

Cystic Lung Disease in a Young Man

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ABSTRACT

A 32-year-old man was admitted in the Emergency Department with acute dyspnea secondary to spontaneous pneumothorax. He had history of spontaneous pneumothorax 2 years ago.

He was active cigarette smoker (10 pack/year). The family history was unremarkable for lung diseases. Additionally, he had no systemic complaints.

The lung HRCT revealed multiple bizarre-shaped cysts distributed in both lungs with more severe involvement of upper and middle parts (Figure 1).

Since the HRCT findings were characteristic and he was smoker, the diagnosis of pulmonary langerhans cell histiocytosis (PLCH) was proposed. Small chest tube was inserted in left side and after 5 days it was easily removed.

He was recommended to quit smoking and close follow-up.

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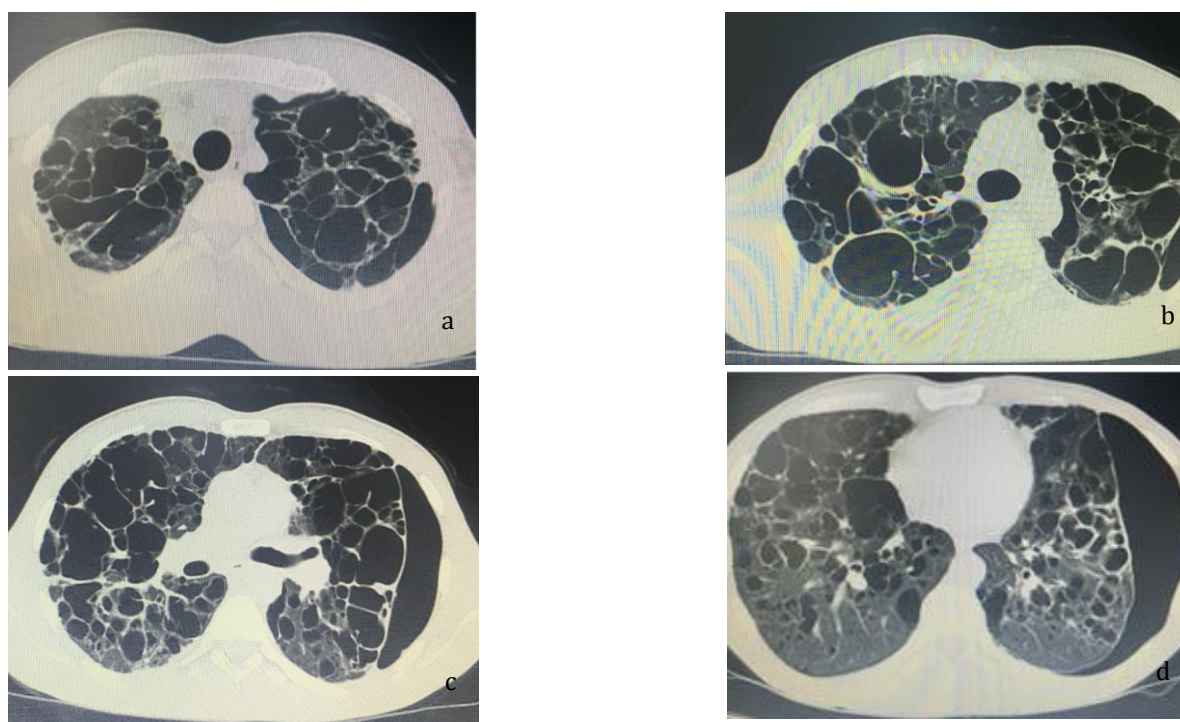


Figure 1 (a, b, c, d). Multiple bizarre-shaped pulmonary cysts in both lungs with more involvement of upper and mid zones and left side pneumothorax

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