

*Save
the Dates!*

9th AP VALVES & Structural Heart (LAA and PFO)

August 7-8, 2020
Grand Walkerhill Seoul, Korea

Secretariat of AP VALVES & Structural Heart(LAA & PFO) 2019
CardioVascular Research Foundation (CVRF)

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**Final
Information
Book**

www.ap-valves.com

8th AP VALVES & Structural Heart (LAA and PFO)

**August 9-10,
2019**

**Grand Walkerhill
Seoul, Korea**

Course Directors

Eberhard Grube, MD
Seung-Jung Park, MD
Myeong-Ki Hong, MD
Duk-Woo Park, MD

Course Co-Directors

Kentaro Hayashida, MD Jung-Min Ahn, MD
Raj Makkar, MD Jun Kim, MD
Alan C. Yeung, MD Jung-Sun Kim, MD
Wei-Hsien Yin, MD Pil Hyung Lee, MD

Scientific Committee

David Cohen, MD Edgar Lik-Wui Tay, MD Hyo-Soo Kim, MD Suk Jung Choo, MD
Paul Hsien-Li Kao, MD Jian-an Wang, MD Jae-Kwan Song, MD Sun Uck Kwon, MD
Michael Kang-Yin Lee, MD Bo Xu, MD Jong Sung Kim, MD

Program Sponsorship and Support



AP VALVES & Structural Heart (LAA and PFO) is sponsored by CardioVascular Research Foundation (CVRF) and Asan Medical Center (Seoul, Korea) and partially funded by educational grants from commercial supporters.

The CardioVascular Research Foundation wishes to extend special appreciation to Clinical Research Center for Ischemic Heart Disease for their continued support to our programs.

Sponsorship List

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Friday, August 9

Breakfast Meeting



#1. Interesting Cases

7:30 AM ~ 8:20 AM

Moderator(s) *Seung-Jung Park, Horst Sievert*
Panelist(s) *Wacin Buddhari, Kam Tim Chan, Seung Hyuk Choi, Won-Jang Kim, Shunsuke Kubo, Michael Kang-Yin Lee, Jinsik Park, Jian-an Wang, Jian (James) Ye, Wei-Hsien Yin*

Case Presentations

- 7:30 AM An Accidental Jump
Ka Chun Un
- 7:40 AM Severe Intraprosthetic Egurgitation During Transcatheter Aortic Valve Implantation
Yoshiki Matsuo
- 7:50 AM Pseudo-Inoperable Valve in Valve
Tasalak Thonghong
- 8:00 AM Invited Case Presentation: MitraClip for Degenerative MR with Very Wide Flail Leaflet and Concomitant Atrial Septal Defect
Shunsuke Kubo
- 8:10 AM Invited Case Presentation: Transcatheter Mitral Valve-in-Valve Implantation to Treat Paravalvular Leak of Surgical Bioprosthesis
Wei-Hsien Yin

Plenary Session

Opening, Live Case & Lecture 1: TAVR

8:30 AM ~ 10:00 AM

Moderator(s) *Eberhard Grube, Seung-Jung Park*
Discussant(s) *Wacin Buddhari, Paul TL Chiam, Woo-Baek Chung, Geu Ru Hong, Myeong-Ki Hong, Hyo-Soo Kim, Nobuyuki Komiyama, Horst Sievert, Tien-Ping Tsao, Anthony Yiu Tung Wong, Jian (James) Ye*

Asan Medical Center, Seoul, Korea

8:30 AM **Case #1**
1st Operator : Duk-Woo Park
2nd Operator : Ho Jin Kim
3rd Operator : Do-Yoon Kang

Case #2
1st Operator : Jung-Min Ahn
2nd Operator : Euihong Ko

Case #1, #2
Echo Interpreter : Dae-Hee Kim

9:30 AM **Opening Remark**
Seung-Jung Park

Featured Lectures

- 9:35 AM **Current Status of TAVR - What We Have Achieved?**
Horst Sievert
- 9:45 AM **Future Perspectives for TAVR - What Is Remained?**
Eberhard Grube
- 9:55 AM **Discussion and Audience Interaction**

Live Case & Lecture 2: TAVR

10:00 AM ~ 12:30 PM

Moderator(s) *Hyuk Ahn, David Cohen, Myeong-Ki Hong, Raj Makkar*

Discussant(s) *Seung Hyuk Choi, Guo Sheng Fu, Jae-Hwan Lee, Michael Kang-Yin Lee, Toru Naganuma, Seung-Woon Rha, Jian-an Wang, Wei-Hsien Yin*

