

10th World Summit on Neonatal Nursing and Health Care

August 13-14, 2024 | Rome, Italy (Hybrid Event)

Enhancing neonatal jaundice management: Leveraging collaborative practices among nurses and multidisciplinary healthcare teams

Adeyinka Nifemi Oluwaseun

University of Jos, Nigeria

Neonatal jaundice remains a significant concern in newborn care, affecting millions of infants globally each year. This presentation explores the imperative of a collaborative strategy involving neonatal nurses and multidisciplinary healthcare providers in mitigating the adverse effects of neonatal jaundice. Despite a growing knowledge and attitude of nurses and other multidisciplinary Healthcare teams towards neonatal jaundice, researchers largely neglect the importance of their collaborative effort towards effective management and mitigation of Neonatal jaundice. This presentation elucidate the importance of teamwork and interdisciplinary communication in optimizing neonatal outcomes and reducing the incidence of complications associated with jaundice in newborns.

A systematic search was conducted across multiple electronic databases, including PubMed, Scopus, EMBASE, Cumulative Index to Nursing and Allied Health Literature (CINAHL), WHO Library Database, African Index Medicus, African Journals Online, and local journals. This search utilized a combination of Medical Subject Headings (MeSH) terms and keywords related to neonatal jaundice management, collaboration, nursing, and multidisciplinary teams and was limited to articles published within the last 10 years to ensure currency.

Our investigation revealed that jaundiced neonates nursed with collaborative efforts and effective teamwork involving nurses and various multidisciplinary healthcare professionals, such as but not limited to midwives, pediatricians,

neonatologists, obstetricians, dermatologists, nutritionists, experienced shorter jaundice regression and hospitalization times, as well as higher treatment efficacy compared to neonates cared for without such coordinated efforts. Specifically, neonates receiving care through synergistic teamwork showed a significant reduction in jaundice index after three days, and their overall treatment efficacy surpassed that of neonates solely under nursing care. Our findings underscore the importance of an interprofessional team approach for optimal outcomes. This study reveals that achieving optimal results in the treatment and prevention of neonatal jaundice necessitates a synergistic effort from nurses and other multidisciplinary healthcare teams. The complexity and specialized nature of treatment render reliance on a single discipline insufficient for achieving optimal outcomes.

Biography

Nifemi is a dedicated healthcare professional with a passion for maternal and neonatal care. She holds a Bachelor's degree in Nursing from the University of Jos, Plateau State, and is registered as both a Registered Nurse and a Registered Midwife. With a wealth of experience in neonatal intensive care units. In addition to her nursing and midwifery qualifications, Nifemi is a certified caregiver, equipped with the skills and knowledge to provide compassionate support to individuals in need. She is also a certified Disaster Management Officer, prepared to respond effectively to emergencies and crises in healthcare settings. Nifemi's dedication to communication accessibility is evident through her proficiency as a sign language interpreter, with over 8 years of experience bridging communication gaps for individuals with hearing impairments. Her commitment to inclusivity extends to her role as a United Nations volunteer.