

## Highlights of the 24<sup>th</sup> Cardiovascular Summit – TCTAP 2019



**Duk-Woo Park, MD, PhD; Seung-Jung Park\*, MD, PhD**

*Division of Cardiology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea*

The 24<sup>th</sup> Cardiovascular Summit – TCTAP 2019 (international conference on cardiovascular intervention) – sponsored by the CardioVascular Research Foundation (CVRF) and Asan Medical Center's Heart Institute (Seoul, South Korea), was held at Seoul Coex Convention Centre for four days from 27 April to 30 April 2019 (**Figure 1**). Since its inauguration in 1995, the conference has been one of the key representative international

academic meetings in the Asia Pacific region. This year, more than 3,000 cardiologists from 51 countries attended and shared the latest knowledge and cutting-edge experience in the field of cardiovascular intervention.

The conference was composed of four major specialty symposia comprising a coronary symposium, an endovascular symposium, a structural heart disease symposium, and a master the chronic total occlusion (CTO) symposium (**Figure 2**). In these symposia, various clinical and research topics were presented and discussed, from basic knowledge to the latest research trends in depth, including left main (LM) and multivessel percutaneous coronary intervention (PCI), interventions for valvular disease (i.e., transcatheter aortic valve replacement [TAVR] and mitral or tricuspid valve intervention), cardiovascular imaging and physiology, complex PCI and patients (complex, high-risk indicated procedures [CHIP] or high bleeding risk [HBR] patients), drug-eluting stents or balloons, antithrombotics, renal denervation, left atrial appendage (LAA) closure, CTO-PCI, and endovascular interventions. This year, many researchers and masters who are in charge of each field of research were invited, and in-depth discussion sessions on research and the latest findings from clinical trials, and sessions on special clinical studies going on all over the world, were held.

Through real-time satellite relay, the centres with a distinguished reputation in cardiology such as Columbia University Hospital in the USA, St. Paul's Hospital in Canada, Asan Medical

**Welcome**

**Inside TCTAP 2019:**  
**TCTAP, Where Access to Constant Challenges and Enthusiasm for Educational Goals is Possible**

**Seung-Jung Park, MD**  
 Asan Medical Center, Korea

Welcome to TCTAP 2019! Writing a history of constant changes and evolutions, TCTAP has been committed to a medical exchange that expresses diverse perspectives and ideas in the cardiology intervention field. This year, we are focusing on expanding the opportunities for educational exchanges and providing more practical scientific programs in an effort to keep building momentum as one of the must-attend conferences. We hope that every attendee enjoys the compact, concentrated four days with following highlights.

**Live Case Demonstrations from World-Renowned Centers**  
 TCTAP 2019 will stream 35 live cases from 4 world-leading medical centers across nations. Top international operators will show how to treat diseases and provide up-to-date expertise while covering all aspects of current issues in cardiology.

**Late-Breaking Research from Asan Medical Center & Spotlights on Major Clinical Trials with Expert's Opinion**

**Figure 1.** Welcoming remarks at TCTAP 2019.

\*Corresponding author: Division of Cardiology, Asan Medical Center, University of Ulsan College of Medicine, 388-1 Poongnap-dong, Songpa-gu, Seoul 138-736, South Korea. E-mail: [sjpark@amc.seoul.kr](mailto:sjpark@amc.seoul.kr)

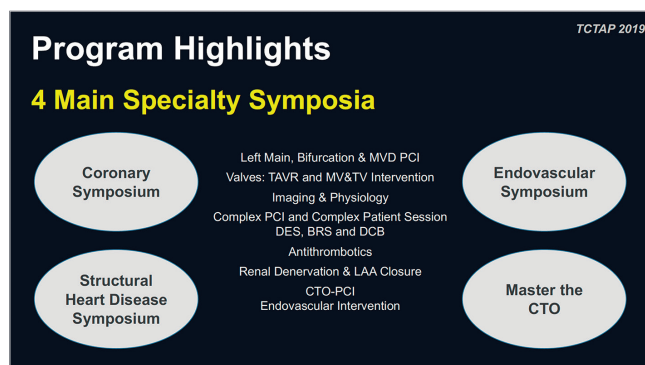


Figure 2. Programme highlights of TCTAP 2019.

Center and Yonsei University Severance Hospital in Seoul, participated in the live procedures to provide diverse practical techniques and to improve understanding of procedural tactics. Many complex PCIs including challenging left main, bifurcation, and CTO lesions and valvular interventions (TAVR or valve-in-valve with fracturing) were transmitted from world-renowned medical centres and interactive discussion with panels and audience took place.

