

# **Knowledge, attitude and utilization of insecticide treated bed-nets among migrants workers in Thabeikkyin Township**

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## **Abstract**

To control malaria in Myanmar, it is still a problem especially among migrant population. A cross sectional descriptive study was undertaken to assess the knowledge, attitude and utilization of insecticide treated bed-nets (ITN) among migrant workers in Thabeikkyin Township, 2014. One village was randomly selected and then respondents were randomly selected. Total 318 respondents were face interviewed with pretested semi-structured questionnaire. Written informed consent was obtained before the interview. Mean age of respondents was  $35.71 \pm 10$  years and 269 were male and 49 female respondents. The 109 respondents had attended primary school and 96 respondent middle school levels. Most of the respondents were earned 100,000 kyats per month individually. Duration of stay ranged from 1 to 15 years. Respondents who live in the study area less than 5 years of stay were 97 and between 5 to 15 years 221. Mean of family members was  $5.36 \pm 2.06$  members. Among the respondents 281 were using ITN. There were the significant association between knowledge of respondents on ITN and utilization of ITN ( $p=0.008$ ) and also significant association between attitude of respondents on ITN and utilization of ITN ( $p=0.04$ ) among ITN users. It was concluded that the knowledge and attitude of ITN user effect the utilization of ITN. This study was conducted to provide information to local health authority and health care provider for further intervention to development of knowledge, attitude and utilization of ITN and universal coverage of ITN.