

# Observation of Liver Function Tests in Children with Acute Hepatitis

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## Observation of Liver Function Tests in Children with Acute Hepatitis

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## Abstract

**Introduction:** Hepatitis B is an infectious illness caused by hepatitis B virus (HBV) which infects the liver of hominoidea, including humans, and diagnosed by liver function tests (LFTs) and serologic tests. **Aims:** The present study was conducted to evaluate the prevalence of acute hepatitis caused by hepatitis B virus and observation of the LFTs for early diagnosis and severity of acute hepatitis. **Material and Methods:** The study was carried out on 94 children cases presenting with symptoms of acute hepatitis. Hepatitis B surface antigen (HBsAg) and Liver function tests like ALT, AST, ALP and bilirubin were tested. **Results:** HBV is responsible for 19.15% of acute hepatitis and showing a male preponderance. The elevation of ALT and AST was significant in positive cases compared to negative cases. Bilirubin and ALP values remained non-significant across the groups. **Conclusions:** the present study shows that importance of liver function tests early in the clinical course to manage the acute stage of hepatitis because rapidly worsening liver functions shows an impending acute liver failure. **Keywords:** HBV, LFTs, liver, acute hepatitis

## Reference

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