

## Infeksi Hepatitis B Virus Masalah Penyakit Jabatan Masalah Kesehatan Masyarakat

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### Abstrak

The frequencies of HBsAg and Anti-HBs among medical/paramedical personnel were compared with that of control group. The health care personnels numbered 515 persons who were taken from the medical and paramedical staffs of the Dept. Medicine, Dept. Obstetry & Gynaecology, Dept. Dentistry, Dept. Pathology, and Blood Transfusion Service from Cipto Mangunkusumo General Hospital and the Indonesian Red Cross, Jakarta Branch respectively. The control group consisted of 503 non medical personnels who conscripted to give blood as a pre-requisite to obtaining driving license at Jakarta Metropolitan Polioe Headquarter., and who donated their blood to the Indonesian Red Cross for other reasons. None of the control group were neither classified as paid donors nor regular donors. By using RPHA and PHA methods, reconfirmed by staffs of Tokyo Metropolitan Institute of Medical Science, the frequencies of HBsAg and Anti-HBs among the study and the control groups were found 3,1 % , and 49,1 % (study group), and 2,8 % and 42,5 % (control group) respectively. The frequency of anti-HBs from the study group differ significantly with the frequency of Anti-HBs from the control group. One respondent contracted double HBV infection, possibly from two different subtypes.