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## MYCOBACTERIUM TUBERCULOSIS AND gyrA V ZAMBIA

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**Abstract:** *M. tuberculosis* strains were isolated from clinically and confirmed patients to evaluate the susceptibility of clinical *M. tuberc* fluoroquinolone and to obtain molecular epidemiological information pathogens were subjected to susceptibility testing with isoniazid, rifa streptomycin. The minimum inhibitory concentrations to ciprofloxact

levofloxacin were also evaluated. The *gyrA*, fluoroquinolone resista (QRDR), was sequenced and analysed. As a result, three of the 16 resistant to isoniazid, rifampicin and/or streptomycin. All of the strai ciprofloxacin, levofloxacin and sparfloxacin. However, a unique *gyr tuberculosis* was identified in the isolates. One strain had a mutatio Additionally, 81.25% (13/16) of the strains tested had Thr at codon of *gyrA* gene have been reported in relation to drug resistance. The be useful as epidemiological information. It may be important to mos susceptibility even in developing countries for use against resistant *N* even though no fluoroquinolone resistance was observed in this stud

[PDF (86K)] [References]

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