

Relationship between Intervention of Dengue Hemorrhagic Fever Prevention toward Knowledge, Attitude, Actions and Routines Level at Mantrijeron District, Special Province Yogyakarta

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ABSTRACT

Dengue Hemorrhagic Fever (DHF) is an endemic disease caused by dengue virus brought by *Aedes aegypti* mosquito. In 2010, Mantrijeron District be the one of sub-district in Special District of Yogyakarta with the highest number of dengue cases (178 cases). Intervention as education can affect the level of knowledge, attitudes, and actions of the people to prevent dengue Hemorrhagic Fever (DHF) cases. The purpose of this study is determine relation of intervention towards level of knowledge, attitudes, practice and routines in intervention group. This study using pre post-test with control group design. The number of sample is determined by Slovin method with 10% error tolerance. The statistical test used in the study is Spearman-rho, Chi-square test and Wilcoxon test with alpha 5%. The result of this study shown at the control group and intervention group none of the relation between sosiodemographi characteristic respondent to the knowledge DBD level and no relation between knowledge with attitude, attitude with actions and routines with existence of larva with p value $>0,05$. There is relation between actions with respondent routines with p value $<0,05$. There is differences between pretest-posttest attitude, pretest-posttest actions, pretest-posttest routines at the intervention group with p value 0,012; 0,000; and 0,02 which means that intervention preventive DBD related with respondent attitude, actions, and routines. The successful indicator of Dengue prevention data show ABJ (90%), CI (4,33%), HI (10%), BI (11,67%) at the control group and ABJ value (93,54%), CI (4,91%), HI (5%), BI (5,83%) at the intervention group thus, it can be concluded that people at the control group and intervention group has done PSN-DBD action well.

Keywords : Dengue Hemorrhagic Fever (DHF), Mantrijeron District, Intervention of Prevention DBD