



Perspectives and engagement of caregivers in the care of babies under Bubble CPAP

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Abstract:

Severe respiratory distress is a leading cause of mortality among neonates in Malawi. In spite of evidence on the safety, cost effectiveness and efficacy of bubble continuous positive airway pressure (CPAP) in managing the condition, little is known about the perspectives of mothers and guardians with babies on bubble CPAP. The purpose of this study was to explore caregiver perspectives for bubble CPAP at both central and district hospitals to better understand key factors that enable effective caregiver engagement in Malawi. This was a descriptive qualitative study employing secondary analysis of 46 health care worker in-depth interviews to understand their experiences on using Hospital (QECH) and three district level hospitals in Mulanje, Chikwawa and Phalombe in Southern Malawi. This was a part of a larger study to understand barriers and facilitators to implementing neonatal innovations in resource-constrained hospitals. Interviews were thematically analysed in Nvivo 10 (QSR International). Health workers were purposively selected to include nurses, clinicians and district health management involved in the use of bubble CPAP. Emerging issues included caregiver fears around the bubble CPAP machine as potentially harmful to their new-borns and how inadequate or no information provided to caregivers exacerbated knowledge gaps and was associated with refusal of care.

Biography:

Sangwani Salimu was graduate student from College of Medicine, University of Malawi, Blantyre, Malawi. She was also member of Malawi-Liverpool-Wellcome Trust Clinical Research Programme



Recent Publications:

1. Doctor H.V. and Nkhana-Salimu, S. Trends and determinants of child growth indicators in Malawi and implications for the Sustainable Development Goals. *AIMS Public Health* 2017; 4(6): 590-614. doi: 10.3934/publichealth.2017.6.590
2. Doctor H.V., Abdulsalam-Anibilowo, M. and Nkhana-Salimu, S. Health facility delivery in sub-Saharan Africa: successes, challenges, and implications for the 2030 development agenda. *BMC Public Health* 2018; 18(1): 765. doi: 10.1186/s12889-018-5695-z
3. Nkhana-Salimu, S and L. Nyondo- Mipando. Assessing adolescents' understanding and acceptability of the ban on alcohol sachets in Blantyre, Malawi. Paper presented at the 21st Dissemination Conference, College of Medicine, 27-28th November 2017.
4. Nkhana-Salimu, S. and Nyondo-Mipando. L. (In press). "You do not need a lot of money to get alcohol: Adolescent's perspective on the ban of liquor sachets in Malawi." *Substance Abuse Treatment, Prevention, and Policy*

13th World Congress on Nursing and Health Care | March 16-17, 2020 | Berlin, Germany

Citation: Sangwani Salimu; Perspectives and engagement of caregivers in the care of babies under Bubble CPAP Nursing and Health Care 2020, March 16-17, 2020, Berlin, Germany.