Save the Dates!

7th AP VALVES 2018
August 2–4, 2018
Beijing, China

Secretariat of AP VALVES 2017
CardioVascular Research Foundation (CVRF)
2F Asan Institute for Education & Research, 88, Olympic-Ro 43-Gil, Songpa-Gu, Seoul, 05505, Korea
Tel 82-2-3010-4720 | Fax 82-2-475-6898 | E-mail emiliecho@summitmd.com

6th AP VALVES 2017
August 16-18, 2017
Grand Walkerhill Seoul, Korea
Learning Objectives

- Understand the Concept and Advances in Percutaneous Valve Implantation Technology
- Assess the Imaging Modalities Available for Diagnosis of Valvular Heart Disease
- Acquire the Skills Necessary to Perform Transcatheter Valve Therapies
- Describe Current and Future Therapeutic Options for Valvular Heart Disease
- Discuss Evaluation and Management of Patients with Valvular Heart Disease
- Identify When to Refer Patients for Surgery/Intervention
- Discuss the Setting-up of Heart Team for Valve Implantation

Course Directors
- Runlin Gao, MD
- Eberhard Grube, MD
- Seung-Jung Park, MD
- Duk-Woo Park, MD
- Jung-Min Ahn, MD

Course Co-Directors
- Bo Xu, MD
- Kiyuk Chang, MD
- Myeong-Ki Hong, MD
- Hyo-Soo Kim, MD

Program Sponsorship and Support

AP VALVES is organized by CardioVascular Research Foundation (CVRF) and supported by Heart Institute of 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.

International Faculty

- Philipp Blanke, MD
  University of British Columbia & St. Paul’s Hospital, Canada

- Wacin Buddhari, MD
  King Chulalongkorn Memorial Hospital, Thailand

- Jason Leung Kwai Chan, MD
  Queen Elizabeth Hospital, Hong Kong, China

- Kam Tim Chan, MD
  Queen Elizabeth Hospital, Hong Kong, China

- Praveen Chandra, MD
  Medanta Heart Institute, India

- Mao Chen, MD
  West China Hospital, China

- Ying-Hwa Chen, MD
  Veterans General Hospital, Taiwan

- Paul TL Chiam, MD
  Mount Elizabeth Hospital, Singapore

- Nagendra Singh Chouhan, MD
  Medanta Heart Institute, India

- David J. Cohen, MD
  Saint Luke’s Mid America Heart Institute, USA

- Eberhard Grube, MD
  University Hospital Bonn, Germany

- Kentaro Hayashida, MD
  Keio University School of Medicine, Tokyo, Japan

- Jimmy Kim Fatt Hon, MD
  National University Hospital, Singapore

- I-Chang Hsieh, MD
  Linkou Chang Gung Memorial Hospital, Taiwan

- Binoy John, MD
  BKMC International, India

- Paul Hsien-Li Kao, MD
  National Taiwan University Hospital, Taipei, Taiwan

- Nobuyuki Komiyama, MD
  St. Luke’s International Hospital, Japan

- Xiangqing Kong, MD
  Nanyang Medical University, China

- Vijay Kumar, MD
  Fortis Escorts Heart Institute, India

- Yung-Tsai Lee, MD
  Cheng-Hsin General Hospital, Taiwan

- Mao-Shin Lin, MD
  National Taiwan University Hospital, Taiwan

- Xianbao Liu, MD
  The Second Affiliated Hospital of Zhejiang University, China

- Vincent Luk, MD
  Queen Elizabeth Hospital, Hong Kong, China

- Raj Makkat, MD
  Cedars-Sinai Medical Center, USA

- Georg Nickenig, MD
  University Hospital, Bonn, Germany

- Fabio Enrique Posas, MD
  St Luke’s Medical Center, Philippines

- Tomohiro Sakamoto, MD
  Sasebo Kumor Hospital, Japan

- Robert Schueler, MD
  University Hospital, Bonn, Germany

- Jan-Malte Sinning, MD
  University Hospital, Bonn, Germany

- Norio Tada, MD
  Sendai Kosei Hospital, Japan

- Edgar Lik-Wui Tay, MD
  National University Heart Centre, Singapore

- Kei Torikai, MD
  Osaka University, Japan

- Darren L. Walters, MD
  Prince Charles Hospital, Australia

- Jian-an Wang, MD
  The Second Affiliated Hospital of Zhejiang University, China

