

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)

8:30 AM - 10:15 AM

[III-APT4-07] Use of Mechanical Circulatory Assist Devices and Cardiac Transplantation in the Failing Functional Single Ventricle Patients

○ James, D St. Louis (Department of Surgery Children's Mercy)

Palliative interventions are commonly utilized for patients with a functionally single ventricular congenital cardiac anatomy, where definitive procedures are not possible. Failure to progress through these series of palliative procedures occur for a number of reasons. When this failure occurs, utilization of mechanical circulatory assist devices and eventual listing for cardiac transplantation may be required. This presentation will address the complications which may occur in patients undergoing stages palliative procedures for functionally single ventricular anatomy, use of mechanical circulatory assist devices, cardiac transplantation as well as addressing the outcomes of these procedures.