

Rapidly exacerbating tuberculosis

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Even in developed countries tuberculosis still contributes to morbidity and mortality [1]. We report the case of a previously healthy man who experienced bronchogenic spread of tuberculosis. A plain radiogram of the chest was acquired in the course of a pre-employment examination. This revealed multiple patchy infiltrates in both lungs, especially in the superior lobes. At that time the patient was without clinical symptoms.



Figure 1. Plain radiogram of the chest shows multiple patchy infiltrations, especially in the superior lobes.

The patient was advised to consult a pulmonary specialist right away. Furthermore, a complementary CT examination of the chest was strongly recommended. However, the patient refused and left the hospital. 4 months later he came back with significant dyspnea, increasing malaise and was admitted to the department of pulmonology. Repeat X-ray as well as complementary computed tomography scans of

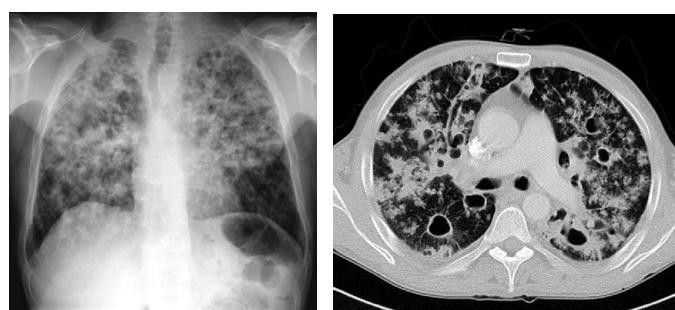


Figure 2. Follow-up chest radiogram and consecutive CT examination of the thorax reveal considerably increasing infiltrations, especially in the upper and middle fields. Moreover, CT shows multiple cavernizations.

the chest demonstrated a considerable increase of the lung infiltrations in the upper and middle fields of both lungs.

Due to these findings, the suspected diagnosis was tuberculosis. This suspicion was finally confirmed by pulmonological examinations including tuberculin skin testing, interferon-gamma release assays and mycobacterial culture from bronchoalveolar lavage [2]. An adequate antituberculotherapy using four drugs (isoniazid, rifampin, pyrazinamide, and ethambutol) was initiated [3,4]. A follow-up radiogram was acquired four weeks later that showed transition in a chronic destructive status with significant volume reduction and consecutive cranialization of the hili of the lungs.



Figure 3. Follow-up chest radiography 4 weeks after initiation of therapy revealing a chronic destructive status with cranialization of the hili.

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