- Sunil Wani, MD
  Kokilaben Dhirubhai Ambani Hospital, India

- Nikos Werner, MD
  University Hospital, Bonn, Germany

- Jian (James) Ye, MD
  St. Paul’s Hospital, University of British Columbia, Canada

- Alan C. Yeung, MD
  Stanford University School of Medicine, USA
<table>
<thead>
<tr>
<th>Name</th>
<th>Hospital, Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wei-Hsian Yin, MD</td>
<td>Cheng-Hsin General Hospital, Taipei, Taiwan</td>
</tr>
<tr>
<td>Sung Han Yoon, MD</td>
<td>Cedars Sinai Medical Center, USA</td>
</tr>
<tr>
<td>Jung-Min Ahn, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Jae Ho Byeon, MD</td>
<td>The Catholic University of Korea, Seoul St. Mary's Hospital</td>
</tr>
<tr>
<td>Byung Chul Chang, MD</td>
<td>Severance Hospital</td>
</tr>
<tr>
<td>Kiyuk Chang, MD</td>
<td>The Catholic University of Korea, Seoul St. Mary's Hospital</td>
</tr>
<tr>
<td>Mineok Chang, MD</td>
<td>The Catholic University of Korea, Seoul St. Mary's Hospital</td>
</tr>
<tr>
<td>Cheol Ung Choi, MD</td>
<td>Korea University Guro Medical Center</td>
</tr>
<tr>
<td>Seung Hyuk Choi, MD</td>
<td>Samsung Medical Center</td>
</tr>
<tr>
<td>Young Jin Choi, MD</td>
<td>Sejong General Hospital</td>
</tr>
<tr>
<td>Suk Jung Cho, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Cheol Hyun Chung, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Woo-Baeik Chung, MD</td>
<td>Yeouido St. Mary's Hospital</td>
</tr>
<tr>
<td>Donghoon Han, MD</td>
<td>Hallym University Harimpo Sacred Heart Hospital</td>
</tr>
<tr>
<td>Jung-Kyu Han, MD</td>
<td>Seoul National University Hospital</td>
</tr>
<tr>
<td>Ran Heo, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Geu Ru Hong, MD</td>
<td>Severance Hospital</td>
</tr>
<tr>
<td>Myeong-Ki Hong, MD</td>
<td>Severance Hospital</td>
</tr>
<tr>
<td>Seung-Ho Hur, MD</td>
<td>Keimyung University Bundang Medical Center</td>
</tr>
<tr>
<td>Jae-Sik Jang, MD</td>
<td>Inje University Pusan Park Hospital</td>
</tr>
<tr>
<td>Uk Jo, MD</td>
<td>Incheon Sarang Hospital</td>
</tr>
<tr>
<td>Sung-Ho Jung, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Do-Yoong Kang, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Duk-Hyun Kang, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Se Hun Kang, MD</td>
<td>CHA Bundang Medical Center, CHA University</td>
</tr>
<tr>
<td>Gi-Beom Kim, MD</td>
<td>Seoul National University Children's Hospital</td>
</tr>
<tr>
<td>Hyo-Soo Kim, MD</td>
<td>Seoul National University Hospital</td>
</tr>
<tr>
<td>Jae Hyun Kim, MD</td>
<td>Keimyung University Bundang Medical Center</td>
</tr>
<tr>
<td>Ju Han Kim, MD</td>
<td>Chungnam National University Hospital</td>
</tr>
<tr>
<td>Jun Bum Kim, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Jung-Sun Kim, MD</td>
<td>Severance Hospital</td>
</tr>
<tr>
<td>Kyung-Hee Kim, MD</td>
<td>Sejong General Hospital</td>
</tr>
<tr>
<td>Won-Jang Kim, MD</td>
<td>CHA Bundang Medical Center, CHA University</td>
</tr>
<tr>
<td>Yong-Jin Kim, MD</td>
<td>Seoul National University Hospital</td>
</tr>
<tr>
<td>Young-Guk Ko, MD</td>
<td>Sejong General Hospital</td>
</tr>
<tr>
