FEATURES OF CLINICAL AND MORPHOLOGICAL MANIFESTATIONS OF PULMONARY NONTUBERCULOUS MYCOBACTERIOSIS AND ITS DIAGNOSTICS: A SERIES OF OBSERVATIONS

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Abstract

The aim is to present a series of own observations of the diagnostics of pulmonary nontuberculous mycobacteriosis in patients with comorbid conditions.

Pulmonary nontuberculous mycobacteriosis (NTML) still remains an under-recognized disease that is difficult to diagnose and treat. Patients with mycobacteriosis usually have chronic respiratory symptoms. Such symptoms are non-specific and similar to other diseases of the respiratory system, such as lung cancer, pulmonary tuberculosis, fungal infections.

History of increased frequency of lower respiratory tract infections despite antibiotic treatment may be observed; or presence of immunosuppressive disease.

Diagnosis of NTML is based on clinical, radiographic, and microbiological criteria. Transbronchial or other lung biopsy with histological evidence of mycobacteriosis (granulomatous inflammation with acid-fast bacteria) with positive culture of biopsy material for NTML is also an essential diagnostic feature of NTML.

An analysis of a series of own observations of mycobacteriosis diagnostics in a highly specialized institution of phthisio-pulmonological profile is presented. General clinical data, findings of the first X-ray examination and results of microbiological and morphological diagnostics are analyzed. It is established that only the result of the culture allowed to establish the diagnosis of pulmonary disease.

Conclusions. Diagnosis of mycobacteriosis still causes significant difficulties for clinicians. And even the detection of non-tuberculous mycobacteria as the main pathogen of the disease does not guarantee a completely successful cure due to the chronicity of inflammation and often the lack of mycobacteria drug, sensitivity data.

Keywords: pulmonary mycobacteriosis, diagnostics, histology.

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