

POSTER PRESENTATION

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P271: Knowledge of infection prevention and control during pregnancy in local health facilities in Bujumbura

R Paul-Claudel

From 2nd International Conference on Prevention and Infection Control (ICPIC 2013)
Geneva, Switzerland. 25-28 June 2013

Introduction

Nosocomial infection is a constant concern in the obstetric and surgical practice in both developing countries than in developed countries.

Objectives

To assess knowledge, attitudes and practices of the staff of maternity services in the prevention of nosocomial infection in three community health centers in Bujumbura.

Methods

A qualitative survey was conducted using a standardized questionnaire over 2 months with 76 health workers from three maternity wards of health facilities in the vicinity of all categories. Data collection consisted of two parts: first assessment of knowledge through a questionnaire and also the observation of attitudes and practices of personal hygiene.

Results

It was noted: In knowledge: Knowledge of the exact definition of nosocomial infection: 75% (doctors), modes of transmission of infection (manu-portage): 50%, hygiene protocols: 25%, and procedures decontamination of contaminated equipment: 16%. At the observation of practices:

Compliance with hand washing before and after childbirth: 50% Use of alcohol-based solutions: 20%, anti-quoted equipment sterilization: 80% Compliance with the sterilization of equipment: 25% Circulation in delivery rooms disorganized: 100%, perceived risk of blood contamination (uterus): 75%, biomedical waste collected and decontaminated evil: 80%, existence of incinerators:

33.3% and participation in training in personal hygiene: 50%.

Conclusion

There is a high risk of infectious contamination in maternity services studied for both the staff and for parturient and their newborns.

Competing interests

None declared.

Published: 20 June 2013

doi:10.1186/2047-2994-2-S1-P271

Cite this article as: Paul-Claudel: P271: Knowledge of infection prevention and control during pregnancy in local health facilities in Bujumbura. *Antimicrobial Resistance and Infection Control* 2013 2(Suppl 1):P271.

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Directeur de l'Offre et de la demande de soins, Bujumbura, Burundi