



Submission No.: LW-9368

Session : Lung Workshop

Date & Time, Place : November 18 (Sat), 09:00-10:30, Room 5F-3

Session Title : A Deep Dive into Lung Transplantation: Tips and Tricks for Success (surgical video session)

Bilateral sequential lung transplant with pulmonary artery reconstruction using donor aorta for pulmonary hypertension with a giant pulmonary arterial aneurysm

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Giant aneurysms of the pulmonary artery (PAA) is a rare complication that may arise in individuals with pulmonary arterial hypertension (PAH). This condition can be further complicated by the risk of rupture, dissection, or intravascular thrombus formation. In such cases, the standard approach of bilateral lung transplantation (BLT) is often deemed unfeasible for these patients, and heart-lung transplantation has traditionally been the primary consideration. Here, we present a case involving a young patient with PAH and a giant pulmonary arterial aneurysm who underwent a treatment approach involving simultaneous PA reconstruction and sequential bilateral lung transplantation. This case demonstrates that individuals with PAH and PAA can successfully undergo lung transplantation while also addressing the pulmonary artery issue, with positive outcomes.