



## Practice of Healthcare workers regarding infection prevention and its associated factors in Bale zone Hospitals

Demisu Zenbaba

Madda Walabu University Goba Referral Hospital, Bale

### Abstract

**Introduction:** In Ethiopia, infection prevention to protect patients, health care workers and visitors from healthcare acquired infections is one of a number of nationwide transformational initiatives to ensure the provision of quality healthcare services. The aim of this research was to assess the practice of health care workers regarding infection prevention and its associated factors in Bale zone Hospitals.

**Methods:** A cross-sectional study targeted 402 healthcare workers using simple random sampling to learn about their practices related to infection prevention. Data were collected in interviews using pretested, structured questionnaires. Returned questionnaires were checked for completeness, and then data entered into a database and analyzed using SPSS Version 20. Adjusted odd ratio (AOR) with a 95% confidence interval was calculated to determine the strength of association and variables with p-value < 0.05 in the final model were considered as statistically significant.

**Results:** Three hundred ninety-four healthcare workers participated in the study. Of these; 145 (36.8%, 95% CI 32, 42%) of them were found to have self-reported good infection prevention practice. Good knowledge towards infection prevention (AOR = 1.84, 95% CI 1.02, 3.31), availability of personal protective equipment (AOR=1.96, 95% CI 1.16, 3.32) and water (AOR=4.42, 95% 2.66, 7.34) at workplace were found to have a statistically significant association 28 with healthcare workers self-reported good infection prevention practices.

**Conclusions:** In this study, slightly more than one third of the healthcare workers reported to have good infection prevention practices. Good knowledge towards infection prevention, working in departments, availability of personal protective equipment and water at workplace were found to have statistically significant association with self-reported good infection prevention practices.

### Biography

Demisu Zenbaba is a Professor at Department of Environmental Health, Madda Walabu University Goba Referral Hospital, Bale Goba, Ethiopia.

### Publication

1. Hand Washing Compliance and COVID-19: A Non-Participatory Observational Study among Hospital Visitors Biniyam Sahiledengle, Yohannes Tekalegn, Abulie Takele, Demisu Zenbab, Zinash Teferu, Alelign Tasew, Tesfaye Assefa, Kebebe Bekele, Abdi Abdi, Habtamu Gezahegn, Tadesse Awoke, Bruce John Edward Quisido
2. Enhancing Healthcare Workers' Infection Prevention and Patient Safety Awareness: In-service Training at Goba Referral Hospital, Biniyam Sahiledengle, Demisu Zenbaba, David Allison



[4<sup>th</sup> International Conference on Neonatology and Perinatology](#) | Edinburgh, Scotland | June 15-16, 2020

**Citation:** Demisu Zenbaba, Practice of Healthcare workers regarding infection prevention and its associated factors in Bale zone Hospitals, Neonatology 2020, 4<sup>th</sup> International Conference on Neonatology and Perinatology, Edinburgh, Scotland, June 15-16, 2020, 03