

Case Report

Open Access, Volume 5

Bilateral necrotizing pneumonia: A fulminant evolution**Passos R^{1,2*}; Alves D¹; Martins JD^{2,3}; Corga R^{1,2}**¹Critical Care Department, Hospital de Santa Luzia, Viana Do Castelo, Portugal.²School of Medicine, University of Minho, Braga, Portugal.³Internal Medicine Department, Hospital de Santa Luzia, Viana do Castelo, Portugal.***Corresponding Author: Rita Passos**Santa Luzia Hospital, Estrada de Santa Luzia, 50,
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Received: Nov 19, 2024

Accepted: Dec 05, 2024

Published: Dec 12, 2024

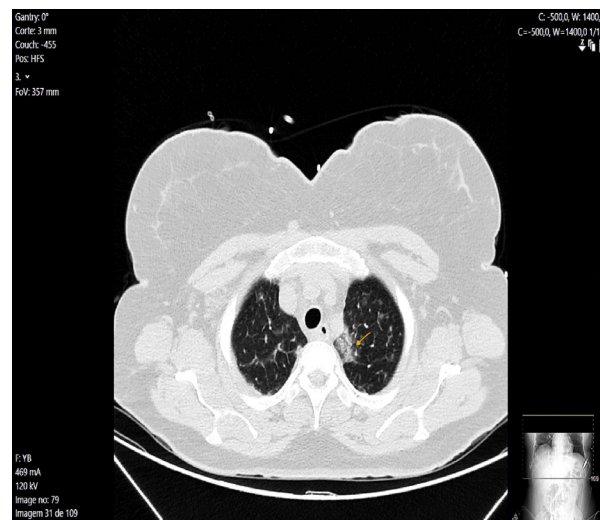
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DOI: www.doi.org/10.52768/2766-7820/3383

Description

A 47-year-old female patient, elderly caregiver, with no previous medical history was admitted at ICU with hypoxemic acute respiratory failure in the context of bilateral pneumonia, with an arterial blood gas at admission revealing a paO_2 52 mmHg (reference value >60 mmHg) and paCO_2 32 mmHg (reference value 35-45 mmHg) in FiO_2 of 60% by venturi mask. The admission chest CT scan is represented in (Figure 1). At admission she was started on invasive mechanical ventilation and empirical antimicrobial therapy was started, adjusted at day two to vancomycin after identification of methicillin-resistant *Staphylococcus aureus* on blood cultures. Severe hypoxemia persisted besides curarization and prone position sessions, so CT scan was repeated at day six revealing a diffuse necrotizing pneumoniae (Figures 2 and 3). The patient was started on Veno-venous extracorporeal membrane oxygenation and transferred to a tertiary hospital.

**Figure 1:** Clinical image.

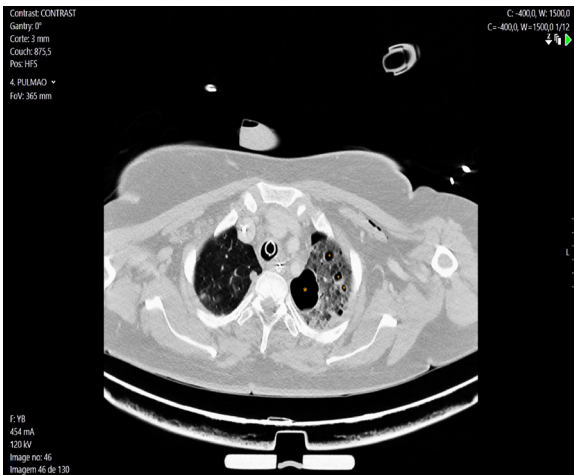


Figure 2: Clinical image.



Figure 3: Clinical image.