Asan Medical Center, Seoul, Korea

10:00^{AM} Case #3

1st Operator : *Seung-Jung Park*
2nd Operator : *Raj Makkar*
3rd Operator : *Jung-Min Ahn*

Case #4

1st Operator : *Horst Sievert*
2nd Operator : *Duk-Woo Park*
3rd Operator : *Euihong Ko*

Case #3, #4

Echo Interpreter : *Dae-Hee Kim*

11:00^{AM} West China Hospital, China: AR with J-Valve TA System

1st Operator : *Yingqiang Guo*

Featured Lectures

12:00^{PM} Dedicated CT Algorithm for Optimal TAVR

Do-Yoon Kang

12:10^{PM} TAVR for Bicuspid AV: Tips and Tricks

Jung-Min Ahn

12:20^{PM} TAVR Challenges and Innovations in China

Jian-an Wang

Lunchtime Activity



Video Case Presentation

12:30 PM ~ 2:00 PM

Moderator(s) *Eberhard Grube, Raj Makkar, Seung-Jung Park*

Panelist(s) *Jung-Min Ahn, David Cohen, Myeong-Ki Hong, Hyo-Soo Kim, Michael Kang-Yin Lee, Duk-Woo Park, Edgar Lik-Wui Tay, Jian-an Wang, Jian (James) Ye, Wei-Hsien Yin*

12:30^{PM} Balloon-Expandable SAPIEN 3 Valve

Duk-Woo Park

1:00^{PM} Self-Expandable Evolut R & PRO Valve

Jung-Min Ahn

1:30^{PM} Selection of the Valve: Balloon- vs. Self-Expandable Valve

Michael Kang-Yin Lee

Plenary Session

Live Case & Lecture 3: PFO

2:00 PM ~ 3:30 PM

Moderator(s) *Teiji Akagi, Jong Sung Kim, Jae-Kwan Song*

Discussant(s) *Gary Shing-Him Cheung, Woong Chol Kang, Jung-Sun Kim, Jong-Young Lee, Gi-Byoung Nam, Mi Young Park, Young Won Yoon*

Asan Medical Center, Seoul, Korea

2:00^{PM} Case #5

1st Operator : *Pil Hyung Lee*

Case #6

1st Operator : *Jae-Hwan Lee*

Case #5, #6

Echo Interpreter : *Seung-Ah Lee*

Featured Lectures

2:50^{PM} Neurologist's Perspective: Recent Data and Best Practices for Managing Patients

Bum Joon Kim

3:00^{PM} Decision Making for PFO Closure: What Is the High-Risk PFO?

Teiji Akagi

3:10^{PM} Antithrombotics After PFO Device Closure: What and How Long?

Woong Chol Kang

3:20^{PM} Discussion and Audience Interaction

Live Case & Lecture 4: Mitral Valve

3:30 PM ~ 5:40 PM

Moderator(s) *Eberhard Grube, Seung-Jung Park, Jian (James) Ye*

Discussant(s) *Jung-Min Ahn, Ying-Hwa Chen, David Cohen, Young-Guk Ko, Shunsuke Kubo, Ohchoon Kwon, Yung-Tsai Lee, Raj Makkar, Kyung Woo Park, Anthony Yiu Tung Wong*

3:30^{PM} Heart Center Bonn, University Hospital Bonn, Bonn, Germany

1st Operator : *Georg Nickenig*
2nd Operator : *Jan-Malte Sinning*

Featured Lectures

5:00^{PM} Percutaneous Mitral Valve Repair: Current Status and Future Perspectives
Eberhard Grube

5:10^{PM} Quality of Life Outcomes of Transcatheter Mitral Valve Repair: Insights from the COAPT
David Cohen

5:20^{PM} Mitral Valve-in-Valve and Valve-in-Ring: Outcomes and Procedural Considerations
Raj Makkar

5:30^{PM} Innovations in Transcatheter Mitral Valve Replacement
Jian (James) Ye

Evening Joint Symposium



Heart Team Dinner: Debate, Discuss, and Collaborate

6:00 PM ~ 8:00 PM

Moderator(s) *Byung Chul Chang, Eberhard Grube, Seung-Jung Park*

Panelist(s) *Jae Young Choi, Suk Jung Choo, Kentaro Hayashida, Myeong-Ki Hong, Jong Sung Kim, Sun Uck Kwon, Yung-Tsai Lee, Raj Makkar, Hyun Song, Jae-Kwan Song, Jian (James) Ye*

Debate 1: TAVR in Low Risk Patient

6:00^{PM} TAVR Will Be a Standard Treatment for All Patients with Aortic Stenosis
Raj Makkar

