



**CHORUS**

**BERLIN**

**13<sup>th</sup> & 14<sup>th</sup> December 2019**

**DEBATES IN CARDIOVASCULAR  
MEDICINE**

PROF. DR. MED. ULF LANDMESSER,  
PROF. DR. MED. JAI-WUN PARK,  
PROF. DR. MED. SANG-WOOK KIM,  
PROF. DR. MED. VOLKMAR FALK



## CHORUS BERLIN 2019

Dear Colleagues,

We are proud honored to welcome you to our conference. This is a milestone in the new scientific cooperation between Korean and German cardiologists from renowned institutions. For the first time the established Korean cardiology congress CHORUS cooperates with the Charité to foster the global scientific progress and strengthen the network we operate in.

At our conference, we are going to present new studies at the forefront of different areas of cardiology, ranging from coronary revascularization, to left atrial appendage occlusion and valve disease. We are excited to discuss with you the development and state-of-the-art of our field and its practical relevance to advance research and patient care across the globe. We are looking forward to an exciting event together with you and a lively exchange!

Warm regards

Ulf Landmesser

Jai-Wun Park

Sang-Wook Kim

Volkmar Falk

## PROGRAM Friday, 13th december 2019

08.00am **Welcome address and introduction**  
V.Falk (Berlin), S.W. Kim (Seoul),  
U.Landmesser (Berlin), J.-W. Park (Berlin)

08.20am **Welcome address**  
A. Pries (Berlin)

### CORONARY ARTERY DISEASE

U. Landmesser (Berlin), J.-W. Park (Berlin)

08.30am **Inflammation and atherosclerosis**  
B. Heidecker (Berlin)

08.45am **Metabolic Syndrome and CAD**  
Y.J. Hong (Gwangju)

09.00am **HeFpEF and microvascular coronary artery disease**  
B. Pieske (Berlin)

09.15am **Pathophysiology and novel therapeutic approaches for myocardial ischemia reperfusion injury**  
M. Kelm (Düsseldorf)

09.30am **Atrial fibrillation and coronary artery disease - critical Issues**  
J. Brachmann (Coburg, Germany)

09.45am **Ventricular arrhythmia and coronary artery disease - when and how to intervene**  
S. Y. Shin (Seoul)

10.00am *Coffee break*



## CHORUS BERLIN 2019

10.15am

### **KEYNOTE LECTURE I**

#### **Personalized management of coronary artery disease**

Lecturer: U. Landmesser (Berlin)

Introduction: J.-W. Park (Berlin)

### **PHYSIOLOGY AND IMAGING IN CORONARY ARTERY DISEASE**

S.-W. Kim (Seoul), J.-W. Park (Berlin)

10.45am

#### **Stress– Echocardiography**

U. Wilkenshoff (Berlin)

11.00am

#### **SPECT and MRI**

B. Bigalke (Berlin)

11.15am

#### **Magnetocardiography**

D. Brala (Berlin)

11.30am

#### **Coronary angiography vs Coronary CT**

V. Mathew (Illinois)

11.45am

#### **FFR, IMR—comparative results with imaging tools**

S. Sonoda (Kitakyushu)

12.00pm

#### **IVUS and target LDL-C level**

J.H. Bae (Seoul)

12.15pm

#### **OCT, NIRS and more**

S.Y Choi (Daejeon)

12.30pm

#### **DoAI; Explainable deep learning IVUS/OCT**

S.W. Kim (Seoul)

12.45pm

#### **How to identify the “vulnerable” patient**

A. Lerman (Minnesota)

## PROGRAM Friday, 13th december 2019

01.00pm **Lunch**

### A TASTE OF THE FUTURE

S.-W. Kim (Seoul), J.-W. Park (Berlin)

01.45 pm **Cardiomyopathies**

B. Heidecker (Berlin)

02.00pm **How will artificial intelligence impact the future of cardiac imaging**

A.. Maier (Nürnberg)

2.15pm **Artificial intelligence and robots in interventional cardiology: the universe is the limit**

