Left Main and Bifurcation Summit IVUS and FFR

Transcatheter Valve Therapies

# ANGIOPLASTY SUMMIT TCTAP 2011

TRANSCATHETER CARDIOVASCULAR THERAPEUTICS ASIA PACIFIC





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MYLIVE, Malaysia

Sendai / New Tokyo Live, Japan

Taiwan Transcatheter Therapeutics (TTT), Taiwan

The Society for Cardiovascular Angiography and Interventions (SCAI), USA

World Congress of Cardiology (WCC)

The Korean Society of Cardiology

The Korean Society of Cardiovascular Imaging (KOSCI)

The Korean Society of Interventional Cardiology

The Korean Study Group of Pediatric Interventional Cardiology

Korean Association of Cardiovascular and Pulmonary Rehabilitation (KACVPR)

Korea Cardiovascular Technology Association (KCTA)

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CVRF wishes to thank you to the following contributors and dedicated individuals for their year-round effort to make ANGIOPLASTY SUMMIT-TCTAP 2011 more educative and well-organized.

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# GENERAL INFORMATION

arranged in alphabetical order

## **ACT (Asan Medical Center** Interventional Cardiology Training Program) Tour

Pick up place: W-hotel Lobby, B3 (Next to the Registration desk)

## Time Schedule (2 hours long):

Departure for Asan Medical Center (30 min) → Live Case Demonstration, Presentation and Q&A (30 min) → Cathlab & CCU Tour (30 min) → Departure for Asan Medical Center (30 min)

Date	Section	Departure Time
Wednesday 27	Tour 1	4:00 PM
Thursday 28	Tour 2	10:00 AM
mursuay 20	Tour 3	4:00 PM

<sup>\*</sup> On-site registration is available at CVRF booth (D1)

## **Buying Books**

Find the books at Publication Zone on 1F, Coronary Arena, Sheraton Grande Walkerhill

## Cyber Station

For the easy access of participants we provides place for checking the email and web-surfing during the conference. E-Abstract, Live Case Demonstration, and Live Interview are also available

## Locations (see page #74 (e))

B2. Exhibit Hall1

B1. Exhibit Hall2

1F, Endovascular Arena

## Certificate of Attendance

A certificate of attendance can be obtained on request at CVRF booth (D1) located on B1

## Coffee and Tea

Coffee and tea during the coffee breaks will be available free for the registered participants, only wearing their badge.

## **Event Location**

The Convention Center of Sheraton Grande Walkerhill Hotel

## **Exhibition**

Take a look at the Exhibit Guide to find details of exhibit information and the companies.

### Locations (see page #74):

Exhibition I: Main Arena Lobby, B2

Exhibition II & Learning Center: : Grand Hall, B1 Exhibition III: Nearby Coronary & Endovascular Arena, 1F

Date	Opening Hours
Wednesday 27	8:00AM - 6:00PM
Thursday 28	8:00AM - 6:00PM
Friday 29	8:00AM - 3:00PM

## Faculty Lounge

Services in the faculty lounges include full wireless facilities for internet access and live broadcasting from Main Area and Coronary, and comfortable spaces with food and beverage services.

Date	Opening Hours
Tuesday 26	10:00AM - 7:00PM
Wednesday 27	6:30AM - 7:00PM
Thursday 28	6:30AM - 7:00PM
Friday 29	6:30AM - 4:30PM

## Free Mobile Recharge

Available at CVRF booth (D1) and Exhibition Hall2

## Future Meetings & Satellite Symposia Desk

Located on B1 in Exhibit Hall2

## Information Desk

It is designed to provide you with the information you need. Remember if you have any problems or queries do not hesitate to visit our information desks.

## Locations (see page #74 (i))

B2, Exhibit Hall1

B1, Exhibit Hall2

1F, Entrance

## Language

The official language of the conference is English. Simultaneous translation - Chinese, Japanese and Korean will be available.

E English

K Korean

J Japanese C Chinese

## **Learning Center**

Virtual hands-on training available for physicians and industry professionals.

Partners - Edwards / Medtronic Korea Co., Ltd. / **Philips** 

## Lost & Found | Cloak Room

Visit CVRF booth (D1) located on B1

## Lounges

WiFi is available (Abbott Vascular / Meril Life Sciences / Terumo Korea Corporation)

## Meals

Every satellite symposium provides meals for attendees. Please ensure that you display your badge at meal times.

## Organizing Secretariat (CVRF)

Please visit CVRF booth at D1 on the bridge toward Exhibit Hall 2 on floor B1 for our special events during TCTAP 2011. (See page #74)

## **Parking**

Participants with conference badge may park their cars in the parking lot at conference venue. Signage will direct attendees to parking garage.

## **Preview Room**

All speakers should come at least 2 hours before their presentation to upload and review their slides.

Located on 2F, Studio Room

Date	Opening Hours
Tuesday 26	10:00AM - 7:00PM
Wednesday 27	6:30AM - 7:00PM
Thursday 28	6:30AM - 7:00PM
Friday 29	6:30AM - 2:00PM

### <Instructions for oral presentations>

All necessary instuments, such as computers, laser pointer, microphones etc. for the PowerPoint presentations. Should you have a special request, please contact our staff at Preview Room.

### Poster Exhibition

Posters will be displayed from Wednesday 27 through Thursday 28 on B3 at Abstract Lounge

## <Instructions for poster presentation>

Please place your poster on the poster board 1hour before display time.

Pushpins will be also available at Abstract Zone (B3). Posters must be removed 30 minutes after the display time.

## Wednesday 27

Viewing Hours	Q&A
2:00PM - 6:00PM	2:00PM - 3:00PM

## Thursday 28

Viewing Hours	Q&A
8:30AM - 12:30PM	8:30AM - 9:30AM
2:00PM - 6:00PM	2:00PM - 3:00PM

# Registration Desk | Conference Bag & Badge Pick-up

Advanced and on-site registrants can pick up the conference materials on B3.

And participants will receive a badge upon registration. Please make sure that you wear your badge at all times during all conference activities and events.

Date	Opening Hours
Tuesday 26	10:00AM - 6:00PM
Wednesday 27	7:00AM - 6:00PM
Thursday 28	7:00AM - 6:00PM
Friday 29	7:00AM - 1:00PM

## Shuttle Bus

A free shuttle bus service is provided for all attendees between Lotte Hotel World and conference venue.

## From Lotte Hotel World

Date	Departure Time	From	То
Wednesday 27	6:45 AM	LHW	SGW
	6:30 PM	SGW	LHW
	8:40 PM	SGW	LHW
Thursday 28	6:45 AM	LHW	SGW
	8:00 AM	LHW	SGW
	6:30 PM	SGW	LHW
	8:40 PM	SGW	LHW
Friday 29	6:45 AM	LHW	SGW
	8:00 AM	LHW	SGW
	4:30 PM	SGW	LHW

\* LHW Lotte Hotel World SGW Sheraton Grande Walkerhill

## **TCTAP App**



See TCTAP2011 in your palm with our special free app.

Notices and messages related to this conference and any changes in the conference programs will be displayed on your smartphone and tablet PC. Download it now at <a href="https://www.summit-tetap.com/2011">www.summit-tetap.com/2011</a>

## **Tour Guide**

Looking for information on the most popular destination in Korea? Visit information desk located on B1 for travel advice and planning tour tips.

## WiFi Zone

B2, Exhibition 1

B1, Exhibition 2 / CVRF Secretariat

2F, Faculty Lounge

# CVRF Activities (Booth D1 on Level B1)

# Fundraising - "Messages on a world map"

Join us with your warm messages of your support for our fundraising. Leave your message in your language on the World map and selected messages will be shared with people.

Come visit us for your memorable experience and free gifts.

## **CVRF Tea Lounge**

Feel the spirit of Korea and enjoy a cup of tea 'Hadong Greentea' which is called the King's tea with 'Dasik', a traditional pressed cookie.

Date	Opening Hours
Wednesday 27	2:50PM - 3:10PM

2% of your registration fee will be used for the treatment of patients with cardiovascular disease.

## Program Sponsorship and Support

ANGIOPLASTY SUMMIT-TCTAP is sponsored by CardioVascular ResearcFoundation (CVRF) and Asan Medical Center (Seoul, Korea) and partially funded by educational grants from special supporters.













Official Language: English

■ Simultaneous Translation: Chinese, Japanese and Korean

Evening Symposia with Dinner		Eroning Companies with Disease									Evening Symposia with Dinner														
	Fellowship Training Course CSC Session			coronary coronary cossion #1 session #2 Coronary: Live Cases	Live	Moderated Abstract Competition	Moderated Complex Case Competition	Moderated Complex Case Competition				Live Cases & Main Sessions	ACC i2 Session CCT Session: New DES Coronary: CTO Live Cases	Structural Heart Disease Symposium : Live Cases & Lectures	Imaging Workshop	Moderated Abstract Competition	Moderated Complex Case Competition	Moderated Complex Case Competition			Angioplasty Summit 2011 KCTA Symposium				
		Lunchtime	Activities						Exhibit		Lunchtime Activities								Exhibit		Angioplasty Summ	n Workshop	xperts' Review	xperts' Review	
												Live Cases Late-Breaking Live Cases & Main Sessions Clinical	Left Main & Bifurcation Summit Coronary: Live Cases	Live Cases & Endovascular Sessions	Most Distinguished Studies 2010-2011 : Meet the Authors and Disuss with the Experts	Moderated Abstract Competition	Moderated Complex Case Competition	Moderated Complex Case Competition			Nurse Continuous Education Course: Care for Patients with Heart Disease	5 <sup>th</sup> Cardiopulmonary Rehabilitation Workshop	Challenging Case Competition with Experts' Review	Challenging Case Competition with Experts' Review	Exhibit
		Breakfast	Meetings								Breakfast Meetings									Breakfast Meetings					
Tuesday, April 26	Tutorial Arena	Wednesday, April 27	Main Arona	Coronary Arena	Endovascular Arena	Abstract Zone	Ida I (Case)	lda II (Case)	Exhibit	V	I nursday, April 28	Main Arena	Coronary Arena	Endovascular Arena	Tutorial Arena	Abstract Zone	Ida I (Case)	lda II (Case)	Exhibit	Friday, April 29	Main Arena	Tutorial Arena	Coronary Arena	Endovascular Arena	Exhibit

# LIVE CASE TRANSMISSION SITES

April 27~29, 2011

## International

# Columbia University Medical Center, New York, USA

Operators: Michael B. Collins, MD Jeffrey W. Moses, MD Varinder Singh, MD Giora Weisz, MD

## Toyohashi Heart Center, Toyohashi, Japan

Operators: Osamu Katoh, MD Takahiko Suzuk, MD

## Institut Hospitalier, Massy, France

Operators:
Philippe Garot, MD
Thomas Hovasse, MD
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## Korea

## Asan Medical Center, Seoul

Operators: Maurice Buchbinder, MD Seung Hyuk Choi, MD Antonio Colombo, MD Woo Young Chung, MD Jae-Young Choi, MD Chi-Kin Chan, MD Bharat Dalvi, MD William F. Fearon, MD Yun-Ching Fu, MD Eberhard Grube, MD Junbo Ge, MD Seung-Ho Hur, MD Duncan Hung Kwong Ho, MD Richard R. Heuser, MD Vincent On-Hing Kwok, MD Jae-Sik Jang, MD David E. Kandzari, MD Hyang Kyoung Kim, MD Young Hwue Kim, MD I-Seok Kang, MD Young-Hak Kim, MD Hvana Kvouna Kim. MD June Hong Kim, MD Paul Hsien-Li Kao, MD

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## Wonju Christian Hospital, Gangwon Province

Operators: Sung-Gyun Ahn, MD Jun-Won Lee, MD Young Jin Youn, MD Junghan Yoon, MD Robbert De Winter, MD



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 $\hbox{Hae Geun Song, MD}$ 

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Sung GookSong, MD

Pusan National University Yangsan Hospital

Dae Chul Suh, MD

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Il Woo Suh, MD

Sam Medical Center

Jon Suh, MD

SoonChunHyang University Hospital Bucheon

Byung Joo Sun, MD

Asan Medical Center

Kyu Bo Sung, MD

Asan Medical Center

Ki Bum Won, MD

Dongguk University Gyeongju Hospital

Dong Heon Yang, MD

Kyungpook National University Hospital

Hyun Suk Yang, MD

Pusan National University Hospital

Joo-Young Yang, MD

NHIC Ilsan Hospital

Tae-Hyun Yang, MD

Inje University Pusan Paik Hospital

Yong-Mo Yang, MD

Chungju St. Mary's Hospital

Ki Dong Yoo, MD

The Catholic University of Korea, St. Vincent's

Hospital

Kwang Ha Yoo, MD

Konkuk University Medical Center

Sang-Yong Yoo, MD

GangNeung Asan Hospital

Yeong-Sook Yoo, RN

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Hyun-Ki Yoon, MD

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Junghan Yoon, MD

Yonsei University Wonju College of Medicine

Tae Jin Youn, MD

Seoul National University Bundang Hospital

Cheol Woong Yu, MD Sejong General Hospital

Tae Jin Yun, MD

Asan Medical Center



# MEET THE EXPERTS OVER BREAKFAST

Current Issues in the Cardiovascular & Endovascular Interventional Field: Focus Reviews and Case Presentation with Discussion in a Small Group Environment

Wednesday 27 - Friday 29 | 7:00 AM - 8:10 AM



## Wednesday 27

# Bifurcation Intervention: "Optimizing Stenting Technique"

Organized by CVRF and Supported by Educational Grant from Boston Scientific Korea

Coronary Arena, Level 1

Moderators: Andrejs Erglis, William F. Fearon

# Revascularization Strategies in Diabetic Patients: "Diabetic Paradox: Is It Real?"

Organized by CVRF and Supported by Educational Grant from Abbott Vascular

Endovascular Arena, Level 1

Moderators: Takeshi Kimura, Gregg W. Stone

# Percutaneous Valve Therapy: "Current and More"

Organized by CVRF

Room 1-1, Level 1

**Moderators:** Maurice Buchbinder, Ted Feldman, August D. Pichard

# Door to Device - Optimizing Outcomes with Mechanical Support in Cardiogenic Shock

Organized by CVRF and Supported by Educational Grant from Maquet Medical Korea

Room 2-1, Level 2

Moderator: Tilman Schwab

## STEMI Now: Same Story, Different Tales

Organized by CVRF

Room 3-1, Level 3

Moderators: Stephen G. Ellis, Mun Kyung Hong

# Evolving Antiplatelet Therapy: "New Pharmacologic Options for ACS and PCI Patients"

Organized by CVRF

Tutorial Arena, Level 4

Moderators: Roxana Mehran, Ron Waksman

## Thursday 28

# Left Main Stenting: "Evidence vs. Out of Evidence"

Organized by CVRF and Supported by Educational Grant from Abbott Vascular

Coronary Arena, Level 1

Moderators: Antonio Colombo. Corrado Tamburino

# Challenging the Complexity of CAD in Asia Pacific

Organized by CVRF and Supported by Educational Grant from Medtronic Co, Ltd.

Endovascular Arena, Level 1

Moderators: David E. Kandzari, Michael Kang-Yin Lee

# Pharmacogenomics and Platelet Reactivity Test

Organized by CVRF and Supported Through an Unlimited Educational Grant from Lilly Korea, Ltd. and Daiichi Sankyo Korea Co., Ltd.

Room 1-1, Level 1

Moderators: Duk-Woo Park, Alan C. Yeung

## Innovations in 2011: Now and the Future

Organized by CVRF

Room 2-1, Level 2

Moderators: Roxana Mehran, Wan Joo Shim

## **How to Treat: Complex Lesions**

Organized by CVRF and Supported by Educational Grant from Terumo Korea Corporation

Room 3-1, Level 3

Moderators: Yuji Hamazaki, Seung-Woon Rha

# Vulnerable Plaque: The Challenges Ahead

Organized by CVRF and Supported by Educational Grant from Volcano(BT+)

Tutorial Arena, Level 4

Moderators: Cheol Whan Lee, Renu Virmani

## New DES Technologies

Organized by CVRF

Room 4-1, Level 4

Moderators: Mitchell W. Krucoff, Barry D. Rutherford

# Drug-coated Stent or Balloon for PVD: "New Horizon for PVD"

Organized by CVRF

Room 4-2, Level 4

Moderators: John R. Laird, Jr., Andrej Schmidt

## Friday 29

## Paradigm Shift to "Functional Angioplasty"

Organized by CVRF and Supported by Educational Grant from St. Jude Medical

Coronary Arena, Level 1

Moderators: William Fearon, John McB. Hodgson

# Carotid Stenting: "Best Licence for Carotid Revascularization"

Organized by CVRF and Supported by Educational Grant from Abbott Vascular

Endovascular Arena, Level 1

Moderators: Paul Hsien-Li Kao, John R. Laird, Jr

## Revascularization for Multivessel Coronary Disease: "Complete Revascularization: The Link Between Anatomy and Function"

Organized by CVRF
Room 1-1, Level 1

Moderators: Mun Kyung Hong, Imad Sheiban

## OCT: "The 2nd Generation OCT Is Useful to Assess Complex Coronary Lesions"

Organized by CVRF and Supported by Educational Grant from St. Jude Medical

Room 2-1, Level 2

Moderators: Takashi Akasaka, Gary S. Mintz

# Techniques for CTO Intervention: "Best Selection and Right Direction"

Organized by CVRF

Room 3-1, Level 3

Moderators: Etsuo Tsuchikane, Seung-Woon Rha

# Role of Noninvasive CT Imaging in Daily Practice: A Case-Based Approach

Organized by CVRF

Tutorial Arena, Level 4

Moderators: Yeon Hyeon Choe, Wm. Guy Weigold

# CardioVascular Research Foundation (CVRF)

# Clinical Research Coordinating Center (CRCC)

## Data Management

Improving essential information to prevent and control cardiovascular disease through analysis without bias

- Statistical Analyses
- Data Safety Monitoring Boards (DSMB)
- Publicized Research Studies

### Core Laboratories

Providing the result of an unbiased interpretation about pharmaceutical or mechanical intervention in coronary artery disease and cardiac transplant studies

- Quantitative Coronary Angiographic (QCA) Core
- Intravascular Ultrasound (IVUS) Core Laboratory
- OCT/VH-IVUS Imaging Center

## Fundraising...

# "Leading to Greatness for the Better Human Life"

Fundraising and donations will be used to Improve survival rate and quality of life for patients with heart disease.

## Contact Information:

Tel. 82-2-3010-7254 E-mail. cvrffund@summitmd.com

## Save the Dates

IMAGING & PHYSIOLOGY SUMMIT and CHRONIC TOTAL OCCLUSIONS LIVE 2012 January 6-7, 2012

17<sup>th</sup> ANGIOPLASTY SUMMIT-TCTAP April 25-27, 2012

## Conference

## ANGIOPLASTY SUMMIT-TCTAP

- Focusing on Evidence-Based Medicine in Interventional Cardiovascular Medicine
- Live Cases, Late Breaking Clinical Trials, Scientific Symposia, Practical Workshops, Case Reviews, Abstracts, Exhibitions and Much More...
- Presentations on Innovative Devices and Future Therapies

# IMAGING & PHYSIOLOGY SUMMIT and CHRONIC TOTAL OCCLUSIONS LIVE 2012

- Extended Workshops (IVUS, OCT, MR&CT, FFR)
- Live Case Demonstrations: Advanced Operator Techniques & Novel Devices
- Meet the Experts: Case Presentations, Reviews & Competition
- Special Lecture: Technical Tips & Tricks to Optimize Procedural Success
- Invited Operators from Japan

## Education

Online Learning Site: www.summitMD.com

- Case Based Presentations
- State-of-the-art Lectures
- Live Interviews with World Renowned Experts

Fellowship Training Program

- Short-term & Long-term Training Program

ACT Program (Asan Medical Center Interventional Cardiology Training Program)

## Left Main Intensive Course I FFR&IVUS Guided PCI

- Exclusive Training program for Small Group (Max. 12 attendees)
- Interact & Discuss with Operators during the Procedure
- Learn from Evidence-Based Medicine
- Special Lectures from Experts on Left Main, CTO, DES, Clinical Data Management
- Hands-on Experience as a Second Operator



# Tuesday | April 26, 2011

# 

# TUESDAY 26

## **Tutorial Arena**

Art Room, Level 4 2:00 PM-6:20 PM

## **Fellowship Training Course**

Co-organized by CVRF & CSC

## Left Main and Bifurcation

Chairs: Junbo Ge, Seung-Jung Park Panelists: Shaoliang Chen, Soo-Jin Kang, Gary S. Mintz, Ashok Seth, Jianan Wang, Alan C. Yeung, Qi Zhang

2:00 PM Left Main Intervention: Angiography Is Not Enough!- 'New Insight from IVUS versus FFR' Seung-Jung Park

**2:15 PM** Making the Case for Routine IVUS Guidance Gary S. Mintz

**2:30 PM** Left Main Bifurcation: What's the Best Choice? *Junbo Ge* 

**2:45 PM** IVUS versus FFR in Bifurcation Stenting Soo-Jin Kang

**3:00 PM** Dual Stent in Bifurcation Intervention: How to Make It an Individualized Approach? Shaoliang Chen

3:15 PM Panel Discussion

## **Chronic Total Occlusion Intervention**

Chairs: Maurice Buchbinder, Toshiya Muramatsu Panelists: Rabindranath Chakraborty, Lei Ge, Nae Hee Lee, Seung-Whan Lee, Yue Li, Yongjian Wu

**3:30 PM** Planning CTO: From the Beginning to the End Seung-Whan Lee

**3:45 PM** Guidewires for CTO: Which Is the Best for Your Lesion?

Nae Hee Lee

**4:00 PM** Technical Tips: What To Do When the Wire Won't Cross the Lesion? What To Do When the Balloon Won't Cross the Lesion?

Lei Ge

**4:15 PM** Retrograde Approach: When and How? Toshiya Muramatsu

**4:30 PM** CTO Intervention: When to Stop? *Yue Li* 

4:45 PM Panel Discussion

## CSC @ TCTAP : "Challenging

Cases from China"
Co-organized by CVRF & CSC

### Part 1

Chairs: Yong Huo, Seong-Wook Park Panelists: Pawel E. Buszman, Yundai Chen, Cheol Whan Lee, Jianping Li, Hongbing Yan, Robaayah Zambahari

**5:00 PM** Caes 1: Triple Balloon Angioplasty in Patient with Trifurcation Disease by Transradial Approach Guo Sheng Fu

**5:10 PM** Case 2: Aspiration Catheter during CTO-PCI: Beyond Thrombus Aspiration Hongbin Yan

**5:20 PM** Case 3: IVUS and FFR Guided PCI for Multivessel Disease Guisong Wang

**5:30 PM** Case 4: A Case of Coronary Perforation by Guidewire *Xiantao Song* 

## Part 2

Chairs: Gary S. Mintz, Shuzheng Lu Panelists: Alaide Chieffo, Ben He, Young-Hak Kim, Duk-Woo Park, Ashok Seth, Bo Xu

**5:40 PM** Case 5: FFR and IVUS Guided LAD Bifurcation Intervention

Yan Li

**5:50 PM** Case 6: Retrograde Approach for CTO via Epicardial Collateral Channel

**6:00 PM** Case 7: A Successful CTO PCI Case by Retrograde Approach *Bo Zheng* 

**6:10 PM** Case 8: Pitfall of One Stenting: Loss of Sidebranch

Juniie Zhana

6:20 PM Adjourn

## Satellite Symposia

6:00 PM-8:30 PM

## **Evening Symposium**

## [Town Hall Meeting] How to Innovate in Cardiovascular Technology

Organized by CVRF and Supported by Educational Grant from Abbott Vascular, Boston Scientific Korea, Lepu Medical, Medtronic Co, Ltd., Meril Life Sciences Room 3-1. Level 3

Moderators: Bon-Kwon Koo, Seung-Jung Park, Alan C. Yeung Panelists: Dominic Allocco, David J. Cohen, Dan Estay, Yong Huo, Seung-Woon Rha, Barry D. Rutherford. Ashok Seth

## Part 1

**6:00 PM** How to Teach and Train Innovation: US Approach

Alan C. Yeung

**6:20 PM** Innovation in Medicine: The Korean Approach Ron-Kwon Koo

6:40 PM Panel Discussion

## Part 2

7:00 PM Innovations in Interventional Cardiology: Next Generation DES, Percutaneous Aortic Valve Replacement and Left Atrial Appendage Occlusion Dominic Allocco

**7:20 PM** Development of DES Technology Yong Huo

**7:40 PM** Evolution of Mitsu- Merilimus Eluting Coronary Stent *Ashok Seth* 

**8:00 PM** Current & Future Stent Design for DES Seung-Woon Rha

**8:20 PM** Introducing AV Future Technology *Dan Estay* 

8:40 PM Panel Discussion

9:00 PM Adjourn

## 2nd Alumni for ACT Attendees

Organized by CVRF

Room 2-1, Level 2

Moderators: Young-Hak Kim, Cheol Whan Lee Panelists: Soo-Jin Kang, Won-Jang Kim, Jong-Young Lee, Seung-Whan Lee, Akiko Maehara, Duk-Woo Park, Seung-Jung Park

6:00 PM Dinner

7:00 PM Welcome Address Cheol Whan Lee

## Meet Our Experts: Healthy Opinions, Smart Decisions "Case Presentation"

**7:05 PM** Totally Occluded Distal Left Anterior
Descending Artery Caused by Distal Embolization of Left
Main Coronary Artery Thrombus; Which Is the Best
Treatment?
Seong II Choe

**7:20 PM** Multivessel Intervention-Side Branch Protection in LAD Bifurcation Stenting and CTO of RCA *Sreenivas Reddy.S.* 

**7:35 PM** Retrograde 300cm Wire Ipsilateral Externalization Technique in BTK CTO Lesion *Tien-Yu Wu* 

**7:50 PM** Complex Coronary Intervention in Contemporary Indian Shiv Bagga

8:05 PM Panel Discussion

## **Featured Lecture**

**8:10 PM** "When and How To Assess Morphology and Function and Why?" *Akiko Maehara* 

8:30 PM Closing Remark

8:35 PM Adjourn

# CardioVascular Research Foundation (CVRF)

For the future of human being's health, we'll get together...

