Indian Journal of Basic and Applied Medical Research; March 2015: Vol.-4, Issue- 2, P. 401-408

**Original article**

**Clinical and microbiological profile of Acute Dengue infection in teaching hospital**

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**Abstract:**

Over the past two decades, there has been global increase in the frequency of dengue fever, dengue hemorrhagic fever and its epidemics, with a concomitant increase in disease incidence. Objective: To study the clinical and microbiological profile of Dengue infection and correlating clinical and microbiological profile in children in S.V.R.R.G.G.H, Tirupati.Hospital based Prospective study included Children age group of 1-12 years presenting with fever assessed clinically, serologically and managed as for WHO protocol and will be followed for outcome. Of the 514 children tested 248(48.2%) were found to be positive for IgM antibodies to dengue by IgM capture.

**Key Words**: Denguefever; dengue hemorrhagic fever