6:10 PM It Is Early to Tell TAVR in All Patients with Aortic Stenosis
Jian (James) Ye

6:20 PM Discussion Between Panels and Audiences

Debate 2: Valve Selection for SAVR

6:40 PM Tissue Valve for All AS Patients: Safe and Well-proven Option
Suk Jung Choo

6:50 PM Mechanical Valve: It Is Still Strong
Byung Chul Chang

7:00 PM Discussion Between Panels and Audiences

Debate 3: Patients with a Cryptogenic Stroke and No Other Known Sources of Stroke Besides a PFO

7:20 PM Percutaneous Closure of PFO Is Still Underutilized!
Jae Young Choi

7:30 PM Percutaneous Closure of PFO Should Be Used in Restricted Patients!
Jae-Kwan Song

7:40 PM Discussion Between Panels and Audiences

Saturday, August 10

Breakfast Meeting



#2. Interesting Cases

7:30 AM ~ 8:24 AM

Moderator(s) *David Cohen, Kentaro Hayashida*
 Panelist(s) *Gary Shing-Him Cheung, Paul TL Chiam, Huimin Chu, Yoon Seok Koh, Nobuyuki Komiyama, Cheung Chi Simon Lam, Mao-Shin Lin, Edgar Lik-Wui Tay, Anthony Yiu Tung Wong*

Case Presentations

7:30 AM Reoperation of Aortic Valve Replacement Using Sutureless Aortic Valve for Early Degeneration and Thrombosis After Transcatheter Aortic Valve Implantation (TAVI)
Hyo-Hyun Kim

7:40 AM Transcatheter Aortic Valve Implantation for the Patient with Very Small Annulus
Yusuke Kobari

7:50 AM Invited Case Presentation: LAAC with Zero Fluoro via ICE Guidance
Huimin Chu

8:00 AM Invited Case Presentation: Acute Femoral Occlusion After Adjunctive Angio-Seal Usage in Vascular Closure Following Transcatheter Aortic Valve Replacement
Mao-Shin Lin

8:10 AM Invited Case Presentation: Dedicated TAVR Device for Pure Native AR
Anthony Yiu Tung Wong

Plenary Session

Live Case & Lecture 5: TAVR

8:30 AM ~ 10:00 AM

Moderator(s) *Kentaro Hayashida, Seung-Jung Park*
 Discussant(s) *Kam Tim Chan, Suk Jung Choo, Cheol Hyun Chung, Won-Jang Kim, Se-Whan Lee, Mao-Shin Lin, Edgar Lik-Wui Tay, Tien-Ping Tsao, Jian (James) Ye*

Asan Medical Center, Seoul, Korea

8:30 AM **Case #7**
 1st Operator : *Raj Makkar*
 2nd Operator : *Duk-Woo Park*
 3rd Operator : *Do-Yoon Kang*

Case #8
 1st Operator : *Myeong-Ki Hong*
 2nd Operator : *Young-Guk Ko*
 3rd Operator: *Jung-Min Ahn*

Case #7, #8
 Echo Interpreter : *Dae-Hee Kim*

Featured Lectures

9:30 AM Current Status of TAVR in Japan
Kentaro Hayashida

9:38 AM Current Status of TAVR in Korea and US: TP-TAVR Registry
Duk-Woo Park

9:46 AM Coronary Access After TAVR
Edgar Lik-Wui Tay

9:54 AM Minimalist TAVR: AMC Experience
Seung-Jung Park

Live Case & Lecture 6: LAAO

10:02 AM ~ 12:00 PM

Moderator(s) *Gary Shing-Him Cheung, Kee-Joon Choi*
 Discussant(s) *Paul TL Chiam, Huimin Chu, Boyoung Joung, Woong Chol Kang, Sung-Hwan Kim, Cheung Chi Simon Lam, Hyunjong Lee, Hong Euy Lim, Jae Hyoung Park, Anthony Yiu Tung Wong*

Featured Lectures

10:02 AM Choosing the Right Device for the Right Anatomy
Cheung Chi Simon Lam

10:12 AM Minimalistic Approach to LAAO Under Intra-Cardiac Echocardiographic Guidance
Gary Shing-Him Cheung

10:22 AM Post LAAO Anti-Thrombotic Regimens and for How Long After the Closure
Anthony Yiu Tung Wong

10:32 AM Discussion and Audience Interaction

Asan Medical Center, Seoul, Korea (Case #9, #10)

Asan Medical Center, Seoul, Korea

10:40^{AM} Case #9
 1st Operator : Jun Kim
 2nd Operator : Min Soo Cho

Case #9
 Echo Interpreter : Seung-Ah Lee

Case #10
 1st Operator : Jung-Sun Kim
 2nd Operator : Pil Hyung Lee

Case #10
 Echo Interpreter : Geu Ru Hong

Featured Lectures

[Debate] Evidence-Based LAA Closure: Who Benefits?

