**Frequency of Complications in Paediatric Patients Presented**

**with Enteric Fever in a Public Sector Hospital.**

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## ABSTRACT

**OBJECTIVE:** To assess the frequency of complications of enteric fever in paediatric patients in a public sector hospital.

**STUDY DESIGN:** A prospective observational study

**PLACE AND DURATION:** At Children Department, Pakistan Institute of Medical Sciences form 1st July 2016 to 31st July 2017.

**METHODOLOGY:** Children (newborns to 12 year) having positive Salmonella typhi on bacteriological culture/Typhi dot were included in study. All complications like hepatitis, perforation, bone marrow suppression, pneumonia and encephalitis were categorized according to clinical symptoms and diagnostic test reports.

**RESULTS:** Out of 65 patients, 47.69% developed complications. Mean age for disease was 6.7 ± 4.31 years with male preponderance (61.5%). Hepatitis was the most common (21.53%) complication followed by bone marrow suppression (12.3%), pneumonia (10.7%), encephalitis (6.1%) and perforation (4.6%). Rate of complication was higher (61.9%) for those not receiving any treatment (40.9%) at time of presentation than those receiving antibiotic treatment. No significant difference (OR=1.0, P-value 0.9) was found between the patients treated with ceftriaxone and quinolone.

**CONCLUSIONS:** Complications in enteric fever were found to be major health problem in children.

**KEYWORDS:** Enteric Fever, Complications, Frequency, Hepatitis, Pneumonia, Perforation, Bone Marrow Suppression, Encephalitis

**HOW TO CITE THIS:**

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