## Who we are

The CardioVascular Research Foundation (CVRF) is a non-profit clinical research foundation that seeks to contribute in improving the lives of patients with cardiovascular disease by promoting preclinical and clinical researches, educating physicians and teaching patients.

## What we've done

Since its establishment in 2002 and its affiliation with the Asan Medical Center in Seoul, Korea, CVRF has been conducting and supporting a large number of outstanding clinical researches to help conquer cardiovascular disease. The foundation has been also sharing cutting edge knowledge and educating physicians and other professionals by holding international conferences, running educative websites and committing to various physician training programs.

## What we will do

www.cvrf.org

The CVRF will do its best to develop innovative technologies and educate professionals and the public related to the cardiovascular field by achieving these goals, the CVRF is dedicated to increase the survival rate and the quality of life for patients who suffer from cardiovascular disease and its medication.

## Save the Dates

IMAGING & PHYSIOLOGY SUMMIT and CHRONIC TOTAL OCCLUSIONS LIVE 2012 January 6-7, 2012

Call for cases May 30-October 7, 2011

17th ANGIOPLASTY SUMMIT-TCTAP April 25-27, 2012

Call for Abstracts
August 1, 2011 - November 11, 2011

Call for cases
August 1, 2011 - January 9, 2012



# Wednesday | April 27, 2011

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Imaging and FFR Controversies "Hot" New Therapies	
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ENDOVASCULAR ARENA	
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Lunchtime Activities	35
Evening Symposium: Expert's Case Presentations and Discussions I & II	36

# WEDNESDAY 27

## Main Arena

Vista Hall, Level B2 8:25 AM-6:10 PM

**8:25 AM** Opening Remark Seung-Jung Park

8:30 AM Congratulatory Remark

Namsik Chung (Chairman, The Korean Society of Cardiology)

8:35 AM Welcome Address

Martin B. Leon

## **TCTAP Session**

## Live Case Session 1

Moderators: William F. Fearon, Martin B. Leon, Patrick W. Serruys, Gregg W. Stone Discussants: Juan Granada, Eberhard Grube, David Richard Holmes, Akiko Maehara, Roxana Mehran, Gary S. Mintz, Seung-Jung Park, Ki Bae Seung

8:40 AM Columbia University Medical Center, USA

## I. The TAVI Revolution

Moderators: Eberhard Grube, Martin B. Leon

**9:40 AM** Life after PARTNER (Inoperable and "High Risk" Cohorts): Will TAVI Therapy Change Guidelines for AS Patients?

Martin B. Leon

**9:55 AM** TAVI Perspectives from the European Theatre: New Indications and Multiple Devices Eberhard Grube

**10:07 AM** Complications after TAVI: VARC Definitions, Frequency, and Management Considerations *Patrick W. Serruys* 

10:19 AM Discussion

## II. DES Dilemmas

Moderators: Seung-Jung Park, Gregg W. Stone

10:30 AM SES Revisited: The "Unexpected" Results and Clinical Implications from BASKET-PROVE, SORT-OUT IV, and ISAR-TEST 4 David E. Kandzari

**10:42 AM** The NEW Anti-platelet Agents and Platelet Reactivity Testing: Recommendations for Prasugrel and Ticagrelor and Lessons from GRAVATAS Roxana Mehran

**10:54 AM** DES in Left Main Disease: New Guidelines and Updates from EXCEL Gregg W. Stone

11:06 AM Discussion

## III. Imaging and FFR Controversies

Moderators: Gary S. Mintz, William F. Fearon

**11:15 AM** Appropriate Use of IVUS during PCI in 2010 *Akiko Maehara* 

**11:27 AM** Beyond FAME: The Integration of Invasive Ischemia Assessment (FFR) into Clinical Practice William F. Fearon

11:39 AM Is OCT Ready for "Prime Time": What's Known and What We Need to Know for Clinical Applications

Gary S. Mintz

11:51 AM Discussion

## IV. "Hot" New Therapies

Moderators: Juan Granada, Patrick W. Serruys

**12:00 PM** Percutaneous LAA Closure: A Future Management Alternative for Stroke Prevention in AF Patients

Horst Sievert

12:10 PM Transcatheter Renal Denervation Therapy(TREND): A Breakthrough for Refractory Hypertension? Andrej Schmidt

**12:20 PM** Will Bioabsorbable Stents Transform PCI in the Future? Patrick W. Serruys

auck W. Serrays

12:30 PM Drug-eluting Balloons will Have an Important Role in Coronary and Peripheral Interventional Therapy Juan Granada

12:40 PM Discussion

# TCTAP Award 2011 "Master of the Masters"

12:45 PM Award Presentation

12:50 PM Lunchtime Activities

## Live Case Session 2

Moderators: Angela Hoye, James R. Margolis Discussants: Francisco J. Ayala, Wacin Buddhari, Michael Kang-Yin Lee, M Pauliina Margolis, Motomaru Masutani, Muhammad Munawar, Hun Sik Park, Wasan Udayachalem, Joo-Young Yang

2:00 PM Asan Medical Center, Korea Case #1, #2, #3

3:00 PM Toyohashi Heart Center, Japan

## Main Session 1

## "Functional Angioplasty"

Moderator: Seung-Jung Park

**3:30 PM** Stenosis, Physiology and Medications Are Not Enough: Vulnerable Plaque Must Be Identified *lk-Kyung Jang* 

**3:45 PM** [Web-based Lecture] Minimalist Approach: Physiologic Lesion Assessment Should Guide Routine PCI Therapy!

Nico H.J. Pijls

## Live Case Session 3

Moderators: Eberhard Grube, Jacques J. Koolen Discussants: Howard A. Cohen, John McB. Hodgson, June Hong Kim, Philip Siam Soon Koh, Michael S. Lee, Do-Sun Lim, Ichiro Michishita, Kui-Hian Sim, Yasunori Ueda, Yujie Zhou

**4:00 PM** SoonChunHyang University Hospital Bucheon, Korea

**4:30 PM** Asan Medical Center, Korea Case #4, #5, #6

## Main Session 2

## "Unsolved Issues: Evidencebased Approach"

Moderator: Dong Joo Oh

**5:30 PM** Left Main PCI: Where We Are? Where We Are Going? Seung-Jung Park

5:45 PM PFO Closure: Where We Are Going to after CLOSURE Study?

Issam D. Moussa

6:00 PM Adjourn

## **Coronary Arena**

Mugunghwa Hall 1, Level 1 2:00 PM-6:00 PM

# Coronary Session 1 Transcatheter Valve Therapy

Moderators: Eberhard Grube, Martin B. Leon

**2:00 PM** Which Patients Are Suitable for TAVI? Samir Kapadia

2:12 PM Incidence and Treatment of Procedural Complications

Eberhard Grube

2:24 PM Evolving Technologies to Improve Outcomes of

Augusto D. Pichard

**2:36 PM** Perspectives from PARTNER Trial *Martin B. Leon* 

2:48 PM Cost-effectiveness of TAVI for Patients with Inoperable Aortic Stenosis: Results from the PARTNER Trial

David J. Cohen

3:00 PM Adjourn

# Coronary Session 2 ACS Spotlight 2011: BackStory & NextStep

Moderators: Spencer B. King III, Barry D. Rutheford Panelists: Pawel E. Buszman, Stephen G. Ellis, Roxana Mehran, Alan C. Yeung

**3:00 PM** Bleeding & Mortality: Beyond the Horizon *Roxana Mehran* 

**3:12 PM** Routine Thrombectomy: Utile or Futile? Barry D. Rutheford

**3:24 PM** Circulatory Support: From IABP to LVAD? Howard A. Cohen

**3:36 PM** Very Late ST: Pursuing the Elusive Goal Spencer B. King III

3:48 PM Questions and Answers

4:00 PM Adjourn

## Live Case Session 1

Moderators: Augusto D. Pichard, Corrado Tamburino Discussants: Young-Keun Ahn, Wook Sung Chung, Do Quang Huan, Yoshihiro Morino, Amin Ariff Nuruddin, Afzalur Rahman, Satoru Sumitsuji, Bo Xu

4:00 PM Toyohashi Heart Center, Japan

**5:00 PM** SoonChunHyang University Hospital Bucheon, Korea

6:00 PM Adjourn

## **Endovascular Arena**

Mugunghwa Hall 2, Level 1 2:00 PM-6:00 PM

## Endovascular Session 1 SFA Disease

Moderators: Mark W. Burket, In-Ho Chae

2:00 PM Antegrade vs. Retrograde Recanalization of Very Long CTO of SFA Andrej Schmidt

2:12 PM Crossing the Long SFA CTO: Techniques and Variables You Need to Know Shigeru Nakamura

**2:24 PM** Current Treatment of Femoropopiteal In-stent Restenosis *John R. Laird, Jr* 

2:36 PM Evolving Horizon: Drug-coated Balloons or Drug-coated Stents in SFA Diseases?

Mark W. Burket

2:48 PM Discussion

## Live Case Session 1 SFA Intervention

Moderators: John R. Laird, Jr, Hiroyoshi Yokoi Discussants: Sven Braunlich, Mitsugu Hirokami, Jong-Pil Park, Kazushi Urasawa, Bryan Ping-Yen Yan

3:00 PM Asan Medical Center, Korea Case #1, #2

## Endovascular Session 2

## **Lower Extremity Disease**

Moderators: Gian Battista Danzi, Issam D. Moussa Panelists: Taehoon Ahn, Mark W. Burket, Young Jin Choi, Sven Braunlich

**4:00 PM** How to Do Endovascular Interventions Below the Knee Interventions: What You Need to Know Before You Start *Issam D. Moussa* 

**4:12 PM** BTK Intervention: Its Results and How to Maximize Outcomes in Pre-drug-eluting Era?

Gian Battista Danzi

**4:24 PM** Antegrade or Retrograde? Single or Multiple Vessels? Paradigms and Practice of Infrapopliteal Endovascular Revascularization

Sven Braunlich

**4:36 PM** New Horizon: Drug-eluting Balloon or Stent for Infrepopliteal Lesions

Andrej Schmidt

4:48 PM Panel Discussion

## Live Case Session 2

## **Lower Extremity Intervention**

Moderators: Gian Battista Danzi, Choong Won Goh Discussants: Mark W. Burket, Donghoon Choi, Chung-Ho Hsu, Woong Chol Kang, Junichi Tazaki, Shaiful Azmi Yahaya

5:00 PM Asan Medical Center, Korea Case #3, #4

6:00 PM Adjourn

# WEDNESDAY 27

# Moderated Oral Abstract Competition

Abstract Zone, Level B3 2:00 PM-6:00 PM

# Acute Myocardiac Infarction/Acute Coronary Syndrome I

2:00 PM ~ 3:00 PM

Moderators: Kyung Soo Kim, Michael J.B. Kutryk Panelists: Prakash Kumar Hazra, Do Quang Huan, Kaisar Nasrullah Khan, Weijie Li

2:00 PM AS-006, Impact of Acute Heart Failure on Inhospital mortality in Patients with Acute Myocardial Infarction Underwent Successful Revascularization Keun-Ho Park

2:10 PM AS-007, Impact of Different Clinical Pathways on Door-To-Balloon Time in Patients with ST-Segment Elevation Myocardial Infarction Hongbing Yan

2:20 PM AS-008, Inflammatory State Influences The Outcome Of Primary Percutaneous Coronary Intervention In Patients With Acute ST Elevation Myocardial Infarction

Mohamed Amin Abdelhamid

2:30 PM AS-018, Impact of Intracoronary
Administration of Nitroprusside vs Nitroglycerine before
Balloon Dilatation on Slow Reflow During Percutaneous
Coronary Intervention in Patients with Acute ST
Elevation Myocardial Infarction
Arunachalam Esakkisppan

2:40 PM AS-010, Impacts of Gensini Score for Coronary Angiographic Severity on Outcomes of Outof-Hospital Cardiac Arrest due to Acute Myocardial Infarction Patients Nobuaki Kokubu

2:50 PM Best Abstract Selection & Announcement

# Acute Myocardiac Infarction / Acute Coronary Syndrome II

3:00 PM ~4:00 PM

Moderators: Mun Kyung Hong, Junya Shite Panelists: Jinghua Liu, Sureshkumar Ramasamy, Peruvamba Raman Vydianathan, Tae Jin Youn

**3:00 PM** AS-011, Mild Decrease of Fasting Plasma Glucose Predicts In-Hospital and 3-Year Mortality in Older Patients with Acute Myocardial Infarction: Results from the BEAMIS Study Shi-Wei Yang **3:10 PM** AS-012, Clinical Outcomes of Primary Percutaneous Coronary Interventions for Acute Myocardial Infarctions in Hospitals With and Without Onsite Cardiac Surgery Backup *Min Kyeong Kim* 

**3:20 PM** AS-149, Drug-Eluting Stents Versus Bare-Metal Stents in Japanese Patients with Acute Myocardial Infarction: A Single Center Experience. *Yuya Nakagawa* 

**3:30 PM** AS-014, Cost Analysis and In-hospital Safety Study on Using IKARI-Shaped Guiding Catheter for Transradial Approach Versus Other Guiding Catheters for Transfermoral Approach in Primary Percutaneous Coronary Intervention for Acute ST Segment Elevation Myocardial Infarction Patients in Killip Class 1 or 2 at Presentation: A Single Centre Study *Vern Hsen Tan* 

3:40 PM Best Abstract Selection & Announcement

## Imaging I

4:00 PM ~ 5:00 PM

Moderators: Keiichi Igarashi, Akiko Maehara Panelists: Junya Ako, Jun-ichi Kotani, Chang-Wook Nam, Edmond Wong

**4:00 PM** AS-056, Accuracy of Frequency-Domain Optical Coherence Tomography for Quantitative Measurements: Comparison With Intravascular Ultrasound

Kenichi Komukai

**4:10 PM** AS-057, The Assessment of Shin°Øs Method for The Prediction of Creatinine Kinase-MB Elevation after Percutaneous Coronary Intervention: An Intravascular Ultrasound Study *Eun-Seok Shin* 

**4:20 PM** AS-109, Comparison of the Level of Diameter Stenosis by Quantitative Coronary Angiography and the Value of Fractional Flow Reserve in Each Coronary Artery

Hiroaki Takashima

**4:30 PM** AS-059, Relationship between Coronary Calcium Score by Cardiac Computed Tomography Angiography and Plaque Components by Virtual Histology-Intravascular Ultrasound *Yun Ha Choi* 

**4:40 PM** AS-060, Incomplete Neointimal Coverage is Correlated with Coronary Endothelial Dysfunction after First Generation Drug-Eluting Stent Implantation *Yoshiaki Mitsutake* 

4:50 PM Best Abstract Selection & Announcement

## Imaging II

5:00 PM~ 6:00 PM

Moderators: William F. Fearon, Ik-Kyung Jang Panelists: Suhas Hardas, Junko Honye, Byeong-Keuk Kim, Yoichi Nozaki

**5:00 PM** AS-061, Impact of Culprit Lesion Intrathrombus Calcium in Acute ST Elevation Myocardial Infarction; A Virtual Histology Intravascular Ultrasound Analysis Sang Wook Kim

**5:10 PM** AS-062, Comparison of Coronary Plaque Characterization by Spectral Radiofrequency of Intravascular Ultrasound Signals (VH-IVUS and i-MAP) *Atsushi Hirohata* 

**5:20 PM** AS-063, Correlation of Fractional Flow Reserve to the Ratio of Instantaneous Distal/Proximal Pressures at The Point of Diastolic Inflection Boonchu Srichaiveth

**5:30 PM** AS-064, Role of Intravascular Ultrasound in Acute Myocardial Infarction Patients Undergoing Percutaneous Coronary Intervention *Khurshid Ahmed* 

**5:40 PM** AS-065, Effects of Dyslipidemia and Diabetes Mellitus on Plaque Characteristics in Target Lesions of Acute Coronary Syndrome and Stable Angina *Kyuhachi Otagiri* 

5:50 PM Best Abstract Selection & Announcement

6:00 PM Adjourn

# Moderated Complex Case Competition

Case Zone (Ida I), Level B1 2:00 PM-6:00 PM

## Complex PCI I

Moderators: Jacques J. Koolen, Vincent On-Hing Kwok Panelists: Elki Hirose, Burn-Kee Hong, Xuebo Liu, Anlin LV

2:00 PM IVUS Catheter-induced Intimal Dissection Apparent after Successful IVUS-guided Guide-wiring of an Angiographically Non-visualized Culprit Vessel during Primary PCI Sung Gyun Ahn

2:10 PM Retrieval of a Large Broken Guide Catheter from Aorta without Operation Afzalur Rahman **2:20 PM** Device Closure of Paravalvular Leak with Device Embolization and Device Retrieval *T N C Padmanabhan* 

2:30 PM latrogenic Coronary Dissection due to 6.5-Fr Sheathless Guiding Catheter Occurring during the Final Injection of Contrast Medium Norimasa Taniguchi

**2:40 PM** A Case of Two Double Wire Technique *Shinji Tayama* 

2:50 PM Best Challenging Case Selection & Announcement

## Complex PCI II

Moderators: Soo-Teik Lim, Byung-Hee Oh Panelists: Do Hoi Kim, Myeong Kon Kim, Abdullah Al Shafi Majumder, Hesong Zeng

 $3:\!00~PM$  Pericardial Tamponade due to Extravasation from LAD

Gustavs Latkovskis

**3:10 PM** Easy Getting in but Hard to Get It out... Dick Chi Yeung Cheung

**3:20 PM** Coronary Stent Fracture during Post Dilatation IVUS Images and Management *Jayesh Bhaskaran* 

**3:30 PM** Bidirectional Dissection of the Right Coronary Artery and the Ascending Aorta during PCI Chang-Burn Park

**3:40 PM** Best Challenging Case Selection & Announcement

## Complex PCI III

Moderators: Doo II Kim, Satoru Otsuji Panelists: Roberto Baglini, Saurab Goel, Fazila Tun-Nesa Malik

**4:00 PM** A Case of Unprotected Left Main Intervention Complicating Acute Stent Thrombosis Gary, Shing-him Cheung

**4:10 PM** A Bail-Out Case with RCA Distal Spiral Dissection Using 4Fr KIWAMI Catheter Yuii Sakanoue

**4:20 PM** A Case to Argue Against the Use of a Drug Eluting Stent Rajagopal Jambunathan

**4:30 PM** A Case of Catastrophic Left Main Coronary Dissection

Ae-Young Her

**4:40 PM** Best Challenging Case Selection & Announcement

## Complex PCI IV

Moderators: Yasumi Igarashi, Michael Kang-Yin Lee Panelists: Debasis Ghosh, Linda Lison, Andrew D. Small, Kwok Hing Yiu

**5:00 PM** Left Main Stent Distortion during Primary PCI in 23 Year Old Young Man Sharma Mridul

**5:10 PM** A Bailed Out Case of PCI for Spiral Dissection of LMT and LCA Shozo Ishihara

**5:20 PM** Successful Transfermoral Percutaneous Coronary Intervention after Failed Transradial Intervention in Patient with Tortuous and Angulated Lesion *Won Suk Choi* 

**5:30 PM** Magnetic Navigation System with Rescue Rotablation

You Chun Huang

**5:40 PM** Use of the Venture Wire Control Catheter to Faciliate Intervention for Complex Lesion Sang-Ho Park

**5:50 PM** Best Challenging Case Selection & Announcement

6:00 PM Adjourn

# Moderated Complex Case Competition

Case Zone (Ida II), Level B1 2:00 PM-6:00 PM

## Complex PCI XIII

Moderators: Fumiaki Ikeno, Hee-Yeol Kim Panelists: Andy Wai-Kwong Chan, AHM Waliul Islam, Chan Joon Kim, Yongjian Wu

**2:00 PM** Triple Vessel CAD in a Patient with Carotid Stenosis *Hung-Chi Ho* 

2:10 PM Antegrade Approach Using "Open Sesame Technique" with Tapered Wire for Aberrant RCA CTO Lesion Masahito Yano 2:20 PM A Case of Septal Channel Perforation during Retrograde Approach for RCA CTO Treated with Coil Embolization

Daisuke Morisawa

2:30 PM Acute Myocardial Infarction with Congenital Absence of Left Circumflex Coronary Artery Jincheng Guo

2:40 PM Intervention in Extensive Atherosclerosis of Aorta Rajeev Garg

2:50 PM Best Challenging Case Selection & Announcement

## Complex PCI XIV

Moderators: Alaide Chieffo, Sang Wook Kim Panelists: Ben He, Aftab Khan, Shams Munwar

**3:00 PM** Reverse CART Intervention of Severe Calcified RCA CTO Yoshiyuki Yazaki

**3:10 PM** Successful Recanalization of CTO in the Proximal LAD via SVG in Patient after CABG *Hitoshi Anzai* 

**3:20 PM** Management of latrogenic Coronary Spasm Raieev Gara

**3:30 PM** Direct PCI of Giant RCA Bifurcation Lesion with Massive Thrombosis; Thrombectomy + T-stenting Sung Kee Ryu

**3:40 PM** Best Challenging Case Selection & Announcement

## Complex PCI XV

Moderators: I Chang Hsieh, Young Jo Kim Panelists: Po-Ching Chou, Andrew B. McCann, Kenji Wagatsuma, Aaron Wong

**4:00 PM** A Case of Hematoma in the Left Main Coronary Artery during the Intervention for the Chronic Total Occluded Lesion in the Ostium of Left Anterior Descending Artery *Yoshinobu Murasato* 

**4:10 PM** Chronic Totally Occluded Lesion Behind a False Channel Connection to Diagonal Branch Created by Previous Intervention *Yi-Chih Wang* 

**4:20 PM** Primary Angioplasty Involving Left Main Shailender Singh

# WEDNESDAY 27

**4:30 PM** Primary Percutaneous Coronary Intervention for Acute ST Segment Elevation Myocardial Infarction due to Saphenous Vein Graft Occlusion *Yen-Hung Lin* 

**4:40 PM** A Case of Acute Myocardial Infarction Causing the Obstruction at Giant Coronary Atherosclerotic Aneurism *Yoshiki Nagata* 

**4:50 PM** Best Challenging Case Selection & Announcement

## Complex PCI XVI

Moderators: Keum Soo Park, Alan C. Yeung Panelists: Vivek Mehan, Kenya Nasu, Hoon Ki Park, Kuang Te Wang

**5:00 PM** Successful CTO PCI Case by Open Sesame Method Wataru Nagamatsu

**5:10 PM** Salvage Percutanous Coronary Intervention for Traumatic Left Main Transection

Ying-Hsien Chen

**5:20 PM** Gelfoam Embolization of a Distal Coronary Artery Wire Perforation *Teiko Arai* 

**5:30 PM** A Case of V-stenting Gone Wrong Shiv Bagga

**5:40 PM** Culotte and Crush Strategy Change during PCI Complication Weijie Li

5:50 PM Best Challenging Case Selection & Announcement

6:00 PM Adjourn

## Satellite Symposia

## Meet the Experts over Breakfast

7:00 AM-8:10 AM

# Bifurcation Intervention: "Optimizing Stenting Technique"

Organized by CVRF and Supported by Educational Grant from Boston Scientific Korea

Coronary Arena, Level 1

Moderators: Andrejs Erglis, William F. Fearon
Panelists: Shaoliang Chen, Hsiao-Yang Cheng,
Angela Hoye, Tao Hu, Kiyotaka Iwasaki, Bon-Kwon Koo,
Indulis Kumsars, Song Lin, Jinghua Liu, Akiko Maehara,
Ashok B. Malpani, Issam D. Moussa, Toshiya Muramatsu,
Yoshinobu Murasato, Gaku Nakazawa, Ramdas Nayak,
Sreenivas Reddy, S., Imad Sheiban, Yoshihisa Shimada,
Subban Vijaykumar, Kok Meng Yee

7:00 AM Morphology and Distribution of Atherosclerotic Plaque

Gakı I Nakazawa

**7:10 AM** Gap Between Anatomy and Function William F. Fearon

**7:20 AM** Insights from FFR and IVUS for Bifurcation PCI! Soo-Jin Kang

7:30 AM Is There Any Impact of Intravascular Ultrasound on Clinical Outcome in Bifurcation Tretament?

