

Neonate Screening Test among Childbearing Mother Knowledge and Attitude

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ABSTRACT

Many biochemical tests are done through Newborn screening (NBS) in the first few hours or days of postpartum life. The main objective of these is the early identification of metabolic, genetic, or endocrine conditions in affected neonates. Prompt intervention can reduce morbidity, mortality, and associated disabilities that may appear later in life in undiagnosed and untreated cases so early detection is critical because. In comprehensive NBS programs biochemical testing concedes a key component of it, which includes examination and education, follow-up, diagnosis, treatment, management, and evaluation.

Aims of the study: This study was conducted to evaluate of Mothers' attitudes and knowledge for newborn screening in Thi-Qar.

Material and methods: The current study is a cross-sectional study in the city of Nasiriyah. Samples were collected from Muhammad Al-Mousawi Hospital and Bint Al-Huda Hospital in Nasiriyah city, about 100 samples during the period between 2 and 3 of 2022. The samples were collected randomly and their number was (100), distributed over the age group of mothers (18 - > 35 years).

Result: The result show that the agree answers were (4%), while the neutral answers were (77.8%) and the disagree answers were (18.2%). And, the true answers were (51.5%), while the false answers were (48.5%)

Conclusions: Antenatal examinations may increase knowledge and awareness of newborn screening but do not appear to influence the situation. It can be an effective way where health care providers can inform the mother about the process and purpose of this life-saving procedure. Better integration of government policy and information dissemination by health care providers should be a priority to improve mothers' understanding of newborn screening.

Keywords: Screening Test, Childbearing, Knowledge, Attitude

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