<td>Yoon Seok Koh, MD</td>
<td>The Catholic University of Korea, Seoul St. Mary's Hospital</td>
</tr>
<tr>
<td>Bon-Kwon Koo, MD</td>
<td>Seoul National University Hospital</td>
</tr>
<tr>
<td>Ohchoon Kwon, MD</td>
<td>Daegu Catholic University Medical Center</td>
</tr>
<tr>
<td>Bong-Ki Lee, MD</td>
<td>Kangwon National University Hospital</td>
</tr>
<tr>
<td>Cheol Whan Lee, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Chulhyun Lee, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Jae Won Lee, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Jae-Hwan Lee, MD</td>
<td>Chungnam National University Hospital</td>
</tr>
<tr>
<td>Jin Bae Lee, MD</td>
<td>Daegu Catholic University Medical Center</td>
</tr>
<tr>
<td>Jong-Young Lee, MD</td>
<td>Kangbuk Samsung Hospital</td>
</tr>
<tr>
<td>Nae Hee Lee, MD</td>
<td>SoonChunHyang University Hospital Bucheon</td>
</tr>
<tr>
<td>Pil Hyung Lee, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Seung-Whan Lee, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Se-Whan Lee, MD</td>
<td>SoonChunHyang University Cheonan Hospital</td>
</tr>
<tr>
<td>Duk-Woo Park, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Gyu-Min Park, MD</td>
<td>Ulsan University Hospital, University of Ulsan College of Medicine</td>
</tr>
<tr>
<td>Ha Wook Park, MD</td>
<td>The Catholic University of Korea, Daeyeon St. Mary's Hospital</td>
</tr>
<tr>
<td>Hanbit Park, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Jinsik Park, MD</td>
<td>Sejong General Hospital</td>
</tr>
<tr>
<td>Kyung Woo Park, MD</td>
<td>Seoul National University Hospital</td>
</tr>
<tr>
<td>Pyo Won Park, MD</td>
<td>Samsung Medical Center</td>
</tr>
<tr>
<td>Seung-Jung Park, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Sung-Ji Park, MD</td>
<td>Samsung Medical Center</td>
</tr>
<tr>
<td>Seung-Woon Rha, MD</td>
<td>Korea University Guro Hospital</td>
</tr>
<tr>
<td>Chi Young Shim, MD</td>
<td>Severance Hospital</td>
</tr>
<tr>
<td>Eun-Seok Shin, MD</td>
<td>Ulsan University Hospital</td>
</tr>
<tr>
<td>Ji-Yeon Sim, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Jae-Kwan Song, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Jong-Min Song, MD</td>
<td>Asan Medical Center</td>
</tr>
<tr>
<td>Cheol Woong Yu, MD</td>
<td>Korea University Anam Hospital</td>
</tr>
<tr>
<td>Amir Aziz Alkatiri, MD</td>
<td>National Cardiovascular Center Harapan Kita, Indonesia</td>
</tr>
<tr>
<td>Ajith Ananthakrishna Pillai, MD</td>
<td>Jawaharlal Institute of Postgraduate Medical Education and Research, India</td>
</tr>
<tr>
<td>Jiandong Ding, MD</td>
<td>Zhongda Hospital, Southeast University, Nanning, China</td>
</tr>
<tr>
<td>Sang Jin Ha, MD</td>
<td>Gangneung Asan Hospital, Korea (Republic of)</td>
</tr>
<tr>
<td>Brian W Hummel, MD</td>
<td>Lee Health, USA</td>
</tr>
<tr>
<td>Ahmad Pandu Pratama, MD</td>
<td>Department of Cardiology and Vascular Medicine, Indonesia</td>
</tr>
<tr>
<td>Tiu-Lin Wang, MD</td>
<td>Shin Kong Wu-tao shi memorial hospital, Taiwan</td>
</tr>
<tr>
<td>Wei-Hsian Yin, MD</td>
<td>Cheng Hsin General Hospital, Taiwan</td>
</tr>
</tbody>
</table>
Wednesday, 16

