

## Clinical Image

Pulmonary Artery Aneurysm<sup>☆</sup>

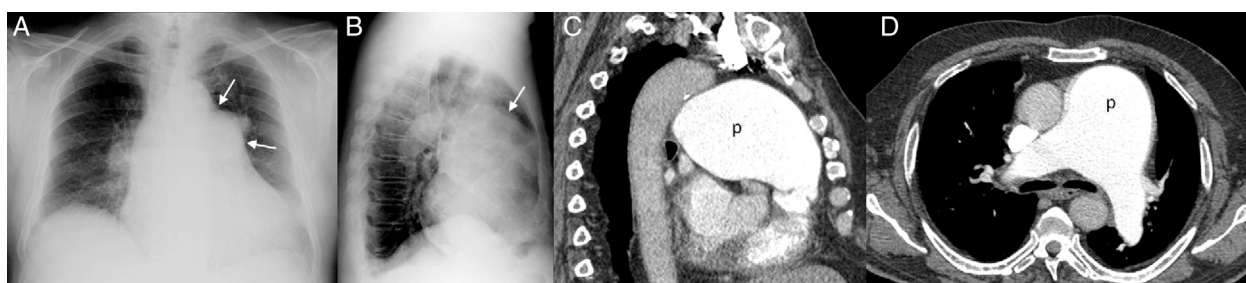
## Aneurisma de la arteria pulmonar

Victoria Mayoral-Campos,<sup>\*</sup> José Luis de Benito-Arévalo, Marzo Antonio Varea-Sanz

Servicio de Radiología, Hospital Clínico Universitario Lozano Blesa, Zaragoza, Spain

We present the case of a 77-year-old patient with a history of hypertension and glaucoma, who was admitted to our hospital for symptoms of dyspnea at rest, with no cough or expectoration. As a casual finding on the chest radiograph (Fig. 1A and B), a saccular image was observed with well-defined borders at the level of the left hilum (arrows 1A), extending toward the retrosternal space (arrow 1B). It was decided to complete the study

with chest-computed tomography (CT) with intravenous iodated contrast (Fig. 1C and D), in which an aneurysmatic dilatation of the conus arteriosus, 75 mm in diameter (p), was reported, with no other findings of interest. Due to the patient's clinical history (asymptomatic, located in the pulmonary trunk, with no data indicating a high risk of rupture), it was decided to opt for a conservative approach to the aneurysm.



**Fig. 1.** Chest X-ray, posterior–anterior (PA) (A) and lateral (B), in which a smooth rounded lesion at the level of the left hilum can be seen in the PA projection (arrows 1A), projecting into the retrosternal space (arrow 1B). Chest CT with the administration of intravenous contrast, sagittal and axial projection (C and D) confirms an aneurysmatic dilatation of the conus arteriosus.

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<sup>\*</sup> Corresponding author.

E-mail address: [vickymayoral@gmail.com](mailto:vickymayoral@gmail.com) (V. Mayoral-Campos).

Pulmonary artery aneurysms are rare entities<sup>1</sup> and are difficult to diagnose due to their low prevalence, as they often present with non-specific symptoms or even in asymptomatic patients.<sup>2</sup> Only isolated cases have been documented in the world literature, and their management remains unclear.

## References

1. Orman G, Guvenc TS, Balci B, Duymus M, Sevingil T. Idiopathic pulmonary artery aneurysm. *Ann Thorac Surg*. 2013;95:e33–4.
2. Tomás Labat ME, Beltrán Beltrán S, Molina Naveros S, Navarro Botella F, Alvarez Soto D, Pérez Moro E, et al. Idiopathic pulmonary artery aneurysm: report of a case and review of the literature. *An Med Interna*. 2005;22:329–31.