

## **Effects of an Educational Program on Nurses Knowledge and Practice Related to Hepatitis-B: Pre-Experimental Design**

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**Abstract :** Hepatitis-B is the major infectious disease of mankind. In Nepal it is reported that more than 4.3% of Nepalese population at any time in their life has been infected with Hepatitis-B virus (HBV). The objective of this study was to evaluate the effectiveness of planned educational programme regarding knowledge and practice of hepatitis-B among the nurses working at medical units of BPKIHS. Pre-experimental research design was used to conduct the study among the nurses working in medical units of BPKIHS. Total 40 nurses were included in the pre-test and 34 in the post-test. The education intervention was arranged on 24th May 2012 from 2:15 pm to 4:45 pm i.e. two and half hours. After two weeks of education intervention post-test was conducted. Most of the participants (60%) were of the age group of 18-22 years, Hindu (82.5%), and unmarried (65%). After education intervention there is significant differences in knowledge on the components of Hepatitis-B at 0.05 level of significance. There is no difference in the attitude components after post-test except the component patient contaminated with Hepatitis-B must be called as the last patient ( $p=0.035$ ). It can conclude that hepatitis-B educational program improved knowledge and practice among the nurses.

**Keywords :** educational program, Hepatitis-B, pre-experimental design, medical units

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