







Ruptured Valsalva aneurysm of the non-coronary cusp: a case report

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KEYWORDS: sinus of Valsalva, aneurysm, echocardiography, treatment.

CITATION: *Cardiol Croat.* 2022;17(9-10):240. | <https://doi.org/10.15836/ccar2022.240>

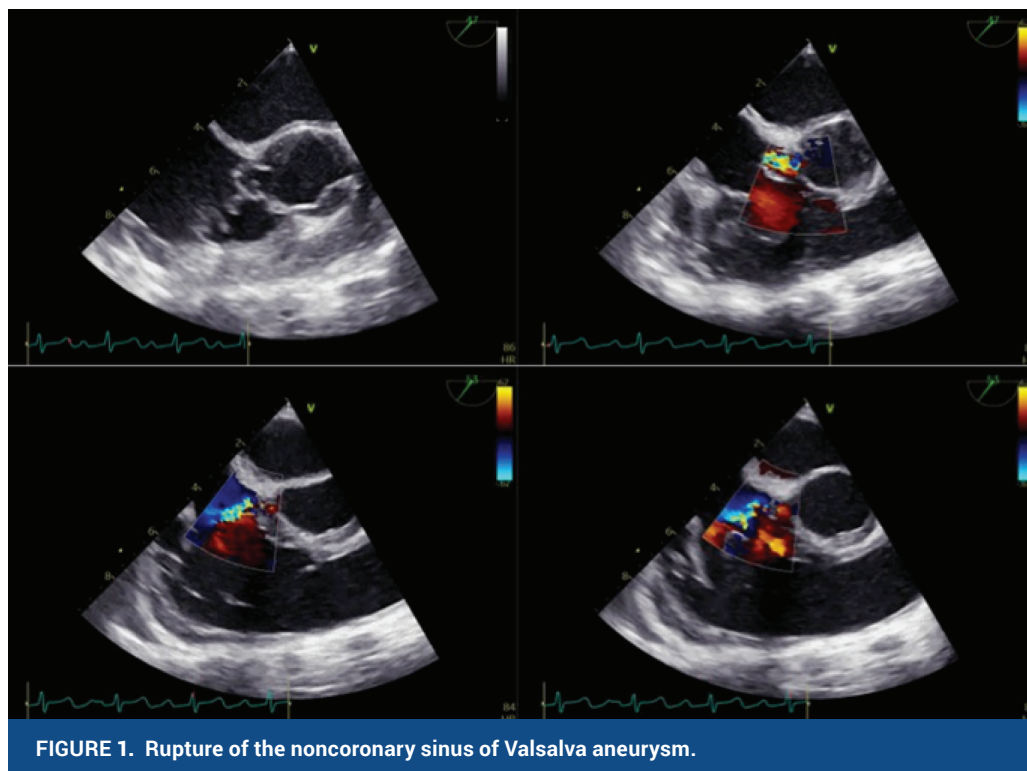
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Aim: To present a rupture of sinus of Valsalva aneurysm (SOVA) of the non-coronary cusp (NCC) in a 30-year-old female patient who was admitted for hospital treatment because of symptoms related to congestive heart failure.

Case presentation: After transthoracic echocardiography (TTE), where the existence of a ventricular septal defect (VSD) was suspected, transesophageal echocardiography (TEE) was indicated for a patient with a diagnosis of Down syndrome. The left and right heart cavities were of regular dimensions, with preserved systolic function of the left ventricle, along with mild mitral and pulmonary regurgitation. TEE detected a SOVA of NCC, with visible communication with the right atrium, along with trileaflet aortic valve (**Figure 1**).

Conclusion: SOVA is a rare congenital heart defect, which is most often detected accidentally, and due to rupture, surgical treatment is indicated^{1,2}.



LITERATURE

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RECEIVED:
October 12, 2022

ACCEPTED:
November 10, 2022