A. Lerman (Minnesota)

02.45pm **Left main: State of the art**

J. H. Yoon (Seoul)

### CORONARY REVASCULARIZATION

G. Werner (Darmstadt), S. Morita (Nagoya)

#### DEBATE

*interactive with voting live*

03.00pm **CABG is better for LM**

J. Hong (Seoul)

03.15pm **CTO: State of the art**

G. Werner (Darmstadt)

#### DEBATE

*interactive with voting live*

03.30pm **CABG is better for CTO patients**

S.C. Hong (Korea)

03.45pm **PCI is better for CTO patients**

G. Werner (Darmstadt)



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### DEBATE

*interactive with voting live*

- 04.00pm **FFR and iFR guided PCI is the way to go**  
S. Sonoda (Kitakyushu)
- 04.15pm **Routine FFR and iFR measurement not necessary**  
Y.B. Song (Seoul)

### DEBATE

*interactive with voting live*

- 04.30pm **Scaffolds will disappear**  
M. Sundeeep (New Dehli)
- 04.45pm **Scaffolds will revive**  
M. Lutz (Kiel)
- 05.00pm *Coffee break*

## LEFT ATRIAL APPENDAGE OCCLUSION

C. Skurk (Berlin), J.-W. Park (Berlin)

- 05.15pm **LAAO: State of the art**  
C. Skurk (Berlin)
- 05.30pm **WATCHMAN implantation (case in the box)**  
C. Skurk (Berlin)
- DEBATE**  
*interactive with voting live*
- 05.45pm **Oral anticoagulation is better**  
T. Lewalter (München)
- 06.00pm **LAAO is better**  
A. Tzikas (Theassaloniki)
- 06.15pm **AMULET implantation (data and case in the box)**  
U. Landmesser (Berlin)

**PROGRAM** Friday, 13th december 2019

**DEBATE**

*interactive with voting live*

06.30pm **TOE guidance is better**  
J.-S. Kim (Seoul)

06.45pm **Fluoroscopic guidance  
alone is better**  
Y.-Y. Lam (Hong Kong)

07.00pm **Lambre implantation  
(data and case in the box)**  
J.-W. Park (Berlin)

**DEBATE**

*interactive with voting live*

07.15pm **Disc-type device is better**  
C. Skurk (Berlin)

07.45pm **Ball-type device is better**  
P. Sick (München)

08.00pm *End of the day*



## Parallel Session I: Abstracts

(all day long)

**Updated meta-analysis of biodegradable polymer drug-eluting stent versus second-generation durable polymer drug-eluting stent implantations**

Jeong Cheon Choe (Korea)

**Long-term outcomes after percutaneous coronary intervention with biodegradable polymer drug-eluting stent versus second-generation durable polymer drug-eluting stent: evidence from a meta-analysis**

Young Jae Ki MD, Joong Wha Chung (Korea)

**Determining etiology of Intraluminal filling defect with IVUS after intervention in STEMI patient**

**Management of coronary artery aneurysm accompanied by coronary artery stenosis at bifurcation lesion with IVUS guided graft stent**

Jeong Hoon Yang, MD, PhD (Korea)

**Multidisciplinary Team Approach in Acute Myocardial Infarction Patients Undergoing Veno-arterial Extracorporeal Membrane Oxygenation**

**Clinical characteristics and outcomes of occluded culprit arteries and collaterals in patients with non-ST-segment elevation myocardial infarction**

Chang-Bum Park, MD, In-Ho Yang, Jin-Man Cho, Eun-Sun Jin, Il Suk Sohn, Hui-Jeong, Hwang, Chong-Jin Kim'



## PROGRAM FRIDAY, 13TH DECEMBER

Association of pulse wave velocity with the periprocedural complications in patients who underwent percutaneous coronary intervention

Se-Jun Park (Korea)

Patent radial artery after transradial coronary intervention via distal radial access at anatomical snuffbox - optical coherent tomography study

Sang Yeub Lee, MD, PhD (Korea)

Risk factors of Target lesion and Non-target lesion events in Patients who performed Percutaneous Coronary Intervention with Drug Eluting Stent: An Optical Coherence Tomography Study

HaeWon Jung (Korea)