AP VALVES Featuring Clinical Workshop: TAVR Journey from Good to Great and More

#1. TAVR at the Basics: Step-by-Step Streaming Procedure
2:00 PM ~ 3:20 PM
Moderators: Raj Makkar, Duk-Woo Park
2:00 PM [Taped Case] TAVR with Sapien
Duk-Woo Park
Moderators: Jung-Min Ahn, Eberhard Grube
2:40 PM [Taped Case] TAVR with Evolute
Jung-Min Ahn

Keynote Lectures
4:05 PM Avoiding the TAVR Complications: Best Practices in 2017
Raj Makkar

#2. TAVR Beyond the Basics - Challenging and Complex Cases
3:20 PM ~ 4:05 PM
Moderators: Eberhard Grube, Myeong-Ki Hong
Panelists: Wacin Buddhari, Kam Tim Chan, Mao Chen, Nagendra Singh Chouhan, Binoy John, Sung Han Yoon

Keynote Lectures
3:20 PM TAVR of High-Risk/Complex Patients: For Whom and with?
Raj Makkar

Case Reviews
3:35 PM Aortic Root Injury: How to Expect and When to Say No?
Norio Tada
3:40 PM Discussion of Strategies with Q&A
Won-Jang Kim
3:45 PM Conduction Abnormality: How to Avoid and How to Manage?
Kiyuk Chang
3:50 PM Discussion of Strategies with Q&A

#3. TAVR for Perfection - Complication Management
4:05 PM ~ 4:50 PM
Moderators: Hyo-Soo Kim, Raj Makkar, Seung-Jung Park
Panelists: Jung-Min Ahn, Jason Leung Kwai Chan, Nobuyuki Komiyama, Vijay Kumar, Yung-Tsai Lee, Edgar Li-Wui Tay

Keynote Lectures
4:05 PM Avoiding the TAVR Complications: Best Practices in 2017
Raj Makkar

Case Reviews
4:20 PM Outcomes of MitraClip in FMR and DMR
Darren L. Walters
4:30 PM Transcatheter Mitral Valve-in-Valve/Ring Implantation
Sung Han Yoon
4:35 PM Discussion of Strategies with Q&A

#4. Mitral and Tricuspid Valvular Interventions
4:50 PM ~ 5:30 PM
Moderators: Seung-Jung Park, Jian (James) Ye
Panelists: Philipp Blanke, Kiyuk Chang, Paul TL Chiam, Won-Jang Kim, Yoon Seok Koh, Xiangqing Kong, Vincent Luk, Sung Han Yoon

Keynote Lectures
4:50 PM The Evolution of Mitral and Tricuspid Valve Interventions: What It Is? and Where It Needs to Go?
Alan C. Yeung

Case Reviews
5:05 PM Mitral & Tricuspid Repair: Which Devices and How to Do?
Jian (James) Ye
5:17 PM Discussion of Strategies with Q&A

Evening Symposium
Updated Lecture & Challenging Case Discussion with Expert
6:00 PM ~ 8:00 PM
Moderators: Eberhard Grube, Seung-Jung Park
Panelists: Jung-Min Ahn, Wacin Buddhari, Mao Chen, Myeong-Ki Hong, Hyo-Soo Kim, Raj Makkar, Duk-Woo Park, Norio Tada, Jian (James) Ye, Alan C. Yeung

Special Lecture on Latest Updates and Future Perspective
6:00 PM New Mainstream TAVR
Eberhard Grube
6:10 PM TAVR Issues: Leaflet Thrombosis and Durability
Raj Makkar
6:20 PM Mitral and Tricuspid Repair and TMVR: Whom to Be a Candidate and How Much Expand?
Jian (James) Ye
6:30 PM Discussion and Q&A

Challenging Case Discussion in A-P Area: Deep-Dive Strategic Talks with Experts
6:40 PM Challenging Case from Japan
Norio Tada
6:50 PM Expert Comment
Eberhard Grube
6:55 PM Challenging Case from China
Mao Chen
7:05 PM Expert Comment
Raj Makkar
7:10 PM Challenging Case from Thailand
Wacin Buddhari
7:20 PM Expert Comment
Seung-Jung Park
7:25 PM Challenging Case from Korea
Oh Hyun Lee
7:35 PM Expert Comment
Alan C. Yeung
7:40 PM Panel Discussion with Q & A

