

POSTER PRESENTATION

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P310: The blood accidents exposure (aes) in principal hospital dakar (hpd): about 152 cases collected in 12 years

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Introduction

Blood exposure accidents (BEA) are a risk to all personnel of the health services. Today, support for BEA is well codified. In Senegal, a strategy implemented by ISAARV provides rapid and optimized response to these accidents, in order to reduce the risk of HIV seroconversion.

Objectives

- Specify frequency, circumstances and place of occurrence of BEA among staff,
- Highlight the attitudes and practices of personnel during blood exposure situations,
- Evaluate the management of these accidents.

Methods

Retrospective study of all cases reported to the BEA Principal Hospital in Dakar during the period January 2001 - December 2012. Reporting cases of BEA was made in a register in health service staff with collection of a declaration. Declaration forms of all cases were compiled and analyzed in Epi Info version 6.4.

Results

One hundred and fifty two (152) cases of BSE have been reported and were taken care of. All personal health services were concerned with a predominance of nurses (44.1%). More than half (59.6%) were vaccinated against hepatitis B at the time of the accident. Needlestick injuries were the most frequently encountered accidents (86.5%) followed by the taking of samples (44.1%) or the placement of infusions (22%). Only 55.9% of the victims were wearing gloves at the time of the accident. After the accident, 49.2% of victims washed their hands and

used disinfectants recommended in case of BEA. The source patient was identified in 78% of cases, with 15 cases of HIV positive patients. In the evaluation, 88.1% were intermediate risk of BEA. Chemoprophylaxis was introduced in 84.7% of cases, treatment did not exceed 2 days except for 13 of the 15 victims of BEA whose source patients were HIV positive at the time of the accident. No seroconversions were noted.

Conclusion

This study has made it possible to make recommendations for effective prevention of the BEA, in a broader context of risk management and safety at work.

Disclosure of interest

None declared.

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