INFORMATION AND MATHEMATIC MODELS OF CLINICAL, RADIOLOGICAL AND LABORATORY MANIFESTATIONS OF TUBERCULOSIS IN TEENAGERS

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Summary

Based on information and mathematic technologies a quantitative evaluation of clinical, radiological and laboratory manifestations of tuberculosis in teenagers was performed. The criteria of estimation of diagnostic process, based on proposed parameters were substantiated. Analyzing clinical-laboratory database, a diagnostic algorithm of tuberculosis in teenagers with primary (76 cases) and secondary (81 cases) forms of the disease was created. This algorithm increased effectiveness of diagnosis verification by 90,7 % and 85,2 %, accordingly.