

## ARP Case Report n° 33: What is your diagnosis?

*Caso Clínico ARP n° 33: Qual o seu diagnóstico?*

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### Case

A 57 year-old male patient presented to the Radiology department of our institution for outpatient evaluation of chest pain. He had a previous known history of smoking, peptic ulcer disease, arterial hypertension, type 2 diabetes mellitus, hypercholesterolemia and benign prostatic hyperplasia.

He had undergone surgical resection of a posterior left mediastinal mass, which was confirmed to be a bronchogenic cyst. He was additionally being followed for a bicuspid aortic valve with moderate to severe stenosis.

A chest x-ray (XR) (figure 1) and a cardiac and chest computer tomography (CT) (figure 2) were performed. A previous CT of the chest (figure 3) showed the bronchogenic cyst prior to resection.



Figure 1 – Chest x-ray in posteroanterior projection.



Figure 2 – Contrast-enhanced axial CT images at the level of the main pulmonary artery (a), showing the 4 cardiac chambers (b) and in lung window (c).

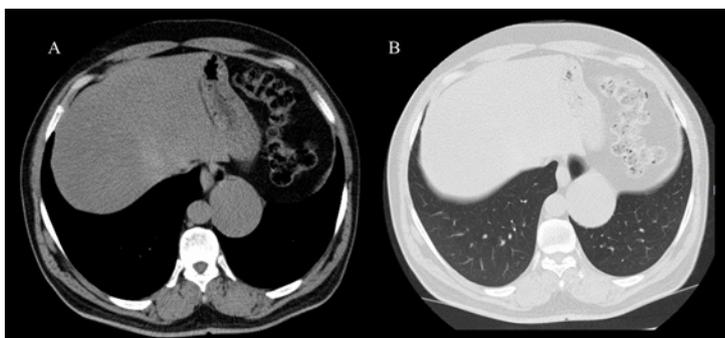


Figure 3 – Previous non-contrast-enhanced axial CT images show a hypodense posterior mediastinal lesion in soft tissue window (a) and in lung window (b), which was confirmed to be a bronchogenic cyst.

Send your answer containing the diagnosis(s) to the email address [actarp.on@gmail.com](mailto:actarp.on@gmail.com).

The names of the authors of the correct answers will be published in the next issue of the ARP in the case solution.