

**KNOWLEDGE AND PRACTICE ON MEASLES
SURVEILLANCE AND OUTBREAK RESPONSE
AMONG BASIC HEALTH STAFF IN SELECTED
TOWNSHIPS, YANGON REGION**

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ABSTRACT

A cross sectional analytical study was done by applying quantitative and qualitative assessment among 176 Basic Health Staff in HlaingTharYar, KyeeMyinDing, Twantay and NorthOkkaLapa Township, Yangon Region, The study aimed at exploring the understanding on measles disease, practice and influencing factor on surveillance and outbreak response towards basic health staff. Structured questionnaire was used for quantitative and In-depth Interview was proceeded to explore real problem or barriers facing in 2017.

Socio demographic characteristic, knowledge on measles infection, measles containing vaccine, surveillance and practice on outbreak response activity were interrogated. The result of this study indicated that there were significant association between knowledge and following factors; age distribution, education and vaccine preventable disease training. There was also association between practice on outbreak response activity and housing facility arranged by government. In addition, practice on measles surveillance and outbreak response was totally dependent on the knowledge of BHS. No evidence was found that the knowledge and practice on surveillance and outbreak response was significantly associated with designation and population covered by BHS. Frequency of training was significantly associated with knowledge on measles surveillance and outbreak response.

In qualitative assessment among eight respondents, influencing factors like difficulties in transportation, migrant issue and poor community participation was observed and the main complaint from BHS is over workload. Basic Health Staff who have received support functions of surveillance were more likely to follow best practice in surveillance and outbreak response activity rather than those who have not received.