

Ruptured Dilated Right Coronary Sinus of Valsalva with Ventricular Septal Defect

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Abstract

Ventricular septal defects account for 10 percent of congenital heart diseases in adults. They can either occur alone, or in combination with other cardiac anomalies. Ventricular septal defects, and more commonly aortic valve regurgitation and bicuspid aortic valve, are frequently associated with ruptured sinus of Valsalva aneurysms. Rupture of the aneurysm is the most common complication, which commonly protrude and rupture into the right ventricle or right atrium.

We present the case of a 27-year old male who was admitted because of lightheadedness and dizziness. The patient had a history of a heart murmur since childhood and was diagnosed with a congenital heart disease. 2D-echocardiography with Doppler studies revealed a dilated right coronary sinus of Valsalva with rupture into the right ventricular outflow tract.



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Biography:

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