

## Case images

## Olgu görüntüsü

### Extrinsic coronary squeeze in the left main coronary artery between left sinus of Valsalva aneurysm and left auricula

#### *Sol Valsalva sinüs anevrizması ve sol aurikula arasındaki sol ana koroner artere dışsal bası etkisi*

Ersin Sarıçam

Ömer Koçak#

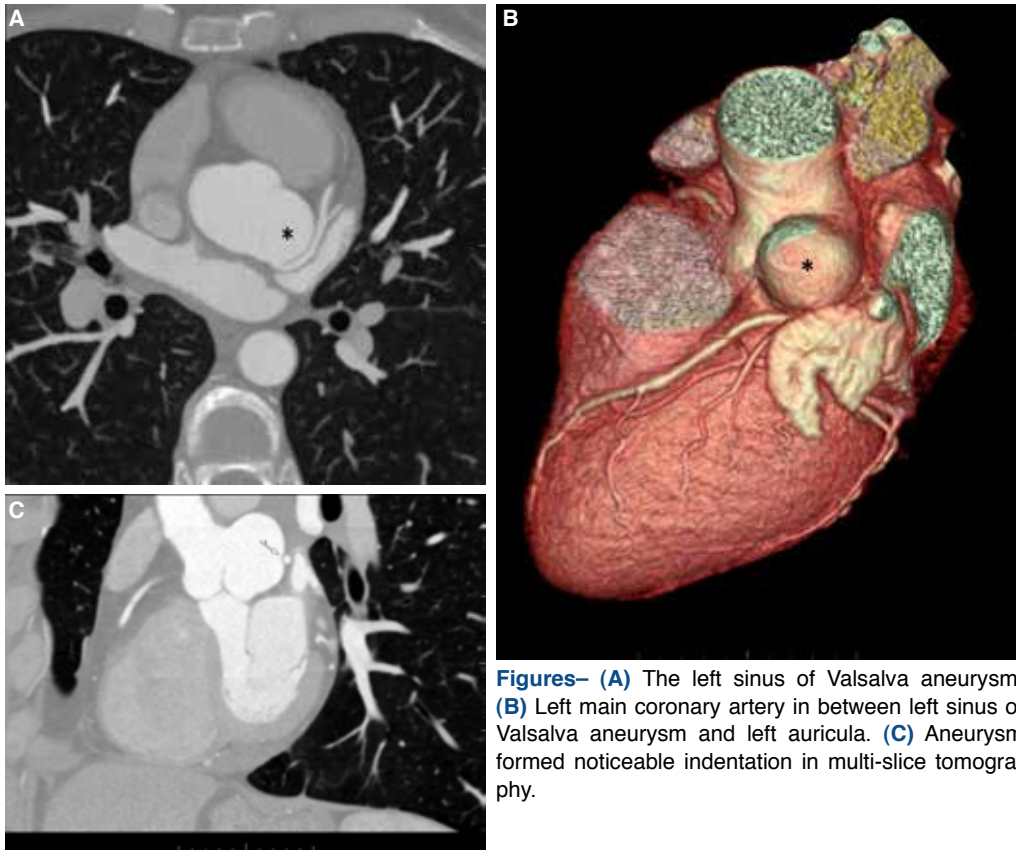
Arslan Öcal

Nadir Barındık

Department of Cardiology, Koru  
Ankara Hospital, Ankara, Turkey

#Department of Radiology, Koru  
Ankara Hospital, Ankara, Turkey

A 57-year old female was evaluated due to complaint of chest pain, which was dull and unrelated to exertion. No abnormality was detected on physical examination, and left sinus Valsalva aneurysm (SVA) was revealed on echocardiography. Multi-slice cardiac computed tomography had been performed for more detailed analysis, during which the SVA was discovered (Figure A). The location of the left main coronary artery between the left SVA and left auricula was observed (Figure B). The aneurysm caused noticeable indentation (Figure C) on tomography, and myocardial perfusion scintigraphy was performed to investigate the presence of coronary ischemia, which was found on the anterior wall. Due to possible occurrence of malignant arrhythmias, coronary infarct, and sudden death, surgical intervention was recommended.



**Figures– (A)** The left sinus of Valsalva aneurysm. **(B)** Left main coronary artery in between left sinus of Valsalva aneurysm and left auricula. **(C)** Aneurysm formed noticeable indentation in multi-slice tomography.