Imad Sheiban

7:40 AM Panel Discussion and Q & A

8:10 AM Adjourn

# Revascularization Strategies in Diabetic Patients: "Diabetic Paradox: Is It Real?"

Organized by CVRF and Supported by Educational Grant from Abbott Vascular

## Endovascular Arena, Level 1

Moderators: Takeshi Kimura, Gregg W. Stone
Panelists: Wook Sung Chung, Natsuhiko Ehara,
James Flaherty, Kyoo-Rok Han, Vuppaladadhiam
Hariram, David Richard Holmes, Soon Jun Hong,
Kee-Sik Kim, Spencer B. King III, Philip Siam Soon Koh,
B. Jayakumar, Seung-Whan Lee, Do-Sun Lim,
Rajan Joseph Manjuran, Ichiro Michishita,
T R Muralidharan, Seungwoo Park, Taro Saito,
Krishnan Suresh, Kin Ming Tam, Nobuhiro Tanaka

7:00 AM Comparison of Sirolimus-eluting vs.
Everolimus-eluting Stents in Diabetic and Non-Diabetic
Patients: Results from the IRIS-DES Registry and the
ESSENCE-DIABETES Clinical Trial
Seung-Whan Lee

**7:10 AM** Differential Treatment Effects of PCI vs. CABG in Diabetic and Non-Diabetic Patients David Richard Holmes

**7:20 AM** Is Diabetis Influence Different According to the Ethnics? Data From J-Cypher Registry *Takeshi Kimura* 

7:30 AM Optimal Management for Diabetic Patients with Ischemic Heart disease; Medical, Percutaneous, or Surgical Treatment
Spencer B. King III

7:40 AM Panel Discussion and Q & A

8:10 AM Adjourn

# Percutaneous Valve Therapy: "Current and More"

Organized by CVRF

Room 1-1, Level 1

Moderators: Maurice Buchbinder, Ted Feldman, August D. Pichard

Panelists: Paul T.L. Chiam, Jung Rae Cho, Mohammed Omar Galal, Juan Granada, Fumiaki Ikeno, Won-Jang Kim, Michael Kang-Yin Lee, Abdullah Al Shafi Majumder, Sanjeevan Pasupati, Andrew D. Small, Corrado Tamburino

**7:00 AM** Percutaneous Therapy for Mitral Regurgitation Ted Feldman

**7:10 AM** Progress Toward a Percutaneously Adjustable Mitral Ring: Micardia *Maurice Buchbinder* 

**7:20 AM** Imaging for TAVI Follow-up Won-Jang Kim

**7:25 AM** Why Should I Consider Two Different Approaches to tAVR August D. Pichard

7:35 AM Panel Discussion and Q & A

8:10 AM Adjourn

# Door to Device - Optimizing Outcomes with Mechanical Support in Cardiogenic Shock

Organized by CVRF and Supported by Educational Grant from Maquet Medical Korea

Room 2-1, Level 2

Moderator: Tilman Schwab
Panelists: Chul-Min Ahn, Jung-Min Ahn, Jin Ho Choi,
Chiayu Chou, Anand Gnanaraj, Xinming Li, Axel Neitzert,
Nanda Kishore Panigrahi, Parminder Singh,
Hongbing Yan, Cheol Woong Yu

**7:00 AM** Introduction: Guideline Compliance, Utilization, Trends and Device Selection *Tilmann Schwab* 

**7:20 AM** Does the Timing of IABP Matter? Jung-Min Ahn

**7:40 AM** Would More Augmentation Be Beneficial? *Axel Neitzert* 

8:00 AM Take-home Message Tilmann Schwab

8:10 AM Adjourn

## STEMI Now: Same Story, Different Tales

Organized by CVRF

Room 3-1, Level 3

Moderator: Stephen G. Ellis, Mun Kyung Hong
Panelists: Francisco J. Ayala, Jae Woong Choi,
Sajid Dhakam, Robbert De Winter, Doni Firman,
Hee Hwa Ho,l Chang Hsieh, Myung-Ho Jeong,
Narasaraju Kavalipati, Ju Han Kim, Kyung Soo Kim,
Yu-Lin Ko, Rohit Khurana, Pramod Kumar Kuchulakanti,
Manoj Kumar, Michael J.B. Kutryk, Yuk Kong Lau,
Cheol Whan Lee, Oteh Maskon, Ajit Mullasari,
Yuichi Noguchi

PCI after Successful Fibrinolysis

**7:00 AM** Routine Early *Mun Kyung Hong* 

**7:10 AM** Selective Delayed Stephen G. Ellis

Thrombus Aspiration before PCI

**7:20 AM** Routine Mandatory Robbert De Winter

**7:30 AM** Selective Optional *Myung-Ho Jeong* 

7:40 AM Panel Discussion and Q & A

8:10 AM Adjourn

# Evolving Antiplatelet Therapy: "New Pharmacologic Options for ACS and PCI Patients"

Organized by CVRF

Tutorial Arena, Level 4

Moderators: Roxana Mehran, Ron Waksman
Panelists: Yunseok Choi, David J. Cohen,
Vidhut Kumar Jain, Dong Woon Jeon, Hyo-Soo Kim,
Moo Hyun Kim, Nobuyuki Komiyama, Shin Eun Lee,
Yohei Ohno, Duk-Woo Park, Jae Hyeong Park,
Kyung Woo Park, Kanchanahalli Siddegowda Sadanand

**7:00 AM** Pharmacogenetic Debates in Antiplatelet Therapy Guillaume Pare

**7:10 AM** Optimal Regiment or Duration of Anti-platelet Therapy: Dual vs Triple, 6 vs 12 Months *Hyo-Soo Kim* 

**7:20 AM** Relative and Absolute Positive Indication of Prasugrel and Ticagrelor Beyond Clopidogrel: Clinical Care and Cost Implications *David J. Cohen* 

7:30 AM Impact of Bleeding and Tailored or Personalized Antiplatlet Therapy to Reduce Bleeding in ACS or PCI Patients: From Clopidogrel to Prasugrel and Ticagrelor

**7:40 AM** Role of Genotyping and Point-of-Care Testing in Clopidogrel, Parsugrel, and Ticagrelor

Ron Waksman

7:50 AM Panel Discussion and Q & A

8:10 AM Adjourn

## **Lunchtime Activities**

12:50 PM-1:50 PM

Safety, First

Organized by CVRF and Supported by Educational Grant from Abbott Vascular

Coronary Arena, Level 1

Moderators: Seung Jung Park, Gregg W. Stone Panelists: Jei Keon Chae, Yoon Sin Chong, Kook-Jin Chun, Jung-Ho Heo, Kee-Sik Kim, Sanjeeb Roy, Peruvamba Raman Vydianathan, Chris Kwok Yiu Wong, Cheol Woong Yu, Tae Jin Youn, P R Vadiyanathan

**12:50 PM** Xience Platform Safey Update *Gregg W. Stone* 

**1:10 PM** Meta Analysis Results of EES vs SES *Hyo-Soo Kim* 

**1:30 PM** K Xience Registry Results Young-Hak Kim

1:50 PM Adjourn

# Clinical Applications for the PRO-HEALING Genous Stent

Organized by CVRF and Supported by Educational Grant from OrbusNeich Medical Korea

Endovascular Arena, Level 1

Moderator: Myung-Ho Jeong

**12:50 PM** Opening Address *Myung-Ho Jeong* 

**12:55 PM** Genous, Evidence from Clinical Trials Robbert De Winter

1:10 PM Tailored PCI for Non-deferrable Non-Cardiac Surgery Patient - An OCT Experience Jin-Man Cho

1:25 PM Use of Endothelial Progenitor Cell Capture Stent in Patients with ST-segment Elevation Myocardial Infarction

Huay Cheem Tan

 $\begin{tabular}{ll} \bf 1:40~PM~~Q~\&~A~Followed~by~Closing~Remarks\\ \it Myung-Ho~Jeong \end{tabular}$ 

1:50 PM Adjourn

# WEDNESDAY 27

## Current and Emerging Strategies in Antiplatlet Therapy for Acute Coronary Syndrome

Organized by CVRF and Supported Through an Unlimited Educational Grant from Daiichi-Sankyo Korea & Lilly Korea

### Room 1-1, Level 1

Moderator: Ki Bae Seung Panelists: David J. Cohen, Hyeon-Cheol Gwon, Myeong-Ki Hong, Kyung Woo Park, Matthew Price, Alan C. Yeung, Junghan Yoon

## Is It Real? Cytochrome P450 Genetic Polymorphisms, Varying Response to Clopidogrel, and Link to Clinical Outcomes

**12:50 PM** Global Perspective Alan C. Yeung

1:00 PM Korean Perspective Kyung Woo Park

## How to Overcome the Challenges?

**1:10 PM** Double the Dose? *Matthew Price* 

1:20 PM New Agents - Prasgurel

1:40 PM Discussion

1:50 PM Adjourn

## Evolution of Low Injury Design Concept Coronary Stent Systems - NexGen & BioMime

Organized by CVRF and Supported by Educational Grant from Meril Life Sciences

Room 2-1, Level 2

Moderators: Pawel E. Buszman, Upendra Kaul, Teguh Santoso

**12:50 PM** Evolution of Novel Hybrid Design Stent - NexGen *Imad Sheiban* 

**1:00 PM** NexGen - Polish Clinical Experience *Pawel E. Buszman* 

**1:10 PM** Evolution of BioMime - Sirolimus Eluting Stent Wojtek Wojakowski

**1:25 PM** BioMime - Indian Clinical Experience Upendra Kaul

1:40 PM Q & A and Discussion

1:50 PM Adjourn

# Interventional Medicine: The Next Decade

Organized by CVRF and Supported by Educational Grant from Medtronic Co, Ltd.

Room 3-1, Level 3

Moderator: Martin B. Leon
Panelists: Taehoon Ahn, Young-Keun Ahn,

Panelists: Taehoon Ahn, Young-Keun Ahn, In-Ho Chae, Jong-Seon Park, Woo Jung Park

**12:50 PM** Welcome Address Martin B. Leon

**12:53 PM** Resolute Clinical Update *Yangsoo Jang* 

**1:08 PM** Current & Future Stent Design for DES *David E. Kandzari* 

1:23 PM Beyond DES: Peripheral Vascular Disease, TAVI and Hypertension Martin B. Leon

1:38 PM Panel Q&A

1:50 PM Adjourn

## What Is Optimal Treatment for the Longterm Patients' Outcome?

Organized by CVRF and Supported by Educational Grant from Bristol Myers Squibb

Tutorial Arena, Level 4

Moderator: Dong Joo Oh

**12:50 PM** Opening Address Dong Joo Oh

**12:55 PM** How to Manage Clopidogrel Resistance in Clinical Practice
Seung-Woon Rha

1:15 PM Interaction of CYP2C19 Polymorphism and Clopidogrel Response in Korean Population Kiyuk Chang

1:35 PM Q&A

1:50 PM Adjourn

## Atheroscrelosis & Cell Therapy

Organized by CVRF Room 4-1, Level 4

Moderators: Gou Young Koh, Jeong Euy Park Panelists: Stephen G. Ellis, Ki Hoon Han, Han Cheol Lee

**12:50 PM** Assembly Blood Vessel Formation with SVF of Adipose Tissue *Gou Young Koh* 

1:05 PM Adipose Tissue Derived Mesenchymal Stem Cell Therapy for Critical Limb Ischemia Han Cheol Lee

**1:20 PM** Cell Therapy to Coronary Artery Disease Stephen G. Ellis

1:35 PM Q & A

1:45 PM Adjourn

## **Evening Symposium**

6:30 PM-8:30 PM

## Learned from Real Practice: Experts' Case Presentations and Discussions I

Co-sponsored by CVRF

Room 3-1, Level 3

Moderators: Spencer B. King III, Seung-Jung Park, Patrick W. Serruvs

Panelists: Young-Keun Ahn, Maurice Buchbinder, Yun-Dai Chen, Bernard Chevalier, William F. Fearon, Junko Honye, Upendra Kaul, June Hong Kim, Vincent On-Hing Kwok, Seung-Whan Lee, Mohamed Sobhy, Ron Waksman, Alan C. Yeung, Robaavah Zambahari

6:00 PM Dinner

**6:30 PM** Case 1: Angina Presenting a Huge Problem Spencer B. King III

6:38 PM Panel Discussion

**6:45 PM** Case 2: A Complex Case of Left Main Disease *Maurice Buchbinder* 

6:53 PM Panel Discussion

7:00 PM Case 3: Modified Reverse CART Technique in a CTO Intervention Vincent On-Hing Kwok

7:08 PM Panel Discussion

**7:15 PM** Case 4: Use of OCT in Treating a LAD/Diagonal Bifurcation Lesion Alan C. Yeung

7:23 PM Panel Discussion

7:30 PM Case 5: Instent Restenosis of a DES-Management and Follow up Upendra Kaul

7:38 PM Panel Discussion

 $\textbf{7:45 PM}\ \text{Case 6: OH}\ ...\ \text{My GOD: It was an Incredible}$  Story.

Mohamed Sobhy

7:53 PM Panel Discussion

**8:00 PM** Case 7: Usefulness of Anchoring Technique in Cases of Retrograde Approach for CTO Combined with LMT Disease *Toshiya Muramatsu* 

8:08 PM Panel Discussion

**8:15 PM** Case 8: PCI Very Tortous LIMA Robaayah Zambahari

8:23 PM Panel Discussion

8:30 PM Adjourn

#### Learned from Real Practice: Experts' Case Presentations and Discussions II

Co-sponsored by CVRF

Tutorial Arena, Level 4

Moderator: Eberhard Grube, Barry D. Rutherford Panelists: Jei Keon Chae, Chi Kin Chan, Guo Sheng Fu, Junbo Ge, Angela Hoye, Seung-Ho Hur, David G. Iosseliani, Cheol Whan Lee, Jae-Hwan Lee, Michael S. Lee, Raj Makkar, Gary S. Mintz, Duk-Woo Park, Augusto D. Pichard, Hany Ragy, Teguh Santoso

6:00 PM Dinner

**6:30 PM** Case 1: "Sepal Wire Technique"- A Novel Technique for Aorto-ostial Left Main Stenting Chi Kin Chan

6:38 PM Panel Discussion

**6:45 PM** Case 2: Case Presentation of the First Restenosed Core Valve Prosthesis: Treatment Solution! Eberhard Grube

6:53 PM Panel Discussion

**7:00 PM** Case 3: True Bifurcation LM Stenosis (Medina 1,1,1) with Very Extensive Calcification: CABG or PCI? Teguh Santoso

7:08 PM Panel Discussion

**7:15 PM** Case 4: Disaster after Retrograde Approach during CTO Procedure *Junbo Ge* 

7:23 PM Panel Discussion

**7:30 PM** Case 5: Aortic Valvuloplasty Case Augusto D. Pichard

7:38 PM Panel Discussion

7:45 PM Case 6: Emergent PCI During Prolonged CPR Michael S. Lee

7:53 PM Panel Discussion

**8:00 PM** Case 7: Left Main PCI: Keep It Simple? *Raj Makkar* 

8:08 PM Panel Discussion

**8:15 PM** Case 8: Bifurcation PCI; Refer to CABG, or to a More Experienced Operator? Hany Ragy

8:23 PM Panel Discussion

8:30 PM Adjourn

Save the Dates! 2012 Jan.6-7 GING & PHYSIOLOGY SUMMIT

January 6-7, 2012 Asan Medical Center, Seoul, Korea

# Thursday | April 28, 2011

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## **THURSDAY 28**

#### Main Arena

Vista Hall, Level B2 8:30 AM-6:00 PM

#### Live Case Session 4

Moderators: Pawel E. Buszman, Ted Feldman, Martin B. Leon

Discussants: Jilin Chen, Kelichi Igarashi, Yangsoo Jang, Kee-Sik Kim, Michael J.B. Kutryk, Ajit Mullasari, Matthew Price, Chris Kwok Yiu Wong

8:30 AM Asan Medical Center, Korea Case #7, #8, #9

## Main Session 3 "Late Breaking Clinical Trials"

Moderators: Stephen G. Ellis, Spencer B. King III

**9:30 AM** Zilver PTX Randomized Trial of Paclitaxel-Eluting Stents for Fernoropopliteal Artery Disease: 24-Month Update

Mark W. Burket

**9:42 AM** Evaluation of Left Main Revascularization by CT Angiography from PRECOMBAT Trial Joon Won Kang

**9:54 AM** Dynamic Change of Wall Shear Stress after Stenting Bifurcation Lesions: Subgroup Analysis from DKCRUSH-II Trial Shaoliang Chen

10:06 AM Impact of Angiographic Complete Revascularization after Drug-Eluting Stent Implantation or Coronary Artery Bypass Surgery for Multivessel Coronary Disease

Young-Hak Kim

**10:18 AM** Moving Towards Biomimicry-Development of Novel BioMime™ Sirolimus Eluting Coronary Stent System *Upendra Kaul* 

#### Live Case Session 5

Moderators: Spencer B. King III, Ron Waksman Discussants: David G. Iosseliani, Mun Kyung Hong, Moo Hyun Kim, Mitchell W. Krucoff, Hyuck Moon Kwon, Soo-Teik Lim, Sunao Nakamura, Mohamed Sobhy, Renu Virmani, Hongbing Yan

10:30 AM Wonju Christian Hospital, Korea

**11:00 AM** Asan Medical Center, Korea Case #10, #11, #12

## Main Session 4 "Antiplatelet Controversy"

Moderators: Jae-Ki Ko, Ron Waksman
Panelists: Guillaume Pare, Matthew Price, Ki Bae Seung

#### Evolving Genotyping and Platelet Function Test: Personalized Antiplatelet Therapy Possible in Real Practice?

**12:00 PM** [Web-based Lecture] Pros *Marc Sabatine* 

**12:12 PM** Cons Guillaume Pare

12:24 PM Panel Discussion

12:30 PM Adjourn

12:45 PM Lunchtime Activities

#### Live Case Session 6

Moderators: Richard R. Heuser, Seong-Wook Park Discussants: Charles Chan, Gian Battista Danzi, Guo Sheng Fu, Kazuki Fukui, Saurab Goel, Myung-Ho Jeong, Ping-Han Lo, Raj Makkar, Yoichi Nozaki, Ju-Pin Pan

2:00 PM Asan Medical Center, Korea Case #13. #14. #15

## Main Session 5 "Now and the Future 1"

#### Intervantional Pharmacology

Moderators: Stephen G. Ellis, Gregg W. Stone Panelists: David J. Cohen, Guillaume Pare, Matthew Price

**3:00 PM** Interventional Pharmacology *Matthew Price* 

3:10 PM Panel Discussion

#### **Coronary Intervention**

Moderators: Barry D. Rutheford, Patrick W. Serruys Panelists: Alaide Chieffo, David Richard Holmes, Seung-Jung Park

**3:20 PM** Coronary Intervention David Richard Holmes

3:30 PM Panel Discussion

## Valvular Heart Disease & Adult Congenital Intervention

Moderators: Ted Feldman, Martin B. Leon Panelists: Howard A. Cohen, Maurice Buchbinder, Eberhard Grube, Augusto D. Pichard

3:40 PM Valvular Heart Disease & Adult Congenital Intervention

Augusto D. Pichard

3:50 PM Panel Discussion

#### Live Case Session 7

Moderators: Barry D. Rutherford, Gregg W. Stone Discussants: Juan Granada, Kyoo-Rok Han, Seung-Hwan Lee, Simon Lo, Yves R. Louvard, Toshiya Muramatsu, Teguh Santoso, Harry Suryapranata, Kin Ming Tam, Takafumi Ueno

**4:00 PM** Institut Hospitalier Jacques Cartier, Massy, France

4:30 PM Asan Medical Center, Korea Case #16, #17, #18

## Main Session 6 "Now and the Future 2"

#### Cardiovascular Imaging

Moderators: Takashi Akasaka, John McB. Hodgson Panelists: Junko Honye, Ik-Kyung Jang, Akiko Maehara

**5:30 PM** Cardiovascular Imaging *Akiko Maehara* 

5:40 PM Panel Discussion

#### **Endovascular Intervention**

Moderators: John R. Laird, Jr, Andrej Schmidt Panelists: Mark W. Burket, Gian Battista Danzi, Richard R. Heuser, Paul Hsien-Li Kao, Seong-Wook Park, Kishore Sieunarine

**5:50 PM** Endovascular Intervention *John R. Laird, Jr* 

6:00 PM Panel Discussion

6:10 PM Adjourn

#### **Coronary Arena**

Mugunghwa Hall 1, Level 1 8:30 AM-6:00 PM

#### Coronary Session 3 Left Main & Bifurcation Summit

Co-organized by APSIC & CIT

#### **Bifurcation Summit**

Moderators: Yves R. Louvard, Robaayah Zambahari Panelists: Angela Hoye, Soo-Jin Kang, Bon-Kwon Koo, Yoshinobu Murasato

**8:30 AM** Classic Crush Is Enough! *Angela Hoye* 

**8:42 AM** Crush Needs Modification! Shaoliang Chen

**8:54 PM** How to Improve Outcomes: Prognostics Factors of Bifurcation Stenting Young-Hak Kim

**9:06 AM** IVUS-Guided Provisional Stenting: Plaque or Carina Shift

Soo-Jin Kang

**9:18 AM** FFR-Guided Provisional Stenting: Ischemia or Stenosis

Bon-Kwon Koo

**9:30 AM** Kissing Balloon Inflation in Single- or Two-Stent Bifurcation Stenting Yoshinobu Murasato

**9:42 AM** One Stent or Two Stents in Coronary Bifurcations: Evidence-Based Medicine Review *Yves R. Louvard* 

9:54 AM Panel Discussion

#### Left Main Summit

Moderators: Patrick W. Serruys, Gregg W. Stone Panelists: Pawel E. Buszman, Antonio Colombo, Seung-Jung Park, Imad Sheiban, Corrado Tamburino

**10:06 AM** Is Angiography Enough To Guide LMT PCI? 'Functional Approach Should Be Considered!' Seung-Jung Park

**10:18 AM** Technical Approach for Left Main Disease *Antonio Colombo* 

**10:30 AM** Updated Guideline of LM PCI: Three-Year Follow-up of SYNTAX LM Subgroup Analysis Patrick W. Serruys

10:42 AM Reflections on the Ideal Risk-Stratification
Tool: Beyond the SYNTAX Score
Corrado Tamburino

**10:54 AM** Pre-COMBAT: LM Disease Revascularization PCI vs. CABG Randomization Study Seung-Jung Park

**11:06 AM** The EXCEL Trial Gregg W. Stone

11:18 AM Panel Discussion

11:30 AM Adjourn

#### Live Case Session 2

Moderators: Maurice Buchbinder, Alan C. Yeung Discussants: Jang-Ho Bae, Jiyan Chen, Bernard Chevalier, Qing He, Percy Parvez Jokhi, Upendra Kaul, Shuzheng Lu, Masahisa Yamane

11:30 AM Wonju Christian Hospital, Korea

12:30 PM Lunchtime Activities

#### Coronary Session 4 Highlights of ACC-i2 Summit 2011

Co-Organized by ACC i2 and CRF Moderators: David Richard Holmes, Barry D. Rutheford

**2:00 PM** Platelet Function Testing and Outcomes David E. Kandzari

2:12 PM What Are the Longer Term Results of Percutaneous Mitral Valve Repair? What Role Will It Play? Ted Feldman

2:24 PM PARTNER Percutaneous Transaortic Valve Implantation: What Have We Learned?

Martin B. Leon

2:36 PM DES vs CABG in 3-Vessel and Left Main Disease - The Patient's Perspective David J. Cohen

2:48 PM Discussion and Q & A

3:00 PM Adjourn

#### Coronary Session 5 CCT Meeting @ ANGIOPLASTY SUMMIT-TCTAP 2011: Complex CTO Interventions

Co-Organized by CCT Moderators: Etsuo Tsuchikane, Masahisa Yamane

**3:00 PM** The Imaging Modality for CTO Procedures Eisho Kyo

**3:12 PM** The Next Level in Antegrade Approach *Masashi Kimura* 

**3:24 PM** The Latest Technique in Retrograde Approach *Yasushi Asakura* 

**3:36 PM** The Latest Technique in Endovascular CTO *Hiroyoshi Yokoi* 

3:48 PM Discussion

#### Coronary Session 6 New DES

Moderators: Patrick W. Serruys, Ron Waksman

**4:00 PM** New Device Technology: The Science of Future Workhorse Stents David E. Kandzari

**4:12 PM** DES Technologies: Evolution of BioMime *Renu Virmani* 

**4:24 PM** The BIOTRONIK Bioabsorbable Magnesium Scaffold DREAMS Ron Waksman

**4:36 PM** BIOMATRIX: Learned from the Three-Year LEADERS Trial Patrick W. Serruys

**4:48 PM** BIOFREEDOM: Polymer-Free Biolimus A9-Eluting Stents and Paclitaxel-Eluting Stents Eberhard Grube

#### Live Case Session 3

Moderators: Andrejs Erglis, Imad Sheiban Discussants: Paul Chan, Kook-Jin Chun, James Flaherty, Min Su Hyon, Yean-Teng Lim, Andrew B. McCann, Wan Azman B Wan Ahmad, Fuminobu Yoshimachi

**5:00 PM** Institut Hospitalier Jacques Cartier, Massy, France

6:00 PM Adjourn

## **THURSDAY 28**

#### **Endovascular Arena**

Mugunghwa Hall 2, Level 1 8:30 AM-6:15 PM

#### Endovascular Session 3 Abdominal Aortic Aneurysm

Moderators: Donghoon Choi, Richard R. Heuser

**8:30 AM** Challenging AAA Anatomy and Endovascular Management

Kishore Sieunarine

**8:42 AM** Identifying Complications and Its Management of Open and Endovascular AAA Repair *Richard R. Heuser* 

**8:54 AM** Dynamic and Static Organ Malperfusion: Preferred Endovascular Solution *Hyun-Ki Yoon* 

**9:06 AM** Endurant: 2 Year Single Center Experience and Results from Clinical Studies *Philippe Cuypers* 

9:18 AM Discussion

## Live Case Session 3 AAA & Carotid Intervention

Moderators: Tae-Won Kwon, Richard R. Heuser Discussants: Chiayu Chou, Farshad Shakerian Ghahferokhi, Jang Yong Kim, Jacques J. Koolen, Bong-Ki Lee, Manish Taneja

9:30 AM Asan Medical Center, Korea Case #5. #6

#### Endovascular Session 4 Carotid Disease

Moderators: Seong-Wook Park, Andrej Schmidt

**10:30 AM** Tailored Approach for Carotid Lesion Morphology Alone *John R. Laird, Jr* 

10:42 AM Does CREST Trial Change the Practice of Symptomatic Carotid Stenosis Andrei Schmidt

**10:54 AM** Is Protection Device Really Harmful? - Does the Type of Protection Device Matter?

Issam D. Moussa

**11:06 AM** Angioplasty and/or Stenting of Atherosclerotic Subacute Intracranial Artery Occlusion Dae Chul Suh

# Live Case Session 4 Carotid Intervention Moderators: Issam D. Moussa

Moderators: Issam D. Moussa, Eak-Kyun Shin Discussants: Kamaldeep Chawla, Paul T. L. Chiam, Dae Hyun Hwang, Seong-Rim Kim, Deok Hee Lee, Mao-Shin Lin, T Sasikanth

11:30 AM Asan Medical Center, Korea Case #7, #8

12:30 PM Lunchtime Activities

# Structural Heart Disease Symposium

## Valvular Heart Disease, PFO and LAA Closure

Moderators: Antonio Colombo, Horst Sievert
Panelists: Teiji Akagi, James Y. Coe, Kritvikrom
Durongpisitkul, Frank Ing, Samir Kapadia, Seong-Ho Kim,
Correcto Tamburino

