

عنوان مقاله:

Disease Outcome and Associated Factors among Neonates Admitted to Neonatal Intensive Care Unit at Jimma University Medical Center, Jimma, Southwest Ethiopia

محل انتشار:

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خلاصه مقاله:

Background: Neonatal period is a susceptible time in which the newborn has to adapt to a new environment and is vulnerable to many problems. This study aimed to assess the disease outcome and associated factors among neonates. **Methods:** This retrospective cross-sectional study was conducted from March 15, 2018, to March 30, 2018, on neonates (n=341) admitted to the Neonatal Intensive Care Unit for two years. The systematic sampling technique was employed to perform the sampling. The data were entered the Epi-data (version 3.1) and analyzed in SPSS software (version 23). A p-value less than 0.05 at a 95% confidence interval (CI) was considered statistically significant. Finally, statements, tables, charts, and graphs were used for data presentation. **Results:** Regarding the outcome, 81.52% of the admitted neonates were improved and the others (18.48%) died. Prematurity and perinatal asphyxia (PNA) were factors associated with increased risk of death ($P < 0.001$, Adjusted Odds Ratio (AOR) = 0.26, 95% CI: [0.14, 0.46]) and ($P < 0.05$, AOR=0.44, 95% CI: [0.21, 0.91]), respectively. **Conclusion:** Prematurity, PNA, and place of delivery (i.e., outborn) were predictors of death. Therefore, the adequate resource should be put in place to improve neonatal outcomes.

کلمات کلیدی:

Association, neonate, Neonatal Intensive Care Unit, Outcome

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