



PD011

Paediatric Cardiology & Congenital Heart Disease • Poster Presentation

A CASE OF LARGE FO-ASD WITH PULMONARY HYPERTENSION DUE TO PULMONARY VEIN STENOSIS

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Background: A fossa ovale ASD is a rare cause of pulmonary hypertension even when the patient presents late. We present a case of pulmonary hypertension in a patient with large ASD and pulmonary vein stenosis.

Methodogy: This is the case of a 21 year old who was incidentally diagnosed with a foramen ovale ASD in childhood, but was lost to follow up. 6 months prior to presentation, he developed dyspnea on exertion, intermittent palpitations and chest pain for which he was brought to the hospital. A 2D echoed showed a 24 mm FO-ASD shunting left to right with discrete left and right upper pulmonary vein stenosis (LUPV and RUPV). The right atrium, right ventricle and pulmonary arteries were all dilated. Cardiac catheterization revealed increased pressure in the LUPV, RUPV and pulmonary arteries with a normal left atrial pressure. Intra operatively, there was a membranous stenosis at the opening of the RUPV which was excised. There was also a discrete stenosis at the LUPV which was repaired. The FO ovale ASD was closed with a Dacron patch.

In summary it should be noted that pulmonary hypertension is rare in patients with ASD even when the defect is large. Therefore, other causes of pulmonary hypertension should be explored in patients with ASD even

Keywords: Foramen ovale ASD, pulmonary hypertension