

ABSTRACT

Dengue Haemorrhagic Fever (DHF) is the most vulnerable disease that happen in tropical country. Incidence of DHF in Indonesia from year to year has increase continously including the district of Sleman, Yogyakarta. Factors that may affect the increasing incidence are agents, the environment, human, social and cultural.

This study's aim is to know the correlation between knowledge, behaviour, and socio-economic towards teh incidence of DHF in Godean and Sleman sub-district, district of Sleman, Yogyakarta.

This study uses observational analytic method by distributing questionnaires and using the chi-square test crosstab as statistical tests in data processing. As a respondent in the case group were heads of families whose family members have suffered from dengue and the control group is the head of the family that his family never suffered from dengue fever in the sub-district of Godean and Sleman and using a questionnaire that was filled by the respondent.

Results of statistical analysis for variable of knowledge in the Godean sub-district obtained value with the p value = 0.001 and $r = 0.413$ and for the sub-district of Sleman obtained with a value of $p = 0.000$ $r = 0.475$. Results of statistical analysis for the behavioral variables in the Godean sub-district obtained value with the p value = 0.000 and $r = 0.493$ and for the sub-district of Sleman obtained p value = 0:001 and $r = 0.408$. Results of statistical analysis for the variables education, occupation, and income in the Godean sub-district obtained p values in a row are 0.194, 0.414, and 0.375 and p-value for the sub-district of Sleman in a row that is 0.317, 0.076, and 0.401. This result means that there is a correlation between knowledge and behavior about dengue and its prevention of the incidence of dengue in the district of Sleman and Godean but there is no correlation between socio-economic (education, occupation, and income) on the incidence of dengue in the sub-district of Godean and Sleman.

There is a correlation between knowledge and behaviour about DHF and its prevention towards the incidence of DHF in Godean and Sleman sub-district but there is no correlation between socio-economic towards the incidence of DHF in Godean and Sleman sub-district.

Keyword : Dengue Haemorrhagic Fever, knowledge, behaviour, socio-economic