

SUMMARY

Immunisation against hepatitis B virus infection of high risk hospital employee

Sera of 170 high risk hospital employee of Gevher Nesibe Hospital of Erciyes University were screened by ELISA for serological markers of HBV including HBsAg, Anti-HBc and Anti-HBs, and if neither were present, were offered the HBV vaccine.

Susceptible to HBV 25 personnel were vaccinated with plasma derived (Hevac-B, Pasteur vaccines) and 19 subjects vaccinated with a yeast-derived (Engerix-B, Smithkline biologicals) vaccine. It was not seen any vaccine complication. The vaccination schedule consisted of four times each 5 mcg dose of plasma-derived vaccine and three times each 20 mcg dose of yeast-derived vaccine administered intramuscularly in the deltoid region: at months 0, 1st, 2nd and 12th; 0, 1st and 6th respectively. Blood samples were taken a month after from the each injection for determination of Anti-HBs and antibody levels. Anti-HBs levels were found in most often first injection followed-up. The vaccine was induced Anti-HBs