

Prevalence of Hepatitis B Virus Infection in General Population of Nagpur Region

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Abstract

The study aimed to determine the trend in Hepatitis-B virus infection in general population and to compare the prevalence with that of healthy blood donors in and around Nagpur region. The study was conducted in department of Clinical Microbiology in outdoor patients who attend the OPD and referred from surgery, medicine, obstetric and gynaecology (ANC patients) for HBsAg testing. We collected 1ml of blood sample and was tested for HBsAg status of the patients by the rapid test kit, One Step Cassette Style HBsAg Test. The prevalence of Hepatitis-B virus infection among the general population is low in Nagpur region. Sexually active age group are at high risk of HBV infection. In our study, there was no significant difference between HBsAg positive general population and healthy blood donors.