Participants experienced a lively educational opportunity that was linked to theory and practice in the experiential space (based on live procedure relay) and at the newly expanded training centre. This training programme was successfully held over three days through first-come first-served registration for the many participants for each session by theme. In addition, to celebrate

the 10<sup>th</sup> anniversary of the Asan Medical Center's Cardiovascular Intervention Training Program (ACT Program), which started in 2009, alumni gathering sessions and many other events were held on 27 April which attracted the attendees at the conference. In addition, a three-day workshop from 27 to 29 April was held to update the basics of cardiovascular intervention and discuss the latest research results. In addition, a partnership session was held with ten overseas academic societies and associations including from the USA, Japan, China, Taiwan and Hong Kong. In the abstract and case presentation contest sessions, the young presenters, who came from over 30 countries and were selected through rigorous screening, had the opportunity to interact with masters from around the world. There was also an in-depth interview, a so-called "Wrap-up Interview", where professors from all over the world gathered and presented their different opinions subdivided by theme and discussed future prospects.

There was a 9<sup>th</sup> "Master of the Masters" awards ceremony to honour the contributions of the scholars who have contributed to the development of cardiovascular intervention. The TCTAP Award "Master of the Masters" has been bestowed annually upon the most distinguished cardiologist who has made meritorious contributions and has played a significant leading role in the field of interventional cardiology, as well as in TCTAP over the years. This year, Dr Patrick W. Serruys, Professor of Cardiology in the Cardiovascular Science Division at Imperial College London (UK), was selected as the recipient of the 9<sup>th</sup> TCTAP Award "Master of the Masters" (Figure 3). Dr John Ormiston received

**TCTAP Award**

## Dr. Patrick W. Serruys Is Presented the 9<sup>th</sup> TCTAP Award "Master of the Masters"

Dr. Patrick W. Serruys, a professor of Cardiology in the Cardiovascular Science Division at Imperial College in London (UK), has been selected as the recipient of the 9<sup>th</sup> TCTAP Award "Master of the Masters". The award ceremony was held on Sunday, April 28, 2019.

TCTAP Award "Master of the Masters" has been bestowed annually upon the most distinguished cardiologist who has made meritorious contributions and has been playing a significant leading role in the field of interventional cardiology, as well as in TCTAP over the years.

Dr. Patrick W. Serruys studied medicine at the University of Leuven, Belgium. From the beginning of his career to being an expert in cardiology, he devoted a lot of time at the Thorax Center, Erasmus Medical Centre from 1977 to 2014. He was a Chief of Interventional Cardiology at the Thorax Center from 1997 to 2012, and a professor of Medicine until April 1<sup>st</sup>, 2014, at Erasmus Medical Centre, Netherlands. He once mentioned that if he writes an autobiography, the title would be "Thorax Center".

There are many intellectual achievements of Dr. Patrick W. Serruys. In 1986, he introduced stenting in patients in the Netherlands. Then, he conducted the first randomized trial with stenting that led to the approval of the technique by the Food and Drug Administration in the USA. He regards this as the most important achievement of him. In 1999, he developed drug-eluting stents, which drastically reduced restenosis after procedures, with Dr. Eduardo Sousa. In 2006, he devised a fully biodegradable drug-eluting scaffold. It was a huge discovery since a



permanent metallic stent would not need to be implanted in patients.

In addition to his numerous researches, he has brought notable professional results as well. He had (co-) authored more than 3375 ISI-recognized publications and also was an editor of 45 books and textbooks. Through all these outstanding work and contribution, he won the Gold Medal Award of the European Society of Cardiology in 2012, as well as the TCT Career Achievement Award in 1996.

As a great teacher and a mentor, Dr. Patrick W. Serruys has trained more than 250 interventional cardiologists. He has always emphasized the importance of being curious and opening to the novelty. He said, "If you see somewhere unexplored, you have to go there. That's the place to work. That's the place to discover new thing."



**TCTAP Award 2019 "Master of the Masters"**

» Sunday, April 28, 11:40 AM - 12:00 PM

» Main Arena, Level 3

Figure 3. TCTAP Award 2019 "Master of the Masters".

this year's outstanding lectureship and lifetime achievement in PCI award. The 7<sup>th</sup> "TCTAP Best Young Scientist Award" was presented to Dr Jeehoon Kang during the conference. This award selects and encourages young researchers who will lead future studies on cardiovascular disease.

Lastly, this conference is expanding the scope of education through annual maintenance training for nurses and an annual symposium on cardiovascular intervention technical study for radiologists. Special lectures, panel discussions and performances

were held covering prevention of heart disease among the general public. Additional detailed information on highlights of this congress can be found on the website of TCTAP 2019 daily news ([http://www.summit-tctap.com/2019/review\\_news.htm](http://www.summit-tctap.com/2019/review_news.htm)). Next year, the 25<sup>th</sup> Cardiovascular Summit – TCTAP 2020 – will be held from 25 to 27 April 2020, COEX, Seoul, South Korea.

### Conflict of interest statement

The authors have no conflicts of interest to declare.