

# QUALITY OF PREVENTIVE MEASURES ADOPTED BY HEALTH CARE WORKER TO PREVENT COMMUNICABLE DISEASES – A CROSS SECTIONAL STUDY .

## BATCH 32

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### INTRODUCTION

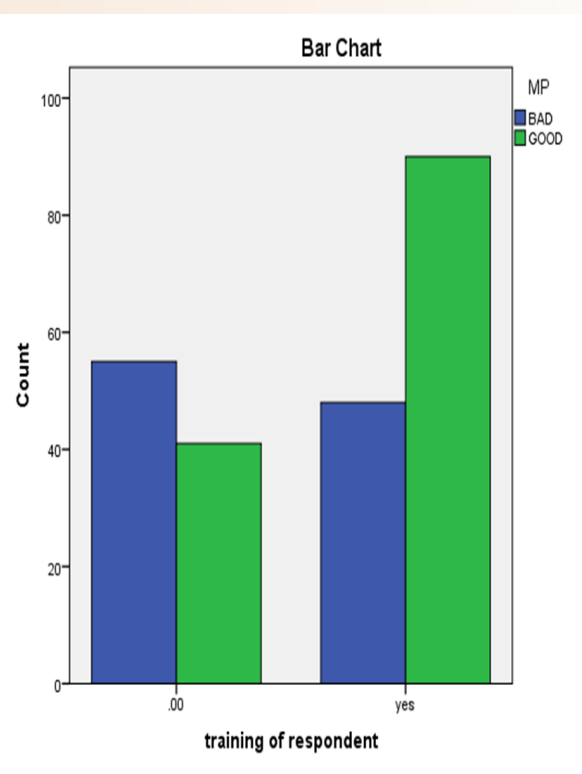
Healthcare Workers are exposed to higher chances of exposure to pathogenic organisms; hence have a high prevalence rate of communicable diseases. Methods that have been proven effective to minimize infection among HCWs are vaccine prevention, hand hygiene, post-exposure prophylaxis, and adherence to isolation precautions. There are more cases of communicable disease outbreaks in third world countries with low resources leading to less preventive measures. This article will focus on the quality of prevention measures implemented in Healthcare facilities for healthcare workers.

### OBJECTIVE

This study was planned to assess and evaluate the quality of prevention practices adopted by Healthcare Workers in Mayo hospital, affiliated with King Edward Medical University, Lahore ,Pakistan ,to understand and highlight the role of HCWs in dissemination of Healthcare Associated Infections.

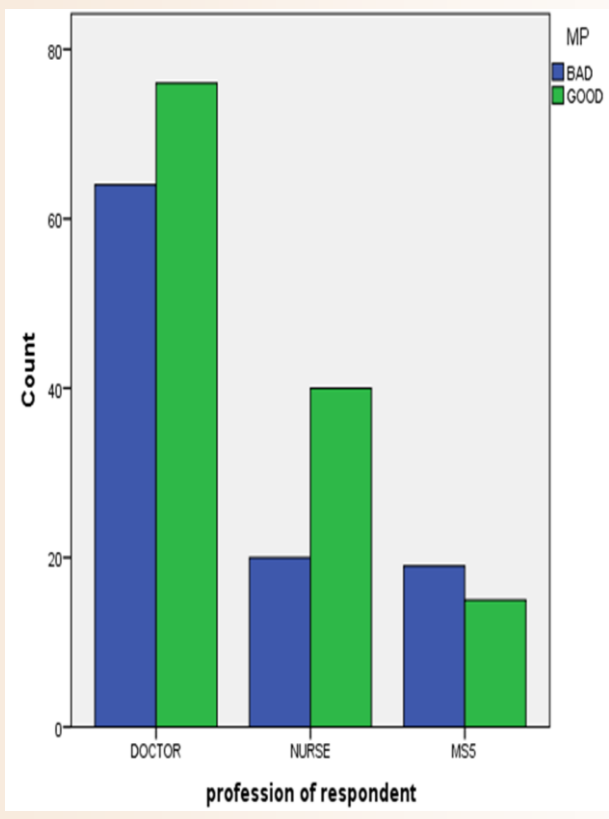
### METHODS

This cross-sectional analytical study was conducted in King Edward Medical University, Lahore from March to November, 2022. A sample size of 234 healthcare workers comprising of medical students in 5<sup>th</sup> year, House Officers , Doctors, Nurses, Medical officers, Residents , etc. was selected by convenient sampling. A pretested questionnaire was circulated amongst the study group and filled after voluntary consent. Data collected was analyzed using SPSS-22. Chi-Square test was used for inferential analysis. Alpha was kept at 0.05. Mean and standard deviation were calculated for numerical variables and percentage for categorical variables.



### RESULTS

A total of 234 responses were analyzed with 33% from males and 66% from females. Among the HCW, 131 (55.9%) had good infection practices and 90 (38.4%) had bad infection practices. Those HCWs who underwent training on infection prevention were more likely to have good infection prevention practices than those who had not taken any.



### CONCLUSION

There is a need for better training programs especially for medical students in their clinical years..Awareness programs ,symposiums, training programs may provide better results in prevention of communicable diseases.

### REFERENCES

2. AlJohani A, Karuppiyah K, Al Mutairi A, Al Mutair A. Narrative review of infection control knowledge and attitude among healthcare workers. J Epidemiol Glob Health. 2021;11(1):20–5.