11:30^{AM} Is LAA Closure a Valid Alternative? No, NOACs Are Strongly Preferred to LAA Closure!
 Boyoung Joung

11:40^{AM} LAAO Is Becoming a First Line Option.
 Seung Yong Shin

11:50^{AM} Discussion and Audience Interaction

Lunchtime Activity



Decision Making in Patients with Clinical Indications of DOAC

12:00 PM ~ 1:00 PM

Moderator(s) David Cohen, Hyo-Soo Kim
 Panelist(s) Eue-Keun Choi, Huimin Chu, Young-Hoon Jeong, Jun Kim, Pil Hyung Lee, So-Ryoung Lee, Hong Euy Lim, Kyung Woo Park, Jung-Won Suh

12:00^{PM} Optimizing Stroke Prevention with NOACs Focused on Updated Studies of Edoxaban
 Eue-Keun Choi

12:15^{PM} Clinical Challenges in CKD Patients with AF: Renal Safety of Rivaroxaban
 Hong Euy Lim

12:30^{PM} The Optimal Antithrombotic Strategy in Patients with AF and ACS: Focusing on the AUGUSTUS Trial
 Kyung Woo Park

12:45^{PM} Discussion and Audience Interaction

Plenary Session

Live Case & Lecture 7: TAVR

1:00 PM ~ 3:00 PM

Moderator(s) Eberhard Grube, Raj Makkar, Myeong-Ki Hong
 Discussant(s) Wacın Buddhari, Ying-Hwa Chen, Cheol Ung Choi, Young Jin Choi, David Cohen, Yoon Seok Koh, Nobuyuki Komiyama, Jinsik Park, Young-Nam Youn

1:00^{PM} Asan Medical Center, Seoul, Korea: Case #11
 1st Operator : Suk Jung Choo
 2nd Operator: Duk-Woo Park
 3rd Operator: Ho Jin Kim
 4th Operator : Euihong Ko

Asan Medical Center, Seoul, Korea: Case #12
 1st Operator: Kentaro Hayashida
 2nd Operator : Jung-Min Ahn
 3rd Operator : Cheol Hyun Lee

Asan Medical Center, Seoul, Korea: Case #11, #12
 Echo Interpreter : Dae-Hee Kim

Featured Lectures

2:00^{PM} Who Should Not Undergo TAVR? Key Insights from the Pivotal Trials and Registries
 David Cohen

2:10^{PM} Optimal Antithrombotics After TAVR
 Duk-Woo Park

2:20^{PM} The Next Target of the Valvular Intervention: Future Perspectives
 Eberhard Grube

2:30^{PM} Discussion and Audience Interaction

2:50^{PM} Take Home Message & Closing Remark
 Duk-Woo Park

Friday, August 9

TAVR - Evolut: A-to-Z with Experts

2:10 PM ~ 3:10 PM

- 2:10 PM CT planning for Evolut System
Do-Yoon Kang
- 2:25 PM Post TAVR Coronary Access with Evolut System
Jung-Min Ahn
- 2:40 PM Hands-on Teaching with Simulator
Toru Naganuma

Post TAVR PCI Simulator Hands-on

3:10 PM ~ 4:30PM

Organized by CVRF and Supported by Educational Grant from Medtronic Korea plc.

Saturday, August 10

LAA Closure: A-to-Z with Experts

8:50 AM ~ 9:50 AM

- 8:50 AM Imaging Planning for Device Type and Size Selection
Jung-Sun Kim
- 9:10 AM LAA Closure: Step-by-Step from Septal Puncture to Device Detachment
Cheung Chi Simon Lam
- 9:30 AM LAA Closure Simulator: Hands-on Teaching
Pil Hyung Lee

TAVR - SAPIEN: A-to-Z with Experts

10:10 AM ~ 11:10 AM

- 10:10 AM CT Planning for SAPIEN 3
Euihong Ko
- 10:30 AM SAPIEN 3: Step-by-Step from Puncture to Closure
Kentaro Hayashida
- 10:50 AM APEIN 3 TAVR Simulator: Hands-on Teaching
Duk-Woo Park

Edwards Sapien 3 simulator hands on session

11:30 AM ~ 3:00 PM

Organized by CVRF and Supported by Educational Grant from Edwards Lifesciences Korea Co., Ltd.

