



아산교육연구관 지하1층 대강당
December 15th, 2018 (Sat)

Congenital Heart Disease Center Symposium

Simulation with 3D-printed models

08:30-08:50 Registration

08:50-08:55 Congratulatory address Ko, Tae-Sung, President, AMC Children's Hospital

08:55-09:00 Opening remarks Yun, Tae-Jin, Director, AMC CHD Center

Session I. ToF: Evolution of surgical strategies for valve sparing

09:00-09:15 Pulmonary valve annulus preservation for ToF in Okayama Shingo Kasahara

09:15-09:30 Optimal pulmonary valve diameter at valve-sparing ToF repair Tae-Jin Yun

09:30-09:45 Systemic-pulmonary shunt for patients with small PVA Eun Seok Choi

09:45-10:00 Pulmonary cusp and annular extension technique Yuji Hiramatsu

10:00-10:15 PVA preservation without right ventriculotomy Jae-Gun Kwak

10:15-10:30 Discussion

10:30-10:45 Coffee break

Session II. Surgical techniques for ToF patients not amenable to valve sparing

10:45-11:00 Right ventricle infundibular sparing at ToF repair David Morales

11:00-11:15 RVOT reconstruction for patients with transannular patching Si-Chan Sung

11:15-11:30 Homograft monocusp implantation for RVOT reconstruction Ji Hyuk Yang

11:30-11:45 Bicuspid pulmonary valve reconstruction using PTFE membrane Cheul Lee

11:45-11:55 Case review of ToF : Echocardiography Jae Suk Baek

11:55-12:05 Case review of ToF : Cardiac CT Dong Hyun Yang

12:05-12:15 Case of ToF repair for surgical simulation Tae-Jin Yun

12:15-12:30 Discussion

12:30-13:30 Lunch

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

(아카데미 마운터)

13:30-17:00 Surgical simulation using 3D-printed model of ToF with a marginally small PVA

Session IV. General aspects and long term complications of ToF

13:30-13:50 Historical review of ToF repair in Japan Kisaburo Sakamoto

13:50-14:10 Catheter interventions for repaired ToF Seung Ho Kim

14:10-14:30 Quantification of pulmonary regurgitation in post-repair ToF

: Comparative study between echocardiography and MRI.

Satoshi Yasukochi

14:30-14:50 Optimal timing of pulmonary valve implantation in repaired ToF with PR

Cheul Lee

14:50-15:10 Discussion

15:10-15:30 Coffee break

Session V. Pediatric Mechanical circulatory support

15:30-15:50 Surgical and non-surgical outcomes of DCMP in children

Young-Hwue Kim

15:50-16:10 Mechanical circulatory support in children

David Morales

16:10-16:30 First Korean experiences of Berlin heart

Yu-rim Shin

16:30-16:50 Indications and Contraindications for H-VAD in adolescents

Cheol-Hyun Chung

16:50-17:00 Discussion

17:00 Adjourn