

Determining factors on Neonatal Sepsis

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Abstract

This study mainly focuses on healthcare progresses and determinant factors observed by a neonatal nursing practitioner on Neonatal sepsis in Ethiopia. Sepsis remains a major cause of morbidity and mortality among neonates. The risk factors and clinical outcomes of sepsis are poorly understood. Most cases of sepsis occurred mostly within the first week of newborns life related to prenatal risk factors. Late onset sepsis is related to hospital acquired infections which is seen after seven days of age. The purpose of this study was to assess clinical outcome and risk factors of neonatal sepsis in Menelik II Hospital Addis ababa , Ethiopia. Results Among the total 225 neonatal charts reviewed; 164 (72.9%) were age less than or equal to 7 days, and 144 (64%) were males. About 29 (12.9%) neonates were with irregular respiratory signs and 40 (17.8%) had meconium aspiration syndrome. Regarding the clinical outcome of neonatal sepsis: 189 (84%) were improved after treatment, 9 (4%) were died and 13 (5.8%) referred to other organizations for further treatment. Respiratory distress syndrome and meconium aspiration syndrome were the determinant factors for poor outcome of neonatal sepsis in Menelik II Hospital and results were not satisfactory. The significant risk factors for poor outcome of neonatal sepsis were respiratory distress syndrome and meconium aspiration syndrom. Immuno deficiency and other infectious disesses has also a significant role. Recommendations to improve neonatal outcome are: performing essential newborn care for all newborns and arranging appropriate follow up until the end of neonatal period, increasing antenatal care and early detection and management of neonatal infections or problems as well as the installment of latest neonatal care equipments.

Biography:

Amanuel Edosa Hambisa have completed my first diploma in clinical nursing at the age of 21 years from omega medical college and midwifery diploma from menelik II health science college and also my B.S.C in neonatal health nursing from kotebe metropolitan university menelik II Health and medical science college . currently working for a Government run hospital named Yekatit 12 as a neonatal nurse for 2 years.

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