Investigating the incidence of nosocomial infections in the NICU department of Mashhad University of Medical Sciences in 1395

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Introduction: Hospital infections are one of the common complications in hospitalized patients, especially in patients in the wards. Infant infections in NICU are inevitable due to low birth weight, premature and infantile underlying conditions. The purpose of this study was to evaluate the status of nosocomial infections in NICU in hospitals affiliated to Mashhad University of Medical Sciences in 1395.

Materials and Methods: This is a retrospective descriptive study in which all patients with NICU hospital infection in the program hospitals were enrolled and analyzed according to INIS software.

Results: In the year 1395, out of a total of 3,589 cases of nosocomial infection, 273 (7.6%) cases of NICU were infectious. The incidence of infection was 3.2% in the NICU section of the hospital. 16% of cases of respiratory infection, 4% of urinary tract infections, 65% of blood infections, 0.5% of surgical infections and 14.5% of other infections have been diagnosed. The number of reported deaths in NICU hospital infections was 10 cases.

Conclusion: Given the high frequency of interventions in patients with nosocomial infections, these measures should be used in certain circumstances and in the least. Also, full hygiene should be taught to the staff and medical staff of the departments.