for rotational atherectomy

黒木 一公

Case analysis “オレ流石灰化解析法”

座長

奥津 匡暁

黒木 一公

高橋 悠

コメンテーター

進 智康

田辺 正喜

仲田 浩章

長谷川 勝之

藤本 善英

山崎 慶太

総合討論 “CTによる石灰化評価の展望”

座長

古家 賢治

野路 善博

山田 慎一郎

ディスカッサー

上原 良樹

奥津 匡暁

貞松 研二

進 智康

芹川 威

高橋 悠

武田 義弘

田辺 正喜

仲田 浩章

仲野 泰啓

長谷川 勝之

藤本 善英

山崎 慶太

Room 7

Sponsored Session



9:30-10:10 **Right Lesion Preparation @CCT China Session**

座長

芦田 和博

許 永勝

Juying Qian

コメンテーター

椿本 恵則

永松 航

Haibo Jia

Jun Jiang

オープニング

芦田 和博

Juying Qian

演者

Right lesion preparation: Aspiration's secrets (Rebirth)

椿本 恵則

Right lesion preparation: Plaque modification's secrets (NSE)

永松 航

クロージング

芦田 和博

Juying Qian

共催：ニプロ株式会社

Live Case Transmission



10:30-12:00 **Chinese Perspectives on Live Case Transmissions 5**

座長

大辻 悟

許 永勝

Chuanchang Li

Songhai Wen

コメンテーター

西尾 壮示

Weiping Du

Xinqun Hu

Zhi Jia

Chongying Jin

Yang Lu

Zhenchi Sang

Xiaorui Zhao

Xiaohui Zheng

共催：ニプロ株式会社/株式会社島津製作所

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

Japanese
only

開催日: 10月27日(木) / 28日(金)

共催: CCT 2022 / テルモ株式会社

会場: 神戸国際展示場 1号館 1階 テルモハンズオンブース内

受付: お申し込みは、下記ウェブ申込フォームより可能です。

奮ってのご参加、お待ちしております!

TERUMO LEARNING EDGE (reserva.be)

<https://reserva.be/1921>



テルモ製品をご使用いただいているお客様向けのセミナーとなります

開催日	時間	講師	対象	定員
10月27日(木)	16:00-17:30	角辻 暁	Medical	12名
10月28日(金)	10:00-11:30			

※先着順となります

IVUS based 3D wiring

Japanese
only

開催日: 10月27日(木) / 29日(土)

共催: CCT 2022 / テルモ株式会社

会場: 神戸国際展示場 1号館 1階 テルモハンズオンブース内

受付: お申し込みは、下記ウェブ申込フォームより可能です。

奮ってのご参加、お待ちしております!

TERUMO LEARNING EDGE (reserva.be)

<https://reserva.be/1921>



テルモ製品をご使用いただいているお客様向けのセミナーとなります

開催日	時間	講師	対象	定員
10月27日(木)	14:00-15:30	永井 宏幸 (近畿大学奈良病院) 石川 正人 (藤田医科大学病院)	Medical	12名
10月29日(土)	10:00-11:30	吉川 糧平 (三田市民病院) 石川 正人 (藤田医科大学病院)		

※先着順となります

角辻先生が教える、IVUS スタック Bailout

Japanese
only

開催日: 10月28日(金)

共催: CCT 2022 / テルモ株式会社

会 場: 神戸国際展示場 1号館 1階 テルモハンズオンブース内

受 付: お申し込みは、下記ウェブ申込フォームより可能です。

奮ってのご参加、お待ちしております!

TERUMO LEARNING EDGE (reserva.be)

<https://reserva.be/1921>



テルモ製品をご使用いただいているお客様向けのセミナーとなります

開催日	時間	講師	対象	定員
10月28日(金)	14:00-15:00	角辻 暁	Medical	6名

※先着順となります

TAVI後PCIにおけるTipsを学ぶ

Japanese
only

開催日: 10月28日(金)

共催: CCT 2022 / エドワーズライフサイエンス株式会社 / テルモ株式会社

会 場: 神戸国際展示場 1号館 1階 テルモハンズオンブース内

受 付: お申し込みは、下記ウェブ申込フォームより可能です。

奮ってのご参加、お待ちしております!

TERUMO LEARNING EDGE (reserva.be)

<https://reserva.be/1921>



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開催日	時間	講師	対象	定員
10月28日(金)	15:30-16:30	吉田 俊伸 (心臓病センター榊原病院) 山内秀一郎 (大分大学医学部附属病院)	Medical	12名

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