Analysis of epidemiology of tuberculosis in Hainan Li ethnic group

LIN Rong, LIN Feng, LI Xi, et al.
(Department of Respiratory Medicine, Affiliated Hospital of Hainan Medical College, Haikou 570102, China)

[ABSTRACT] Objective: To study the epidemiology of tuberculosis in Hainan Li ethnic group and find evidence for the control and prevention of tuberculosis in Hainan province. Methods: Case control study design was adopted. 130 defined pulmonary tuberculosis patients of Li ethnic was selected randomly in cities and counties of Hainan province where the indigenous population dominated by Li ethnic group as study group, 233 healthy people of Li ethnic in the same district was found as control group. Factors might attribute to the incidence of tuberculosis were studied. Results: Epidemiologic factors were responsible for the incidence of tuberculosis included mainly: housing condition, family income, gender, alcoholism, cigarette smoking. Conclusion: Health education of the therapy and prevention of tuberculosis should be strengthened in Li ethnic group congregated area; comprehensive measures for the therapy and prevention of tuberculosis should be employed; all people should be guided to contain the prevalence of tuberculosis.

[KEY WORDS] Pulmonary tuberculosis; Epidemiology; Li ethnic; Hainan province