B2



Exhibition List

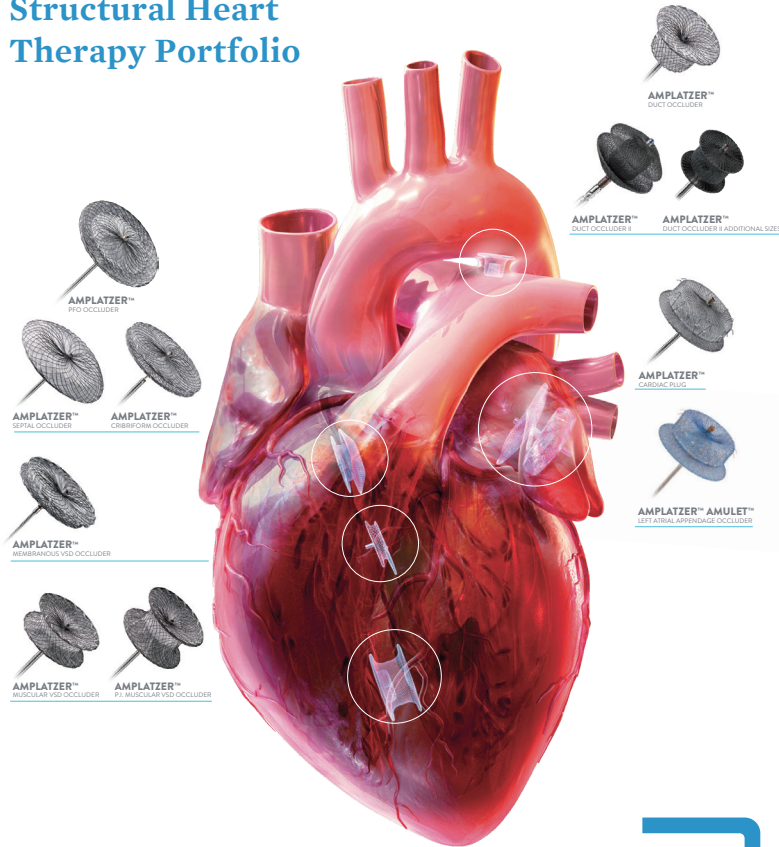
Company Name	Booth No.	Company Name	Booth No.
Medtronic Korea plc. <i>* Training Center</i>	1-2	U.Pine Med <i>* Training Center</i>	9
Edwards Lifesciences Korea Co., Ltd. <i>* Training Center</i>	3-4	Boston Scientific	10
Pfizer Pharmaceutical Korea Ltd.	5	Siemens Healthineers	12
Abbott <i>* Training Center</i>	6-7	Bayer Korea	13
Daiichi Sankyo Korea	8		

Operating Hours

	August 9 (Fri)	August 10 (Sat)
Main Session	7:30 AM ~ 8:00 PM	7:30 AM ~ 3:00 PM
Faculty Lounge & Preview Room, CVRF Booth, Registration	6:30 AM ~ 8:00 PM	6:30 AM ~ 3:00 PM
Exhibition	8:30 AM ~ 5:30 PM	8:30 AM ~ 3:00 PM

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Structural Heart Therapy Portfolio

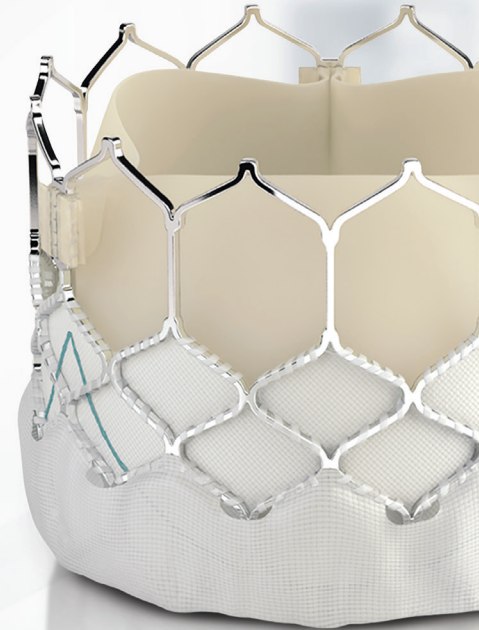


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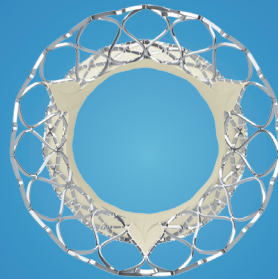
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Call for Submission
~ November 1, 2019

Advance Registration
~ April 10, 2020

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NOVEMBER 28-29, 2019

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