



# IMPACT OF A NURSE TRAINING PROGRAM ON NEONATAL OUTCOMES IN KILUNGU SUBCOUNTY HOSPITAL, MAKUENI COUNTY, KENYA.



## Problem Identified

Neonatal fatality rate in new-born units (NBUs) in Kenya is high and variable across hospitals and birth weight categories. The Kenya Demographic and Health Survey (KDHS 2022) reported a rate of 21 deaths per 1,000 births. **In Makueni County, Kenya, 1 in 22 children die before their first birthday.** Neonatal mortality, has significant and far-reaching effects on the mothers, their families, society and economy in general.



## Changes made

Nurses were trained on early identification and mitigation to the causative factors of neonatal deaths. Data was collected using self-report questionnaires and observation checklist. The levels of knowledge and practice were evaluated pre-training, immediately after training, and after 3 months of training. Data was analysed using descriptive, inferential statistics and thematic analysis with the help of Statistical Package for the Social Sciences and NVIVO.



## Key Insights

Empowering nurses with the expertise to recognize and respond to neonatal emergencies, ensures that they are adequately prepared to make swift, informed decisions under pressure which lowers neonatal mortality



## Aim of the project

To evaluate the impact of a Nurse Training Program on Neonatal Outcomes in Kilungu Subcounty Hospital, Makueni County, Kenya.



## Measures

Nurses showed higher levels of knowledge (91% v 59%) and neonatal resuscitation skills (94% v 68%) at 1 month after the training program compared to their knowledge and practice before training. **Neonatal mortality also dropped by 47%.**