Case Report

Corona Virus Awareness in Pakistan: A Case Study

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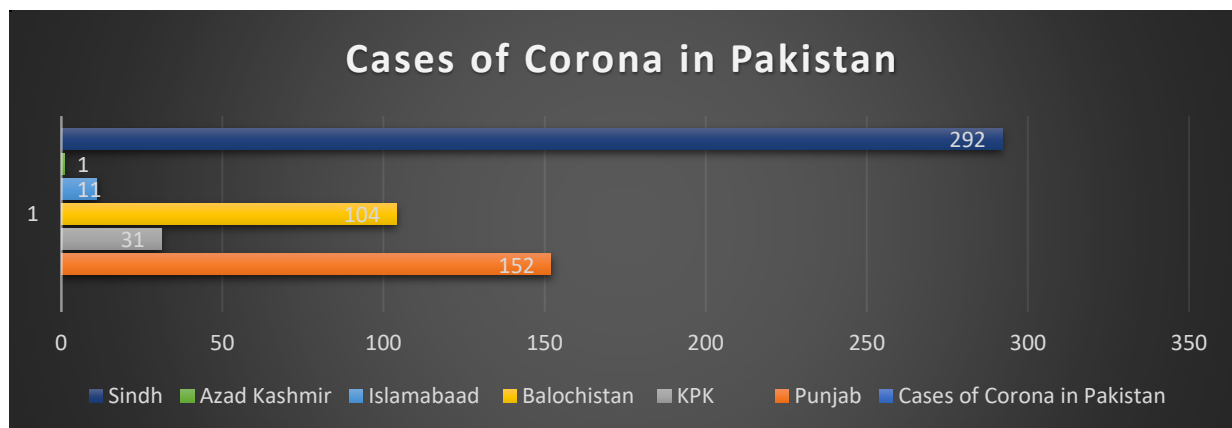**Correspondence Author:** Muhammad Kashan Javed

ABSTRACT:

The study is conducted to observe the awareness among the people about the Corona virus disease 2019 COVID-19. The data is collected from the educated individual of Pakistan consisted of 538 individuals where from we received the response of 213 individuals of Pakistan. A questionnaire consists of information related to COVID-19 is collected via online service such as WhatsApp Messenger. Results shows that 100% individuals know about the precautions of COVID-19,83% persons know about the symptoms,92% persons know about the source,58% individuals know about the mortality rate, 75% person know that there is no treatment available against corona virus disease and 83% individuals know that the vaccine against corona virus is not prepared yet. It was concluded that majority of Pakistan populations aware about the corona virus and this happened just because of Government of Pakistan and other organizations who were working for the welfare of human beings. But still there is a minority of Pakistani who did not aware about corona virus and there is a need to aware them about this virus.

Keywords: Virus, Awareness, Symptoms

INTRODUCTION:

Corona is a type of RNA virus which previously infects lots of animals. It arises from the combination of genes which were found in bat and snake.it arose from china and infect thousands of people living in china. the persons from different countries who were living in china also become the victim of this virus. The individual who is living in china if travel to his own country then he or she can transmit this virus to other individuals[1]. After the deaths of hundreds of individuals in china, this virus continues to infect other thousands of individuals in different countries. Now there is a fear of Corona all over the world and most of the country's shutdown just because of corona. This virus is not as lethal virus but because there is no treatment or vaccination available against corona that's why there is a fear all over the world. The symptoms of corona start with a fever which remains for about 14 days then the other symptoms start to appear like dry cough, tiredness, breathing difficulty or chest pain in severe situation. About 80% of the patients recover from corona without any special treatment. This virus mainly infects individuals with weak immune system[2]. There is a need to do research on this virus because cases of corona increase rapidly. You can see the cases of corona reported in different provinces of Pakistan in Figure 1 [3].

Figure 1: Cases of Corona Reported in Pakistan (3/22/2020)

Rarely this virus causes death and the person with other diseases like asthma, diabetes or heart disease are more vulnerable to thisvirus. Nowall the countries are busy in making the vaccine, diagnostic kits etc.against this virus. Some countries suggest Plaquenil, chloroquine for the treatment of thisvirus. Like other countries, in Pakistan, all the educational sectors, marriage halls etc. are abandonedto prevent from corona[4]. All the gatherings are banned in Pakistan, no handshakes were allowed and different adds were displayed to aware people of Pakistan about corona virus but still there are lots of people who arenot following the precautions[5].

Objective:
This study is conductedto check that how many people are aware about the corona virus.

