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"The incidence of neonatal septicemia and rate of resistance to antibiotics in Hamadan "

"Yousefi Mashouf R "

Abstract:

Neonatal septicemia is a common cause of infant mortality in developing countries. In a descriptive-sectional study we cultured blood specimens of 620 newborns with a suspected diagnosis of septicemia. The isolated germs were treated for antibiotic sensitivity in agar plates. 16.8% of 104 cultures showed growth of bacteria. The isolated germs consisted of pseudomonas 26.9%, klebsiella 25%, staphylococcus aureus 14.4%, Escherichia coli 13.5%, staphylococcus epidermidis 7.7% and miscellaneous 9.6%. Low birth weight infant were most endangered cases. Gram negative and gram-positive bacteria showed highest sensitivity to ciprofloxacin and ceftizoxime respectively.

Keywords:

Neonatal septicemia

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