

**ASSESSMENT OF KNOWLEDGE, ATTITUDE
AND COMPLIANCE OF MOTHERS ON
MASS MEASLES IMMUNISATION 2012
IN NORTH OKKALAPA TOWNSHIP,
YANGON REGION**

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**MASTER OF PUBLIC HEALTH
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ABSTRACT

A community based cross sectional descriptive study was conducted with the objective to describe the knowledge, attitude and compliance of mothers on measles and mass measles immunization 2012 in North Okkalapa Township, Yangon Region. It also described the socio-demographic factors of mothers and measured the knowledge and attitude level. The association of socio-demographic factors and knowledge, attitude and compliance of mass measles immunization were studied.

In this study, 125 mothers were interviewed. Most of the mothers were in the age group of between 25 and 35 years. More than half of the respondents had attained the middle educational level and the majority were dependents. Average monthly family income was mostly in the range of 100000 to 200000 kyats.

Among the mothers, 67.2% had low level of knowledge on measles and MMC program. But 54.4% had positive attitude and 68.8% had complied on MMC. There were statistically significant association between knowledge level and attitude status, knowledge and compliance on mass measles immunization in this study. But there was no association between attitude toward mass measles immunization and compliance on mass measles immunization. The knowledge on measles and mass measles immunization also associated with educational status of the mothers, (p value= 0.031) The association of educational level, monthly family income and attitude status on measles and MMC were also significant in this study.

According to the aim of MMC program is to achieve the immunization coverage more than 95% of nine months to five years children all over the country, both rural and urban. North Okkalapa Township achieved 87.9% for MMC 2012. Because of the mothers had low level of knowledge and the low measles immunization coverage in this township, health education program on severity of measles and benefits of measles vaccination should be strengthened and sustained to achieve the targeted coverage in North Okkalapa Township.