The evaluation of and the strategy to the in-stent restenosis using OCT guidance

N. Kuryama, (Japan)

### Parallel Session II: TRI Session

Chair: B.-R. Cho, S. Harb

2pm—3.30pm

02.00pm **What is Distal radial artery Access (DRA)?**

A. Babunashvili (Moscow)

02.15pm **Tips, Tricks & Pitfalls of DRA**

S. Y. Lee (Korea)

02.30pm **Will DRA Become A Game Changer?**

G. Sgueglia (Italy)

02.45pm **DRA for Complex Coronary**

J.B. Lee (Korea)

03.00pm **What do we know from registries about DRA**

K. Schenke (Germany)

03.15pm **Hemostasis Techniques for DRA**

B.-k. Lee (Korea)



# CHORUS BERLIN 2019

07.30 a.m. registration and welcome

## AORTIC VALVE

P. Ohlmann (Strasbourg), E. Grube (Bonn)

- 08.00am **TAVR: State of the art**  
E. Grube (Bonn)
- 08.15am **Edwards-Sapien implantation (data and case in the box)**  
S. Sack (München)

### DEBATE

*interactive with voting live*

- 08.30am **In low risk patient SAVR is better**  
C. Schmid (Regensburg)
- 08.45am **In low risk patient TAVR is better**  
H. Dreger (Berlin)
- 09.00am **Corevalve implantation (case in the box)**  
K. Stangl (Berlin)

### DEBATE

*interactive with voting live*

- 09.15am **Balloon expandible device is better**  
P. Ohlmann (Strasbourg)
- 09.30am **Self expandible device is better**  
E. Grube (Bonn)
- 09.45am **Portico implantation (data and case in the box)**  
H. Dreger (Berlin, Germany)

## PROGRAM Saturday, 14th december

### DEBATE

*interactive with voting live*

10.00am **General anesthesia is better**  
S. Treskatsch (Berlin)

10.15am Conscious sedation is better  
H. Thiele (Leipzig)

10.30am **Coffee break**

10.45am **KEYNOTE LECTURE II**  
**Transcatheter Cerclage Technique:  
A new treatment family for MR, TR,  
His-pacing, HOCM**  
Lecturer: J.-H. Kim (Yangsan)  
Introduction: J.-W. Park (Berlin)

### Mitral VALVE

J.-H. Kim (Yangsan), V. Falk (Berlin)

11.15am **MitraClip: State of the art &  
Implantation  
(data & case in the box)**  
M. Reinthaler (Berlin)

11.30am **Transcatheter Mitral Valve Repair is  
an echocardiographic procedure**  
N. Wunderlich (Darmstadt)

### DEBATE

*interactive with voting live*

11.45am **In low risk patient MVR is better**  
C. Schmidt (Regensburg)

12.00pm **In low risk patient MitraClip  
is better**  
G. Nickenig (Bonn)

12.15pm **Surgical Mitral Valve  
(data and case in the box)**  
V. Falk (Berlin)



## CHORUS BERLIN 2019

12.30pm

**Cardioband implantation  
(data and case in the box)**

M. Reinthaler (Berlin)

12.45pm

**Transcatheter Mitral Valve  
Replacement**

J. Kempfert (Berlin)

**DEBATE**

*interactive with voting live*

01.00pm

**Future Mitral Valve  
procedure is surgical**

V. Falk (Berlin)

01.15pm

**Future Mitral Valve  
procedure is interventional**

M. Sherif (Berlin)

01.30pm

***Closing remarks***

U. Landmesser (Berlin)

## Scientific direction:

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## Speakers & Chairs:

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# CHORUS BERLIN 2019

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I herewith register:

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Name

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Hospital; Practice

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Address/Email

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Date, Signature

**No participation fee.**

### Venue:

dbb Forum berlin

Friedrichstrasse 169

10117 Berlin/Germany

You can reach the venue via train station U8 **Französische Straße**. The dbb forum is right in front of the train station. Parking lots are available at **Friedrichstadt Passagen/access Jägerstraße** and **Unter den Linden/Staatsoper/access Behrenstraße**.

