

## **NEW CONTRIBUTIONS OF THE DISSERTATION**

Dissertation title: “Prevalence of hepatitis B virus infection among adults aged 20-60 years old and effectiveness of some interventions in mountainous and coastal areas of Quang Binh province”.

Major: Sociological Hygiene and Health Organization

Code: 62 72 01 64

PhD Candidate: Nguyen Duc Cuong

Supervisors :       1. Assoc. Prof. Dr. Vu Phong Tuc  
                          2. Assoc. Prof. Dr. Tran Nhu Duong

Institution: Thai Binh University of Medicine and Pharmacy.

New contributions of the dissertation:

1. The topic has described the current situation of hepatitis B virus infection in adults aged 20-60 in 2 mountainous and coastal communes of Quang Binh province at 7.9%. This result contributes to the epidemiological picture of hepatitis B virus infection in Vietnam as well as in the world. At the same time, it shows that some related factors of HBV infection status in this subject are age group, education and tattooing behavior.

2. The results of the study showed that the current state of knowledge and correct practice of the study subjects on preventing hepatitis B virus infection is quite low. Only 38.2% of adults aged 20-60 have ever had access to information about HBV; 85.7% of the subjects knew that the causative agent was a virus; 65.0% of the subjects knew all the transmission routes of the disease; 59.1% of subjects fully knew about subjects at high risk of disease; 58.9% of the subjects knew all about infection prevention measures.

3. The results of the study also showed the effectiveness of a number of intervention measures to improve knowledge and practice to prevent HBV infection in adults. The rate of access to information about HBV increased from 39.3% before intervention to 90.2% after intervention in the intervention group and 37.1% to 40.9% in the control group. There is a statistically significant difference between before and after intervention in the intervention group and between the two groups after intervention.

**SUPERVISOR**

**PhD Candidate**

**Assoc.Prof. Dr. Vu Phong Tuc**

**Nguyen Duc Cuong**