



IMAGES IN INTENSIVE MEDICINE

Iatrogenic pulmonary pseudoaneurysm rupture following thoracic drainage[☆]



Rotura de pseudoaneurisma pulmonar iatrogénico tras drenaje torácico

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Available online 18 May 2022

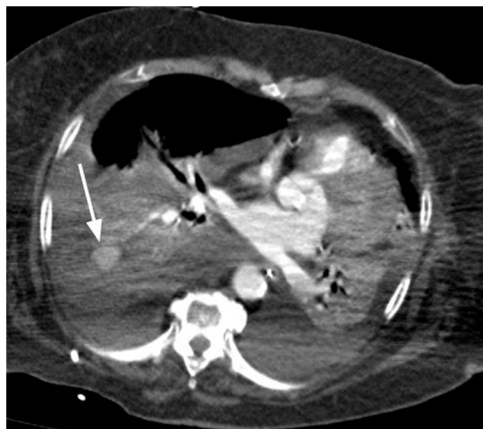


Figure 1

A 75-year-old woman and ex-smoker was admitted to the ICU due to respiratory failure secondary to pneumonia.

[☆] Please cite this article as: Marco Escoto MJ, Navarrete Rebollo ML, Prieto Bragado MJ, Alvarado Ramírez JD, Fernández López I, Carrasco Barea JM. Rotura de pseudoaneurisma pulmonar iatrogénico tras drenaje torácico. *Med Intensiva*. 2022;46:418–419.

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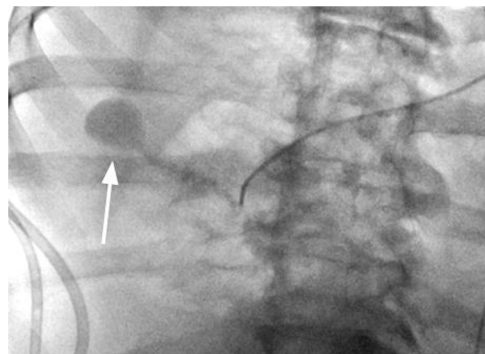


Figure 2

The clinical course proved torpid, with the development of acute respiratory distress syndrome and the need for prolonged mechanical ventilation. Weaning was complicated by the appearance of bilateral pleural effusion, requiring the ultrasound-guided placement of a pleural drain (Pleurocath® 12 French). After 30 min, the patient developed severe hypotension, perspiration and paleness. Following initial stabilization, a chest CT scan was requested, evidencing right hemothorax and a rounded image suggestive of a pseudoaneurysm of the peripheral pulmonary circulation (Fig. 1). After consulting Interventional Radiology, the decision was made to perform pulmonary angiography, which confirmed the existence of an arterial pseudoaneurysm arising from a branch of the right descending lobar artery (Fig. 2). Coil embolization was performed (Fig. 3), followed by a good

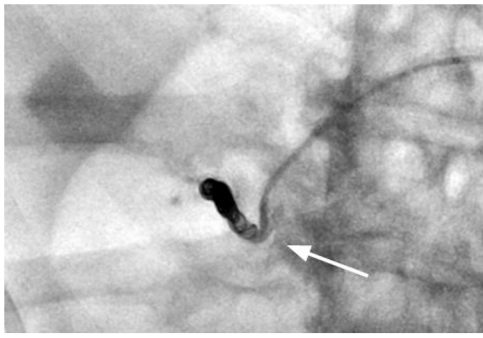


Figure 3

course, and the patient was discharged to the ward without complications.

Funding

There was no source of funding.