

AP Target Symposium

## AP Target Symposium 1 (I-APT1)

### Dealing with the borderline Left Ventricle - What are the requirements for biventricular circulation, and how to get there?

Chair: Kim Sung-Hae (Pediatric Cardiology, Shizuoka Children's Hospital, Japan)

Chair: Bing Jia (Department of Pediatric Cardiology, Fudan University, Shanghai, China)

Fri. Jul 7, 2017 2:35 PM - 4:05 PM ROOM 3 (Exhibition and Event Hall Room 3)

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2:35 PM - 4:05 PM

### [I-APT1-04] The Borderline Left Ventricle: Surgery for the Aortic Valve and the Ventricular Outlet

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Keywords: Cardiac Surgery, Left Ventricle, Aortic Valve

Hypoplasia of left heart structures, including the left ventricular mass, the left ventricular outflow tract, aortic valve, and the aorta is associated with both an increase mortality following surgical intervention as well as the need for single ventricle palliation strategies. Studies have indicated that hypoplasia of left heart structures are related to left sided obstructive lesions. In patients with borderline left ventricular mass and obstruction at various levels of the left ventricular outflow tract, correction of these lesions may allow for successful biventricular repair. This presentation will explore both palliative and definitive surgical procedures that address these left sided obstructive lesions in the setting of a small left ventricle.