2:00 PM Transcatheter Replacement of Pulmonary Valves with Melody Valves

James Y. Coe

**2:12 PM** TAVI-experience in Cleveland Samir Kapadia

2:24 PM Single Center Combined Experience with Core Valve and Saphien Valve

Antonio Colombo

2:36 PM Mid-term Outcomes Following Mitral Valve Repair with the Mitraclip System Corrado Tamburino

**2:48 PM** Evidence for PFO Closure in 2011 *Samir Kapadia* 

**3:00 PM** Left Atrial Appendage Closure - State of the Art

Horst Sievert

3:12 PM Panel Discussion

#### Live Case Session 5

Moderators: Frank Ing, Seong Ho Kim Discussants: Mazeni Alwi, Mohammed Omar Galal, Gi Young Jang, Toshio Nakanishi, Lan Hieu Nguyen, Horst Sievert, Jou-Kou Wang

3:30 PM Asan Medical Center, Korea
Case #9, ASD Operators: Bharat Dalvi, Jae-Young Choi,
TEE Reviewer: Jo-Won Jung
Case#10, ASD Operators: I-Seok Kang, Yun-Ching Fu
TEE Reviewer: Lucy Youngmin Eun

#### **CHD Session**

Moderators: Teiji Akagi, Elsa Suh Panelists: Hong Gu, Frank Ing, Soo-Jin Kim, Jacques Koolen, R. Krishna Kumar, Jin-Young Song, Manabu Taniguchi

#### Special Lecture

**4:30 PM** The Remarkable and Rapid Evolution of Congenital Therapeutic Cardiac Catheterization Charles E. Mullins

#### Cardiac Imaging during Intervention

**4:45 PM** Imaging during Aortic Valve Implant *Jacques Koolen* 

**4:57 PM** Assessing the Pulmonary Arteries: Angiography, CT and MRI Frank Ing

**5:09 PM** Anatomy of Atrial Septal Defect and 3D Imaging Toshio Nakanishi

**5:21 PM** 3D TEE and Transcatheter Closure of ASD *Manabu Taniguchi* 

**5:33 PM** Cardiac CT and Transcatheter Closure of ASD *Jin-Young Song* 

**5:45 PM** 2D and 3D Echo in Planning and Case Selection for VSD Closure *R. Krishna Kumar* 

5:57 PM Panel Discussion

6:15 PM Adjourn

11:18 AM Discussion

#### **Tutorial Arena**

Art Room, Level 4 8:30 AM-6:15 PM

#### Most Distinguished Studies 2010-2011 in the Interventional and Clinical Cardiology: Meet the Authors and Discuss with the Experts

Co-Sponsored by Clinical Research Center for Ischemic Heart Disease, The Ministry for Health, Welfare & Family Affairs

#### Imaging and Coronary Physiology

Moderators: William F. Fearon, Spencer B. King III
Panelists: Takashi Akasaka, Chi Kin Chan,
Marco A. Costa, John McB. Hodgson, Myeong-Ki Hong,
Sung Yun Lee, Akiko Maehara, Patrick W. Serruys

8:30 AM Incidence, Mechanisms, Predictors, and Clinical Impact of Acute and Late Stent Malapposition After Primary Intervention in Patients with Acute Myocardial Infarction: An Intravascular Ultrasound Substudy of the Harmonizing Outcomes with Revascularization and Stents in Acute Myocardial Infarction (HORIZONS-AMI) Trial Akiko Maehara

8:40 AM Panel Discussion

8:50 AM Evaluation of the Second Generation of a Bioresorbable Everolimus Drug-Eluting Vascular Scaffold for Treatment of De Novo Coronary Artery Stenosis: Six-Month Clinical and Imaging Outcomes Patrick W. Serruys

9:00 AM Panel Discussion

## Coronary Revascularization "Drug-Eluting Stent & High Lisk PCI"

Moderators: Bernard Chevalier, David E. Kandzari Panelists: Andrejs Erglis, Takeshi Kimura, Chih-Kuan Liao, Duk-Woo Park, Alan C. Yeung

9:10 AM Everolimus-Eluting versus Paclitaxel-Eluting Stents in Coronary Artery Disease (SPIRIT IV)

Greag W. Stone

9:20 AM Panel Discussion

**9:30 AM** Comparison of Zotarolimus-Eluting and Everolimus-Eluting Coronary Stents *Patrick W. Serruys* 

9:40 AM Panel Discussion

9:50 AM Comparisons of Baseline Demographics, Clinical Presentation, and Long-Term Outcome Among Patients With Early, Late, and Very Late Stent Thrombosis of Sirolimus-Eluting Stents Observations From the Registry of Stent Thrombosis for Review and Reevaluation (RESTART)

Takeshi Kimura

10:00 AM Panel Discussion

10:10 AM Long-Term Outcomes After Stenting Versus Coronary Artery Bypass Grafting for Unprotected Left Main Coronary Artery Disease: 10-Year Results of Bare-Metal Stents and 5-Year Results of Drug-Eluting Stents From the ASAN-MAIN (ASAN Medical Center-Left MAIN Revascularization) Registry Duk-Woo Park

10:20 AM Panel Discussion

**10:30 AM** Sirolimus-Eluting Stent versus Balloon Angioplasty for Sirolimus-Eluting Stent Restenosis: Insights From the J-Cypher Registry *Takeshi Kimura* 

10:40 AM Panel Discussion

## Antithrombotic and Antiplatelet Therapy "2C19 Polymorphism"

Moderators: Duk-Woo Park, Matthew Price Panelists: Alaide Chieffo, David J. Cohen, Takaaki Isshiki, Sang Gon Lee, Guillaume Pare, Kyung Woo Park, Marc S. Sabatine

**10:50 AM** Effects of CYP2C19 Genotype on Outcomes of Clopidogrel Treatment Guillaume Pare

11:00 AM Panel Discussion

11:10 AM [Web-based Lecture] Reduced-Function CYP2C19 Genotype and Risk of Adverse Clinical Outcomes Among Patients Treated With Clopidogrel Predominantly for PCI: Meta-anlysis

Marc. S. Sabatine

11:20 AM Panel Discussion

## Endovascular Intervention & Structural Heart Disease

Moderators: Richard R. Heuser, Horst Sievert Panelists: Chiayu Chou, Ted Feldman, Jacques J. Koolen, Martin B. Leon, Pil-Ki Min

11:30 AM Long-Term Outcome of Open or Endovascular Repair of Abdominal Aortic Aneurysm (DREAM Trial) Philippe Cuypers 11:40 AM Panel Discussion

11:50 AM Transcatheter Aortic-Valve Implantation for Aortic Stenosis in Patients Who Cannot Undergo Surgery

Martin B. Leon

12:00 PM Panel Discussion

12:10 PM Adjourn

12:30 PM Lunchtime Activities

#### **Imaging Workshop**

#### Invasive Imaging

#### PART I: Decision Making by IVUS and FFR

Moderators: William F. Fearon, Gary S. Mintz Panelists: Junbo Ge, Jung-Ho Heo, John McB. Hodgson, Amin Ariff Nuruddin, Nobuhiro Tanaka, Yukio Tsurumi, Takafumi Ueno

 $2:\!00~PM$  FFR Clinical Trials and Applications: Make the PCI Practice Changed

William F. Fearon

2:12 PM Long and Tandem Lesion Intervention: FFR Guided Spot Stenting Seung-Jung Park

2:24 PM Anatomic and Physiologic Asssessment of Side Branch Lesions John McB. Hodgson

2:36 PM Pre- and Post- Stenitng IVUS Assessment of LM Bifurcation Soo-Jin Kang

2:48 PM Assessment of DES Failure Using IVUS Gary S. Mintz

3:00 PM Discussion

## PART II: Vulnerable Plaque - Identification and Natural History

Moderators: Takashi Akasaka, Ik-Kyung Jang Panelists: So-Yeon Choi, Young Joon Hong, Seung-Ho Hur, Akiko Maehara, M Pauliina Margolis, Fun-Seok Shin

**3:10 PM** Lessons from PROSPECT and FAME: How Do We Apply Them to Clinical Practice?

James R. Margolis

**3:22 PM** Vulnerable Plaque: Lessons from PROSPECT for Next Generation Imaging Studies *Akiko Maehara* 

## **THURSDAY 28**

**3:34 PM** Procession and Regression of Atherosclerosis Assessed by OCT: Effect of Statin on TCFA

Takashi Akasaka

**3:46 PM** OCT Clinical Trials and Applications: What Have We Learned So Far? *Marco A. Costa* 

3:58 PM Discussion

#### PART III: OCT Focusing on DES Failure

Moderators: Marco A. Costa, Myeong-Ki Hong Panelists: Kenichi Fujii, Soo-Jin Kang, Chong-Jin Kim, Hironori Kitabata, Jun-ichi Kotani, Takashi Kubo, Yukio Ozaki, Yasunori Ueda

**4:08 PM** Risk of Stent Thrombosis: Angioscopic Viewpoint

Yasunori Ueda

**4:20 PM** Late Stent Malapposition / Stent Coverage in DES

lk-Kyung Jang

**4:32 PM** Long-Term OCT and VH-IVUS Follow-Up of BMS and DES: Neoatherosclerosis of In-Stent Neointima

Soo-Jin Kang

**4:44 PM** Evaluation and Prediction of Late and Very Late Stent Thrombosis by IVUS and OCT *Myeong-Ki Hong* 

**4:56 PM** Stented Lesion Assessment: Insights from Pathology to OCT *Renu Virmani* 

5:08 PM Discussion

## Non-invasive Imaging for Interventional Cardiologists

Moderators: James K. Min, Wm. Guy Weigold Panelists: Yeon Hyeon Choe, Jin Ho Choi, Howard A. Cohen, Joon-Won Kang, Samir Kapadia, Won-Jang Kim, Tae-Hwan Lim

**5:18 PM** For the CTO Intervention: Beyond Diagnosis and Treatment

Wm. Guy Weigold

 $\bf 5:\!30~PM~$  CT for Determining Lesion-Specific Ischemia: Role of Computed FFR

James K. Min

**5:42 PM** Useful Imaging for Planning and Implementation of Structural Heart Disease Intervention: ASD, VSD, PFO, and TAVI Samir Kapadia

**5:54 PM** 4D CT Reconstruction for Planning and Implementation of Structural Heart Disease Intervention *Howard A. Cohen* 

6:06 PM Panel Discussion

6:15 PM Adjourn

## Moderated Oral Abstract Competition

Abstract Zone, Level B3 8:30 AM~12:30 PM, 2:00 PM~6:00 PM

#### Complex PCI I

Moderators: Jin Yong Hwang, Augusto D. Pichard Panelists: Lung-Ching Chen, Aniket Puri, Takaaki Shiono, Atsushi Takagi

**8:30 AM** AS-026, Clinical Outcomes of Elective Left Main Coronary Artery Stenting in Hong Kong (Hong Kong Society of Transcatheter EndoCardiovascular Therapeutics Registry)

Man-Hong Jim

**8:40 AM** AS-035, Effectiveness and Long Term Results of Rotational Atherectomy in Heavily Calcified Left Main Bifurcation Lesions: Hard Plaque Preparation and the One Stent Technique *Gvöray Szabó* 

**8:50 AM** AS-028, Long-term Outcomes of Coronary Bifurcation Stenting with First-Generation Drug-Eluting Stents

Seung-Woon Rha

**9:00 AM** AS-030, "Flower Petal Stenting" with Sirolimus-Eluting Stent Implantation for the Treatment of Unprotected Left Main Bifurcation Lesions: 3-Year Follow-Up Outcome

Yoshihiro Takeda

9:10 AM Best Abstract Selection & Announcement

#### Complex PCI II

Moderators: Gim Hooi Choo, Hideo Nishikawa Panelists: Ki Hyun Byun, Debabrata Dash, Lam Kai Huat, Kenji Sadamatsu

**9:30 AM** AS-031, Effect of Various Types of Kissing Balloon Inflation on Configuration of Main Vessel Stent Morphology

Arunachalam Esakkisppan

**9:40 AM** AS-032, Major Determinants for Long-Term (5-year) Outcomes after Coronary Stent Implantation for Unprotected Left Main Disease *Hae Geun Song* 

**9:50 AM** AS-033, Validation of British Columbia-Percutaneous Coronary Intervention (BC PCI) Risk Score Using the Singapore Cardiac Data Bank Chin Yong Ang

10:00 AM AS-034, Impact of Therapy (medical versus revascularization) on the Long-Term Survival of Patients with Coronary Disease Including a Chronic Total Occlusion

Tamas Ungvari

10:10 AM Best Abstract Selection & Announcement

## Acute Myocardiac Infarction/Acute Coronary Syndrome III

Moderators: Juan Granada, Harry Suryapranata Panelists: Jei Keon Chae, B Jayakumar, Yu-Lin Ko

10:30 AM AS-020, Improvement in Door to Balloon time for Acute ST-Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention after appointment of Emergency Heart Disease Specialized Center

Deuk-Young Nah

10:40 AM AS-017, A High Loading Dose of Clopidogrel Reduces Myocardial Infarct Size in Patients Undergoing Primary Percutaneous Coronary Intervention: A Magnetic Resonance Imaging Study Young Bin Song

10:50 AM AS-009, Fasting Plasma Glucose were Associated with Left Ventricular Function in Older Patients with Acute Myocardial: Results from The BEAMIS Study

Yu-Jie Zhou

11:00 AM AS-019, Electrocardiographic Criteria for Predicting Dominant Circumflex as Culprit Artery in Inferior Wall Acute Myocardial Infarction

Jincheng Guo

11:10 AM Best Abstract Selection & Announcement

#### Structural Heart Disease

Moderators: Howard A. Cohen, Seong-Ho Kim Panelists: Hidehiko Hara, Samir Kapadia, Muhammad Munawar, Kin Lam Tsui

11:30 AM AS-039, Non-Randomised Comparison of 30-Day All-Cause Mortality after Surgical Aortic Valve Replacement and Transcatheter Aortic Valve Implantation for the Treatment of Severe Aortic Stenosis in High-Risk Patients: A Two-Centre Study Nicolas Dumonteil

11:40 AM AS-037, The Use of Balloon Aortic Valvuloplasty in the Management of Severe Aortic Stenosis in the Current Era Sanjeevan Pasupati

11:50 AM AS-040, Observed New Onset of Heart Block in the Self-Expandable and Balloon-Expandable Transcatheter Aortic Valve Implantation Michael Liang

12:00 PM Best Abstract Selection & Announcement

12:10 PM Adjourn

#### **Endovascular Intervention**

Moderators: Shigeru Nakamura, Bryan Ping-Yen Yan Panelists: Han Cheol Lee, Masami Sakurada, Takehiro Yamashita

2:00 PM AS-041, Endovascular Aneurysm Repair of AAA with Chimney Technique : Case Report Jang Yong Kim

2:10 PM AS-045, Retrospective Analysis of the Renal Artery Stenting for the Salvage of the Renal Function (REAL RAS study)

Yusuke Miyashita

2:20 PM AS-043, The Role of Ultrasonography of the Peripheral Arteries in Diagnosing Coronary Artery Disease

Basem Elsaid Enany

2:30 PM AS-125, BPolymer-Free Sirolimus and Probucol-Eluting Stent for Renal Artery: An Initial Experience in Swine Hongbing Yan

2:40 PM Best Abstract Selection & Announcement

#### **Drug-Eluting Stent I**

Moderators: Seung Uk Lee, Issam D. Moussa Panelists: Xinming Li, Gaku Nakazawa, Sang-Yong Yoo

**3:00 PM** AS-046, Comparison of the Efficacy and Safety of Everolimus-, Sirolimus-, and Zotarolimus-Eluting Stents in Patients with ST-Elevation Myocardial Infarction

Jae-Sik Jang

**3:10 PM** AS-047, The Late Catch-up Phenomenon after Sirolimus-eluting Stent Implantation based on Optical Coherence Tomography Analysis *Makito Ozawa* 

**3:20 PM** AS-048, In-Hospital Outcome of Patients with Acute Coronary Syndromes and Anemia at Presentation. Euro Heart Survey ACS III Registry (2006-2008)

Wojciech Wojakowski

**3:30 PM** AS-049, The Indonesia Siloam Registry:Titanium-Nitride-Oxide Coated Stents in Real World Experience *Antonia Anna Lukito* 

**3:40 PM** AS-050, Comparison of Drug-Eluting Stents for Unprotected Left Main Coronary Artery Disease in Patients with Acute Myocardial Infarction

Doo Sun Sim

3:50 PM Best Abstract Selection & Announcement

#### **Drug-Eluting Stent II**

Moderators: Michael S. Lee, Sunao Nakamura Panelists: Yasir Ahmed Ibrahim Beshir, Yoshihiro Morino, Sanjeeb Roy

**4:00 PM** AS-051, Comparison of the Efficacy and Safety of Paclitaxel-Eluting CoroflexTM Please Stent versus Paclitaxel-Eluting Stent in Patients with Coronary Artery Disease: The PIPA Randomized Controlled Trial *Jung-Min Ahn* 

**4:10 PM** AS-052, Angiographic Outcomes of Paclitaxel-Eluting Stents versus Bare-Metal and Sirolimus- Eluting Stents in Consecutive 5422 Followed-Up Lesions During these 7 Years: A Single Center Sutdy

Tetsuya Ishikawa

**4:20 PM** AS-053, Improving the Safety of Drug Eluting Stent Focusing on the Platform Design and Bio-Polymer Properties. Initial and Mid-Term Outcome of the REWAC Registry

Andrés Íñiguez

**4:30 PM** AS-054, Three Years Clinical Outcome of B2/C Type Isolated Proximal Left Anterior Descending Coronary Artery Disease in Elderly Patients Treated with Drug-Eluting Stents: A Prospective Single-Center Follow-Up Registry

Davran Cicek

**4:40 PM** AS-096, Persistent Efficacy and Safety of Firebird Sirolimus-Eluting Stent in Patients with Complex Coronary Lesions°™FIREMAN Registry 30-Month Clinical Outcomes Updates

Yan Li

4:50 PM Best Abstract Selection & Announcement

#### **Pharmacological Treatment**

Moderators: Young-Dae Kim, Yuk Kong Lau Panelists: Nobuyuki Komiyama, Changlin Lu, Haengnam Park, Feng Xu

**5:00 PM** AS-021, Application of Tirofiban in Percutaneous Coronary Intervention for ST Elevation Myocardial Infarction Patients

Jing Lu

**5:10 PM** AS-022, Effect of Triple Antiplatelet Therapy on Small Coronary Artery Treated with Zotarolimus Eluting Stent

Sang Yeub Lee

**5:20 PM** AS-023, Usefulness of the Platelet Aggregately Index in Predicting Atherothrombotic Event in Patient Undergoing Coronary Intervention Yoshiki Nagata

**5:30 PM** AS-074, Two-Year Clinical Efficacy of Rosuvastatin Compared with Other Potent Statins in Patients Undergoing Percutaneous Coronary Intervesion with Drug Eluting Stents

Ji Young Park

**5:40 PM** AS-025, Impact of Bolus Administration of Ascorbic Acid to Prevent Contrast Induced Nephropathy Undergoing Emergent Cardiovascular Procedure

Kota Komiyama

5:50 PM Best Abstract Selection & Announcement

6:00 PM Adjourn

## **THURSDAY 28**

## Moderated Complex Case Competition

Case Zone (Ida I), Level B1 8:30 AM~12:30 PM, 2:00 PM~6:00 PM

#### Complex PCI V

Moderators: Toshiya Muramatsu, Jong-Seon Park Panelists: Joon Sang Lee, Mohd Sapawi Mohamed, Kok Meng Yee, Qi Zhang

**8:30 AM** Life Threatening Air Embolism *Kuang Te Wang* 

**8:40 AM** Unusual Case of Ostial Left Main Stenosis after LAD Intervention

Laxmi Narsimha Pannala

**8:50 AM** IVUS Catheter-induced Intimal Dissection Apparent after Successful IVUS-guided Guide-wiring of an Angiographically Non-visualized Culprit Vessel during Primary PCI

Ki Dong Yoo

**9:00 AM** Entrapment of a Kinked Catheter in the Radial Artery during Transradial Coronary Angiography *T N C Padmanabhan* 

**9:10 AM** Stent Graft of Thoracic Aorta with Chimney Technique for Subclavian Artery in Post CABG Patient Setsuo Kumazaki

**9:20 AM** Best Challenging Case Selection & Announcement

#### Complex PCI VI

Moderators: Sang Wook Lim, Kui-Hian Sim Panelists: Dong Woon Jeon, Wataru Nagamatsu, Jong-Pil Park, Xuchen Zhou

**9:30 AM** Intervention in a Single Coronary Ostium from Right Coronary Sinus A Rare Experience Sunil Thanvi

**9:40 AM** PCI in an Anomalous RCA with It's Ostium Located Near the LCA Ostium with Posterior and Upward Take-off

AHM Waliul Islam

**9:50 AM** A New Challenging Buddy Wire Technique *Masaki Tanabe* 

**10:00 AM** PCI Performed Through Transulnar Approach *Qin Xuguang* 

**10:10 AM** Best Challenging Case Selection & Announcement

#### Complex PCI VII

Moderators: Jeong Hyun Kim, Robaayah Zambahari Panelists: Stanley Chia, N. A. M. Momenuzzaman, Jie Qian

**10:30 AM** Intracoronary Stent Misplacement *Biju Govind* 

**10:40 AM** Provisional TAP-Stenting Strategy to Treat Instent Restenotic Lesion

Yun-Kyeong Cho

**10:50 AM** Grafts Salvage: PCI to Occluded SVG Yoon Sin Chong

**11:00 AM** Suboptimal Stent Expansion of Bification Lesion?

Hsiao-Yang Cheng

**11:10 AM** How to Overcome Tortuous and Angulated Lesion; "Guide Wire Entrapment Method" Sun Hee Park

**11:20 AM** Best Challenging Case Selection & Announcement

#### Complex PCI VIII

Moderators: Yves R. Louvard, Motomaru Masutani Panelists: Kam Tim Chan, Yong Whan Lee, Yasuhiro Tanabe, Qin Xuguang

11:30 AM Management of "LOST" Unexpanded Stent in Coronary Artey

Biju Govind

**11:40 AM** Rescue Crushing Stent for LCx-OM Bifurcation Lesions

Hu Li

11:50 AM The Case of the Successed PCI for the Ostium CTO Lesion of the RCA by the Retrograde Approach

Daisuke Kamoi

**12:00 PM** Sub-intima Tracking or Undersizing? Lessons from a RCA-CTO Case

Feng Yu Kuo

**12:10 PM** Sequential Development of Acute Stent Thrombosis and Cardiac Tamponade after Drug-eluting Stenting for Acute Myocardial Infarction in a Patient with Clopidogrel Hyporesponsiveness

Doo Sun Sim

**12:20 PM** Best Challenging Case Selection & Announcement

12:30 PM Adjourn

#### Complex PCI IX

Moderators: Duncan Hung Kwong Ho, Naoto Inoue Panelists: Vivek Gupta, Hweung Kon Hwang, Binoy John, Li Wah Tam

2:00 PM Acute MI- Failed Thrombectomy Laxmi Narsimha Pannala

2:10 PM Primary PCI for a Patient with Sympathetic Storm Complicated with Acute Myocardial Infarction Xin Wang

2:20 PM How Should I Treat a Ectatic, Totally Occluded Right Coronary Artery Containing Huge Thrombus?

