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Infection control among the health care workers to decrease transmission of acute upper respiratory tract infections in outpatient clinics

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Background: Acute upper respiratory tract infections (AURTI) can spread rapidly among health care personnel in health care settings, particularly for immune compromised persons. In this study we evaluate infection control measures guidelines. Infection control programs in skilled nursing facilities should address: surveillance for infections and antimicrobial resistance, outbreak investigation and control plan for epidemics, isolation precautions, hand hygiene, staff education, immunizations, tuberculin testing, and infection control policies to prevent specific infections.

Methods: Our study conducted on 80 Health care workers in outpatient clinics which divided into two groups' doctors and paramedical (nurses, workers, employees in clinics) age 20-55years, study method by questionnaire about guidelines of infection control, laboratory and radiology screening.

Results: we found 70% insufficient infection control auditors, 50% standard precautions of infection control measures inadequate and 20% of asymptomatic of AURTI among workers and employees in clinic especially hand hygiene technique insufficient among health care workers. Some of the nurses did not follow infection-control procedures fully.

Conclusions: Infection control interventions should be implemented in outpatient, as well as inpatient, settings to reduce transmission among health care workers and limit progression of AURT infections outbreaks. The healthcare worker, need to be provided education to support patient safety and minimize risk for infection. Infection prevention and control, care should be taken to provide comprehensive infection control measures including contact control, hand hygiene, personal protective equipment, disinfection, and environmental cleaning.

Biography

Badrelsabah Bendery: ENT specialist MSCH zagazig university, auditor certificate, utilization management, Fellowship in hospital management, work in health insurance Egypt, work now in KSA CLIC doing this study to evaluate importance of infection control guidelines in decrease ACURTI

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