

# World Congress on Hepatitis

July 20-22, 2015 Orlando, Florida, USA

## Hepatitis B infection during pregnancy-experience at tertiary care centre of North India

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**Aim:** The aim was to investigate the seroprevalance of hepatitis B surface antigen (HbsAg) in pregnant women.

**Material & Methods:** Fifteen thousand pregnant women were evaluated using history, examination and tested for serum HbsAg using commercial enzyme immunoassay kits. For HbsAg positive women, detailed biochemical evaluation including liver function tests, ultra sonogram abdomen and complete hepatitis B profile including HbeAg, HbeAb, IgM Anti HbC and HBV DNA analysis was also done by polymerase chain reaction (PCR).

**Results:** Of 15,000 women studied, 52 tested positive for HbsAg. Of these 52 women, 8 presented with acute hepatitis and 44 had chronic hepatitis. The highest HbsAg positivity rate was seen in age group of 21-25 years. Assessment of risk factors revealed history of tattooing in 22 women. HbeAg and HBV DNA were highly positive in 12 patients. These were given tablet lamivudine to reduce the vertical transmission.

**Conclusion:** Seroprevalance of HbsAg in antenatal women was found to be 0.34%.

### Biography

Malhotra Vani is working as Professor in Department of Gynecology & Obstetrics, PGIMS, Rohtak, India. She did her MD in the years from 2000-2003 and her thesis was commended. She is working as Faculty at PGIMS, Rohtak, since 2006. She has till now fifty publications in both international and national journals. She is regularly presenting free papers, posters and chairing sessions at various national and international conferences. She is Member of Undergraduate and Postgraduate board of studies at PGIMS, Rohtak. She is working both as Guide and Co-guide in many research projects. She is also supervising many national projects initiated at Gynecology & Obstetrics Department of PGIMS, Rohtak, India.

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