

POSTER PRESENTATION

Open Access

# Epidemiology of hepatitis B in Tunisia: retrospective study in 198157 blood donors in military environment

MT Khoufi\*, A Mrabet, B Nsiri, MN Ebdelli, M Yedeas

From International Symposium HIV and Emerging Infectious Diseases 2014  
Marseille, France. 21-23 May 2013

## Introduction

Hepatitis B is endemic in Tunisia. His prevalence was evaluated at 5.5% in 1990. The aim of this study is to estimate the prevalence of this disease in the last years in Tunisia.

## Methods

it was a retrospective study about all the blood donors in the Military Center of Blood Transfusion between 2000 and 2011.

The Ag HBs was systematic for every blood donation, by immuno-enzymatic reaction.

## Results

In this period, 198157 blood donors were compiled. These donors were, for 95%, young men, between 20 and 25 years, from all the parts of the country.

This study showed:

- A net decrease in prevalence of hepatitis B in 12 years: from 3.54% in 2000 to 0.8% in 2011.
- A regional disparity of this prevalence.
- No identification of a population at risk.
- The improvement of hygiene and the use of disposable syringes in hospitals can explain this decrease of the prevalence; HVB vaccination began in 1995 and didn't affect the sample of the study.

## Conclusion

Hepatitis B is still a public health problem in Tunisia. Vaccination and better socio-economic condition will lead in short term to the decrease of the HVB prevalence, started since the 90's.

Published: 23 May 2014

General Direction of military health, Tunis, Tunisia

doi:10.1186/1471-2334-14-S2-P16

**Cite this article as:** Khoufi et al.: Epidemiology of hepatitis B in Tunisia: retrospective study in 198157 blood donors in military environment. *BMC Infectious Diseases* 2014 **14**(Suppl 2):P16.

**Submit your next manuscript to BioMed Central and take full advantage of:**

- Convenient online submission
- Thorough peer review
- No space constraints or color figure charges
- Immediate publication on acceptance
- Inclusion in PubMed, CAS, Scopus and Google Scholar
- Research which is freely available for redistribution

Submit your manuscript at  
[www.biomedcentral.com/submit](http://www.biomedcentral.com/submit)

 **BioMed Central**