Thursday, 17

Breakfast Meeting
Mitral Valve
7:30 AM ~ 8:30 AM
Moderators: Raj Makkar, Seung-Jung Park, Darren L. Walters
Panelists: Jung-Min Ahn, Philipp Blanke, Paul TL Chiam, Jian (James) Ye, Alan C. Yeung, Wei-Hsian Yin, Sung Han Yoon

7:30 AM Case Selection and Planning to Optimize MitraClip Success
Philipp Blanke
7:40 AM Outcomes of MitraClip in FMR and DMR
Darren L. Walters
7:46 AM Transcatheter Mitral Valve-in-Valve/Ring Implantation
Sung Han Yoon
7:54 AM Challenges and Solutions in MitraClip: Learning from Expert Experiences
Raj Makkar
8:02 AM Transcatheter Mitral Valve Replacement: Current Status
Jian (James) Ye
8:18 AM Discussion

Plenary Session
Live Case Session I
8:30 AM ~ 10:00 AM
Moderators: Seung-Jung Park, Alan C. Yeung
Discussants: Praveen Chandra, Kiyuk Chang, Mao Chen, Suk Jung Choa, Eberhard Grube, Binoy John, Paul Hsien-Li Kao, Xiangqing Kong, Duk-Woo Park, Wei-Hsian Yin
8:30 AM The Second Affiliated Hospital of Zhejiang University, China
1st Operator: Jian-an Wang
2nd Operator: Xianbao Liu
Opening & Lecture I
10:00 AM ~ 11:00 AM
Moderators: Myeong-Ki Hong, Raj Makkar, Seung-Jung Park
Panelists: Jian (James) Ye, Alan C. Yeung
10:00 AM Opening Remark
Seung-Jung Park

Key Note Lectures: Hottest TAVR Issues
10:05 AM Complex TAVR for Specific Challenging Cases - How to Do in Practice? Eberhard Grube
10:15 AM TAVR Outcome Issues: Thrombosis and Durability Raj Makkar
10:25 AM TAVR for Low Risk Patients: Interventionist’s Viewpoint Alan C. Yeung
10:35 AM TAVR for Low Risk Patients: Surgeon’s Viewpoint Jian (James) Ye
10:45 AM Discussion and Q&A

Live Case Session II. TAVR
11:00 AM ~ 12:30 PM
Moderators: Byung Chul Chang, Myeong-Ki Hong, Raj Makkar
Discussants: Kam Tim Chan, Paul TL Chiam, Young Jin Choi, Seung-Ho Hur, Jae-Hwan Lee, Seung-Whan Lee, Edgar Lik-Wui Tay
Asan Medical Center, Seoul, Korea
11:00 AM Case #1
1st Operator: Seung-Jung Park
2nd Operator: Jung Min Ahn
Case Presentations
12:30 PM ~ 2:00 PM
Moderators: Seung-Jung Park, Alan C. Yeung
Panelists: Wacun Buddhari, Kamin Tim Chan, Paul TL Chiam, Broin John, Sunil Wani, Jian (James) Ye, Wei-Hsian Yin
12:30 PM Valve-in-Valve Jian (James) Ye
12:40 PM Challenging Access or Vascular Complication Paul Hsien-Li Kao
12:50 PM The Importance of Myotic Aneurysm and Perivalvular Abscess as Complication of Infective Endocarditis: A Rare Serial Cases Report Ahmad Pando Pratama
1:00 PM Late Onset of Bioprosthetic Valve Dysfunction Due to Pannus Formation Sang Jin Ha
1:10 PM Mitral Valve Replacement with Off Label Trans Septal Catheter Delivery of Edwards Sapien 3 Bioprosthesis Brian W Hummel
1:20 PM Valve-in-valve Transcatheter Aortic Valve Implantation with the Core Valve Jiandong Ding
1:30 PM Hemolysis After Transcatheter Aortic Valve Implantation with Core Valve on Bicuspid AS Zhu Lin Wang
1:40 PM Severe Calcification Kentaro Hayashida
1:50 PM Discussion and Q&A

