Quiz: Imaging

A solid pulmonary nodule in asymptomatic 54-year-old male patient was detected on chest X-Ray during routine checkup. An ECG-triggered cardiac computed tomography (CT) images performed for the differential diagnosis of the nodule showed that the thought “solid pulmonary nodule” was actually an outward growth of the wall of the distal part of the aortic arch (Fig 1).

What is your diagnosis?
A) Penetrating atherosclerotic ulcer in aortic arch
B) Double aortic arch
C) Aneurysm of the ductus arteriosus diverticulum
D) Kommerell's diverticulum

Figure 1: An aneurysmatic dilatation is observed in the distal part of arcus aorta (A: Volume Rendering, B: oblique Multiplanar (MPR) images).

Ferhat Can Piskin, Erol Huseyin Aksungur, Kairgeldy Aikimbaev
Department of Radiology, Balcali Hospital, Medical Faculty
Cukurova University, Adana, Turkey

Peer-review: Internal
Conflict of interest: None to declare
Authorship: F.C.P., E.H.A. and K.A. equally contributed to preparation of quiz
Acknowledgement and funding: None to declare

Address for Correspondence: Ferhat Can Piskin, Department of Radiology, Balcali Hospital, Medical Faculty, Cukurova University, Adana, Turkey Email: ferhatcpiskin@gmail.com
Received: 21.08.2019 Accepted: 22.08.2019
Copyright © 2019 Heart, Vessels and Transplantation