

Calcification in a pulmonary hydatid cyst: a rare radiological appearance

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A 13-year-old boy was admitted to the authors' clinic because a cystic lesion had been detected in his right lung. Thoracic computed tomography revealed a smooth-edged lesion with calcification of its wall, approximately 2 cm in diameter, in the lower lobe of the right lung and adjacent to the inferior vena cava (**Figure 1a**). The patient underwent thoroscopic wedge resection, and the cystic lesion was excised (**Figure 1b**). Histopathological examination indicated that it was a hydatid cyst.

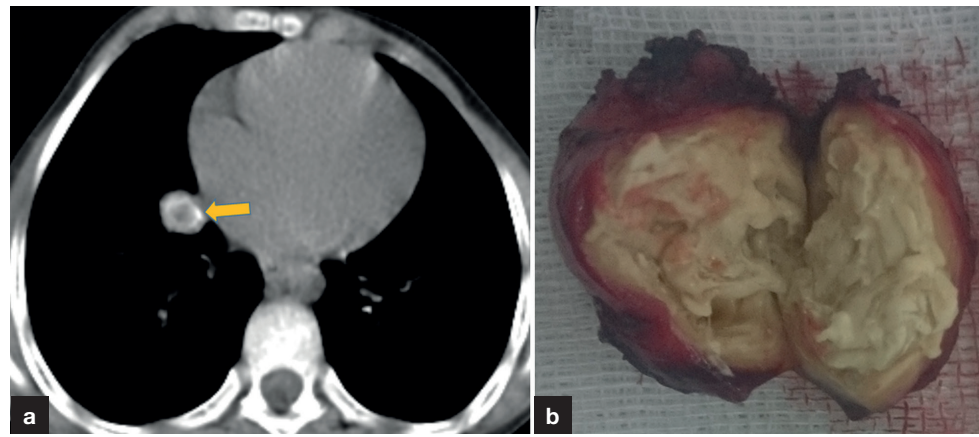


Figure 1. a. Thoracic computed tomography axial section mediastinal window shows a 2 cm diameter lesion in the lower lobe of the right lung adjacent to the inferior vena cava containing calcification on its wall (arrow). b. Macroscopic view after the cyst has been excised and its wall cut.

Pulmonary hydatid cysts are more common in children than in adults (Aydin et al, 2021). In endemic areas, radiological findings are important in the diagnosis of hydatid cysts. Although calcification is very common in hydatid cysts in the liver, the rate of calcification in pulmonary hydatid cysts is very low (seen in 0.7% of cases) and computed tomography is the best method for detecting calcification (Garg et al, 2016).

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