

Indicators of Dengue Severity: A Transversal Study

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ABSTRACT

A hospital based clinical study was conducted in the Department of Paediatrics during 2016-2017 to understand the clinical manifestations and outcome of dengue fever. Out of 50 cases, 25 cases (50%) were diagnosed as dengue fever without warning signs, followed by 20 cases (40%) of dengue fever with warning signs, while 5 cases (10%) were diagnosed as severe dengue. Fever, petechiae and abdominal pain were common clinical manifestations. Hepatomegaly, pallor and ascites were common clinical examination findings. Thrombocytopenia was the commonest hematological abnormality (88%). Mortality in the present study was 6%. All patients who expired were in severe dengue group. Refractory shock and coagulopathy was present in 2 out of 3 cases. One child died of refractory shock with ARDS. Two children with severe dengue recovered without sequelae.