

## A 25-year-old Mediastinum Intruder

Frick de la Maza Isadora\*, Van Ruysevelt Patrick and Schraeverus Peter

Department of Cardiovascular Surgery, Hôpital de Jolimont, La Louvière, Belgium

\*Corresponding Author: Frick de la Maza Isadora, Department of Cardiovascular Surgery, Hôpital de Jolimont, La Louvière, Belgium.

Received: June 19, 2023

Published: July 03, 2023

© All rights are reserved by Frick de la Maza Isadora, et al.

### Abstract

A 77-year-old female with aggravating dyspnea was referred to us for the surgical management of a severe calcific aortic valve stenosis. Patient history showed the presence of a mediastinum cystic mass described in 1997 for which clinical surveillance had been proposed. Preoperative computed tomography (Figure 1) and chest X-ray (Figure 2) revealed that the cystic mass had tripled over the last 25 years and currently measured 17x13x3 cm. An aortic valve replacement associated with *en bloc* removal of the cystic mass was performed.

**Keywords:** Cyst; Mediastinum; Pleuropericardial

### Materials and Methods

Perioperative examination (Figure 3) and histopathological findings (Figure 4) were consistent with benign pleuropericardial cyst.

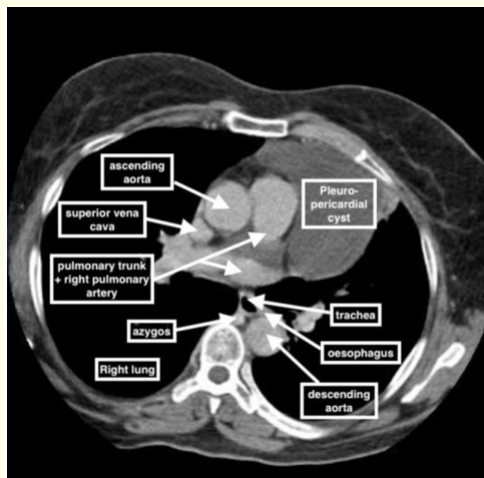


Figure 1

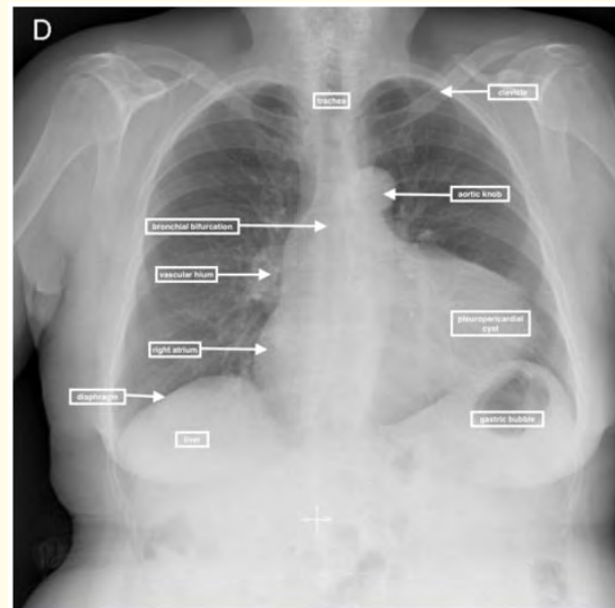


Figure 2

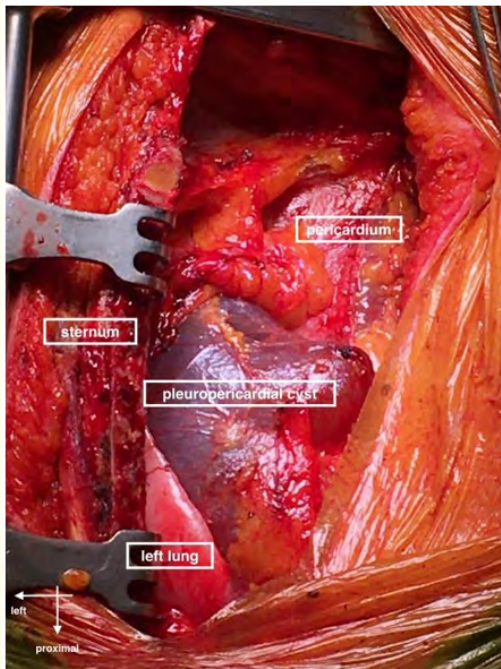


Figure 3



Figure 4

## Results

The postoperative recovery was successful and the clinical follow-up uneventful.

## Conclusion

Pleuropericardial cysts, generally fortuitously discovered, are a relatively rare form of mediastinal benign cyst with an embryological origin [1]. Their management should consist in a complete surgical excision, even in asymptomatic patients, in order to prevent complications and obtain a definitive histological diagnosis [2].

## Disclosure of Interest

None to declare.

## Bibliography

1. A Traibi, *et al.* "Les kystes bénins du médiastin: à propos de 28 cas". *Revue Des Maladies Respiratoires*, Elsevier, Nov 29 (2012): 1111-1115.
2. A Zambudio, *et al.* "Non-neoplastic mediastinal cysts". *European journal of Cardio-thoracic Surgery* 22 (2002): 712-716.