

AP Target Symposium

AP Target Symposium 4 (III-APT4)

Optimizing results in staged surgical management of functionally univentricular hearts – Preparation rather than Selection for Fontan

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Chair: Akio Ikai (The Cardiovascular Center, Mt. Fuji Shizuoka Children's Hospital, Japan)

Chair: Swee Chye Quek (Pediatrics, National University of Singapore, Singapore)

Sun. Jul 9, 2017 8:30 AM - 10:15 AM ROOM 3 (Exhibition and Event Hall Room 3)

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[III-APT4-03] Atrioventricular valve anatomy and function in patients with single ventricle

○Masaki Nii (Shizuoka Children's Hospital, Shizuoka, Japan)

Atrioventricular valve (AVV) function is one of the most important determinants of prognosis of patients with single ventricular physiology. Therefore, how to treat AVV regurgitation is a key for the preparation to have Fontan operation. Echocardiography is the 1st line imaging modality to assess AVV function before operation. The mechanisms of AVV regurgitation in patients with single ventricle and how to assess AVV function by two and three-dimensional echocardiography is discussed.