

DETECTION OF NON - A NON - B HEPATITIS BY AGAR GEL DIFFUSION TECHNIQUE.

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Eighty two serum samples from patients with acute viral hepatitis found negative to HBs Ag (Auszyme, Abbot laboratories, U A), anti - HBS Ag (Aus-ab, Abbot laboratories) and negative to IgM anti HAV (ELISA technique) and 17 serum samples from normal healthy controls were tested for the presence of antigen antibody system of non - A, non - B hepatitis by modified immunoelectro-diffusion technique. The reference antigen and the reference antibody and the reference antibody for the test was detected by counter immunoelectrophoresis technique. Acute, phase sera was tested against convalescent sera from the same patients and from different patients with non - A, non - B hepatitis. Only the samples strongly reactive as judged by a clear precipitin line were used as reference reagents for subsequent screening with immunodiffusion technique.

All the 17 samples from healthy controls were found nonreactive. These samples were also tested to be negative for HBS Ag and anti HBS Ag. 34 and 13 samples of the 82 samples from acute viral hepatitis were found to be reactive for antibody and antigen to non - A non - B respectively where as non-reactive samples (35) were referred to be of unknown identity.

Antigen was found to be positive even after 16 weeks of onset of Jaundice and antibody was found to be positive even after 30 weeks of onset of Jaundice.

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COMPARATIVE TRIAL OF G. O. 10213/METRONIDAZOLE IN AMOEBIC LIVER ABSCESS.

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Comparative, single blind, randomised trial on adult patients with amoebic liver abscess confirmed by aspiration and supported by evidence of ultra sound fluoroscopy, Chest X - ray, liver function tests and haemograms were treated with Metronidazole 400mg. thrice daily for 10 days or C. O. 10214 150mg. thrice daily for 10 days.

G. O 10213 is a nitromadazole derivative, having antiamoebic, anti-trichomonas, anti-giardia and antibacterial activity against anaerobes.