Lunchtime Activity

Plenary Session
Live Case Session III
2:00 PM ~ 2:45 PM
Moderators: Eberhard Grube, Myeong-Ki Hong, Darren L. Walters
Discussants: Philip Blank, Paul Hsien-Li Kao, Won-Jong Kim, Philip Leung, Mao-Chin Lin, Jin-Sik Park, Sunil Wani, Sung Han Yoon, Cheol Woong Yu
1:05 PM Heart Center Bonn, University Hospital Bonn, Bonn, Germany
1st Operator: Georg Nickenig
2nd Operator: Nikos Werner
3rd Operator: Jan-Malte Sinning
4th Operator: Robert Schueker

Lecture II. Experienced and Efficient TAVR
2:45 PM ~ 4:00 PM
Moderators: Seung-Jung Park, Darren L. Walters
Panelists: Philipp Blanke, Kiyuk Chang, Eberhard Grube, Kentaro Hayashida, Raj Makkar, Alan C. Yeung
2:45 PM Heart Team Decision-Making: How to Collaborate in Reality? Kentaro Hayashida
2:55 PM Standard vs. Minimalist TAVR: When and How to Change? Duk-Woo Park
3:05 PM Advanced or New TAVR Imaging Modalities: What Is It? Philipp Blank
3:15 PM Sizing Strategy and PVL Management: Most Experienced Strategy Alan C. Yeung
3:25 PM Coronary or Cerebral Protection: When and How? Eberhard Grube
3:35 PM Peri- and Post-Antithrombotics TAVR Raj Makkar
3:45 PM Panel Discussion with Q & A

Live Case Session IV
4:00 PM ~ 5:30 PM
Moderators: Eberhard Grube, Seung-Jung Park, Darren L. Walters
Discussants: Philip Blank, Paul Hsien-Li Kao, Won-Jong Kim, Philip Leung, Mao-Chin Lin, Jin-Sik Park, Sunil Wani, Sung Han Yoon, Cheol Woong Yu
1:05 PM Heart Center Bonn, University Hospital Bonn, Bonn, Germany
1st Operator: Georg Nickenig
2nd Operator: Nikos Werner
3rd Operator: Jan-Malte Sinning
4th Operator: Robert Schueker

Friday, 18

Breakfast Meeting
New Frontier in THV Treatment
7:30 AM ~ 8:30 AM
Moderators: Darren L. Walters, Jian (James) Ye
Panelists: Jason Leung Kwai Chan, Mao Chen, Kentaro Hayashida, I-Chang Hsieh, Kyung Woo Park, Jae-Kwan Song
2:45 PM Heart Team Decision-Making: How to Collaborate in Reality? Kentaro Hayashida
2:55 PM Standard vs. Minimalist TAVR: When and How to Change? Duk-Woo Park
3:05 PM Advanced or New TAVR Imaging Modalities: What Is It? Philipp Blank
3:15 PM Sizing Strategy and PVL Management: Most Experienced Strategy Alan C. Yeung
3:25 PM Coronary or Cerebral Protection: When and How? Eberhard Grube
3:35 PM Peri- and Post-Antithrombotics TAVR Raj Makkar
3:45 PM Panel Discussion with Q & A

TAVR for TR
7:30 AM Natural History of TR and Optimal Treatment Jae-Kwan Song
7:40 AM TR Treatment Through Catheter: Forma, Triliagn, and Cardioband Darren L. Walters
7:50 AM Discussion

TAVR for Pure AR
8:00 AM Selection of Case and Preprocedural Planning Mao Chen
8:10 AM Taped Demonstration and Clinical Experience Jian (James) Ye
8:20 AM Discussion
### Plenary Session

#### Live Case Session V

**8:30 AM ~ 10:00 AM**

**Moderators:** Seung-Jung Park, Darren L. Walters, Jian (James) Ye  
**Discussants:** Philipp Blanke, Nagendra Singh Chouhan, Choon Hyun Chung, Eberhard Grube, Bon Kwon Koo, Yung-Tai Lee, Mao-Shin Lin, Vincent Luk, Na Wook Park, Nono Tada, Chool Woong Yu

