

Thesis Title Factors Influencing Sputum Collection for
Detection of M.tuberculosis by Health Center
Personnel of the Provinces with Lowest and
Highest Sputum Collection Rate in the Zonal
Tuberculosis Center 2

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ABSTRACT

The aim of this study is to find out factors influencing the sputum collection for detection of M.tuberculosis by health center personnel who have experience at health center more than 5 years by comparison between the lowest and highest sputum collection rate of health center personnel in the zonal tuberculosis center 2. The data were collected from 123 personnel in the low sputum collection rate area and 91 personnel in the high sputum collection rate area by using questionnaires.

The result indicated that knowledge on tuberculosis, knowledge on sputum collection and satisfaction with sputum collection between the low sputum collection rate of health center personnel and the high one were not statistically significant different. Whereas, the compliance of tuberculosis suspected, tuberculosis control policy of administrator, training tuberculosis course and the sputum collection support were found statistically significant different between the low sputum collection rate of health center personnel and the high one ($P < 0.001$) and also supervision. ($P = 0.001$)

The compliance of tuberculosis suspected, tuberculosis control policy of administrator, training tuberculosis course, the sputum collection support and supervision were factors with influencing the sputum collection.