MATERIAL AND METHODS:
The awareness of COVID-19 is checked among the individuals of Pakistan.Multiple charts including bar chart, pie chart and descriptive statistics is used in order to conduct this study. Aquestionnaire is prepared in which we asked 6 different questions with only two options (whether YES or NO) to provide the convenience and send this questionnaire to 538 educatedindividuals of Pakistan via WhatsAppmessenger while no demographic (related to age, sex or income) detailswere taken from the individuals. We received the response of 213 individuals, and we apply this response rate to theeducated population of Pakistan. The response rate of this study was 39.5% (which is very low) and this is the limitation of online research.

Statistical Analysis:
Percentage was calculated to know that how many individuals were aware about the Corona virus

RESULT AND DISCUSSION:
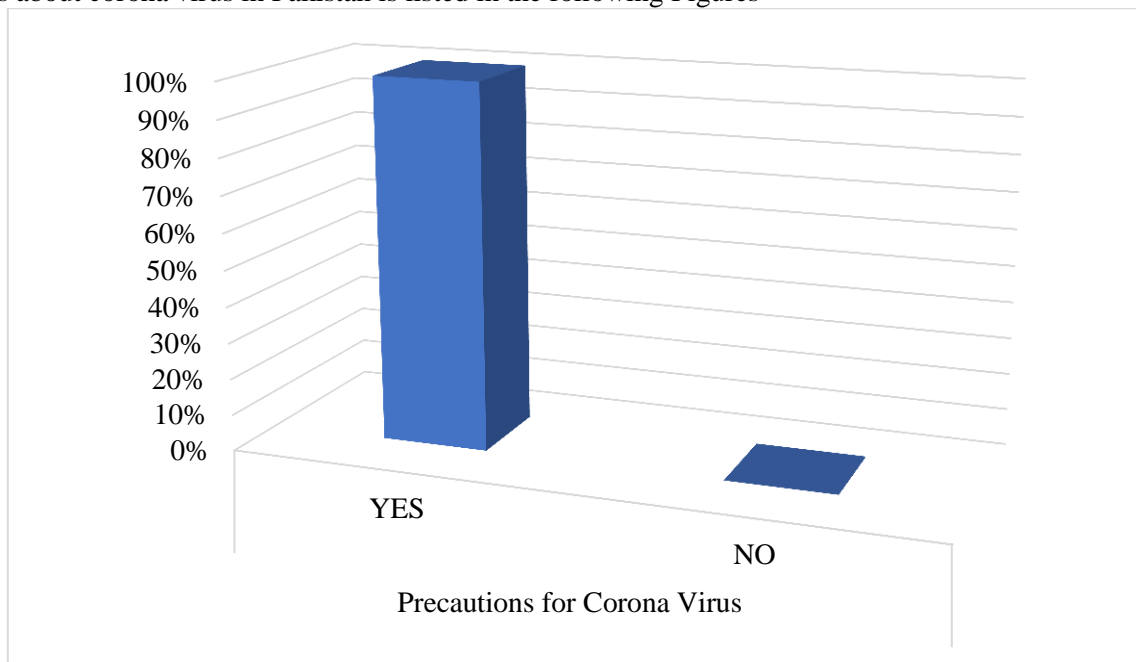Awareness about corona virus in Pakistan is listed in the following Figures

