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## Nursing staff and exposure to body fluids, Hospital Esmeraldas Sur Ecuador 2017

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For health professionals, the risk of exposure to body fluids potentially contaminated by pathogenic germs is still the most frequent and the greatest of avoidable labor risks. Nurses have a higher risk of occupational exposure, because professional practice involves high handling of sharp-cutting elements and potentially infectious organic liquids. The objective of the study was to establish the risk of exposure to body fluids in nursing personnel. The research has a qualitative and non-experimental design of observational, analytical, descriptive and transversal type. The data collected through a survey and an observation guide were recorded in a Microsoft Excel database for tabulation and respective analysis. The results indicate a satisfactory knowledge of the biosafety norms, 56.9% refer to be immunized against hepatitis B, in the last three years the professionals reported having presented exposures to HIV, HBV and pulmonary TB. During the study it was observed that 57.5% does not evaluate any biological risk, as well as a 57.5% deficit in the use of personal protection

equipment. There were 56.7% risk exposures, involving the presence of blood in 24.1% and trauma to the sharpshooter as the most frequent accident. In addition, only 9.2% made the corresponding notification. Training strategies aimed at improving the perception and evaluation of risk due to exposure to body fluids should be considered, as well as measures aimed at their prevention and post exposure to biological risk.

### Speaker Biography

Rocio Elizabeth Castillo Andrade obtains the Degree in Nursing at the Technical University of North Ibarra Ecuador, and of Magister in Teaching University and Educational Investigation, National University of Loja; Has worked as: Nurse in the Hospital San Vicente de Paúl de Ibarra. Professor of the Nursing Career at the Technical University of the North, she has served as Deputy Dean of the Faculty of Health Sciences of the Universidad Técnica del Norte. She currently serves as Dean of the Faculty of Health Sciences of the Universidad Técnica del Norte.

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