

Chapter-15

FACTORS IMPACTING THE PRATICE OF WEARING FACE MASK TO PREVENT COVID-19

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ABSTRACT

People are handling Covid-19 pandemic by following preventive measures. The preventive measures people are adopting are using face mask, maintaining personal hygiene, not travelling and not making appearance in mass and gathering. Several vaccines has also been discovered. One of the best preventive measure to prevent and control the transmission of covid-19 is the use of face mask. It has been more than 2 years of covid-19 pandemic. Still the practice of wearing a face mask is less. There are various factor impacting the practice of face mask. This report has identified the factors that can impact the decision of wearing a face mask or to not wear a face mask. A framework was made using Health Benefit Model. To study the factors impacting the practice of face mask Health Benefit Model has been used. It consist of 5 variables: perceived susceptibility, Perceived benefits, perceived severity, perceived barriers and cues to action. In this study all of the variables and how they impact the practice of face mask has been studied. Data were collected via google forms (online). The results of the study has discussed in details.

Keywords: Covid 19, Online, Health benefit model, Face Mask, Impact, Travelling

INTRODUCTION

On December 31, 2019 the WHO got information about the unknown cause of pneumonia from China, Wuhan, caused by temporarily named 2019-nCov and later it was renamed as sever acute respiratory syndrome-2 (SARS-CoV-2). Corona virus disease has been pandemic all over the world due to its strong human to human transmission. People of all age group can get infected by the corona virus. Covid-19 can be spread through droplets that can be released during speaking, coughing and sneezing. People are handling Covid-19 pandemic by following preventive measures. The preventive measures people are adopting are using face mask, maintaining personal hygiene, not travelling and not making appearance in mass and gathering. Several vaccines has also been discovered. One of the best preventive measure to prevent and control the transmission of covid-19 is the use of face mask. Wearing a face mask reduces the chance of the spread of droplets. Health officers encouraged the use of face mask to lessen the chance of transmission. Health officers recommended that clinical-grade face mask to be used by clinical employees, so the chance of shortage of these face will mask be less. And for the public cotton face masks are recommended. The pandemic has been happening from the past 2 years by now every one are known to COVID-19 and how can it be prevented. People have knowledge about face mask put we can see people are not practicing the use of face mask, The various reason might be

there. This report has identified the factors that can impact the decision of wearing a face mask or to not wear a face mask. A framework was made using Health Benefit Model.

LITERATURE REVIEW

This research report on “**FACTORS IMPACTING THE PRACTICE OF WEARING FACE MASK**” is a cross-sectional study done on the community people of Tilottma-3. The purpose of the study was to identify the factors that impact the practice of wearing face mask. The factors were identified using HBM. And all of the factors are studied in details. The study shows most of the people are afraid of covid-19 , feel unsafe from covid-19 and think wearing face mask can prevent the transmission of covid-19, which positively impact the practice of face mask and the factors that negatively impact the use of face mask are the cost of face mask, afraid of having other health issues by wearing face mask, people around not encouraging to use face mast and government not taking strong action.

RESEARCH OBJECTIVES

The purpose of this study is to learn about the variables that impact the practice of face mask. We identify and explore number of elements that impact the practice of face mask.

To analyse the literature related to the approach to practice of wearing face mask .

To analyse the factors that impact the practice of wearing face mask.

RESEARCH METHODOLOGY

Cross sectional research design has been used to conduct the study. This research is based on primary data which was collected via a self-structured Questionnaire. The information is collected from the community people of Tilottma-3. A structured questionnaire was sent through Google link (online). To conduct the study the sampling technique used is convenience sampling (non-probability sampling) . The sample size is 50.

Data Analysis/ Findings

A data analysis is a process that involves looking at, cleaning up, manipulating, and modelling data in order to uncover information that may be used to draw conclusions and aid in decision-making. We used a self-administered online survey for our research.

The findings of the study are:

