

Study of Preterm Infant'S Early and Follow Up Outcomes at Ardabil Boali Hospital in 2016

Abstract

Background & objective: The outcomes of preterm birth are among the main and direct causes of newborn mortality. Therefore the present research aims to investigate some relations between risk factors and outcomes of preterm birth.

Methods: This cross-sectional study was conducted on 73 preterm babies at Ardabil's Boali hospital in 2016. The questionnaires were completed through infant's examination and perused hospital files. Then data were analyzed by spss.v.16.

Results: The rate of mortality was 21.2 and the rate of developmental disorder was 26.2. The most prevalent of preterm infant's problems were RDS and ICTER in order. There was a significant opposite relation between GA and birth weight with mortality ($p<0.05$) & developmental disorders rate ($p<0.05$). But this relation wasn't significant about sex with mortality rate. Also there was a significant relation between developmental disorders with RDS, age in 6 months, weight in 6 months and head round in 6 months.

Conclusion: Preterm infants are in risk for developmental disorders and death more than term infants so they should be focused increasingly.

Key words: Preterm birth, mortality, developmental disorder