A 42-year-old male was admitted due to syncope. 3D CT angiography demonstrated aortic paraannular abscess and pseudoaneurysm from sinus of Valsalva which has bulging contour to AV groove and right coronary artery. We performed abscess removal and debridement. Aortic root was reconstructed and the orifice of pseudoaneurysm was closed using autopericardium (Figs. 1 and 2).

Fig. 1. 3D CT angiography (EKG-gated); aortic pseudoaneurysm has bulging contour to AV groove and the right coronary artery is passing through the anterosuperior aspect of the pseudoaneurysm.

Fig. 2. Aortic root abscess with vegetation and orifice of pseudoaneurysm in noncoronary sinus of Valsalva.

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