Figure 2: Precautions for Corona Virus

It was clearly seen from Figure2 that the 100% individuals know the precautions of Corona virus which was an amazing indication for Pakistan, and this happens only because of Government and other organizations who took effective steps to aware people of Pakistan about the Corona Virus
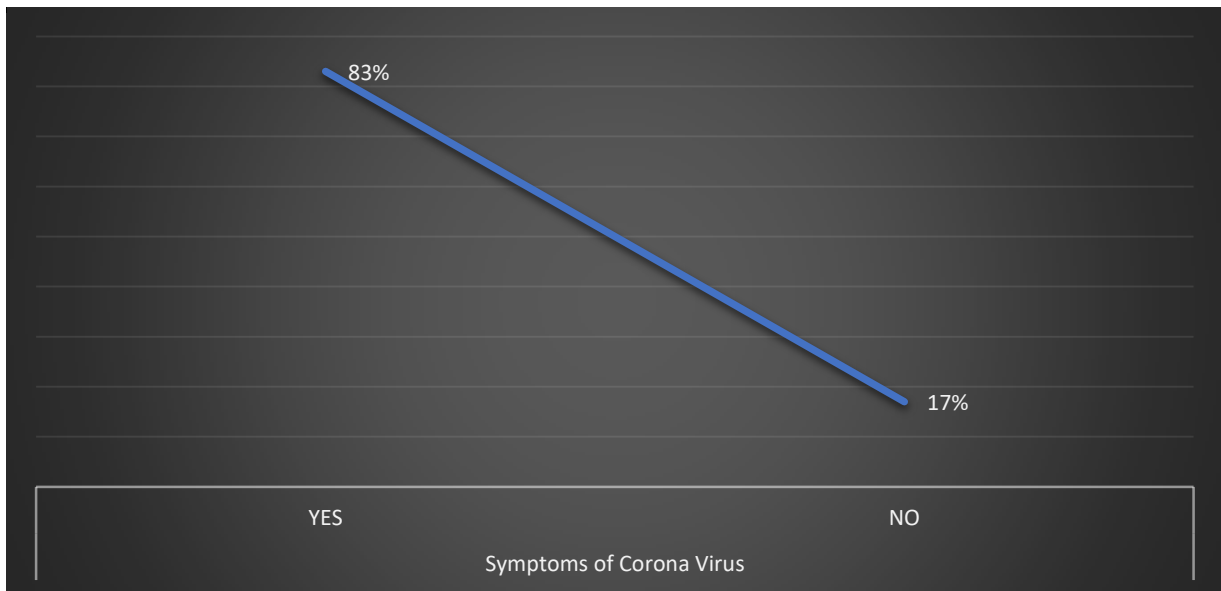
Figure 3: Symptoms of Corona Virus

The Figure3 represent that 83% population of Pakistan know about the symptoms of Corona virus while there are still 17% population who did not aware about the symptoms of this virus. Hence, it was necessary to aware the remaining populations of Pakistan about this virus
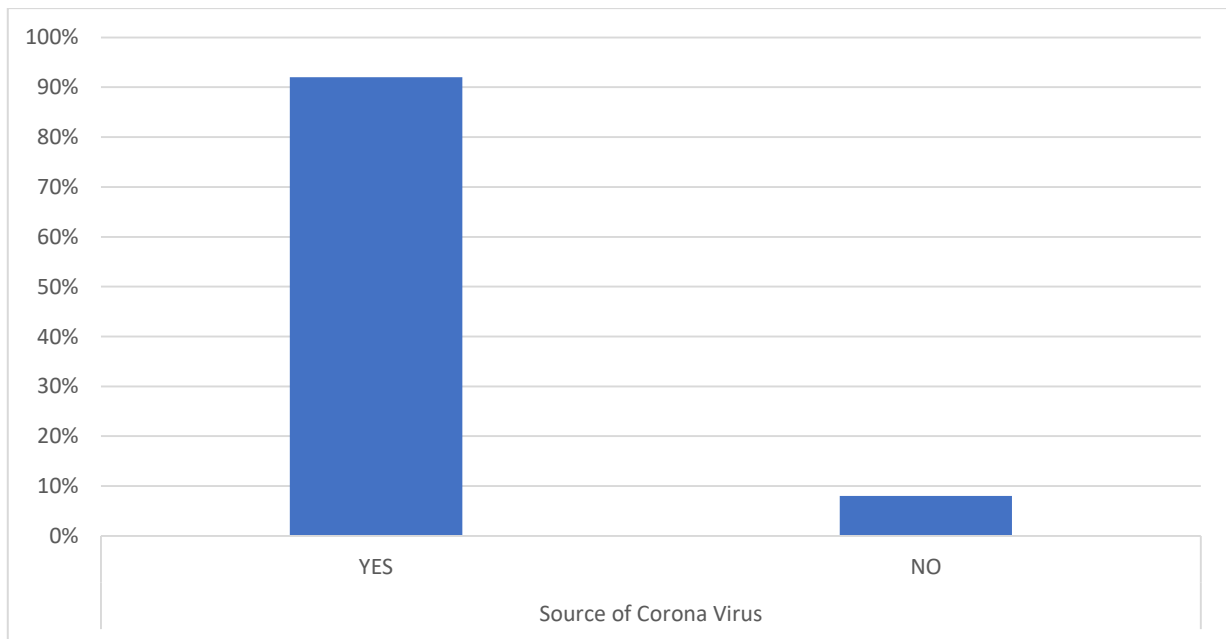

