**Original article:**

**Incidence of thrombocytosis in iron deficiency anemia in pediatric age group in rural population**

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**Abstract:**

**Introduction:** Thrombocytosis is a commonly encountered clinical scenario, with a large proportion of cases discovered incidentally. By far the most common cause of thrombocytosis in general medical populations is a reactive or secondary process. With this background in mind the present work was planned to study the incidence of thrombocytosis in pediatric age group in rural population.

**Methodology:** The study covered Children in the age group of 6 months to 12 years with thrombocytosis due to causes other than iron deficiency anemia. From EDTA blood, total and differential white cell counts were done by automated cell counter and counter checked by peripheral smear examination.

**Results :** By applying Chi-square test there is a significant association between age and thrombocytosis in the cases of IDA (p<0.05) By applying Chi-square test there is a highly significant association between anemia, sex and thrombocytosis in the cases of IDA (p<0.01)

**Conclusion:** From present study it is clearly seen association between thrombocytosis and iron deficiency anemia in pediatric age group.

**Keywords:** Thrombocytosis, iron deficiency anemia