

**THE RESULTS OF QUANTIFERON-TB GOLD TESTING  
AMONG THE SYMPTOMATIC PATIENTS IN BRASOV, ROMANIA**

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**Background:** Brasov is a central county in Romania with a Tuberculosis (TB) incidence of 63/1000. The whole population is BCG - vaccinated at birth.

**Objectives:** The aim of the study was to test the release of interferon-gamma among the symptomatic patients, suspected to have active pulmonary or extrapulmonary Tuberculosis, using Quantiferon TB Gold test ( QFT).

**Methods:** The prospective study included 154 patients which presented symptoms for an active, evolutive TB. All of those patients were examined radiologically and bacteriologically. Following the first two examinations that proved negative, they were subject to QFT.

**Results:** Of the 154 patients, 42,9% (66/154) were QFT-positive. Among positive cases, 39,4% (26/66) have been diagnosed with active pulmonary or extrapulmonary TB. All of them got standardized treatment. For 16,7% (11/66) of patients we started preventive chemotherapy with Isoniazid.

**Conclusion :** Future studies will be able to estimate the role of QFT in the diagnosis of the TB-cases which are not bacteriologically confirmed.