Figure 4: Source of Corona virus

Figure4 shows that 92% population of Pakistan know about the source of corona virus while 8% population still need awareness
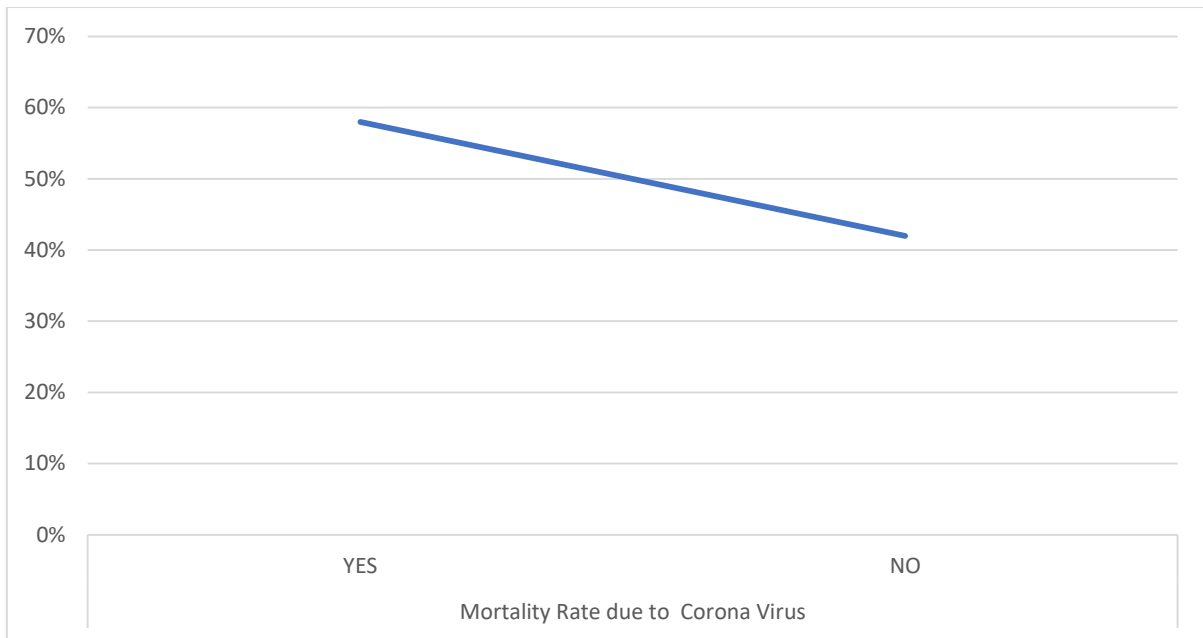
Figure 5: Mortality Rate due to Corona Virus

From Figure5, Itwas clearthat58% population of Pakistan knows the death rate due to corona virus while 42% did not know the death rate due this virus.
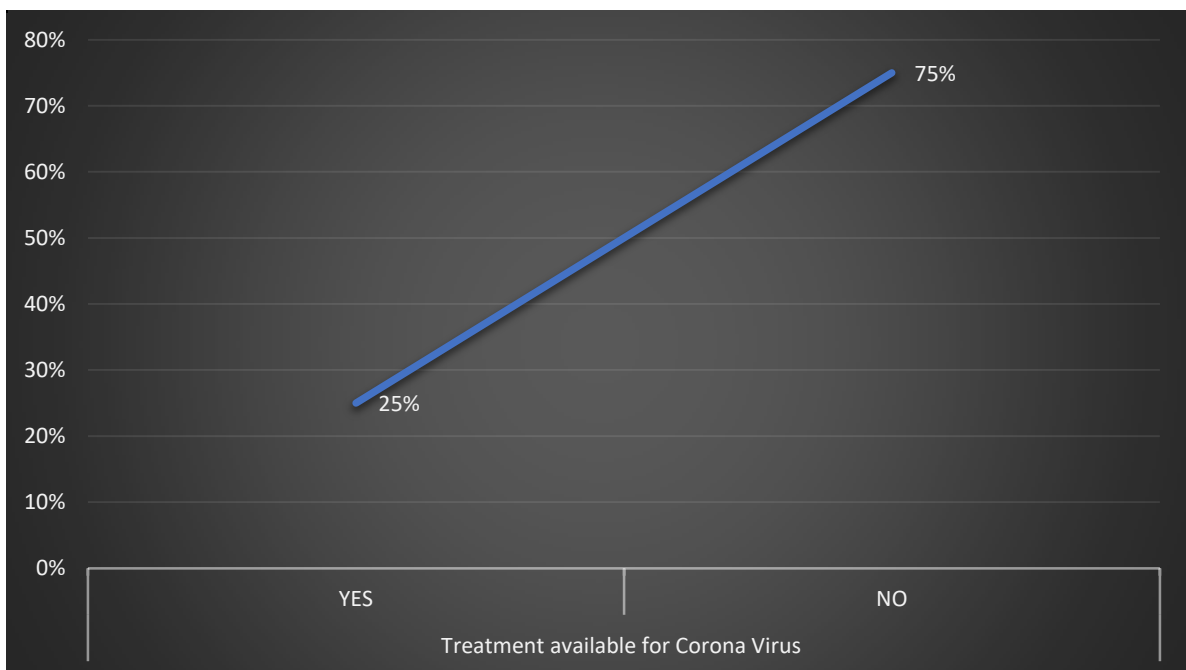

