

Cite this article as: Schmiady MO, Alkadhi H, Chiodini A, Ouda A. Accidental finding of 2 giant coronary button aneurysms 23 years after composite graft replacement. Eur J Cardiothorac Surg 2021;60:1000.

## Accidental finding of 2 giant coronary button aneurysms 23 years after composite graft replacement

Martin O. Schmiady <sup>a,\*</sup>, Hatem Alkadhi <sup>b</sup>, Alessandra Chiodini<sup>c</sup> and Ahmed Ouda<sup>a</sup>

<sup>a</sup> Division of Cardiac Surgery, University Heart Center, University Hospital Zurich, Zurich, Switzerland

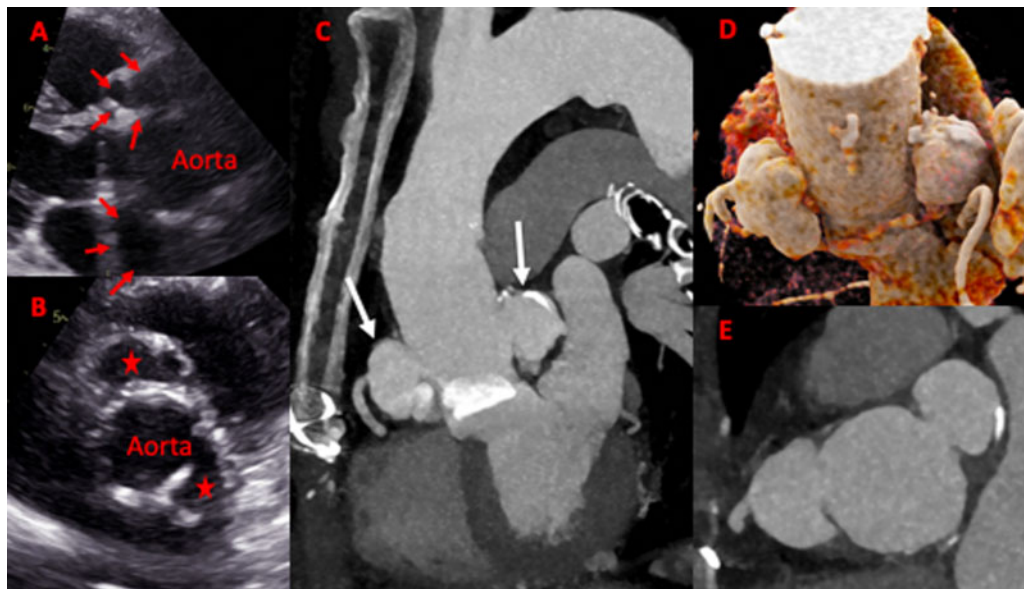
<sup>b</sup> Institute of Diagnostic and Interventional Radiology, University Hospital Zurich, Zurich, Switzerland

<sup>c</sup> University Heart Centre, Department of Cardiology, University of Zurich, Zurich, Switzerland

\* Corresponding author. Division of Cardiac Surgery, University Heart Center, University Hospital Zurich, Rämistrasse 100, 8091 Zurich, Switzerland.  
Tel: +43-253-11-66; fax: +41-44-255-44-67; e-mail: martinoliver.schmiady@usz.ch (M.O. Schmiady).

Received 10 January 2021; received in revised form 5 April 2021; accepted 7 April 2021

**Keywords:** Aortic root replacement • Aortic aneurysm • Coronary button • Coronary ostial aneurysms



**Figure 1:** A 58-year-old female presented with palpitations. Transthoracic echocardiography showed aneurysmal enlargement of both coronary buttons (A and B). Computed tomography angiography confirmed the finding showing 2 large aneurysms at the ostia of the reinserted left (2.3 cm × 1.8 cm × 2.6 cm) and right (2.4 cm × 1.7 cm × 3.3 cm) coronary artery (C–E). The patient underwent a successful aneurysmectomy with replacement of the ascending part of the Dacron prosthesis and reimplantation of the coronary arteries.

### Reviewer information:

European Journal of Cardio-Thoracic Surgery thanks Francesco Formica, Alessandro Mazzucco and the other, anonymous reviewer(s) for their contribution to the peer review process of this article.