FUTURE PROSPECT

The evolution of MDR (multi drug resistant) and other drug resistant TB has tremendously affected humankind and caused severe damage. The study has shown importance of various methodology of analysing DST (drug susceptibility test) pattern. Negligence in proper research work in relation with prevalence of TB in Northeast Region has led to darkness in DST pattern of TB. On top of this, the burden of HIV in the region must have led to variable pattern of drug resistance to TB. The co-evolution of HIV and TB is creating maximum damage in treatment of TB leading to ineffectiveness of various drugs. The study of HIV-TB co-evolution in this region would further enhance the DST pattern.

Therefore, in future, a study might be taken to find out the cause of development of MDR and XDR among the HIV patient who generally dies due to TB infection. As sputum samples of patients can be used for detection of TB infection as well as MDR and XDR TB strains, further study might be done to detect HIV infection from the sputum directly so as direct relation of development of differential drug resistant TB with HIV infection could be studied more deeply.