

MYCOBACTERIUM TUBERCULOSIS SUSCEPTIBILITY TESTING TO FLUOROQUINOLONES

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Resume. Cyprofloxacin and levofloxacin resistance rates in *Mycobacterium tuberculosis* strains isolated from patients of Nikolaev regional TB dispensary over a 2003 year reported in this article. Both primary and acquired fluoroquinolone resistance rates were found to be quite low — 1,3% to 3,6%. Majority of fluoroquinolone resistant strains were reported to be resistant to most I—II line antituberculosis drugs. Necessity of a rapid implementation of a system of fluoroquinolone resistance surveillance is demonstrated.

Key words: Mycobacterium tuberculosis, fluoroquinolones, drug resistance.