



Congenital Heart Disease Center Symposium

Simulation with 3D-printed models

서울아산병원 연구원 지하1층 대강당
December 14th, 2019 (Sat)

08:00-08:50 Registration

08:50-09:00 Opening remarks

Tae-Jin Yun, Director, Congenital Heart Disease Center

Session I. Anatomical repair of cc-TGA

Chair: **Yong-Jin Kim** (Sejong Cardiovascular Center)
Young-Hwue Kim (Asan Medical Center)

09:00-09:20 Surgical treatment of cc-TGA:

What have we learned during the past two decades?

Tae-Jin Yun (Asan Medical Center)

09:20-09:40 'Rastard' or 'Ilbawi' operation for cc-TGA with VSD, PS (or PA):

Is it always better than single ventricle palliation?

Viktor Hraska (Children's Hospital of Wisconsin)

09:40-10:00 Technical issues in the anatomical repair of cc-TGA

Chun Soo Park (Asan Medical Center)

10:00-10:20 Inherent and post-surgical arrhythmia issues in cc-TGA

Mi-Kyoung Song (Seoul National University Hospital)

10:20-10:30 Discussion

10:30-10:50 Coffee Break

Session II. Surgical outcomes after anatomical repair in cc-TGA

Chair: **Tae-Gook Jun** (Samsung Medical Center)
Jae Young Choi (Yonsei University Hospital)

10:50-11:10 Anatomical repair for cc-TGA: Okayama experience

Shingo Kasahara (Okayama University Hospital)

11:10-11:30 Anatomical repair for cc-TGA: Shizuoka experience

Kisaburo Sakamoto (Mt. Fuji Shizuoka Children's Hospital)

11:30-11:50 Anatomical repair for cc-TGA: Fuwai experience

Shou-Jun Li (Fuwai Hospital, Peking)

11:50-12:00 Discussion

12:00-13:00 Lunch

Session III. Simulation surgical training course using 3D-printed model

(Exhibition Room – 아카데미 마음터)

13:00-17:00 Surgical simulation for DSO using 3D-printed model of cc-TGA with VSD

17:00 Adjourn

Session IV. Isolated cc-TGA

Chair: **Cheul Lee** (Seoul St. Mary's Hospital)
Chung Il Noh (Sejong Cardiovascular Center)

14:00-14:20 Is the RV inherently weaker than the LV? A nature-nurture debate

Satoshi Yasukochi (Nagano Children's Hospital)

14:20-14:40 Natural history of isolated cc-TGA: Who develops TR?

Jae Suk Baek (Asan Medical Center)

14:40-15:00 LV training PAB for cc-TGA with intact ventricular septum: By when?

How tight? and What are the criteria of 'being prepared for DSO'?

Viktor Hraska (Children's Hospital of Wisconsin)

15:00-15:10 Discussion

15:10-15:30 Coffee Break

Session V. Pro and Con session

Chair: **Jeong Ryul Lee** (Seoul National University Hospital)
Eun-Jung Bae (Seoul National University Hospital)

cc-TGA with large ASD and PS in a 50-year-old woman: Should ASD be closed?

15:30-15:45 **Pro:** ASD should be closed **I-Seok Kang** (Samsung Medical Center)

15:45-16:00 **Con:** ASD should not be closed

Soo-Jin Kim (Konkuk University Medical Center)

16:00-16:10 Rebuttal

16:10-16:20 Discussion

Isolated cc-TGA, mild TR in a 33-month-old boy: Should PAB be performed?

16:20-16:35 **Pro:** PAB should be performed for later DSO

Su Jin Park (Sejong Cardiovascular Center)

16:35-16:50 **Con:** Conservative treatment is better than surgical intervention

Jae Young Lee (Seoul St. Mary's Hospital)

16:50-17:00 Rebuttal

17:00-17:10 Discussion

17:10 Adjourn