

POSTER PRESENTATION

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P275: Prevention of healthcare-associated infections associated with care: results of the neonatal service audit in Beni-Messous university hospital Algiers in 2012

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Introduction

The prevention of the risk of contamination of the newborn environment requires strict organization of care.

Objectives

Evaluate adherence and compliance to maintenance of incubators and adherence to hand hygiene (HH) and good practices related to the installation of peripheral venous catheters (PVCs).

Methods

The audit took place from 1 to 31 March 2012 in the neonatology unit by questioning and observing the paramedical personnel.

Results

The unit has 35 beds (20 incubators and 15 bassinets), the 20 caregivers were audited, 70% nursery and 20% of graduated nurses.

Daily cleaning of the inside of the incubator was made in 80% of cases, the disinfectant spray was used in 25%. Cleaning the outside of the incubator was performed with water in 81.6%. Of 105 treatments performed, the HH compliance rate before and after the procedure is 62.8%. Adequacy in both opportunity and type of HH was found in 54.3%. When installing a PVC, the cleaning phase was observed in 15% of cases, with no rinsing or drying. No healthcare worker respected the time need for antiseptic drying. Sterile gauzes are used in

55% of cases. Gloves were used for the placement of a PVC in 20%.

Conclusion

The risk of infection related to the maintenance procedures of incubators and gestures of care for the newborn is identified; it could be avoided by the application of appropriate and validated procedures.

Competing interests

None declared.

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