Afzalur Rahman

2:30 PM A Case of Acute Myocardial Infarction due to a Focal Acute Aortic Root Dissection Involving the Left Main Coronary Artery

Satoshi Yamamoto

2:40 PM A Case of STEMI Occurring in Young Female Patient with Giant Ectatic LAD Seok Hwan Kim

**2:50 PM** Best Challenging Case Selection & Announcement

#### Complex PCI X

Moderators: Andrejs Erglis, Mitchell W. Krucoff Panelists: Eric Cho Tek Hong, Ken Kozuma, Victor Lim, Tomoyuki Ota

**3:00 PM** Left Main Stenting without Guide Sai Sudhakar

**3:10 PM** A Challenging Case of Successful Minimum Contrast PCI for RCA-CTO

Ryosuke Kametani

 $\ensuremath{\mathbf{3:20~PM}}$  STEP CRUSH in Distal Left Main Bifurcation Lesion

Lu Cao

**3:30 PM** A Complex Lesion, Resolved in a Simple Way *Teh-Kuang Sun* 

3:40 PM Fatal Complication of Retrograde Approach and Impact of Various Antegrade Techniques on CTO-PCI

Daisuke Yokota

**3:50 PM** Best Challenging Case Selection & Announcement

#### Complex PCI XI

Moderators: Takaaki Isshiki, Myoung Mook Lee Panelists: Man-Hong Jim, Eisho Kyo, Jianping Li, Tewan Suwanich

**4:00 PM** Attenuated Plaque in the Stent Restenosis Mimicked Calcified Plaque

Yasuaki Koga

**4:10 PM** Severe Dissection after Balloon Breakage in LAD Calcification Lesion

Feng Cao

4:20 PM Sequential Bilateral Ostial Coronary Stenosis in Cardiovascluar Syphilis

Sang Yeub Lee

**4:30 PM** Deciding Culprit Vessel in Acute Inferior MI *Rajeev Garg* 

**4:40 PM** Successful PCI of Left Main, LAD and LCx in One Elderly Patient Suffering from Acute Myocardial Infarction with Cardiogenic Shock Shih-Hung Chan

**4:50 PM** Best Challenging Case Selection & Announcement

#### Complex PCI XII

Moderators: Si-Hoon Park, Bin Zhang Panelists: Yuji Hamazaki, Prakash Kumar Hazra, Hyunsang Lee, Anurag Sharma

5:00 PM Successful Recanalize RCA Ostium Instent CTO by Rotabator Wen-Jung Chung

5:10 PM Minimally Invasive Retrograde Approach for CTO with Single 6Fr Guiding Catheter Yoshihide Fujimoto

**5:20 PM** Mother & Child Catheter for Distal Device Delivery

Arunachalam Esakkisppan

5:30 PM The Single Coronary Artery Anomaly: The Left Main Coronary Artery Originating from the Proximal of Right Coronary Artery

Qin Xuguang

**5:40 PM** Best Challenging Case Selection & Announcement

5:50 PM Adjourn

## Moderated Complex Case Competition

Case Zone (Ida II), Level B1 8:30 AM~12:30 PM, 2:00 PM~6:00 PM

#### Complex PCI XVII

Moderators: Jun-Jack Cheng, Wasan Udayachalerm Panelists: Sahng Lee, Taro Saito, A P M Sohrabuzzaman, Yee Guan Yap

**8:30 AM** Bail-out Stent Ablation after Deployment in STEMI of Dialysis Patient *Jungo Furuya* 

**8:40 AM** You Win Some and Loose Others: Complications during PTCA Sanjeeb Roy

**8:50 AM** Primary PCI What Should I Do with This Artery? Ng Kok Huan

9:00 AM Left Main Stenting G L Sharma

**9:10 AM** Successful Management of Spiral Dissection Making Re-entry in a STEMI Case of Distal RCA *Yuya Nakagawa* 

**9:20 AM** Best Challenging Case Selection & Announcement

#### Structural Heart Disease

Moderators: Mazeni Alwi, Eun-Jung Bae Panelists: I-Seok Kang, Soo-Jin Kim, Hyoung Doo Lee, Lan Hieu Nguyen

**9:30 AM** Catheter Closure of Coronary Sinus Atrial Septal Defect Yasufumi Kijima

**9:40 AM** ASD Device Deployment in a Patient with Congenital Absence of IVC

Bhanu Duggal

**9:50 AM** A Case of Transcatheter Closure of Multiple Atrial Septal Defects with Three Amplatzer Septal Occluder Devices in a Elderly Female *Koji Nakagawa* 

**10:00 AM** Retrieval of Embolized PDA Coil Using Double Wire Technique *Arjun Adnaik* 

**10:10 AM** ASD in a Small Infant Who Was Stuck on a Ventillator with Bilateral Iliac Vein Obstruction Bharat Dalvi

**10:20 AM** Best Challenging Case Selection & Announcement

#### Endovascular Intervention I

Moderators: Seung Hyuk Choi, Junbo Ge Panelists: Osamu lida, Yutaka Koyama, Abdullah M.A Shehab, Tien-Yu Wu

**10:30 AM** Distal SFA Direct Puncture for SFA CTO, Compared with Other Distal Approach Techniques *Taketsugu Tsuchiya* 

**10:40 AM** Dual Route Approach to Right Common Illiac CTO Intervention with Sub Intimal Technique *Sreenivas Reddy.S.* 

**10:50 AM** Complex Percutaneous Coronary Intervention for Acute Coronary Syndrome in a Patient with Thoracic Aortic Aneurysm after Stent Graft Treatment *Zu-Yin Chen* 

11:00 AM Stenting Terminal Inferior Vena Cava in a Patient with Chronic Superior Vena Cava Obstruction Avman Saleh

11:10 AM New Method to Treat Iliofemoral Deep Vein Thrombosis; Pushing Balloon Technique (PBT)

Masashi Fukunaga

**11:20 AM** Best Challenging Case Selection & Announcement

#### Endovascular Intervention II

Moderators: Tsutomu Fujita, Young-Guk Ko Panelists: Motoharu Araki, Omar Ismail, Yong-Mo Yang

11:30 AM Successful True-Lumen Stetnting for the In-Stent Chronic Total Occlusion Occurred after Pseudo-Lumen Stenting in the Common Iliac Artery Takayuki Ishihara

11:40 AM PTA for CTO of RSFA and CTO of Right Infrageniculate Arteries

Chung-Ho Hsu

**11:50 AM** A Case of Right Renal Artery Pseudaneurysm Treated by Coil Embolization Bong-Ki Lee

**12:00 PM** CART Technique to Treat Long Iliac CTO *Hidetsugu Sakai* 

**12:10 PM** Best Challenging Case Selection & Announcement

12:20 PM Adjourn

## **THURSDAY 28**

#### Endovascular Intervention III

Moderators: Weon Kim, Kazushi Urasawa Panelists: V C Chauhan, Taketsugu Tsuchiya, Kiron Varghese

**2:00 PM** Acute In-stent Thrombosis Treatment of Post-PCI in Acute Coronary Syndrome *Zheng Ji* 

2:10 PM Rapid Progression of Intramural Hematoma in Descending Thoracic Aorta into Overt Aortic Dissection with Malperfusion

Pil-Ki Min

2:20 PM The Experience of Endovascular Treatment to Totally Occluded Persistent Sciatic Artery Eijiro Hayashi

**2:30 PM** Carotid Stenting with Protection Shailender Singh

2:40 PM Best Challenging Case Selection & Announcement

#### **Endovascular Intervention IV**

Moderators: Paul Hsien-Li Kao, Byung Ok Kim Panelists: Shiv Bagga, Changkun Lee, Woo Jung Park, Hidetsugu Sakai

**3:00 PM** Successful Endovascular Abdominal Aortic Aneurysm Repair in a Case with a Small-diameter Aorta *Tomoharu Dohi* 

3:10 PM Thoracic Endovascular Aortic Repair for Intramural Hematoma with Rapidly Evolving Complications Pil-Ki Min

**3:20 PM** Successful Revascularization of SMA Total Occlusion Supported by CT and IVUS

Junichi Tazaki

**3:30 PM** Acute Stent Thrombosis in Long Overlapping Stents during Femoral Artery Chronic Total Occlusion Stenting

Sreenivas Reddy.S.

**3:40 PM** Endovascular Removal of Embolized Collagen Plug of AngioSeal Device Using Dormia Basket Se-Whan Lee

**3:50 PM** Best Challenging Case Selection & Announcement

#### Endovascular Intervention V

Moderators: Chiayu Chou, Hiroyoshi Yokoi Panelists: Jang Hyun Cho, Jang Yong Kim, Hidefumi Ohya, Norihiko Shinozaki,

**4:00 PM** A Novel Retrograde Wiring Method for Coronary CTO *Taku Asano* 

**4:10 PM** Brachial Approach for Rt. Carotid Stenting in Risky Aortic Arch

Il Rhee

**4:20 PM** Think, Don't Panicl: Vanishing Carotid Artery Flow before Actual Intervention

Jen-Kuang Lee

**4:30 PM** Immediate Normalisation of Blood Pressure following Intervention in Chronic Functional Total Occlusion of Unilateral Renal Artery with an Atrophic Kidney

Parminder Singh

**4:40 PM** Endovascular Intervention for Very Long Femoro-popliteal Artery Occlusion with Bidirectional Approach

Shin Okamoto

**4:50 PM** Best Challenging Case Selection & Announcement

#### Endovascular Intervention VI

Moderators: Seung-Woon Rha, Shaiful Azmi Yahaya Panelists: Kamaldeep Chawla, Jung Rae Cho, Sreenivas Reddy.S., Taegeun Rim

**5:00 PM** Successful Endovascular Therapy to Juxtarenal Aortic Occlusion Complicated with Renal Artery Stenosis *Kiyonori Nanto* 

 $\bf 5:\!10~PM$  A case of Successful Endovascular Therapy for the Patient with Complex AAA

Seung Jin Lee

**5:20 PM** IVUS-Guided Renal Stenting with Distal Protection by Using Carbon Dioxide Angiography for the Patient with Solitary Functionally Kidney Daizo Kawasaki

5:30 PM A Case of Retrograde Transpopliteal Recanalization of Chronic Superficial Femoral Artery Occlusion after Failed Re-entry During Antegrade Subintimal Angioplasty Won Ho Kim

**5:40 PM** Best Challenging Case Selection & Announcement

5:50 PM Adjourn

#### Satellite Symposia

#### Meet the Experts over Breakfast

7:00 AM-8:10 AM

#### Left Main Stenting: "Evidence vs. Out of Evidence"

Organized by CVRF and Supported by Educational Grant from Abbott Vascular

Coronary Arena, Level 1

Moderators: Antonio Colombo, Corrado Tamburino Panelists: Mahesh Basarge, Kiyuk Chang, Cheng-I Cheng, Chiayu Chou, Saurab Goel, Yasumi Igarashi, Percy Parvez Jokhi, Makoto Kadotani, Po-Ming Ku, Raj Makkar, Fazila Tun-Nesa Malik, Sharma Mridul, Seung-Jung Park, Afzalur Rahman, G L Sharma, Xuebo Liu, Ping-Han Lo, Ywes R. Louvard, Chetan Shah, Ramesh Singh A/L Arjan Singh, Hiroshi Ueda

**7:00 AM** Angiographic Guidance Is Enough! Yves R. Louvard

**7:10 AM** It's Not Enough! Seung-Jung Park

7:20 AM Discussion

**7:35 AM** SYNTAX Scoring Before Decision-making! Corrado Tamburino

**7:45 AM** I Do Not Need Any Scoring! *Antonio Colombo* 

7:55 AM Discussion

8:10 AM Adjourn

## Challenging the Complexity of CAD in Asia Pacific

Organized by CVRF and Supported by Educational Grant from Medtronic Co. Ltd.

Endovascular Arena, Level 1

Moderators: David E. Kandzari, Michael Kang-Yin Lee

**7:00 AM** Introduction & Objectives David E. Kandzari & Michael Kang-Yin Lee

**7:03 AM** Global Perspective of Complex PCI *David E. Kandzari* 

**7:10 AM** 1st Presenter - (Japan): Present a Complex PCI of MVD and CTO Patient Fuminobu Yoshimachi 7:17 AM 1st Expert - How We Treat MVD Patient with CTO in Singapore and Improve Outcomes with These Challenging Procedures

Amin Ariff Nuruddin

7:24 AM Consensus

7:29 AM 2nd Presenter - (Korea): Present a Complex PCI of in DM and LM Patient

June Hong Kim

7:36 AM 2nd Expert - How We Treat DM Patient with LM in Korea and Improve Outcomes with These Challenging Procedures

Bum-Kee Hong

7:43 AM Consensus

7:48 AM 3rd Presenter - (HK): Present a Complex PCI and TAVI Case Michael Kang-Yin Lee

7:55 AM 3rd Expert - How We Treat PCI/TAVI in US and Improve Outcomes with These Challenging Procedures

David E. Kandzari

8:02 AM Consensus

8:07 AM Conclusion

8:10 AM Adjourn

#### Pharmacogenomics and Platelet Reactivity Test

Organized by CVRF and Supported Through an Unlimited Educational Grant from Lilly Korea, Ltd. and Daiichi Sankyo Korea Co., Ltd.

Room 1-1, Level 1

Moderators: Duk-Woo Park, Alan C. Yeung Panelists: Hwa Wooi Gan, Seung-Ho Hur, Byung Ok Kim, Moo Hyun Kim, Yoon Seok Koh, Kyung Woo Park, Yong Whi Park, Ki Bae Seung, Rogelio Ventura Tangco

7:00 AM Association of Cytochrome P450 2C19 Polymorphism with Clinical Efficacy of Clopidogrel in Patients Receiving Elective PCI Ki Bae Seung

7:10 AM Association between CYP2C19 Genotype and Adverse Clinical Outcomes among PCI Patients: A Meta-analysis

Alan C. Yeung

7:20 AM Use of a Point-of-Care Platelet Function Assay to Improve the Prediction of Atherothrombotic Events after DES Implantation: ASAN-VerifyNow Registry

Duk-Woo Park

7:30 AM Standard vs. High-Dose Clopidogrel According to Platelet Function Testing after PCI: Results of the GRAVITAS Trial Matthew Price

7:40 AM Panel Discussion and Q & A

8:10 AM Adjourn

#### Innovations in 2011: Now and the Future

Organized by CVRF

Room 2-1 Level 2

Moderators: Roxana Mehran, Wan Joo Shim Panelists: Alaide Chieffo, Yun-Dai Chen, Dong-Ju Choi, So-Yeon Choi, Ted Feldman, Junko Honye, Angela Hoye, Soo-Jin Kang, Akiko Maehara, Piyanart Preeyanont, Sung Gook Song, Krishnan Suresh, Huay Cheem Tan

7:00 AM Introductions Roxana Mehran

7:05 AM The Landscape of Antiplatelet Agents: Which Drug, for Whom, and Why?

Matthew Price

7:20 AM Update on ACS/AMI: Have We Made Any Progress? What's Next?

Huay Cheem Tan

7:35 AM Update on Left Main/Multivessel PCI: Lessons from SYNTAX, a View to EXCEL Roxana Mehran

7:45 AM Trans-catheter Valve Therapies: Aortic and Mitral

Ted Feldman

7:55 AM Panel Discussion: How Do Women Fit In? Alaide Chieffo & Wan Joo Shim

8:10 AM Adjourn

#### How to Treat: Complex Lesion

Organized by CVRF and Supported by Educational Grant from Terumo Korea Corporation

Room 3-1, Level 3

Moderators: Yuji Hamazaki, Seung-Woon Rha Panelists: Bernard Chevalier, Yoon Haeng Cho, Gian Battista Danzi, Hidenari Hozawa, Chi-Hung Huang, Omar Ismail, Chaohui Jiang, Dhiman Kahali, Weon Kim, Masashi Kimura, Menon Bhaskaran Raja Kumar, Ping Liu, Ju-Pin Pan, T. R. Raghu, Shinji Tayama, Taketsugu Tsuchiya, Takashi Yamada, Hiroshi Yamaguchi, Ken Yokoyama, Kan Zen

7:00 AM Opening Remarks Seung-Woon Rha

7:05 AM Nobori in Complex Cases Takashi Yamada

7:15 AM Round Table Discussion

7:25 AM How to Overcome Severe Calcified Lesion! Yoon Haeng Cho

7:35 AM Round Table Discussion

7:45 AM How Do You Treat This Complex Strange Lesion?

Weon Kim

7:55 AM Round Table Discussion

8:05 AM Closing Remarks Yuji Hamazaki

#### Vulnerable Plaque: The Challenges Ahead

Organized by CVRF and Supported by Educational Grant from Volcano (BT+)

Tutorial Arena, Level 4

Moderators: Cheol Whan Lee, Renu Virmani Panelists: Shang-Hung Chang, Marco A. Costa, Guo Sheng Fu, William Kongto Hau, Young Joon Hong, Lam Kai Huat, Sang Wook Kim, Sung Yun Lee, Chih-Kuan Liao, James R. Margolis, M Pauliina Margolis, Ron Waksman

#### Is There A Vulnerable Plaque?

7:00 AM A Believer: Pathologist's Navigation Doesn't

Renu Virmani

7:10 AM Not a Believer: All Plaques Are Potentially Vulnerable Ron Waksman

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## THURSDAY 28

#### Looking for Vulnerable Plaque

 $\ensuremath{\mathbf{7:20~AM}}$  New VH Findings: Plaque Stability and Lesion Risk

M Pauliina Margolis

**7:30 AM** Plaque Profilings: Insights from the Culprit Plaques

Cheol Whan Lee

7:40 AM Panel Discussion and Q & A

8:10 AM Adjourn

#### **New DES Technologies**

Organized by CVRF

Room 4-1, Level 4

Moderators: Mitchell W. Krucoff, Barry D. Rutherford Panelists: Dominic Allocc, Jilin Chen, Rajeev Edakutty, Dong Woon Jeon, Gaku Nakazawa, Yuji Oikawa, Abdullah M.A Shehab

**7:00 AM** Assessment of New Stent Designs: Can We Balance Ongoing Innovation & Safety Evaluation? *Mitchell W. Krucoff* 

**7:10 AM** EPC Capture Stent Program for STEMI *Harry Suryapranata* 

**7:20 AM** Traditional and Novel Metal Alloys: Advantages, Disadvantages and Trends

Juan Granada

**7:30 AM** Can Biodegradable Polymer DES Be Better than 2nd Generation DES?

Gaku Nakazawa

7:40 AM Panel Discussion and Q & A

8:10 AM Adjourn

#### Drug-coated Stent or Balloon for PVD "New Horizon for PVD"

Organized by CVRF

Room 4-2, Level 4

Moderators: John R. Laird, Jr., Andrej Schmidt
Panelists: Taehoon Ahn, Motoharu Araki, Mark W. Burket,
Gim Hooi Choo, Debabrata Dash, Richard R. Heuser,
Chung-Ho Hsu, Naoto Inoue, Upendra Kaul,
Issam D. Moussa, Sreenivas Reddy.S., Manish Taneja

**7:00 AM** The Promise of Tibial Drug-Coated Balloons *Andrej Schmidt* 

**7:12 AM** Will Drug-coated Balloons, Drug-coated Stents Shift the Paradigm for Femoropopliteal Lesion *Mark W. Burket* 

7:24 AM Panel Discussion and Q & A

8:10 AM Adjourn

#### **Lunchtime Activities**

12:45 PM-1:45 PM

#### Everolimus Powered by Platinum Chromium: First One-Year Clinical Data Release

Organized by CVRF and Supported by Educational Grant from Boston Scientific Korea

Coronary Arena, Level 1

Moderators: Antonio Colombo, Ki Bae Seung Panelists: Young-Keun Ahn, Dominic Allocco, Kook-Jin Chun, Jae Ung Lee

12:45 PM Welcome Address

Antonio Colombo

**12:50 PM** PLATINUM Workhorse Data from ACC Gregg W. Stone

**1:10 PM** Real World Experience of Promus Element Stent

Huay Cheem Tan

1:25 PM Case Presentation

Jae Ung Lee

1:35 PM Case Presentation

Jin Bae Lee

1:45 PM Discussion

1:50 PM Closing Remark

Ki Bae Seung

#### Nobori: The Next Generation DES Clinical Updates and Use in Practice

Organized by CVRF and Supported by Educational Grant from Terumo Korea Corporation

Endovascular Arena, Level 1

Moderators: Takeshi Kimura, Seung-Jung Park

12:45 PM Opening Words

Takeshi Kimura

12:50 PM NOBORI Clinical Program

Bernard Chevalier

1:05 PM NOBORI 2

Gian Battista Danzi

**1:20 PM** The Use of Nobori in Bifurcation Young-Hak Kim

1:35 PM Discussion

**1:45 PM** Closing & Take Home Message Seung-Jung Park

## The Drug Eluting Stent in the SFA-Zilver PTX

Organized by CVRF and Supported by Educational Grant from Cook Medical Korea

Room 1-1, Level 1

Moderator: Donghoon Choi

Panelists: Mark W. Burket, Bryan Ping-Yen Yan

12:45 PM Welcome Address

Donghoon Choi

**12:50 PM** The Drug Eluting Stent in the SFA Mark W. Burket

**1:10 PM** The Real World Data & Experience of Zilver-PTX

Brvan Ping-Yen Yan

1:30 PM Q & A and Panel Discussion

1:45 PM Adjourn

Donghoon Choi

#### From a DES to a BMS-Biodegradable Polymer Technology: Designed to Improve Long Term Patient Outcomes!

Organized by CVRF and Supported by Educational Grant from DIO Corp. / Biosensors

Room 2-1, Level 2

Moderators: Eberhard Grube, Myung-Ho Jeong Panelists: Jang-Ho Bae, Kiyuk Chang, Seung-Ho Hur, Ng Kok Huan, Seung-Hwan Lee, Rogelio Ventura Tangco, Cheol Woong Yu

12:45 PM Opening

Myung-Ho Jeong

12:50 PM Evidence Based Medicine: Does BioMatrix™ Bring Patent Benefit? - 3 Yr/Subgroup Follow Up from LEADERS Trial Eberhard Grube

1:05 PM Evaluation of Effectiveness and Safety of BioMatrix™ - Biolimus A9™ stEnt in patients with AcUTe coronary sYndrome

Young Joon Hong

1:15 PM BioMatrix™: The Next Generation Biodegradable Polymer Technology - Korean Experience Kyung Woo Park 1:25 PM A Single Center Clinical Experience Using Biolimus-Eluting Stent with Biodegradable Polymer II Phee

1:35 PM Panel Discussion

1:45 PM Adjourn

## Improving the Management & Future Direction for Hypertension

Organized by CVRF and Supported by Educational Grant from Novartis

Room 3-1, Level 3

Moderators: Shung Chull Chae, Byung-Hee Oh

**12:45 PM** Improving Effect of ARB to Asian Hypertension Patients Jeong Bae Park

1:00 PM Rationale for the Use of Single Pill Combination and Asian Data of ARB/CCB SPC Seungwoo Park

1:15 PM How Can We Move beyond ACEIs and ARBs to Improve Cardio-renal Protection?

Kwana II Kim

1:30 PM Discussion

1:45 PM Adjourn

## What Is the Optimal Procedure for Below-The-Knee?

Organized by CVRF and Supported by Educational Grant from Johnson & Johnson Medical Korea

Tutorial Arena, Level 4

Moderators: Taehoon Ahn, Seung-Woon Rha Panelists: Osamu lida, Young-Guk Ko, Jae-Hwan Lee, Andrej Schmidt, Kazushi Urasawa

**12:45 PM** ACHILLES Study (DES for BTK) Andrej Schmidt

1:00 PM Tibial CTO Management Kazushi Urasawa

**1:15 PM** Optimal Treatment for Below-the-knee Young-Guk Ko

1:30 PM Q & A Seung-Woon Rha

1:45 PM Adjourn

## Tailor Made Anti-thrombic Therapy after PCI Based on Current Evidence

Organized by CVRF and Supported by Educational Grant from Korea Otsuka Pharmaceutical Co., Ltd./Korea OIAA Co., Ltd.

Room 4-1, Level 4

Moderators: Junbo Ge, Seong-Wook Park

**12:45 PM** Cilostazol as a Solution for Patients with Genetic Risk of Antiplatelet Therapy Resistance: Insights from the CILON-T Trial *Kyung Woo Park* 

1:10 PM Tailored Approach to Reduction of Restenosis after DES Implantation: Results from Pooled Analysis of DECLARE Trials Seung-Whan Lee

1:35 PM Discussion

Junbo Ge, Seong-Wook Park

1:45 PM Adjourn

#### **Evening Symposium**

6:15 PM-9:00 PM

#### **Expand the Realm of Statin Treatment**

Organized by CVRF and Supported by Educational Grant from Pfizer Pharmaceutical Korea Ltd.

Room 1-1, Level 1

Moderator: Joo-Young Yang
Panelists: In-Ho Chae, Weon Kim, Han Cheol Lee

6:15 PM Dinner

**7:00 PM** The Effects of Pre-procedural Statin Treatment before PCI and CABG Han Cheol Lee

8:00 PM Panel Discussion and Q & A

8:30 PM Adjourn

#### Structural Heart Disease Symposium

Organized by CVRF and Supported by Educational Grant from AGA Corporation

Endovascular Arena, Level 1

Moderators: I-Seok Kang, Horst Sievert Panelists: Mazeni Alwi, Eun-Jung Bae, Mohammed Omar Galal, Hong Gu, Myung Chul Hyun, Hyoung Doo Lee, Li Fen

6:15 PM Dinner

**7:00 PM** Stent Therapy for BT Shunt Obstruction in SV Elsa Suh

7:12 PM CoA Stenting

Frank Ing

**7:24 PM** Transcatheter Closure of Large ASDs in Small Children: Acute Results and Short Term Follow Up Bharat Dalvi

**7:36 PM** Catheter Closure of Multiple ASDs *Teiji Akagi* 

**7:48 PM** Technical Aspects of Device Closure of ASD with Special Reference to Avoidance of Complications *R. Krishna Kumar* 

8:00 PM Innovations and Improvisations in the Cath

R. Krishna Kumar

**8:12 PM** Closing the Ductus in the Presence of Pulmonary Hypertension Seong-Ho Kim

**8:24 PM** Using PDA Device for Multi Indications *Lan Hieu Nguyen* 

8:36 PM Panel Discussion

9:00 PM Adjourn

# Fundraising To be part of CVRF

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From 2010, CVRF opened a new door of Fundraising to achieve our ultimate goal of "Leading to greatness for the better human life..." Everybody can be a part of CVRF's supporters. Your contribution will be used for CVRF's various activities to improve survival and quality of life for countless individuals with heart disease.

