

Assessment of knowledge and practice of nurses on initial management of acute poisoning in Dessie referral hospital Amhara region, Ethiopia, 2018

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Introduction: Poisoning is a major health problem worldwide, and it causes significant morbidity and mortality. It is estimated that 350,000 people died worldwide from unintentional poisoning. The purpose of this study is to assess nurses' knowledge and practice on the initial management of acute poisoning among nurses in Dessie referral hospital, Amhara region, Ethiopia.

Methods: Hospital based cross sectional study was conducted from January 2018 to June 2018. Simple Random sampling technique was used to select the samples. Data was collected by using self-administered structured questioners. Data were cleansed, checked for completeness and entered into SPSS version 20 for analyses. Statistical measures of Central tendency, T-test and ANOVA were used in determining the association between independent and dependent variables.

Results: Based on the given 13 items to assess the general knowledge of nurses on poisoning, the score ranges from 2 to 9 with the range of 7 with the mean score of 7.48(SD-0. 0.839) for the entire respondents that was 57.5% for the given items that was less than 75% which was unsatisfactory level of knowledge. The mean score of general knowledge on poisoning was high among nurses who had training on initial management of poisoning than those nurses who had not the training. **Conclusion and recommendation:** All Dessie referral nurses that participated in this study had unsatisfactory general knowledge on poisoning, knowledge on initial management of acute poisoning and self-reported practice. The major implication of these study findings on the health system is the importance of ensuring support to nurses' health care services for early detection and management of poisoning.

Biography

I have completed my MSc in pediatrics and child health nursing from Mekelle University. I am a researcher and lecturer in pediatrics nursing department in Debre Berhan university in Ethiopia. I have published more than 30 papers in peer reviewed and highly reputed journals. I have served as research expert in Debre Berhan university & I have experience as researcher reviewer for international journal like BMC journals, Hindawi journals, PloS one journal, Dove medical journals and etc.