Asan Medical Center, Seoul, Korea

**8:30 AM**

**Case #4**
- **1st Operator:** Raj Makkar
- **2nd Operator:** Duk-Woo Park

**Case #5**
- **1st Operator:** David J. Cohen
- **2nd Operator:** Jung-Min Ahn
- **Echo Interpreter:** Ran Heo
- **CT Interpreter:** Do-Yoon Kang

#### Lecture III. MV Repair, TMVR, and TV Repair

**10:00 AM ~ 10:45 AM**

**Moderators:** Seung-Jung Park, Jian (James) Ye  
**Panelists:** Philipp Blanke, Jae-Kwan Song, Edgar Lik-Wui Tay, Darren L. Walters

**10:00 AM**

**Mitral Repair: Devices and Data**  
*David J. Cohen*

**10:08 AM**

**TMVR: Devices and Data**  
*Jian (James) Ye*

**10:16 AM**

**Tricuspid Repair: Devices and Data**  
*Darren L. Walters*

[Debate] **MR and TR - Interventional Candidate or Just Functional Disease?**

**10:24 AM**

**Yes, Good Candidate for Intervention**  
*Darren L. Walters*

**10:32 AM**

**No, Functional Disease to Be Medically Managed**  
*Jae-Kwan Song*

**10:40 AM**

**Panel Discussion**

---

### Live Case Session VI

**10:45 AM ~ 12:00 PM**

**Moderators:** Raj Makkar, Seung-Jung Park, Alan C. Yeung  
**Discussants:** Jason Leung Kwan Chan, Mao Chen, Choon Hyun Chung, Hyuk Choe, David J. Cohen, Kentaro Hayashida, I-Chang Hsieh, Young Guk Koo, Vijay Kumar, Tomohiro Sakamoto, Wei-Hsian Yin

Asan Medical Center, Seoul, Korea

**10:45 AM**

**Case #6**
- **1st Operator:** Duk-Woo Park

**Case #7**
- **1st Operator:** Hyo-Soo Kim
- **2nd Operator:** Jung-Min Ahn
- **Echo Interpreter:** Ran Heo
- **CT Interpreter:** Do-Yoon Kang

#### Lecture IV. Challenging TAVR Issues

**12:00 PM ~ 12:55 PM**

**Moderators:** Eberhard Grube, Seung-Jung Park, Alan C. Yeung  
**Panelists:** David J. Cohen, Wei-Hsian Yin, Sung Han Yoon

**12:00 PM**

**TAVR: Insight From QOL and Economic Evaluation**  
*David J. Cohen*

**12:10 PM**

**Bicuspid AV: Device Selection, Sizing, and Optimization**  
*Sung Han Yoon*

**12:18 PM**

**Bioprosthetic Valve Fracture for Optimizing the Results of Valve in Valve TAVR**  
*David J. Cohen*

**12:28 PM**

**Severe Calcification: Avoid or Overcome**  
*Eberhard Grube*

**12:36 PM**

**PVL: How to Prevent and How to Treat?**  
*Alan C. Yeung*

**12:44 PM**

**Aortic or Mitral Valve-in-Valve: Data and Devices**  
*Wei-Hsian Yin*

**12:52 PM**

**Discussion and Q&A**

---

### Lunchtime Activity

#### Case Presentations

**12:55 PM ~ 2:00 PM**

**Moderators:** Seung-Jung Park, Alan C. Yeung  
**Panelists:** Praveen Chandra, Kiyuk Chang, I-Chang Hsieh, Paul Hsien-Li Kao, Hyo-Soo Kim, Vincent Luk, Tomohiro Sakamoto, Darren L. Walters, Wei-Hsian Yin

**12:55 PM**

**Bicuspid**  
*Kiyuk Chang*

**1:05 PM**

**TAVI, LAAO and Cerebral Protection Device in Same Procedure**  
*Vincent Luk*

**1:15 PM**

**Mitral Para Valve Leak Closure with Multiple Devices**  
*Ajith Aranthakrishna Pillai*

**1:25 PM**

**Transcatheter Mitral Valve-in-valve and Occluder Closure for Recurrent Leaks After Transcatheter Closure of Paravalvular Leak**  
*Wei-Hsian Yin*