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# Friday | April 29, 2011

CORONARY ARENA
Challenging Case Competition with Experts' Focus Review
ENDOVASCULAR ARENA
Challenging Case Competition with Experts' Focus Review
TUTORIAL ARENA
5 <sup>th</sup> Cardiopulmonary Rehabilitation Workshop 2011  I. Webinar  II. Round Table Discussion  III. More about Cardiopulmonary Rehabilitation
MAIN ARENA
Nurse Continuous Education Course: Care for Patients with Heart Disease  Joint Program with Angioplasty Summit 2011 KCTA Symposium
SATELLITE SYMPOSIA
Meet the Experts over Breakfast

## FRIDAY 29

## Challenging Case Competition with Experts' Focus Review

#### Coronary Arena

Mugunghwa Hall 1, Level 1 8:30 AM-3:30 PM

#### Complex PCI I

Moderators: Antonio Colombo, Seung-Jung Park Panelists: Jilin Chen, Chi Kin Chan, Michael S. Lee, TNC Padmanabhan, Hany Ragy, Anurag Sharma, Mitsuyasu Terashima, Robaayah Zambahari

**8:30 AM** Invited Case Presentation & Focus Review: Left Main Intervention

Michael S. Lee

**8:45 AM** Development of Complete Heart Block Just after Successful PCI for Left Main Bifurcating Lesion *Taek-Geun Kwon* 

**8:55 AM** Left Main Stenting in End-Stage Post Transplant Coronary Artery Disease *Roberto Baqlini* 

**9:05 AM** Transradial Intervention Using Sheathless Guiding Catheter for Left Main and Multivessel Disease *Hsiu-Yu Fang* 

**9:15 AM** Left Main Bifurcation Disease Presented with Mimic Symptom of Abdomen

Jon Suh

**9:25 AM** Best Challenging Case Selection & Announcement

#### Complex PCI II

Moderators: Takashi Akasaka, Ki Bae Seung Panelists: Wacin Buddhari, Kam Tim Chan, Andrejs Erglis, Kazushige Kadota,

Philip Siam Soon Koh, Byoung Kwon Lee, Victor Lim, Toshiro Shinke

**9:35 AM** Invited Case Presentation & Focus Review: IVUS Guided PCI

Andrejs Erglis

**9:50 AM** Invited Case Presentation & Focus Review: FFR Guided Spot Stenting for Tandem Lesion PCI Seung-Jung Park

10:05 AM Histology and Optical Coherence
Tomography Images of Restenotic Lesions Due to Late
Catch-up Phenomenon after Sirolimus-Eluting Stent
Implantation
Hiroyuki Nagai

**10:15 AM** FFR Guided Functional Angioplasty *Jung-Min Ahn* 

10:25 AM Angioscopic Evaluation of the Mechanism of Very Late Stent Thrombosis 10 Years after Bare-Metal Stent Implantation

Tomoharu Dohi

10:35 AM IVUS Guided Management of Left Main Bifurcation Lesion with Classic CRUSH Technique Jianyong Xiao

**10:45 AM** Best Challenging Case Selection & Announcement

#### Complex PCI III

Moderators: Nae Hee Lee, Barry D. Rutherford Panelists: David E. Kandzari, Hee-Yeol Kim, Xueqi Li, Yean-Teng Lim, Issam D. Moussa, Seung-Woon Rha, Masahiko Shibuya, Chris Kwok Yiu Wong

**10:55 AM** Invited Case Presentation & Focus Review: Antegrade Approach

David E. Kandzari

11:10 AM Invited Case Presentation & Focus Review:
Retrograde Approach
Yasushi Asakura

11:25 AM Knuckle Wire and Reverse CART Technique for Cx CTO Lesion

11:35 AM Proximal Dissecton of CTO Lesion Caused by Guiding Catheter, Retrograde Approach Success Genshan Ma

11:45 AM Complex CTO PCI of Native LM-LAD in a Bangladeshi Patient 10 Years after CABG Shams Munwar

11:55 AM IVUS, Guiding Light for the Wrecked Operator for Total Occluded Lesion Sung Yun Lee

**12:05 PM** Best Challenging Case Selection & Announcement

#### Complex PCI IV

Moderators: Maurice Buchbinder, Joo-Young Yang Panelists: Roberto Baglini, Baren Chakraborty, Charles Chan, Sang-Sig Cheong, Jung-Ho Heo, Naoto Inoue, Yves R. Louvard, Teguh Santoso, Yoshiki Uehara 12:15 PM Invited Case Presentation & Focus Review: Small Vessel Intervention

Naoto Inoue

**12:30 PM** IVUS Guided Stenting of Left Main *Zheng Ji* 

**12:40 PM** Shortening and Deformation of Endeavor Stent Observed by IVUS

Rei Fukuhara

**12:50 PM** Intervention for Left Main and Right Coronary Arteries with Anomalous Origins *Ping Tim Tsui* 

**1:00 PM** Treatment of Heavy Calcified LM Bifurcation Lesion

Hae Geun Song

1:10 PM Best Challenging Case Selection & Announcement

#### Complex PCI V

Moderators: Bernard Chevalier, Junghan Yoon Panelists: Mahesh Basarge, Paul Chan, Jun-Jack Cheng, Cheol Whan Lee, Yoichi Nozaki, Yudi Her Oktaviono, Peruvamba Raman Vydianathan

**1:20 PM** Invited Case Presentation & Focus Review: Bifurcation Intervention

Bernard Chevalier

1:35 PM Treatment for LCX Lesion with Extremely Angulated Left Main Bifurcation by Using "Balloon-Screen Technique" Teppei Sugaya

1:45 PM "Culotte" Technique as a Therapeutic Approach for the Bifurcation Lesion in a Y-shaped Vein Graft

Lu Cao

1:55 PM Mission Difficult: Percutaneous Coronary Intervention of Left Main and All Three Vessels in One Diabetic Patient Receiving Coronary Artery Bypass Grafting for 9 Years Shih-Hung Chan

2:05 PM Progressive Angina Pectoris in Patient with Significant Bifurcation LM Stenosis and 3VD Sodiqur Rifqi

**2:15 PM** Best Challenging Case Selection & Announcement

#### Complex PCI VI

Moderators: Alaide Chieffo, Yangsoo Jang Panelists: Rabindranath Chakraborty, Yoshihide Fujimoto, Anshul K Jain, Dongkyu Jin, SooJoong Kim, Seok Kyu Oh, Aniket Puri, Takashi Tanigawa

2:25 PM Invited Case Presentation & Focus Review: Multi-vessel Intervention Alaide Chieffo

2:40 PM Total Revascularization for Three-Vessel Disease by Retrograde PCI Hiroki Watanabe

2:50 PM Retrograde Approach to a CTO Lesion-Where Is the Channel? Dick Chi Yeung Cheung

**3:00 PM** Successful PCI of Sequential Radial Artery Bypass Grafts as a Bridge of the Left to Right Coronary Artery in Patients with LIMA Graft Failure Tae-Hoon Kim

**3:10 PM** Ostial SVG Stenting Basem Elsaid Enany

**3:20 PM** Best Challenging Case Selection & Announcement

3:30 PM Adjourn

# Challenging Case Competition with Experts' Focus Review

Endovascular Arena

Mugunghwa Hall 2, Level 1 8:30 AM-3:50 PM

#### Complex PCI VII

Moderators: Myeong-Ki Hong, Alan C. Yeung Panelists: Pawel E. Buszman, Jacques J. Koolen, Debabrata Dash, David G. Iosseliani, Min-Kyu Kim, Gary S. Mintz, Atsunori Okamura

**8:30 AM** Invited Case Presentation & Focus Review: Acute Coronary Syndrom Pawel E. Buszman

**8:45 AM** One Is Not Enough, Two Is Enough, in the Case of Retrograde Intervention of Rt. Coronary Artery Chronic Total Occlusion

Jong-Young Lee

**8:55 AM** Coronary Rupture Repaired by Intravascular Ultrasound Guided Wiring Yoshinobu Murasato **9:05 AM** CTO Ipsilateral Reverse Recanalization *Anlin LV* 

9:15 AM Best Challenging Case Selection & Announcement

#### Complex PCI VIII

Moderators: Hyeon-Cheol Gwon, Patrick W. Serruys Panelists: Hon Wah Chan, Dong-Soo Kim, Mitchell W. Krucoff, Deuk-Young Nah, Imad Sheiban, Yukio Tsurumi, Chiung-Jen Wu

**9:35 AM** Invited Case Presentation & Focus Review: Acute Myocardial Infarction *Mitchell W. Krucoff* 

**9:50 AM** Primary Percutaneous Coronary Intervention via Right Transradial Approach in a Patient with Arteria Lusoria (Retro-esophageal Subclavian Artery: Rosa) *Hung Ngo* 

**10:00 AM** Acute Stent Thrombosis Joo Heung Yoon

**10:10 AM** Acute Thrombosis in LIMA Intervention

**10:20 AM** Primary Transradial PCI with IABP Support in a Patient with Anomalous Origin of RCA Complicated with Cardiogenic Shock *Keon-Woong Moon* 

**10:30 AM** Best Challenging Case Selection & Announcement

#### Endovascular Intervention I

Moderators: Paul Hsien-Li Kao, Seung-Whan Lee Panelists: Taehoon Ahn, Sven Braunlich, Mark W. Burket, Donghoon Choi, Richard R. Heuser, Bong-Ki Lee, Hiroyoshi Yokoi

**10:40 AM** Invited Case Presentation & Focus Review: Carotid Intervention Richard B. Heuser

**10:55 AM** Successful Endovascular Therapy for Bilateral CLI Due to Leriche Syndrome *Takahide Suzuki* 

**11:05 AM** Bilateral Forearm Approach for Subclavian Artery Total Occlusion Intervention Hsiu-Yu Fang

**11:15 AM** Ostial LM and A. Renalis Sin. Stenosis in Young Woman *Indulis Kumsars* 

11:25 AM Best Challenging Case Selection & Announcement

#### Endovascular Intervention II

Moderators: John R. Laird, Jr., Eak-Kyun Shin Panelists: In-Ho Chae, Gian Battista Danzi, Hidehiko Hara, Sung-Ho Her, Changkun Lee, Takehiro Yamashita

**11:35 AM** Invited Case Presentation & Focus Review: BTK Intervention

Gian Battista Danzi

11:50 AM Novel Infra-popliteal Bi-directional Angioplasty in a Patient with Chronic Total Occlusion of the Tibial Artery Complicating Critical Lower Limb Ischemia

Osamu lida

**12:00 PM** How Do We Handle Mud Pie?: Endovascular Re-canalization in Patient with Carotid Occlusion and Repeated TIA *Jen-Kuang Lee* 

12:20 PM PTA of SFA, Poplite al Artery, Collateral to PTA

Ayman Saleh

**12:30 PM** Best Challenging Case Selection & Announcement

#### Transcatheter Valve Therapy

Moderators: Young-Hak Kim, Raj Makkar Panelists: Gary, Shing-him Cheung, Ted Feldman, Omar Ismail, Won-Jang Kim, Quang Ngoc Nguyen, Farshad Shakerian Ghahferokhi

**12:40 PM** Invited Case Presentation & Focus Review: Transcatheter Aortic Valve Implantation *Raj Makkar* 

**12:50 PM** Invited Case Presentation & Focus Review: TAVI- CT Won-Jang Kim

**1:00 PM** Percutaneous Management of Prosthetic Valve Thrombosis Vuppaladadhiam Hariram

1:10 PM PTAV for Elderly Patient with Severe AS Who Developed Repetitive Heart Failure Hitoshi Anzai

**1:20 PM** Transcatheter Aortic Valve Implantation (TAVI) Complication. Possible Aetiology and How To Manage Sanjeevan Pasupati

## FRIDAY 29

 ${\bf 1:\!30\;PM}\;$  Re-do BMV Through Stenosed Right Iliac Vein Access

K.Ghosh Hazra

1:40 PM Best Challenging Case Selection & Announcement

#### Structural Heart Disease I

Moderators: Jae-Young Choi, Bharat Dalvi Panelists: Mazeni Alwi, Eun-Jung Bae, Yun-Ching Fu, Frank Ing, Jo-Won Jung, Jae Young Lee, Jou-Kou Wang

1:50 PM Antegrade Approach to Percutaneous Reconstruction in a Functionally Atretic Case of Coarctation of the Transverse Arch Bhanu Duggal

2:00 PM Native Coarctation of Aorta and Large Hypertensive Patent Ductus Arteriosus: Management Using a Covered Stent Neeraj Awasthy

**2:10 PM** We Cannot Too Be Careful of Our Intervention

Deok Young Choi

**2:20 PM** Experience of Melody Valve in Thailand *Kritvikrom Durongpisitkul* 

2:30 PM Creating ASD & Stent Implantation in Neonate with DORV/MA and Cor Triatriatum Elsa Suh

2:40 PM Best Challenging Case Selection & Announcement

#### Structural Heart Disease II

Moderators: Mohammed Omar Galal,

Hyoung Doo Lee

Panelists: James Y. Coe, Kritvikrom Durongpisitkul, Lucy Youngmin Eun, Gi Young Jang, Hong Ryang Kil, Seong-Ho Kim, Elsa Suh

2:50 PM Pulmonary Atresia with Intact Ventricular Septum with DIC Gi Young Jang

**3:00 PM** In Situ RV Thrombus with Diffuse Pulmonary Thrombosis in Eisenmenger ASD You Chun Huang

**3:10 PM** Transcatheter Closure of Coronary Cameral Fistula

Anwar Ibrahim Khan

**3:20 PM** Reverse the AVB after Closure of PMVSD with an Amplatzer Duct Occluder Yun-Ching Fu **3:30 PM** Cutting Balloon for Distal PA Stenosis in a Alagille Syndrome

Frank Ing

3:40 PM Best Case Selection & Announcement

3:50 PM Adjourn

#### **Tutorial Arena**

Art Room, Level 4 8:25 AM~ 3:30 PM

#### 5<sup>th</sup> Cardiopulmonary Rehabilitation Workshop 2011

Co-Organized by Korean Association of CardioVascular and Pulmonary Rehabilitation(KACVPR)

8:25 AM Opening Cheol Whan Lee

Part I. Webinar

Moderators: Larry F. Hamm, Kee Chan Joo

**8:30 AM** Introduction *Larry F. Hamm* 

**8:35 AM** Patient Screening and Enrollment *Richard A. Josephson* 

9:00 AM Q&A

Moderators: Peter H. Brubaker, Dong-Ju Choi 9:10 AM Customer-Focused Service Delivery and

Measure for an Exceptional Program

Curt Meyer

9:35 AM Q & A

Moderators: Larry F. Hamm, Jeong Sang Lee

**9:45 AM** Performance Measure for Cardiac Rehabilitation; What? Why? When?

Randal J. Thomas

10:10 AM Q & A

10:20 AM Break

Moderators: Peter H. Brubaker, Ick-Mo Chung

10:35 AM Getting Paid for Cardiac Rehabilitation:

What Is the US Model?

Karen Lui

**11:00 AM** Q & A

#### Part II. Round Table Discussion

Moderator: Kee-Sik Kim

Panelists: Seok-Min Kang, Sang Kook Lee,

Sung-Soon Lee

**11:10 AM** Key Note Speech: Cardiac/Pulmonary Rehabilitation Should Be Paid in Korea? *Jong-Young Lee* 

11:25 AM Panel Discussion

11:55 AM Lunch Break

## Part III. More about Cardiopulmonary Rehabilitation

Moderator: Kee Chan Joo

**1:00 PM** Pathophysiology of COPD Kwang Ha Yoo

1:15 PM Q & A

**1:25 PM** Expected Outcomes of Pulmonary Rehabilitation Yong Bum Park

1:40 PM O & A

**1:50 PM** 2011 AACVPR Position Statement: Core Competencies for Cardiac Rehabilitation/Secondary Prevention Professionals *Larry F. Hamm* 

2:15 PM Q & A

2:25 PM University/Community Model for Primary Prevention of CHD in the US Peter H. Brubaker

2:50 PM Q & A

**3:00 PM** Physical Activity Levels in CRP *Makoto Ayabe* 

3:15 PM Q & A

3:30 PM Adjourn

#### Main Arena

Vista Hall, Level B2 8:30 AM~4:05 PM

Nurse Continuous Education Course: Care for Patients with Heart Disease Joint Programe with Angioplasty Summit 2011 KCTA Symposium (The 14th Annual Conference for Cardiovascular Nurse & Technologist)

Co-organized by Korean Nurses Association and Korea Cardiovascular Technology Association

#### Part I

A New Era in Coronary Heart Disease and Cardiac Rehabilitation Care

**8:30 AM** Opening Remark Hyun Kyung Park

**8:35 AM** Welcome Address

Kyung-Ok Kim (Director of Nurse, Asan Medical Center)

**8:40 AM** Periprocedural Patient Management *Young-Hak Kim* 

9:20 AM Q & A

**9:30 AM** Cardiac Device Management *Jung Hae Kwon* 

10:20 AM Q & A

**10:30 AM** Basic Echocardiography *Yun-Jeong Kim* 

11:20 AM Q & A

**11:30 AM** Cardiac Rehabilitation Nursing for Patients Who Have Heart Problems Yeong-Sook Yoo

12:20 PM Q & A

#### Part II

Angioplasty Summit 2011 KCTA Symposium (The 14th Annual Conference for Cardiovascular Nurse & Technologist)

**12:30 PM** Opening Remark Yeong Bae Park (Chairman of KCTA)

12:35 PM Welcome Address Seung-Jung Park (Course Director of ANGIOPLASTY SUMMIT-TCTAP)

#### **Featured Lecture**

**12:40 PM** Discrepancy between Anatomic vs. Functional Parameters (IVUS vs. FFR)

Seung-Jung Park

**1:00 PM** Tissue Characterization of Neointima by IVUS, VH, OCT Soo-Jin Kang

#### Invited Lecture from China & Japan

Moderators: Jae Yoon Go, Yeong Bae Park Panelists: Jun Seok Choi, Jin Young Jang, Seung Nyun Kim, Min-Suk Lee, Takehito Mikami, Gun Soo Shin, Masato Tsujii

**1:20 PM** The Application of Computational Fluid Dynamics in Coronary Bifurcation Intervention *Jing Kan* 

1:35 PM Stem Cell Transplantation in Acute Myocardial Infarction and Follow-Up Results Yan Liu

**1:50 PM** The Use of Multislice Computed Tomography in Our Hospital *Toshihiro Kobayashi* 

**2:05 PM** Skill Up: How to Read ECG Monitoring *Masato Tsujii* 

## Current Practice at the Catheterization Laboratory

Moderators: Mi Sook An, In Soo Kim Panalists: Ki Sang Eo, Hye-Jeon Jang, Ho Jung Kim, Jong Gi Kim, Kyung Ae Kim, Tae-Woo Kim, Young Hee Kim, Gye-Sik Min , Eun-Kyung Park, Hyun Kyung Park

**2:20 PM** Post PCI Exercise Program in Cardiac Rehabilitation

Eun-Kyung Park

**2:35 PM** Nursing Care in High Risk Patient for PCI Kyung Ae Kim

**2:50 PM** Research in Coronary Artery Diseases *Hye-Jeon Jang* 

#### **Imaging Session**

Moderator: Soo-Jin Kang Panalists: Sung Il Beak, Kang-Soo Jung, Jeong Do Kim, Yeong-Dae Kim, Dae Woo Kwon, Sung-woo Lee, Kyung Jhin Park, Soo Hwan Park

**3:05 PM** IVUS-guided Decision Making for PCI *Kyung Jhin Park* 

**3:20 PM** Role of Periprocedural IVUS in Stent Optimization Soo Hwan Park

**3:35 PM** OCT: Basics, Practice and Pitfalls Sung II Beak

**3:50 PM** VH: Basics, Practice and Pitfalls *Sung-woo Lee* 

4:05 PM Adjourn

## FRIDAY 29

#### Satellite Symposia

7:00 AM~ 8:10 AM

#### Meet the Experts over Breakfast

## Paradigm Shift to "Functional Angioplasty"

Organized by CVRF and Supported by Educational Grant from St. Jude Medical

#### Coronary Arena, Level 1

Moderators: William Fearon, John McB. Hodgson Panelists: Masaki Awata, Wacin Buddhari, Feng Cao, Yoon Haeng Cho, Cheol Ung Choi, Yoon Sin Chong, David J. Cohen, Soo-Jin Kang, Bon-Kwon Koo, Indulis Kumsars, Jin Bae Lee, Chang-Wook Nam, Kin Ming Tam, Ping Tim Tsui, Ki Dong Yoo

**7:00 AM** Cost-effectiveness of PCI vs. CABG in Multivessel CAD: Implication of an FFR-guided Strategy?

David J. Cohen

**7:10 AM** How and Why to Assess the Coronary Microvasculature

William Fearon

**7:20 AM** Appropriateness in Imaging: Why We Need to Pay Attention *John McB. Hodgson* 

7:30 AM IVUS-FFR: Optimal Cut-off of MLA

7:40 AM Panel Discussion and Q & A

8:10 AM Adjourn

## Carotid Stenting "Best Licence for Carotid Revascularization"

Organized by CVRF and Supported by Educational Grant from Abbott Vascular

#### Endovascular Arena, Level 1

Moderators: Paul Hsien-Li Kao, John R. Laird, Jr. Panelists: Paul T. L. Chiam, Si Wan Choi, Dae Hyun Hwang, Xiongjing Jiang, Jae-Hwan Lee, Mao-Shin Lin, Horst Sievert

**7:00 AM** Normal Risk Symptomatic Patients, Ongoing Debate; CAS vs CEA? *John R. Laird, Jr.* 

**7:10 AM** Is Protection Device of Benefit or Not?

**7:20 AM** Asymptomatic Carotid Stenosis: Optimal Medical Treatment vs. Revascularization *Jae-Hwan Lee* 

7:40 AM Panel Discussion and Q & A

8:10 AM Adjourn

#### Revascularization for Multivessel Coronary Disease "Complete Revascularization: The Link Between Anatomy and Function"

Organized by CVRF

Room 1-1, Level 1

Moderators: Mun Kyung Hong, Imad Sheiban Panelists: Amal Kumar Banerjee, Jayesh Bhaskaran, Dong Bin Kim, Young-Hak Kim, Ng Kok Huan, Michael S. Lee, Yves R. Louvard, Naoki Masuda, Atsunori Okamura, Yoshisato Shibata, Narendar Tanwar

**7:00 AM** Does High SYNTAX Score Always Means Bypass Surgery in Multivessel Disease Patients? *Imad Sheiban* 

**7:10 AM** What We Will Learn from FREEDOM and ISCHEMIA Trials?

Mun Kyung Hong

**7:20 AM** Impact of Complete Revascularization Strategy Young-Hak Kim

7:30 AM Panel Discussion and Q & A

8:10 AM Adjourn

#### OCT- "The 2nd Generation OCT Is Useful to Assess Complex Coronary Lesions"

Organized by CVRF and Supported by Educational Grant from St. Jude Medical

Room 2-1, Level 2

Moderator: Takashi Akasaka, Gary S. Mintz Panelists: So-Yeon Choi, Kenichi Fujii, Jung-Ho Heo, Myeong-Ki Hong, Junko Honye, Sang Wook Kim, Takashi Kubo, Setsuo Kumazaki, Akiko Maehara, Yukio Ozaki, Junya Shite, Atsushi Takagi, Alan C. Yeung

**7:00 AM** Advantage of 2nd Generation OCT; OCT Is Useful to Assess Complex Coronary Lesions Gary S. Mintz

**7:10 AM** Is OCT Helpful for CTO Intervention? *Akiko Maehara* 

**7:20 AM** 2nd Generation OCT: Recent Advances and Future Direction

Wang-Yuhl Oh

**7:30 AM** Experiences of 2nd Generation OCT in Assessment of Complex Coronary Lesions; Can It Give Us Additive Useful Information?

Alan C. Yeung

7:40 AM Panel Discussion and Q & A

8:10 AM Adjourn

#### Techniques for CTO Intervention "Best Selection and Right Direction"

Organized by CVRF Room 3-1, Level 3

Moderators: Etsuo Tsuchikane, Seung-Woon Rha Panelists: Yuzo Akita, Paiboon Chotnoparatpat, Anand Gnanaraj, Ryo Gotoh, Yuji Ikari, Naoto Inoue, Yoshihiro Kato, Idris Ahmed Khan, Jacques J. Koolen, Feng Yu Kuo, Nae Hee Lee, Linda Lison, Genshan Ma, Motomaru Masutani, Satoru Otsuji, Sang-Ho Park, Chun-Hung Su, Jon Suh,

Satoru Sumitsuji, Kenji Wagatsuma, Chiung-Jen Wu,

Bin Zhang

#### Featured Lectures

**7:00 AM** Antegrade Journey with Expanded New Device ?

Etsuo Tsuchikane

**7:10 AM** Retrograde Approach: When and How? *Nae Hee Lee* 

#### Case Presentations

**7:20 AM** Invited Case Presentation & Focus Review: CTO- The European Approach *Jacques J. Koolen* 

**7:30 AM** Invited Case Presentation & Focus Review: Contemprorary CTO Satoru Sumitsuji

7:40 AM Panel Discussion and Q & A

8:10 AM Adjourn

#### Role of Noninvasive CT Imaging in Daily Practice: A Case-Based Approach

Organized by CVRF
Tutorial Arena, Level 4

Moderators: Yeon Hyeon Choe, Wm. Guy Weigold Panelists: Koichiro Asawa, Hsiao-Yang Cheng, Byong Wook Choi, Yu Jeong Choi, Purvez Grant, Joon-Won Kang, Won-Jang Kim, Sung Uk Kwon, James K. Min, Hidetaka Nishina, Taro Saito, Kou-Gi Shyu, Tao-Cheng Wu

**7:00 AM** Clinical Assessment of Paitent-specific Risk Wm. Guy Weigold

**7:10 AM** Non-coronary, Non-cardiac Findings on CT *Joon-Woon Kang* 

**7:20 AM** Therapeutic Benefit of Revascularization Based upon Non-invasive Cardiac Imaging *James K. Min* 

7:30 AM Panel Discussion and Q & A

8:10 AM Adjourn

## **ABSTRACT**

The best oral abstracts will be presented in the Late Breaking Clinical Trials, including 5-year results from the MAINCOMPARE registry, and Optimal Duration of Dual Antiplatelet Therapy after DES Implantation.

In addition, Moderated Oral Abstract Competition sessions and Poster Abstract Q&A are newly located at Abstract Zone (B3), and more than 60 selected oral abstracts will be presented about AMI/ACS, Pharmacological Treatment, Imaging, Structural Heart Disease, Complex PCI, DES, and Endovascular Intervention.

