ABSTRACT

Dengue fever (DBD) or Dengue Hemorrhagic Fever (DHF) is one of the infectious diseases that attracts many International and especially Indonesian attention because it impacts the people of the world. Expanded dengue syndrome (EDS) is a clinical manifestation involving organs such as the lungs, liver, kidney, heart, and brain related to dengue infections, with or not found in the sign of plasma leakage.

The purpose of this study is to determine the prevalence of expanded dengue syndrome in patients with dengue virus infection in RSUD Dr. Soetomo in 2017 – 2018. Based on its purpose, the study uses a descriptive observational design of secondary data, which is a medical record of the IVD patients who have been treated at RSUD Dr. Soetomo (2017 – 2018).

After the data collection and Anamnesis, from the 196 sample data was found only 30 samples of EDS. 30 patients expanded dengue syndrome have a manifestation of different organs. Starting from neurological, heart, respiratory system, gastro-hepatic, and the latter is the kidneys.

From the laboratory test results obtained that the most number of platelets around 51,000 – 100,000 there are 17 patients, the number of hemoglobin and hematocrit is normal. Of the total of 30 samples of IVD patients with EDS there were only 18 patients who had the serological test. The percentage of the most serological results on IgM (+/-) and IgG (+) with a 40% persantase.