

# A CASE OF DIFFUSE PULMONARY OSSIFICATION COMPLICATED BY SPONTANEOUS PNEUMOTHORAX WITH A RETROSPECTIVE ANALYSIS OF 3 PREVIOUS CASES

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## *Abstract*

Diffuse pulmonary ossification (DPO) is a group of diseases in which calcium or metaplastic bone tissue accumulates in the trachea, bronchi or lungs. The disease is more often secondary and observed in local or systemic disorders. The disease is considered incurable, but the prognosis may be relatively favorable with the slow progression of the disease. The ability to work of the patients depends on the severity of clinical manifestations and the degree of functional impairment. Prophylaxis is not developed.

The case of DPO complicated by spontaneous pneumothorax and a retrospective analysis of three more cases of this condition are presented in this report.

Ossification of the lungs is a rare pathology. The disease is asymptomatic for a long time. Clinical manifestations occur with significant pulmonary parenchyma lesion. Considering the absence of specific clinical and radiological signs, reliable diagnosis is possible after surgical lung biopsy followed by histology studies.

**Key words:** pulmonary ossification, pneumothorax.

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