

ABSTRACT

*Dengue virus* Infection Patient's Profile in Rosella 1 and 2, Tropical Section, Dr. Soetomo General Hospital, Surabaya in 2015-2016

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**Objective :** This study aims to know the profile of *Dengue virus* infection patient in Dr. Soetomo General Hospital in Surabaya in 2015 to 2016.

**Method :** This is a descriptive and observational study. Sample gathered in this study were infected with *Dengue virus* and admitted to Rosella 1 and 2 Tropical Section in Dr. Soetomo General Hospital. Patient's medical records which contains complete record and contains IgG and IgM examination results were taken as sample of this study. Sample was taken with non-random sampling method. Variable of this study were patient's age, sex, education, occupation, duration of fever, address, type of infection, severity and duration of admission. The data was analyzed by descriptive means.

**Result :** we found that most of the patients were in 15-19 years old group (26,7%), female (53,3%), graduated from Senior High School (65,7%), working in private sector (36,3%) ,most of the patient were living in East Surabaya (40,7%). Most of the case have fever in 3<sup>th</sup> until 5<sup>th</sup> day, with (75,6%) of the patients having secondary infection, most of patients were classified as Grade I Dengue (51,9%) and admitted in the hospital for 3-7 days.

**Conclusion :** Most of the patients were categorized as 15-19 years old in age, the ratio between women and men is 1,1 :1, graduated from Senior High School, and working in private sector, most of having fever in 3<sup>th</sup> until 5<sup>th</sup> day. Most of the patient were living in East Surabaya. Most of the cases were secondary infection, categorized as Grade I Dengue Fever and admitted for 3 to 7 days in hospital.

Keywords : Profile, *Dengue virus*, Surabaya