

POSTER PRESENTATION

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P313: Prehospital care: analysis of serological status and vaccination coverage for Hepatitis B on injured workers

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Introduction

Immunization of health professionals is critical to the prevention of various diseases and is one of the factors associated with reduced mortality from these diseases.

Objectives

The aim was to determine the prevalence of accidents involving exposure to biological material and the vaccinal and serological situation for Hepatitis B and the immunization against tetanus and diphtheria of injured professionals of the mobile emergency medical services of the State of Minas Gerais.

Methods

An epidemiological study with a cross-sectional design was carried out, involving professionals from the Emergency Medical Services in the State of Minas Gerais. Data were collected between December 2011 and July 2012, using a structured questionnaire, and then typed and analyzed in SPSS statistical software, version 18.0. Characterization of population, vaccination coverage for tetanus, diphtheria, Hepatitis B and serological status for Hepatitis B was verified through calculation of absolute and relative frequencies.

Results

The prevalence of accidents involving biological material was 17.0% (83/487). Vaccinal coverage for Hepatitis B, among injured professionals was 96.5%, of whom 66.1% confirmed that they had had three doses of this immunization, 41.9% confirmed that they had done the anti-HB test, with 25.7% stating that they were reactive, 9.8% non-reactive, and 64.5% stating that they did not know. The

vaccinal coverage for tetanus and diphtheria reached 96.3% with 75.8% informing that the last reinforcing dose had been administered less than ten years previously.

Conclusion

Based on these results, it is suggested that workplaces evaluated promote an adequate vaccination coverage and monitoring of vaccination and serological status of these workers.

Disclosure of interest

None declared.

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