

Hepatitis virus non-A, non-B: the cause of a major public health ...

<https://www.ncbi.nlm.nih.gov/pubmed/2419003>

PMID: 2419003, PMCID: PMC2536439 [Indexed for MEDLINE]

Cited in:

Bull World Health Organ. 1985; 63(5): 931–934.

Hepatitis virus non-A, non-B: the cause of a major public health problem in India

B. N. Tandon¹, B. M. Gandhi², Y. K. Joshi³, M. Irshad⁴, and H. Gupta⁵

¹Professor and Head, Department of Gastroenterology and Human Nutrition, All-India Institute of Medical Sciences, Ansari Nagar, New Delhi-110029 India. Requests for reprints should be sent to this author. ²Senior Biochemist, Department of Gastroenterology. ³Senior Research Officer, Department of Gastroenterology. ⁴Biochemist, Human Nutrition Unit. ⁵Research Officer, Department of Gastroenterology

Abstract

Serological studies of hepatitis viruses A and B were carried out on 362 patients with acute viral hepatitis, 130 with fulminant hepatitis, and 56 with subacute hepatitis, and on samples of serum from 230 subjects during epidemics of viral hepatitis. A diagnosis of non-A, non-B viral hepatitis was made when serological tests showed that anti-HAV IgM and anti-HBc IgM were absent. Hepatitis virus non-A, non-B was the causative agent responsible for 58% of cases with acute viral hepatitis, 58% with fulminant hepatitis, 87% with subacute hepatitis, and 66% with epidemic hepatitis. A considerable proportion of patients (6-32%) were infected with both hepatitis virus non-A, non-B and hepatitis virus B. Viral hepatitis non-A, non-B is probably transmitted by infection of drinking-water and is the principal cause of hepatitis in India.

Referenced

Tandon BN, Nayak NC, Tandon HD, Bijlani L, Joshi YK, Gandhi BM, Madanagopalan N, Panchanadam M, Bose SL, Mishra G. Acute viral hepatitis with bridging necrosis. Collaborative study on chronic hepatitis. *Liver*. 1983 Jun;3(3):140–146.

Gandhi BM, Tandon BN. A low cost micro-ELISA test for hepatitis-B surface antigen. *Trop Gastroenterol*. 1984 Jul-Sep;5(3):142–148.

Tandon BN, Gandhi BM, Joshi YK. Etiological spectrum of viral hepatitis and prevalence of markers of hepatitis A and B virus infection in north India. *Bull World Health Organ*. 1984;62(1):67–73.

Joshi YK, Babu S, Sarin S, Tandon BN, Gandhi BM, Chaturvedi VC. Immunoprophylaxis of epidemic non-A non-B hepatitis. *Indian J Med Res*. 1985 Jan;81:18–19.

Tandon, B.N., Joshi, Y.K., Jain, S.K., Gandhi, B.M., Mathiesen, L.R., Tandon, H.D. An epidemic of non-A, non-B hepatitis in North India. *Indian J Med Res.* 1982;75:739–744.