

**KNOWLEDGE, ATTITUDE AND PRACTICE ON ZIKA VIRUS INFECTION AMONG THE STAFF
OF YANGON INTERNATIONAL AIRPORT**

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M.B.,B.S
2016**

ABSTRACT

This study was the cross-sectional descriptive study done among the 168 respondents from both Government (Customs, Immigration and Police) and non Government (YACL and Airlines) staff of the Yangon International Airport. The most of respondents were aged between 26- 35 years and female. All the respondents heard about the Zika virus infection and they had heard about Zika mainly from Internet and social media.

By the knowledge level, (85.7%) of the respondents had low knowledge level and (14.3%) had high knowledge level. Among the respondents, they answered Zika was transmitted by the bite of mosquitoes (92.9%), mother to child transmission (35.1%), it was due to sexual intercourse (12.5%), pregnant women were high risks for Zika (86.9%) and only (42.3%) were correctly answered that there was no vaccine available yet. And 81%, 34.5%, 9.5% responded that microcephaly, neurological complication and Guillain Barre' syndrome as the complication of Zika respectively. By the attitude level, (4.8%) of the respondents had low attitude and (95.2%) had high attitude level. They agreed that anyone could suffer from Zika (64.9%), pregnant women should aware to prevent from mosquito biting (53%) and Zika patient should take treatment at the health centers (60.1%). (53.6%) strongly disagreed to keep as a secret if they got Zika and agreed that the pregnant woman should not travel around to Zika endemic countries by (41.1%). By the practice level, all of the respondents had good practice level. (98.8%) of the respondent and their family members always slept with mosquito nets and among them, using the mosquito nets both days and night time was (61.9%). They had always cover the water source/ storage unit/ water container(s) for prevention of mosquito breeding (94%), house and environmental sanitation by (99.4%). Only (7.1%) had attended the training or advocacy meeting concerning with Zika virus infection.

The knowledge, attitude and practices level of the staff of the Yangon International Airport concerning with Zika were high in attitude and practice portion and low in knowledge portion. So, it was needed to conduct the risk communication, advocacy meeting, social mobilization, training and drill methods to increase the knowledge level regarding Zika virus infection among the community