**1:35 PM**

**Emergency Percutaneous Transvenous Mitral Commissurotomy (PTMC) in Rheumatic Mitral Stenosis with Intratable Pulmonary Edema and Pneumonia**  
*Amir Aziz Alkatiri*

**1:45 PM**

**Valve-in-Valve Technique**  
*Hyo-Soo Kim*

**1:52 PM**

**Discussion and Q&A**

---

### Future Perspective on Valve Interventions

**3:00 PM**

**TAVR - Moving to Lower Risk: STS or Age Per Se?**  
*Duk-Woo Park*

**3:08 PM**

**MV and TV Repair - Current Status and Innovative Future**  
*Alan C. Yeung*

**3:16 PM**

**Discussion and Q&A**

**3:24 PM**

**Closing Remark**  
*Seung-Jung Park*
Exhibition List

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Booth no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edwards Lifesciences Korea Co., Ltd.</td>
<td>1-2</td>
</tr>
<tr>
<td>Boston Scientific</td>
<td>3-4</td>
</tr>
<tr>
<td>Abbott</td>
<td>5</td>
</tr>
<tr>
<td>Pfizer Pharmaceutical Korea Ltd.</td>
<td>6</td>
</tr>
<tr>
<td>Mitsubishi Tanabe Pharma Korea</td>
<td>7</td>
</tr>
<tr>
<td>Siemens Healthineers</td>
<td>8</td>
</tr>
<tr>
<td>Venus Medtech</td>
<td>9-10</td>
</tr>
<tr>
<td>Medtronic Korea plc. + Learning Center</td>
<td>11-12</td>
</tr>
</tbody>
</table>

Operating Hours

<table>
<thead>
<tr>
<th></th>
<th>August 16</th>
<th>August 17</th>
<th>August 18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scientific Program</td>
<td>2:00 PM ~ 8:00 PM</td>
<td>7:30 AM ~ 5:30 PM</td>
<td>7:30 AM ~ 3:30 PM</td>
</tr>
<tr>
<td>Registration Booth</td>
<td>12:00 PM ~ 8:00 PM</td>
<td>6:30 AM ~ 5:30 PM</td>
<td>6:30 AM ~ 3:30 PM</td>
</tr>
<tr>
<td>Faculty Lounge &amp; Preview Room</td>
<td>-</td>
<td>8:00 AM ~ 5:30 PM</td>
<td>8:00 AM ~ 3:30 PM</td>
</tr>
<tr>
<td>CVRF Booth</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Exhibition</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

VenusP-Valve®
TRANSCATHETER PULMONARY VALVE SYSTEM
The Only self expandable percutaneous valve implant to treat the patient with TOF procedure and native dilated RVOT.

VenusA-Valve®
TRANSCATHETER AORTIC VALVE SYSTEM
An effective percutaneous valve for patients with severe calcified and bicuspid aortic valve disease.

An anatomically-shaped balloon
Because shape makes a difference.

Venus Medtech (Hangzhou) Inc.
Add: Third floor, Building 2, Wellong Science and Technology Park, No. 88, Jiangling RD, Binjiang District, Hangzhou, China
Tel: +86 571 86578028 Fax: +86 571 87772179
Website: www.venusmedtech.com
Edwards SAPIEN 3 Transcatheter Heart Valve

BACKED BY UNPRECEDEDENT OUTCOMES

DEFINITIVE DATA SET, n=491

1.6% ALL-CAUSE MORTALITY
0.8% DISABLING STROKE

BUILDS UPON THE PROVEN STRENGTHS OF THE SAPIEN VALVE WITH 5 YEARS OF DURABILITY

CONTINUES TO RAISE THE BAR AS PART OF THE MOST CLINICALLY STUDIED VALVE PLATFORM GLOBALLY

Medtronic
Further, Together

A LARGE LIFE.

LIFE IS DIFFERENT FOR TAVI PATIENTS WHO BENEFIT FROM UNSURPASSED HEMODYNAMICS

CoreValve® Evolut™ R TAVI System