An investigation on the carrier rate of hepatitis B virus in university students.

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[ABSTRACT] Objective: To investigate the rate of HBsAg carrier of college students and the dynamic change of the rate during the college period. And to provide the theoretical basis for the prevention against hepatitis B virus (HBV) of college students. Methods: A survey including the physical examination of new students and graduate students was conducted to all students of grade 2000 in a university. HBsAg was tested by enzyme linked immunity sorbed assay (ELISA). SPSS13. 0 was used for statistic analysis. Results: A total of 6244 students participated, and the rate of HBsAg carrier of new students was 5.7% (358/6244). There were no difference between the gender, speciality and district in the new students. But in the graduate students, the rate of HBsAg carrier of medical students was significantly higher than that of other speciality students. And the rate of male was significantly higher than that of female. There were 26 becoming negative among 358 HBsAg carrier (7.3%). Conclusion: College students maybe affected by HBV during college period. They are the important population of HBV prevetion that should not be neglected.

[KEY WORDS] Hepatitis B Virus; College student, HBsAg Carrier