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**Congress:** The First International & 4th National Congress on health Education & Promotion, 2011

**Title:** Knowledge and behavioral intentions for Hepatitis B among students of universities in Yazd (IRAN)

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**Abstract:**

**Introduction**
Hepatitis is one of important problem in the world. More than one million of people are carriers of hepatitis and about 100000-150000 have acute diseases. This disease is cause of more than 5000 death yearly. The prevalence of this disease is middle in Iran. Some studies showed that the most method for it’s transmission is from mothers to neonates. The aim of this study was to determine the knowledge and behavior intention of students of Yazd Universities about hepatitis B.

**Materials and Methods**
This was a descriptive analytical study (cross – sectional) that was done in the Yazd Universities. The samples were 1135 students of Yazd Universities (Medical and Nonmedical Universities). Data were collected by a questionnaire which consisted of 3 sections. The first section was demographic questions and section 2 questions of knowledge that was 8 and range of its' scores was 0-16 and section 3 was questions of behavior intention that was 4 and range of its’ scores was 5-20.

The reliability and validity of questionnaire was calculated by α keronbakh, knowledge (α=.84) and behavior intention (α=.73). The data were analyzed by SPSS software and T-test and ANOVA.

**Result**
The samples were 552 students of medical university and 583 of nonmedical universities. The mean grade scores of knowledge of mail students about hepatitis B was 8.98±3.55 of 16, and for female students was 9.99±3.57. There was significant difference between the knowledge and sex of students with p<0.001. The mean grade scores of behavior intention of students of medical university was 17.06±2.42 out of 20 and for students of nonmedical was 7.83±1.66. There was significant difference between the behavior intention of students and their universities.

**Discussion**
The data of this study and other studies in this field showed that knowledge and intention behavior is a factor that obliges the students to go for vaccinating the hepatitis B and prevent it.

**Kay word:** knowledge, behavior intention, Hepatitis B.

**Presentation:** Poster