

CASE OF THORACIC ACTINOMYCOSIS IN A CHILD

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Abstract

The article presents a rare clinical case of a complex way of diagnosis and treatment of thoracic actinomycosis with lung and chest soft tissues lesions in 12 years old child. About six months passed from the time of the first complaints until the final clinical diagnosis was made. This delay led to significant destructive changes in the lungs and adjacent soft tissues. During this time, the child went through all stages of health care.

Differential diagnosis with lung neoplasm was performed. The diagnosis was verified by histological and immunohistochemical studies. The biopsy material revealed separately rounded dense clusters of fungi, which morphologically most corresponded to actinomycetes.

The treatment consisted of two stages (inpatient and outpatient), which lasted more than three months. Significant clinical and radiological improvement has been achieved. The child continues treatment on an outpatient basis under the regular supervision of a pulmonologist.

Key words: thoracic actinomycosis, diagnosis, treatment, children.

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