#### Oral abstract presentations

#### Late Breaking Clinical Trials

Date	Time	Location
Thursday, 28	9:30 AM ~ 10:30 AM	Main Arena (Vista Hall, Level B2) : AS-001, AS-002, AS-003, AS-004, AS-005

#### **Moderated Competition Session**

Date	Time	Location
Wednesday, 27	2:00 PM ~ 6:00 PM	Abstract Zone (Abstract Zone, Level B3)
Thursday, 28	8:30 AM ~ 6:00 PM	Abstract Zone (Abstract Zone, Level 65)

#### 1. Acute Myocardiac Infarction/Acute Coronary Syndrome I

April 27(Wed), 2:00 PM ~ 3:00 PM

: AS-006, AS-007, AS-008, AS-010, AS-018

#### 2. Acute Myocardiac Infarction/Acute Coronary Syndrome II

April 27(Wed), 3:00 PM  $\sim$  4:00 PM

: AS-011, AS-012, AS-014, AS-149

#### 3. Imaging I

April 27(Wed), 4:00 PM ~ 5:00 PM

: AS-056, AS-057, AS-059, AS-060, AS-109

#### 4. Imaging II

April 27(Wed), 5:00 PM  $\sim$  6:00 PM

: AS-061, AS-062, AS-064, AS-065, AS-109

#### 5. Complex PCI I

April 28(Thu), 8:30 AM ~ 9:30 AM

: AS-026,AS-028,AS-030, AS-035

#### 6. Complex PCI II

April 28(Thu), 9:30 AM ~ 10:30 AM

: AS-031, AS-032, AS-033, AS-034

#### 7. Acute Myocardiac Infarction/Acute Coronary Syndrome III

April 28(Thu), 10:30 AM ~ 11:30 AM

: AS-009, AS-017, AS-019, AS-020, AS-138

#### 8. Structural Heart Disease

April 28(Thu), 11:30 AM ~ 12:30 PM

: AS-036, AS-037, AS-039, AS-040

#### 9. Endovascular Intervention

April 28(Thu), 2:00 PM ~ 3:00 PM

: AS-041, AS-043, AS-045, AS-125

#### 10. Drug-Eluting Stent I

April 28(Thu), 3:00 PM ~ 4:00 PM

: AS-046, AS-047, AS-048, AS-049, AS-050

#### 11. Drug-Eluting Stent II

April 28(Thu), 4:00 PM ~ 5:00 PM

: AS-051, AS-052, AS-053, AS-054, AS-096

#### 12. Pharmacological TreatmentI

April 28(Thu), 5:00 PM ~ 6:00 PM

: AS-021, AS-022, AS-023, AS-025, AS-074

#### **Poster Abstract Presentations**

Posters will be arranged by categories on one of three session and about 70 accepted abstracts will be posted at each session. Each poster presenter has been scheduled to informally discuss a poster during Q&A session when they should be at their Poster

#### Session 1

#### Wednesday, 27

Display Time	Q & A	Set-Up Time	Take-Down Time
14:00 ~ 18:00	14:00 ~ 15:00	13:00 ~ 14:00	18:00 ~ 19:00

**Acute ST-elevation Myocardial Infarction** AS-013,016,067~072,135~137,139~148,150~152

High Risk Patients (Diabetics, Women, Renal Insufficiency, Other)

AS-121,227~245

Miscellaneous

AS-129,130,132,133,134,252~258

Vascular Access (Including Transradial Intervention)

As-044,083,123,131,274~278

**Vulnerable Plaque Diagnosis and Treatment** 

AS-110,111,118

Unstable angina and NSTEMI

AS-270~273

#### Session 2

#### Thursday, 28

Display Time	Q & A	Set-Up Time	Take-Down Time
08:30 ~ 12:30	08:30 ~ 09:30	07:30 ~ 08:30	12:30 ~ 13:00

#### **Coronary Stents**

AS-055, 090~093, 095, 097~100,194~226

Invasive Imaging: IVUS, OCT, Spectroscopy, and Other

AS-101,112,115,119,120, 246~251

Non-Invasive Imaging

AS-102~105,116,124,259,260

Physiologic Lesion Assessment

AS-106~109,113,114,117

#### Session 3

#### Thursday, 28

Display Time	Q & A	Set-Up Time	Take-Down Time
14:00 ~ 18:00	14:00 ~ 15:00	13:00 ~ 14:00	18:00 ~ 19:00

#### **Adjunctive Coronary Device**

AS-153,154

#### **Antithrombin Agents**

AS-076,158~161

#### **Angina Treatment**

AS-155,156,157

## Basic Science, Animal Models and Preclinical Studies

AS-126,162~176

#### Bifurcation and Left Main Stenting

AS-077~079,177~183

#### **Chronic Total Occlusions**

AS-080,081,082,084,184~188

#### Congenital and Acquired Structural Heart Disease

AS-085~089, 189~193

#### Other Pharmacologic Agents

AS-024,073,075,261~264

## Peripheral Vascular Intervention (non carotid, non neurovascular)

AS-122,127,128,265~269

## E-POSTER ABSTRACT

AS-001 Zilver PTX Randomized Trial of Paclitaxel-Eluting Stents for Femoropopliteal Artery Disease: 24-Month Update Mark Burket

AS-002 Impact of Angiographic Complete Revascularization after Drug-Eluting Stent Implantation or Coronary Artery Bypass Surgery for Multivessel Coronary Disease Young-Hak Kim

AS-003 Moving Towards Biomimicry-Development of Novel BioMime™ Sirolimus Eluting Coronary Stent System Ashok Seth

AS-004 Dynamic Change Of Wall Shear Stress After Stenting Bifurcation Lesions: Subgroup Analysis From DKCRUSH-II Trial Shao-Liang Chen

AS-005 Evaluation of Left Main Coronary Artery Revascularization by CT Angiography from PRECOMBAT Trial

Joon-Won Kang

AS-006 Impact of Acute Heart Failure on In-hospital mortality in Patients with Acute Myocardial Infarction Underwent Successful Revascularization

Keun-Ho Park

AS-007 Impact of Different Clinical Pathways on Door-To-Balloon Time in Patients with ST-Segment Elevation Myocardial Infarction Hongbing Yan

AS-008 Inflammatory State Influences The Outcome Of Primary Percutaneous Coronary Intervention In Patients With Acute ST Elevation Myocardial Infarction

Mohamed Amin Abdelhamid

AS-009 Fasting Plasma Glucose were Associated with Left Ventricular Function in Older Patients with Acute Myocardial: Results from The BEAMIS Study

Yu-Jie Zhou

AS-010 Impacts of Gensini Score for Coronary Angiographic Severity on Outcomes of Out-of-Hospital Cardiac Arrest due to Acute Myocardial Infarction Patients Nobuaki Kokubu

AS-011 Mild Decrease of Fasting Plasma Glucose Predicts In-Hospital and 3-Year Mortality in Older Patients with Acute Myocardial Infarction: Results from the BEAMIS Study

Shi-Wei Yang

AS-012 Clinical Outcomes of Primary Percutaneous Coronary Interventions for Acute Myocardial Infarctions in Hospitals With and Without Onsite Cardiac Surgery Backup

Min Kyeong Kim

AS-013 The Outcomes Of Acute Myocardial Infarction Between On-Time Visit And Off-Time Visit.

Mitsunari Matsumoto

AS-014 Cost Analysis and In-hospital Safety Study on Using IKARI-Shaped Guiding Catheter for Transradial Approach Versus Other Guiding Catheters for Transfemoral Approach in Primary Percutaneous Coronary Intervention for Acute ST Segment Elevation Myocardial Infarction Patients in Killip Class 1 or 2 at Presentation:

A Single Centre Study

Vern Hsen Tan

AS-015 Early Versus Deferred
Revascularization for Non-ST-Segment
Elevation Acute Coronary Syndrome:
A Meta-Analysis of Randomized Controlled
Trials

Shuning Zhang

AS-016 Transradial Percutaneous
Coronary Intervention for Acute Myocardial
Infarction Is the Determinant of Short Cardiac
Care Unit Stay in the Very Elderly
Hiroyuki Jinnouchi

AS-017 A High Loading Dose of Clopidogrel Reduces Myocardial Infarct Size in Patients Undergoing Primary Percutaneous Coronary Intervention:

A Magnetic Resonance Imaging Study Young Bin Song

AS-018 Impact of Intracoronary
Administration of Nitroprusside vs
Nitroglycerine before Balloon Dilatation on
Slow Reflow During Percutaneous Coronary
Intervention in Patients with Acute ST
Elevation Myocardial Infarction
Arunachalam Esakkisppan

AS-019 Electrocardiographic Criteria for Predicting Dominant Circumflex as Culprit Artery in Inferior Wall Acute Myocardial Infarction

Jincheng Guo

AS-020 Improvement in Door to Balloon time for Acute ST-Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention after appointment of Emergency Heart Disease Specialized Center

Deuk-Young Nah

AS-021 Application of Tirofiban in Percutaneous Coronary Intervention for ST Elevation Myocardial Infarction Patients Jing Lu

AS-022 Effect of Triple Antiplatelet Therapy on Small Coronary Artery Treated with Zotarolimus Eluting Stent Sang Yeub Lee

AS-023 Usefulness of the Platelet Aggregately Index in Predicting Atherothrombotic Event in Patient Undergoing Coronary Intervention Yoshiki Nagata

AS-024 Efficacy of Statin Pretreatment for the Prevention of Contrast-Induced Nephropathy: A Meta-Analysis of Randomized Controlled Trials Lei Zhang AS-025 Impact of Bolus Administration of Ascorbic Acid to Prevent Contrast Induced Nephropathy Undergoing Emergent Cardiovascular Procedure.

Kota Komiyama

AS-026 Clinical Outcomes of Elective Left Main Coronary Artery Stenting in Hong Kong (Hong Kong Society of Transcatheter EndoCardiovascular Therapeutics Registry) Man-Hong Jim

AS-027 Impact of Residual Side-Branch Stenosis on Clinical Outcome after Single Stent Deployment with Final Kissing Balloon Technique.

Masahiro Yamawaki

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AS-223 Newer Paclitaxel-Eluting Stents (Coroflex Please and Pico Elite) versus Everolimus-Eluting Stents (Promus and Xience) in Asian Patients Undergoing Percutaneous Coronary Intervention Seung-Woon Rha AS-224 Mid-term Clinical Outcomes of First Generation Sirolimus-eluting Stent (CypherTM) versus Cypher SelectTM in an Asian Population

Kanhaiya L. Poddar

AS-225 Lipoprotein(a) level and One-Year Clinical Outcome in Patients in Patients Undergoing Percutaneous Coronary Intervention with Drug-Eluting Stents Sang Ho Park

AS-226 Real World Mid-term Clinical Outcomes of Taxus Express Stent versus Taxus Liberte Stent in Asian Patients Kanhaiya L. Poddar

AS-227 Intravascular Ultrasound Predictors of No-Reflow after Percutaneous Saphenous Vein Graft Intervention with Distal Protection Devices

Young Joon Hong

AS-228 Long-Term (5-Year) Outcomes of Drug-Eluting Stents and Coronary-Artery Bypass Grafting for Multivessel Coronary Revascularization in Patients with Diabetes Chang Hoon Lee

AS-229 Everolimus-Eluting Versus Sirolimus-Eluting Stents in Diabetic and Nondiabetic Patients

Duk-Woo Park

AS-230 Comparisons of Drug-Eluting Stents vs. Coronary-Artery Bypass Grafting for Patients with Multi-Vessel Disease and Severely Compromised Ventricular Dysfunction

Jung-Min Ahn

AS-231 Impact of Varying Degrees of Renal Impairment on Angiographic and 2-Year Clinical Outcomes After Treatment with Sirolimus-Eluting Stents

Tomoyuki Ota

AS-232 Long-Term (5-year) Outcomes of Percutaneous Versus Surgical Revascularization for Unprotected Left Main Coronary Disease in Diabetic Patients Jun-Hyok Oh AS-233 Impact of Chronic Dialysis on Angiographic and Clinical Outcomes at 2 Years in Patients Treated with Bare Metal or Sirolimus-Eluting Stents

Tomoyuki Ota

AS-234 Plasma B-Type Natriuretic Peptide Levels Reflect the Presence and Severity of Stable Coronary Artery Disease in Diabetic Patients

Qiming Dai

AS-235 Multiple Risk Factors Clustering is the Major Epidemic Character of Patients with Premature Severe 3-vessel Coronary Disease

Che Jingjin

AS-236 Microalbuminuria at the Time of Presentation is Associated with Coronary Plaque Components: Virtual Histology-Intravascular Ultrasound Analysis Young Joon Hong

AS-237 Two-Year Clinical Efficacy of Sirolimus- versus Paclitaxel- versus Zotarolimus-Eluting Stents in Diabetic Patients

Seung-Woon Rha

AS-238 Impact of Routine Mid-term Follow Up Coronary Angiography on Two-Year Clinical Outcomes in Diabetic Patients Undergoing Percutaneous Coronary Intervention with Drug-Eluting Stents Seung-Woon Rha

AS-239 Impact of Alcohol Intake on Angiographic and Long Term Clinical Outcomes in Asian Patients Undergoing Percutaneous Coronary Intervention with the Drug-Eluting Stents

Seung-Woon Rha

AS-240 Effect of Cilastazol on Mid term Clinical and Angiographic Outcomes in Chronic Stable Angina Diabetic Patients underdergoing percutaneous Corornary Intervention

Kanhaiya L. Poddar

AS-241 Can Midterm Clinical Outcomes of Ex-Smoker (>1 years) be better than Current Smoker in Asian Patients Undergoing Percutaneous Coronary Intervention with Drug-Eluting Stents?

Byoung Geol Choi

AS-242 Impact of Glycosylated Hemoglobin Level on Six-Month Angiographic and Two-Year Clinical Outcomes in Diabetic Patients Undergoing Percutaneous Coronary Intervention with Drug-Eluting Stents Ji Young Park

AS-243 Is the Prognosis of Octogenarians Worse as compared with Non-Octogenarians in Patients Undergoing Percutaneous Coronary Interventions in Drug-Eluting Stent Era?

Seung-Woon Rha

AS-244 Is the Prognosis of Younger Patients better as Compared with Elderly Patients Undergoing Percutaneous Coronary Intervention with Drug-Eluting Stents? Seung-Woon Rha

AS-245 Impact of Female Gender on Coronary Artery Spasm as assessed by Acetylcholine Provocation test

Meera Kumari

AS-246 Eagle Eye IVUS Can Correctly Assess the Guidewire Bias by the Location of the IVUS Transducer before Rotational Atherectomy

Katsutoshi Kawamura

AS-247 Relation between Remodeling Pattern and Coronary Plaque Components: Virtual Histology-Intravascular Ultrasound Analysis

Young Joon Hong

AS-248 Relation between Hemoglobin Level and Coronary Plaque Components: Virtual Histology-Intravascular Ultrasound Analysis

Young Joon Hong

AS-249 Relationship between Quantitative Optical Coherence Tomography Parameter and Pressure-Derived Fractional Flow Reserve for Assessing the Functional Severity of Coronary Stenosis

Yasutsugu Shiono

AS-250 Effect of Plaque Distribution to Biomechanical Characteristics of Angiographic Intermediate Coronary Stenosis Guoxiang He

AS-251 Outcome Comparison between IVUS versus No IVUS Guided Chronic Total Occlusion Intervention with Drug-Eluting Stents

Seung-Woon Rha

AS-252 A Comparison of Clopidogrel Responsiveness in Patients with Chronic Renal Failure: Results of the Adjunctive Cilostazol Versus High Maintenance Dose Clopidogrel (PIANO) Study. Jong Shin Woo

AS-253 Lipoprotein(a) As An Independent Risk Factor For Coronary Artery Disease Sung Woo Kwon

AS-254 Effect of Single High-dose Atorvastatin Pretreatment to Prevent Contrast-induced Nephropathy in Patients Undergoing Percutaneous Coronary Intervention

Jung Wook Kim

AS-255 Review of Cholesterol Crystal Embolization, Focusing on the Impact of Renal Involvement on Its Clinical Course Haruya Kawase

AS-256 Significance of High-Density Lipoprotein Cholesterol in Korean Patients with Low Level of Low-Density Lipoprotein Cholesterol for Evaluation of Coronary Artery Disease

So Yeon Kim

AS-257 Basic Medicine Therapy Needs to be Intensified in Patients with Premature Coronary Artery Disease Without Coronary Intervention

Zhong Chen

AS-258 Performance of B Type Natriuretic Peptide in the Early Diagnosis of Left Ventricular Diastolic Dysfunction in High Risk Subjects

Sania Hoque

AS-259 Evaluation of Variable Pitch Helical CT Scanning after CABG Operation Hiroki Yoshida

AS-260 The Usefulness of Multidetector Computed Tomography for Evaluation of Coronary Vascular Lesions Assessed by Intravascular Ultrasound Jong Kwan Park

AS-261 The Incidence and Outcomes of Femoral Artery Complications after Cardiac Catheterization

Chang Hoon Lee

AS-262 Atherosclerotic Disease Burden and Long-Term Outcomes in Patients With Unprotected Left Main Disease Treated With Drug-Eluting Stents or Coronary-Artery Bypass Grafting Duk-Woo Park

AS-263 Effect of High-dose Statin Pretreatment of Perip-procedural Myocardial Injury during Elective Percutaneous Coronary Intervention in Real World

Sang jin Ha

AS-264 The Impact of Potent Statin on Six-month Angiographic and Two-year Clinical Outcomes in Patients Undergoing Percutaneous Coronary Intervention with Drug-eluting Stents in Asian Population Ji Young Park

AS-265 Stent Implantation before Cardiac Surgery with Cardiopulmonary Bypass Has No Effect on Impaired Renal Function in Patients with Renal Artery Stenosis Hongbing Yan

AS-266 Comparison of Mid-Term Clinical Outcomes between Critical Limb Ischemia Patients with Wound and Without Wound following Percutaneous Transluminal Angioplasty

Seung-Woon Rha

## E-POSTER ABSTRACT

AS-267 Is There Any Anatomic Basis for Off Label Use of Coronary Artery Stent in Renal Artery in Swine?

Hongbing Yan

AS-268 A Novel Procedure for Renal Artery Stenting without Using Contrast Media Kazuaki Miyata

AS-269 Impact of High hs CRP on the Clinical Outcomes of Patients with Lower Extremity Peripheral Arterial Disease following Peripheral Transluminal Angioplasty Ji Young Park

AS-270 Factors Associated with Early Invasive Strategy in Patients with Non–ST-Segment Elevation Acute Coronary Syndrome in Taiwan

Tsung-Hsien Lin

AS-271 Usefulness of N-Terminal Pro-B-Type Natriuretic Peptide for Predicting Infarct Size in Non-Anterior Myocardial Infarction Ji Hyun Sohn

AS-272 The Research Of The Association Among Plasma Concertration Of Cystatin C, C-reactive Protein And Coronary Artery Disease

Qi Qian

AS-273 Routine Follow Up Coronary
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Seung-Woon Rha

AS-274 Angiographic Evaluation of a New Technique for Common Femoral Artery Access: The Inguinal Ligament-Guided Shao-Ping Nie

AS-275 Transradial versus Transfemoral Intervention in Acute Myocardial Infarction Patients Undergoing Percutaneous Coronary Intervention in Asian Population Seung-Woon Rha AS-276 Transradial versus Transfemoral Intervention in Acute Non ST-Segment Elevation Myocardial Infarction Patients Undergoing Percutaneous Coronary Intervention with Drug-Eluting Stents Seung-Woon Rha

AS-277 Transradial versus Transfemoral Intervention in Patients Undergoing Percutaneous Coronary Intervention with Drug-Eluting Stents in Asian Population Seung-Woon Rha

AS-278 Can Metabolic Syndrome Predict the Vulnerable Plaque in Patients with Stable Angina Pectoris?

Min Goo Lee

### ABSTRACT REVIEW

April 27~29, 2011

On behalf of the Scientific Committee of ANGIOPLASTY SUMMIT-TCTAP 2011 we would like to express our sincere appreciation to the abstract graders who contributed to their time and expertise making this meeting more educational and prosperous.

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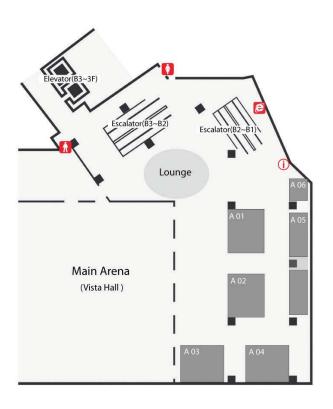
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Exhibit Hall 1 - Main Arena Lobby (B2)



Booth No.

Company Name

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A 03 Boston Scientific

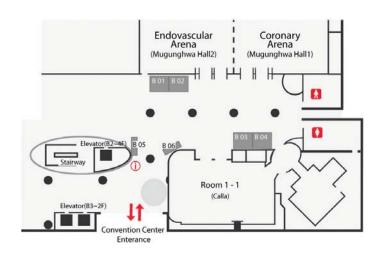
A 05 DIO Ltd./Biosensors International

A 01 Johnson & Johnson Medical Korea Ltd.

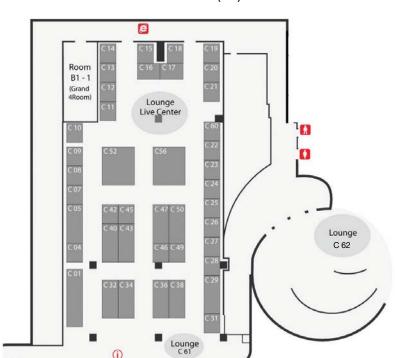
A 04 Medtronic Korea Co., Ltd.

A 06 St. Jude Medical Korea

Exhibit Hall 3 - Coronary Arena Lobby (1F)



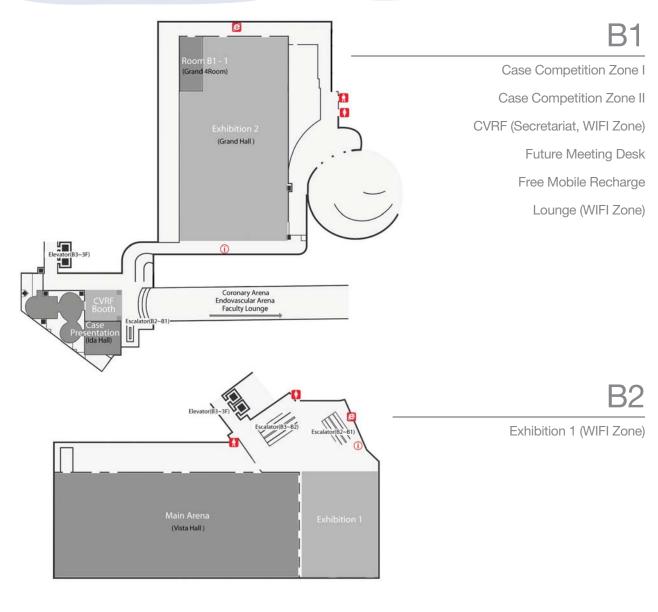
Booth No.	Affliations and Publication
B 01	APSIC (Asian Pacific Society of International Cardiology)
B 04	IECR (Indo-European Course on Revascularization)
B 02	PCR
B 03	SCAI (The Society for Cardiovascular Angiography and Intervention)
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B 06	MEDBOOK

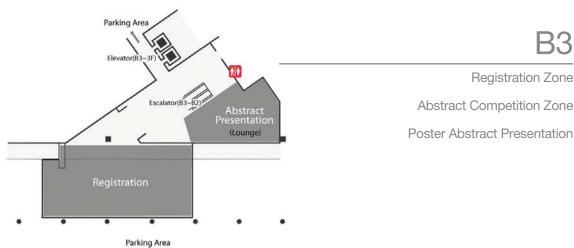


### Exhibition Hall 2 - Grand Hall (B1)

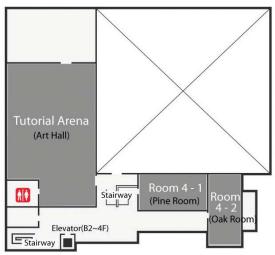
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C 24	Apsun INC	C 43	Lepu Medical Technology (Beijing) Co., Ltd
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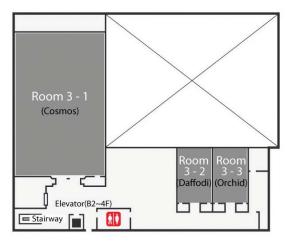


### SHERATON GRAND WALKERHILL HOTEL



4F

3F



Room 2-1
(Presidio)

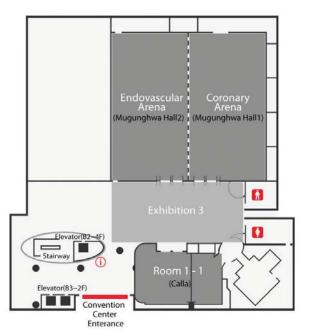
Interview Preview Room
(Studio)

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(Great Room)

2F

Faculty Lounge (WIFI Zone)

Preview Room (File Upload, WIFI Zone)



1F

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- Complex Angioplasty
- Preventive Medicine
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Attn: Ms. Hyerim Yun CardioVascular Research Foundation(CVRF) Tel: 82-2-301-4792, Fax: 82-2-475-6898 E-mail: yuyun@summitMD.com URL: www.cvrf.org / www.summitMD.com



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References 1. Caduat Product Information 2. J.N. Cohn, J.M. Flack, J.W. Jukema, et al. Amiodipine/Atorvastatin Fixed-Dose Combination, American Journal of Cardiovascular Drugs. 2008;8 (1): 51-67, 3. S Erdine, YM Ro, H-F Tse, et al. Single-pillar aniodipine/atorvastatin helps patients of diverse ethnicity attain recommended goals for blood pressure and lipids (the Gemini-AALA study), Journal of Human Hypertension. 2008;1–15, 4. Richard H Chapman, Else M Pelletier, Paula J Smith, et al. Canadherence to antihippenensive therapy be used to promote adherence to statin therapy. Patient Preference and Adherence, 2009;3 265–275, 5. Patel VB, Leslie RS, Thiebaud P et al. Adherence with single-pill amiodipine/atorvastatin vs a two-pill regimen, Vascular Health Risk Management. 2008;4(3):673-61.









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[References] 1. Grundy SM, Cleeman JI, Bairey Merz CN, et al. Circulation. 2004;110:227-239. 2. Smith SC Jr, Allen J, Blair SN, et al. J Am Coll Cardiol. 2006;47:2130-2139. 3. American Diabetes Association. Diabetes Care. 2010;33(1):S11-S61. 4. National Kidney Foundation. http://www.kidney.org/professionals/kdoqi/guidelines\_cvd. Accessed September 30, 2010. 5. Data on file. Pfizer Inc., New York, NY.