Figure 6: Treatment Available for Corona Virus

It was clearly seen from Figure6 that there are still 25% populations who said that the treatment for corona virus is available and when we asked about the treatment they said that you can use Plaquenil or chloroquine (Anti-Malaria) for the treatment of corona virus while 75% of individuals know the fact that there is no treatment available for corona virus.
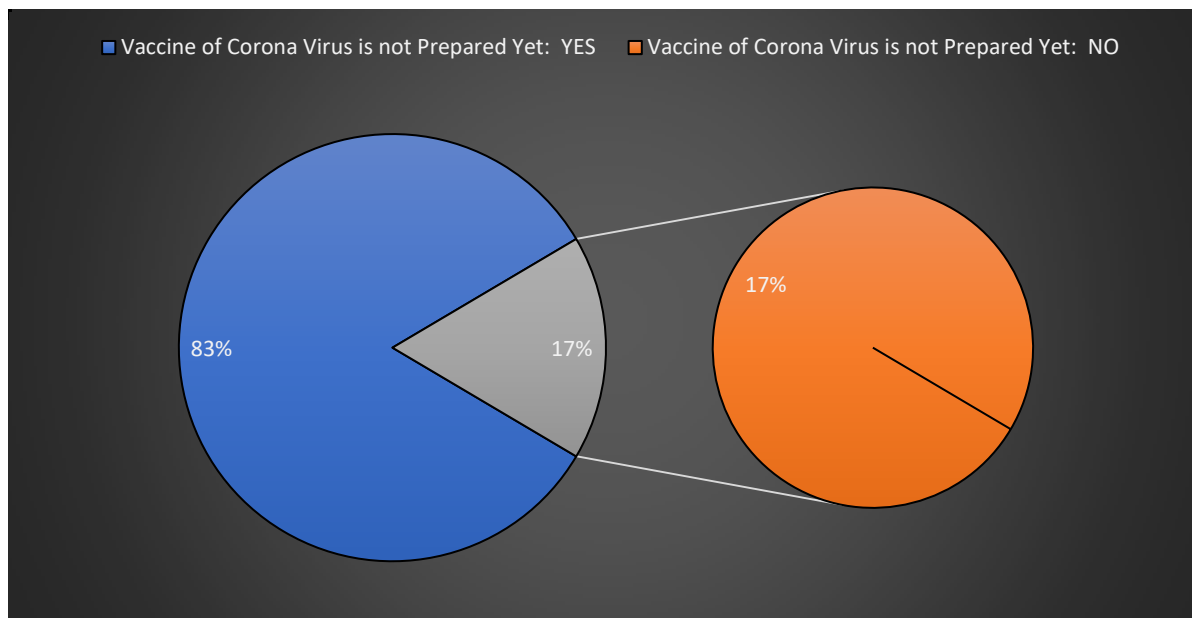
Figure 7: Vaccine for Corona Virus

Figure7 represent the availability of vaccine against corona virus and showed that there was 17% Pakistani who said that they did not know about the preparation of vaccine against corona virus while 83% Pakistani know that the vaccine was not prepared yet and there was a need to takeprecautions for corona viruses.

CONCLUSION:
It is concluded in this research that majority of population is aware about the COVID-19.They know about the precautions,symptoms,source, death rate of COVID-19 and also aware that the treatment of this virus is not available yet which make COVID-19 a lethal virus. But still there are few persons who need awareness about COVID-19.

Future Perspective:
This research is helpful to know the awareness of Pakistan about COVID-19.The continuation of this research is that we start will work on the number of cases of corona and number of death in different countries which will help public to understand the severity of this virus.

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