- Majority of respondents (90%) feel vulnerable to contract covid-19 and less respondents don't feel vulnerable to contract covid-19. Many people feeling vulnerable means the practice of face mask is likely to be more in order to prevent covid-19.
- People think the transmission of corona virus can be prevented by wearing face mask. They feel safe from covid-19 after wearing covid-19. The result of the study revealed that majority of respondents feel safe after wearing face mask. If they feel safe, they will obviously wear face mask which means the practice of face mask is more.
- The result of the study revealed that most of the respondents think that by using face mask covid-19 can be prevented. Few respondents don't find face mask to be that effective to prevent covid-19. More people finding face mask to be effective and helpful means the practice of face mask is likely to be more. It shows that if a person gets benefits, and find face mask to be effective it will positively impact the practice of face mask.
- Majority of respondents think that using face mask in order to prevent covid-19 can create other health issue. More people thinking face mask can lead to other health issue directly affect the use of face mask. In this case people will not like to wear face mask considering other health problem.
- The result of the study revealed that majority of respondents are afraid of being infected by covid-19. If a person fears about covid-19 they will wear face mask in order to prevent from it and if they don't fear about covid-19 they will not wear face mask. The result shows that if a person is afraid about covid-19 it will positively impact the practice of face mask.
- Most of the respondents think covid-19 have serious consequences. We can say that in order to avoid serious consequences of covid-19, people will practice the use of face mask. It shows that if a person is afraid of serious consequences of covid-19 it will impact the practice of face mask.
- The willingness of wearing a face mask to prevent covid-19 depends upon how comfortable one feels after wearing face mask. The results shows that most of the respondents are uncomfortable wearing face mask which means the practice of face mask is also low.
- The result of the study shows that most of the respondents are not willing to purchase face mask if the price of face mask will increase it means the practice of

face mask to prevent will be less. It shows that the cost of face mask will negatively impact the practice of face mask.

- The results shows that people around most of respondents doesn't encourage them to wear face mask to prevent covid-19. It impacts the practice of face mask. If the encouragement of people around respondents is less means the practice of face mask to prevent covid-19 is also less.
- Government is taking strict in order to increase the use of face mask to prevent covid-19. If there are strict action taken in the absence of use of face mask the people are more likely to wear face mask. The study revealed that there is not any penalty if a person doesn't wear face mask. This might affect the practice of face mask as there is no any strict action taken the people will not use face mask to prevent covid-19.

CONCLUSION

It has been more than 2 years we are living with the corona virus. By now we know what can be done in order to prevent COVID-19. One of the best thing we can do in order to prevent the transmission of COVID-19 we can use face mask. Face mask helps in not allowing the virus to our nose or mouth if it is worn properly. People have knowledge about the face mask but the practice of face mask is less. In this research we have analysis the all the factors that impact the practice of face mask. The majority of respondents feel unsafe from covid-19 means in order to prevent covid-19 they will practice the use of face mask. Most of the respondents feel safe from covid-19 after wearing face mask. Majority of respondents believes that by using face mask can be prevented. Most of the respondents think that wearing face mask can create other health issue, in this case people will try to avoid the use of face mask which will negatively impact the practice of face mask. We found that people are afraid of covid-19 which means in order to reduce the risk of transmission of covid-19 people will practice the use of face mask. Most of the people think covid-19 has serious consequences, in order to be safe and to not have to face any serious consequences they will wear face mask. The result also revealed that most of the respondents doesn't feel comfortable in face mask which negatively impact the practice of face mask. The more people feel uncomfortable wearing a face mask the less practice of face mask is there. Another factor that impacts the practice of face mask is cost of face mask. During corona time in order to gain profit the price of face masks was increased because of that also the practice of face mask can be less. As we can't use one mask for longer period of time and if the prices are highly most of the people will not like to purchase face mask which will negatively impact the practice of face mask. Most of the respondents says that people around them don't

encourage them to use face mask means the practice of face mask by them as we are more likely to do the things people around us does or says. And there is no any strict action taken if anyone is not wearing face mask. If there are action taken if someone is not wearing face mask, people will wear a face mask even if they don't want in order to not be punished. The research findings show how the practice of face mask are impacted by the variables. In order to prevent covid-19 face mask practice is one of the best preventive measures.

REFERENCES

1. Ekanayaka P, Kodithuwakku R, (2021), *auditing face mask practice among the general public. A cross sectional study. Srilankan Journal of infectious diseases 2021 Volume 11(supplement) S2; 17.*
2. Furnaz S, Baig N, Ali S, et al. (2022) *Knowledge, attitude and practice of wearing mask in the population presenting to tertiary hospitals in a developing country. PLoS ONE 17(3): e0265328.*
3. Lareo YM, Aame DE (2021) *Knowledge, attitudes, and practices of face mask utilization and associated factors in COVID-19 pandemic among Wachemo University Students, Southern Ethiopia: A cross-sectional study. PLoS ONE 16(9):e0257609.*
4. Minyiwwab G, Shibesh B (2021). *Community's Mask Wearing Practice and Its Associated Factors for COVID-19 prevention in Metropolitan city, Northwest, Ethiopia. A community- based cross-sectional study. International Online Medical Council (IOMC), Vol.11, Issue 7.*
5. Todkar M, Nagarale R, Dashti N, Bhujbal P, Dharwadkar S, Birmal V. (2019). *Assessment of awareness, attitude and practice of use of face mask among the general population during Covid-19 pandemic; a questionnaire study. International journal of medical and Bio, medical Studies. Volume 5, page no: 165-171.*

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