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- Minimized restenosis

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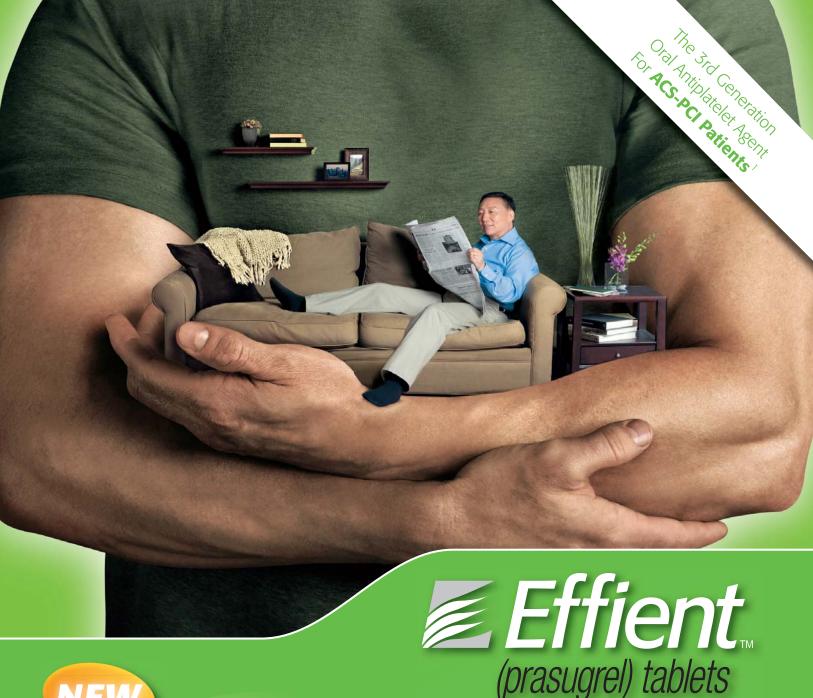
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# **PREDICTABLE RESPONSE**& SUPERIOR PROTECTION

AGAINST THROMBOTIC CV EVENTS VS. Clopidogrel<sup>3</sup>



### PRESCRIBING INFORMATION



### **Effient**<sup>™</sup> tablet 5mg/10mg (Prasugrel HCL)

Efficient is indicated to reduce the rate of thrombotic cardiovascular(CV) events(including stent thrombosis) in patients with acute coronary syndrome(ACS) who are to be managed with percutaneous coronary intervention(PC) as follows:

intervention(PCI) as follows:

Patients with unstable angina(UA) or non-ST-elevation myocardial infarction(NSTEMI)

Patients with ST-elevation myocardial infarction (STEMI) when managed with primary or delayed PCI

### ■ Dose regimen

• Adults:
Effent should be initiated with a single 60 mg loading dose and then continued at 10 mg as a maintenance dose once a day for patients £60 kg. <75 years old. In case of patients with high blood tendency, maintenance dose of 5mg should be administered. Effent is administered regardless of the meal and should be coadministered with aspirint? Smg to 325mg daily.</p>
• Renal impairment
While no dose adjustment is necessary for patients with renal impairment, there is limited therapeutic experience in expertence with a noal impairment.

Hepatic impairment
While no dose adjustment is necessary in subjects with mild to moderate hepatic impairment (Child Pugh dass A and B), there is limited therapeutic experience in such patients.
Children and adolescents
Effient is not recommended for use in children below age 18 due to a lack of data on safety and efficacy.

1.Warning

Effient can cause significant, sometimes fatal, bleeding,(Refer to 4, Adverse reaction part) Do not use Effient in patients with active pathological bleeding or a history of transient ischemic attack or stroke,(Refer to 2, Contraindications) in patients 27 years of age, Effient is not recommended, because of the increased risk of fatal and intracranial bleeding and uncertain benefit. In patients < 60kg, Effient is not recommended, because of the increased risk of bleeding, but on start Effient in patients likely to undergo urgent coronary artery bypass graft surgery (CABG), When possible, discontinue Effient at least 7 days prior to any surgery.

Additional risk factors for bleeding include:

-propersity to bleed.

-concomitant use of medications that increase the risk of bleeding (e.g., warfarin, heparin, fibrinolytic therapy, chronic use of non-steroidal anti-inflammatory drugs (RSADS))
Suspect bleeding in any patient who is hypotensive and has recently undergone coronary angiography, perculareous coronary intervention (PCI), CABS, or other surgical procedures in the setting of Effent. It possible, meanage bleeding without discontinuing Effent. Discontinuing Effent, particularly in the first few weeks after acute coronary syndrome, increases the risk of subsequent cardiovascular events, (Refer to 5, General precaution)
2. Contraindications
1) Hypersensitivity to the active substance or to any of the excipients.
2) Active pathodical bleeding.
3) History of stroke or transient ischemic attack (TIA),
4) Suspece hepartic invasitions.

- Severe hepatic impairment (Child Pugh class C).
   As this drug contains lactose, it should not be administered to patient with hereditary problem of galactose

5) As this drug contains lactose, it should not be administered to patient with hereditary problem of galactose intolerance, lappa lactase deficiency or glucose-galactose malabsorption) and etc.
3. Should be carefully administered to the following patients
1) Bleeding risk
Thieropyridine, including Effient, increase the risk of bleeding. In the phase 3 clinical trial(TRITON-TIMI 38) key exclusion criteria included an increased risk of bleeding, anaemia, thrombcoylopsenia; a history of pathological intracranial findings, Patients with acute coronary syndromes undergoing FCI treated with Efficient Acute coronary syndromes undergoing FCI treated with Efficient Acute coronary syndromes undergoing FCI treated with Efficient or Acute Coronary syndromes undergoing FCI treated with Efficient or Acute Coronary syndromes undergoing FCI treated with Efficient or Acute Coronary syndromes undergoing FCI treated with Efficient or Acute Coronary syndromes undergoing Coronary acute Coronary syndromes undergoing Coronary acute Coronary syndromes acute Coronary syndromes acute Coronary syndromes undergoing Coronary syndromes undergoing Coronary syndromes acute Coronary syndromes undergoing Coronary syndromes acute Coronary syndromes undergoing Coronary syndromes acute Coronary syndromes undergoing Coronary syndromes undergoing Coronary syndromes acute Coronary syndromes undergoing Coronary syndromes undergoing Coronary syndromes acute Coronary syndromes undergoing Coronary syndromes acute Coronary syndromes undergoing Coronary syndromes acute Coronary syndromes ac

- serious bleedings. This concern applies especially to patients: ≥75 years of age (Because of the increased risk of fatal and intracranial bleeding and uncertain benefit, Effient

- >2/5 years or age (textuate or in the mixed and in a many and into intercomment of the surgical procedure 
  Propensity to bleed (e.g., due to recent trauma, recent surgery, recent or recurrent gastrointestinal bleeding, or 
  active peptic ulter disease, etc)

  Body weight <60 kgBecause of the increased risk of bleeding, Effient is not recommended)

  Concomitant administration of medicinal products that may increase the risk of bleeding (e.g., warfarin, heparin, clopidogref, non-steroidal anti-inflammatory drugs (NSAIDs), fibrinolytics, glycoprotein librilla inhibitors and 
  arch Suspect bleeding in any patient who is hypotensive and has recently undergone coronary angiography, PCI, CABG

or other surgical procedures,

2) Coronary Artery Bypass Graft Surgery(CABG)-Related Bleeding

The risk of bleeding is increased in patients receiving Effient who undergo CABG. If possible, Effient should be

discommined at least 1 days prior to cross.

3) Renal impairment and hepatic impairment patient
Therapeutic experience with Effient is limited. These patients may have an increased bleeding risk. Therefore,

4) Thrombotic Thrombocytopaenic Purpura (TTP) The has been rarely reported with the use of other thempoydines, sometimes after a brief exposure(< 2 weeks).

The is a serious condition that can be Itaal and requires urgent treatment, including plasmapheresis (plasma exchange). The Scharacterized by thomotocytopenia, microampopathic hemphicyt anemia (bottscytes [Hagment erd blood cells]) seen on peripheral smean), neurological findings, renal dysfunction, and fever. Efficient was not associated with TIP in clinical trails,

sea Dioloc tens) seem to protect as associated with TTP in clinical trials, 3) Asian In the phase 3 studies where Caucasians had mainly participated, active metabolite AUC was about 30–40% higher in subjects <60 kg compared to subjects <60 kg. Subject <60 kg. Subject sold kg. Subject sold kg. Subject <60 kg. Subjec

LAdverse reaction
Safety in patients with acute coronary syndrome undergoing PCI was evaluated in one clopidogrel-controlled study (TRITON-TIMI 38) in which 6741 patients were treated with prasugrel (60 mg loading dose and 10 mg once daily maintenance dose) for a median of 1,45 months (5802 patients were treated for over 6 months, 4136 patients were treated for more than 1 year).

The rate of study drug discontinuation due to adverse events was 7,2% for prasugrel and 6,3% for dopidogrel. 01 these, bleeding was the most common adverse reaction for both drugs leading to study drug discontinuation (2,5% for prasugrel and 1.4% for dopidogrel).

• Bleedling 1) Non-Coronary Artery Bypass Graft (CABG) related bleeding In phase 3 study, the frequency of patients experiencing a non-CABG related bleeding event is shown in Table 1. The incidence of Non-CABG-related IMI major bleeding, including life-threatening and fatal, as well as TIMI minor bleeding, was statistically significantly higher in subjects treated with prasupel compared to dopidopel in the UAN/STRIAI and IACS populations. No significant difference was seen in the STBM population. The most common site of spontaneous bleeding was the gastrointestinal tract (1.7% rate with prasugrel and 1.3% rate with prasupel and 1.2% with Capodogel.)

### Table 1: Incidence of Nown-CABG related bleeding<sup>a</sup> (% Patients)

Event	All ACS	UA/NSTEMI	STEMI			
	Prasugrel <sup>b</sup>	Clopidogrel <sup>b</sup>	Prasugref*	Clopidogrel <sup>b</sup>	Prasugrel <sup>b</sup>	Clopidogrel <sup>b</sup>
	+ASA	+ASA	+ASA	+ASA	+ASA	+ASA
	(N=6741)	(N=6716)	(N=5001)	(N=4980)	(N=1740)	(N=1736)
TIMI major bleeding <sup>c</sup>	2.2	1.7	2.2	1.6	2.2	2.0
Life-threatening <sup>d</sup>	1.3	0.8	1.3	0.8	1.2	1.0
Fatal	0.3	0.1	0.3	0.1	0.4	0.1
Symptomatic ICH <sup>e</sup>	0.3	0.3	0.3	0.3	0.2	0.2

Requiring inotropes	0.3	0.1	0.3	0.1	0.3	0.2
Requiring surgical intervention	0.3	0.3	0.3	0.3	0.1	0.2
Requiring transfusion (≥4 units)	0,7	0,5	0,6	0,3	0,8	0,8
TIMI minor blooding	2.4	1.0	2.2	1.6	2.7	2.6

- a Centrally adjudicated events defined by the Thrombolysis in Myocardial Infarction (TIMI) Study Group criteria
- a Centrally adjulicated events defined by the frommonopsis in injustration in insurance in insurance and the theoretical control of the standard therapies were used as appropriate.

  C Any intercannial haemonhage or any clinically over bleeding associated with a fall in haemoglobin a 5 girld. 

  Of life-timaterial pleeding is a subset of TIMI major bleeding and includes the types indented below. Pat occurred in more than one row.

  I C limically overt bleeding associated with a fall in haemoglobin of 23 girld. but <5 girld.

2) Bleeding based on weight and age In the phase 3 dirical trial, non-CABGrelated TIMI major or minor bleeding rates for patients in two age groups were as follows, Table 2:

Classification	Prasugrel + Aspirin	Clopidogrel + Aspirin
Age ≥75 years (N=1785)	9.0% (fatal bleeding 1.0%)	6.9% (fatal bleeding 0.1%)
Age <75 years (N=11672)	3.8% (fatal bleeding 0.2%)	2.9% (fatal bleeding 0.1%)
Weight < 60 kg (N=664)	10.1% (fatal bleeding 0%)	6.5% (fatal bleeding 0.3%)
Weight ≥ 60 kgs (N=12672)	4.2% (fatal bleeding 0.3%)	3.3% (fatal bleeding 0.1%)

In patients ≥60 kg and age <75 years, non-CABGrelated TIMI major or minor bleeding rates were 3.6% for prasugrel and 2.8% for clopidogrel; rates for fatal bleeding were 0.2% for prasugrel and 0.1% for clopidogrel.

presigned into 2x via of beleding.

3. CABC-related bleeding.

In the phase 3 dinical trial, 437 patients underwent CABG during the course of the study, Of those patients, the rate of CABC-related TIMI major or minor bleeding was 14.1% for the prasuged group and 4.5% in the depicting group, The higher risk for bleeding events in subjects treated with prasuged persisted up to 7 days from the most recent does of study during.

### Table 3. CABG-Related Bleeding (%)

	Effient + Aspirin (N = 213)	Clopidogrel + Aspirin (N = 224)
TIMI Major bleeding	11.3 %	3.6 %
- Fatal	0.9 %	0 %
- Reoperation	3.8 %	0.5 %
- Transfusion of ≥5 units	6,6 %	2,2 %
- Intracranial hemorrhage	0 %	0 %
TIMI Minor bleeding	2.8 %	0.9 %

For patients who received their thienopyridine within 3 days prior to CABG, the frequencies of TIMI major or minor bleeding were 26,7% (12 of 45 patients) in the prasugrel group, compared with 5.0% (3 of 60 patients) in the doplodged group, For patients who received their last doe of thienopyridine within 4.07 days prior to CABG, the frequencies decreased to 11,3% (9 of 80 patients) in the prasugrel group and 3,4% (3 of 89 patients) in the doplodgel group. Beyond? days after drug discontinuation, the observed rates of CABG-related bleeding were similar between treatment groups.

	Effient + Aspirin	Clopidogrel + Aspirin
Epistaxis	6.2 %	3.3 %
Gastrointestinal hemorrhage	1.5 %	1.0 %
Hemoptysis	0.6 %	0.5 %
Subcutaneous hematoma	0.5 %	0.2 %
Post-procedural hemorrhage	0.5 %	0.2 %
Retroperitoneal hemorrhage	0.3 %	0.2 %
Retinal hemorrhage	0.0 %	0.1 %

During the phase 3 study, newly diagnosed malignancies were reported in 1.6% and 1.2% of patients treated with prasugrel and clopidogrel, respectively. The sites contributing to the differences were primarily culon and lung. It is unclear if these observations are causally-related or are random occurrences.

Other adverse events
 In the phase 3 study, other important non-hemorrhagic adverse events were as follows.

	Effient + Aspirin	Clopidogrel + Aspirin
Severe thrombocytopenia	0.06 %	0.04 %
Anemia	2.2 %	2.0 %
Abnormal hepatic function	0.22 %	0.27 %
Allergic reactions	0.3 %	0.36 %
Angigadama	0.06.0/	0.04.0/

### Also the following summarizes the adverse events reported by at least 2.5% of patients.

Hypertension	7.5 %	7.1 %
Hypercholesterolemia/Hyperlipidemia	7.0 %	7.4 %
Headache	5.5 %	5.3 %
Back pain	5.0 %	4.5 %
Dyspnea	4.9 %	4.5 %
Nausea	4.6 %	4.3 %
Dizziness	4.1 %	4.6 %
Cough	3,9 %	4,1 %
Hypotension	3.9 %	3.8 %
Fatigue	3,7 %	4.8 %
Non-cardiac chest pain	3.1 %	3.5 %
Atrial fibrillation	2.9 %	3.1 %
Bradycardia	2.9 %	2.4 %
Leukopenia (<4 x 109 WBC/L)	2.8 %	3.5 %
Rash	2.8 %	2.4 %
Pyrexia	2,7 %	2,2 %
Peripheral edema	2,7 %	3.0 %
Pain in extremity	2.6 %	2.6 %

In patients with or without a history of TIA or stroke, the incidence of stroke in the phase 3 clinical trial was as follows (see section 4.4):

History of TIA or stroke	Prasugrel	Clopidogrel
Yes (N=518)	6.5% (2.3% ICH*)	1.2% (0% ICH*)
No (N=13090)	0,9% ( 0,2% ICH*)	1.0% (0.3% ICH*)

5. General precaution

1) Patients should be told that it might take bringer than usual to stop bleeding when they take Effient, and that they should report any unusual bleeding to their physician immediately. Patients should be advised to inform physicians and dentists that they are taking prasugrel before any surgery is scheduled and before any new

physicians and centists that mey are usung prosuper better any surgery or survenue and occurrent. If a patient is to undergo surgery, and an antiplatelet effect is not desired, Effient should be discontinued at least 7 days prior to surgery.

2) As Effient prolong the bleeding time, Effient should be discontinued at least 7 days prior to any surgery finchding CABO; if a patients is to undergo surgery and an antiplatelet effect is not desired.

3) As there are risks of bleeding and hemorrhagic adverse events, blood cell count determination or other appropriate test should be immediately considered when clinical symptoms that are suspected to be such adverse events and home there is the surface of the surface and the surface a

appropriate lest should be immediately condensed when clinical symptoms but all as suspected troes such adverse events are shown during the treatment.

4) Thieropyridines inhibit platelet aggregation for the lifetime of the platelet (7-10 days), so withholding a dose will not be useful in managing a bleefing event or the risk of bleeding associated with an invasive procedure. Because the half-life of prasugrel's active metabolite is short relative to the lifetime of the platelet, it may be

possible to restore hemostasis by administering exogenous platelets; however, platelet transfusions within 6 hours of the loading dose or 4 hours of the maintenance dose may be less effective.

5) Escontinue themopyridines, including Efflent, for active beleding, elective surgery, stroke, or TIA. The optimal duration of thienopyridines charging still believe the surgery stroke, or TIA. The optimal duration of thienopyridines (man patignate) the surgery stroke, or TIA. The optimal duration of thienopyridines, form antiplatelet medication, including thienopyridines, conveys an increased risk of stent thrombosis, myocardial infarction, and death, Patents who require premature discontinuation of a thienopyridine will be at increased risk for cardiac events. Lapses in therapy should be avoided, and if thienopyridines must be temporarily discontinued because of an adverse event(s), they should be restarted as soon as snoxibile.

8. Drug interactions
1) Warfain: Comomitant administration of Effent with coumarin derivatives other than warfarin has not been studied. Because of the potential for increased risk of bleeding, warfarin (or other coumarin derivatives) and praugel should be co-administreed with caution.
2) Non-steroidal anti-inflammatory drugs (NSAIDs): Concomitant administration with chronic NSAIDs has not been studied. Because of the potential for increased risk of bleeding, chronic NSAIDs (including COX-2 inhibitors) and Effent should be co-administered with caution.
3) Effent can be concomitantly administered with medicinal products metabolised by cytochrome P450 enzymes (including statins), or medicinal products that are induces or inhibitors of cytochrome P450 enzymes (fined as be concomitantly administered with ASA, heparin, digovin, and medicinal products that eleave agastic play including proton pump inhibitors and H2 blockers, Although not studied in specific interaction studies. Efferth has been co-administered in the phase 3 clinical trial with low molecular weight heparin, bivalingin, and GP Ilbillal inhibitors (no information available regarding the type of GP Ilbilla inhibitor used) without evidence of clinically significant adverse interactions. significant adverse interactions.

### Effects of other medicinal products on Effient:

significant adverse interactions.

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Alsapirin: Effects of the medicinal products on Effects

of the definition of the efficacy and safety of passaged comes from patients concomitantly treated with Aspirin.

5) Heparin: A single intraverous both soles of unfractionated heparin (100 Ukg) did not significantly after the offscay and safety of prasuged comes from patients concomitantly, treated with Aspirin.

5) Heparin: A single intraverous both soles of unfractionated heparin (100 Ukg) did not significantly after the effect of heparin on measures of coagulation. Therefore, both medicinal products can be administed concomitantly, An increased risk of bleeding is possible when Effect is or-administered with heparin.

Olivarian: A significant prolongosition of the bleeding time was observed when Effect was coadministered with 15mg of warfarin.

5) Statins: Atomistation of passaged or is inhibition of platelet aggregation. Therefore, strains that are substrates of CYP3A are not anticipated to have an effect on the pharmacokinetics of passaged or is inhibition of platelet aggregation.

8) Medicinal products that elevate gastric ph. Daly co-administration of ranticine (an Hz blocker) or lansoprazole (a proton pump inhibition) did not change the pressage active metabolite's AUC and Timas, but decreased the Cana by 14% and 25%, respectively. In the phase 3 clinical trial, Effect was administrated without regard to co-administration of a proton pump inhibition of Alberta and the proton pump inhibition of CYP3A and CYP3AS, and an indicated of CYP3A and CYP3AS, and an indicate of CYP3A and CYP3AS, and an indicate

### Effects of Effient on other medicinal products:

11) Digaxin: prasugrel has no clinically significant effect on the pharmacokinetics of digaxin.
12) Medicinal products metabolised by CPP2C9: prasugal did not inhibit CPP2C9 is sit did not affect the pharmacokinetics of Swarfarin. Because of the potential for increased risk of bleeding, warfarin and Efficint

plantiackontects of swariantin, secases of the plantial to increase this of the energy of the plantial to increase the control of the plantial to increase the control of the plantial to increase t

7. Prognancy and lactation
1) No clinical study has been conducted in pregnant or lactating women.
2) Pregnancy. Animal studies do not indicate direct harmful effects with respect to pregnancy, embryonal/ foretal development, parturition or poststatal development. Because animal reproduction studies are not always predictive of a human response. Effent should be used during pregnancy only if the potential benefit to the mother justifies the potential risk to the feutus.
3) Nursing mothers: It is unknown whether prassuprel is excreted in human breast milk. Animal studies have shown excretion of prassuger lib reseat milk, The use of prassuged unity preast feeting is not recommended. Prassuged had no effect on fertility of male and female rats at oral doses up to an exposure 240 times the recommended daily human maintenance dose (based on mg/m2). Because many drugs are excreted in human milk, possuged should be used during nursing only if the potential benefit to the mother justifies the potential fix to the nursing in fant. 8. Pediatric use

Safety and effectiveness in pediatric and adolescent patients no more than 18 years old have not been

established.

9. Effects on ability to drive and use machines
No studies on the effects on ability to drive and use machines have been performed. Prasugrel is expected to have no or negligible influence on the ability to drive and use machines.

10. Geriatric use
Patients > 75 years of age who received Effient had an increased risk of fatal bleeding events such as symptomatic intracanial hemorrhage. Thus, Effient is not recommended in patients > 75 years of age.

symptomatic intracranial hemorrhage. Thus, Efflent is not recommended in patients 275 years of age.

11.0verdose

Overdose of Efflent may lead to prolonged bleeding time and subsequent bleeding complications. No data are
available on the reversal of the pharmacological effect of prasuget; however, if prompt correction of prolonged
bleeding time is required, platelet transfusion and/or other blood products may be considered.

12. Storage and precaution in handling

1) Keep out of the reach and sight of children,

2) As placing Efficient tion another container may become the cause of accident or be undesirable in terms of
maintaining quality, it should be handled with caution.

maintaining quality, it should be handled with caution, 13. Others
13. Others
13. Others
15. Others not considered a relevant human risk,

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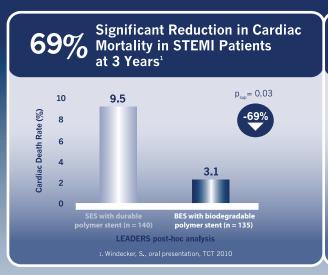


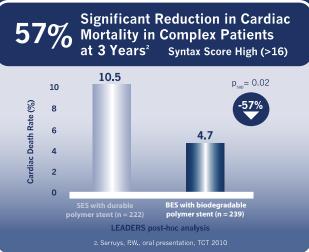




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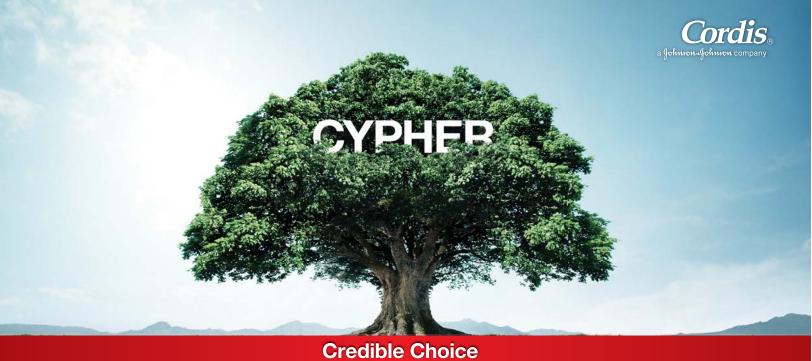
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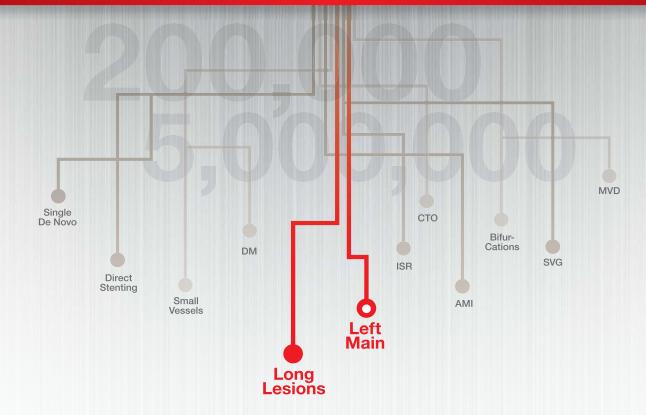
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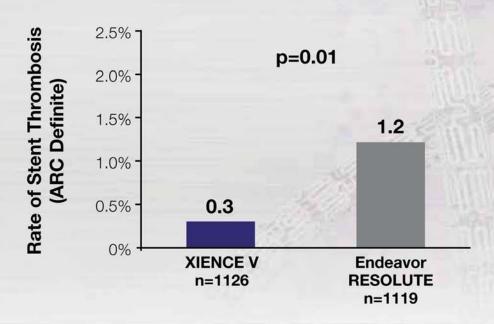




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