



Level of Awareness & Attentiveness Associated to Novel Corona Virus (Covid-19) among People of Pakistan

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Abstract

Background: Corona viruses are huge family of viruses named for the crown-like spikes on their surface. There are seven CoV viruses which will infect humans, including the “2019 Novel Corona virus” (the infection right now making features), SARS and MERS. Symptoms include fever, breathlessness, and coughing. The illness spreads through animals and shut contact with people that have already been infected currently the virus is spreading from person to person in China as many recent cases don't seem to be related to animal markets.

Method: A cross sectional investigation about the attention of corona virus (CoV), its symptoms, diagnosis and treatment was directed in several groups of individuals i.e, literate and illiterate people of Pakistan. Data was collected by means of survey based questionnaire which was prepared by the pharmacy students of Jinnah University for Women.

Result: According to demographic data obtained by the cross sectional investigation about the attention of corona virus in Pakistan which was conducted among literate and illiterate people (18-25 of age). Out of which 47.9% were medical students, among these people 92.6% knew about corona virus and 97.5% people knew about its person to person transmission, and 58.8% understand its symptoms in keeping with this survey only 23.5% people knew the treatment, 76.5% people didn't even understand the diagnosis of corona virus.

Conclusion: The motivation behind this study was to assemble the information about the extent of control of corona virus with improving knowledge awareness of CoV (COVID-19) to raised inform patients about this life threatening disease in health care systems.

Keywords: Corona Virus; Awareness; Treatment; Symptoms

Abbreviations: CDC: Centres for Disease Control and Prevention; SARS: Severe Acute Respiratory Virus; MERS: Middle East Respiratory Syndrome Coronavirus; CoV: Corona Virus.

Introduction

Coronaviruses are important human and animal pathogens. Coronaviruses are an oversized family of

viruses named for the crown-like spikes on their surface [1]. The U.S. Centers for Disease Control and Prevention (CDC) reports here are seven corona viruses which will infect humans, including the “2019 Novel Coronavirus” (the virus currently making headlines), Severe Acute Respiratory Virus (SARS) and Middle East Respiratory Syndrome Coronavirus (MERS) [2]. SARS is Severe acute respiratory syndrome (SARS) was a communicable disease caused by the SARS-CoV coronavirus. It regularly driven to

a life-threatening sort of pneumonia. The infection begun off inside the Guang dong in southern China in November 2002, in the long run coming to city [3]. From there, it rapidly spread circular the world people of 37 countries. SARS-CoV can contaminate both the upper and lower tract and may too cause gastroenteritis [4]. The side effects of SARS create over the course of per week and start with a fever. Ahead of time inside the condition, individuals create flu-like side effects, like dry hacking, chills, loose bowels, and breathlessness, throbs [5,6] SARS causes distress of the lungs, heart, or liver .accompanied by the infection; there have been 8,098 affirmed cases of SARS with 774 fatalities.

Typically frequently satisfactory a mortality of 9.6 percent. Complications were more likely in more seasoned grown-ups, and 1/2 all contaminated individuals over the age of 65 a long time who got to be sick fizzled to outlive. It completely was inevitably brought in limitation in July 2003 [7,8]. MERS, caused by the MERS-CoV coronavirus, was to begin with recognized in 2012 [9]. This serious respiratory clutter to begin with surfaced in Asian nation and, since at that point, has spread to other nations. The infection has come to the US. Conjointly the biggest episode exterior the Middle Eastern Landmass happened in Asian country in 2015 [10]. Indications incorporate fever, breathlessness, and hacking. The ailment spreads through near contact with individuals that have as of now been contaminated [11]. Be that as it may, all cases of MERS are connected to people who have as of late returned from travel the Middle Eastern Promontory [12]. Analysts report coronaviruses infect warm blooded animals. In uncommon cases, creature corona viruses may advance and contaminate people, so spread from individual to individual. Right now there aren't any detailed person-to-person cases inside the U.S. in keeping with the WHO, the 2003 SARS episode started with civet cats and 2012 MERS flare-up with dromedary camels [9]. The "2019 Novel Coronavirus" was to begin with distinguished in January 2020. Early cases were related to a fish and live creature advertises in Wuhan City, China. it's thought the infection may require started in bats, at that point "jumped" to a diverse creature, so to individuals. Near contact with contaminated creatures or u undercooking infected meat can help spread the virus to people [13]. Currently the virus is spreading from person to person in China as many recent cases don't seem to be related to animal markets. The primary confirmed cases of person-to-person transmission outside of China in Germany, Japan, and the U.S.—was recently reported. The upshot is that these infections transform exceptionally quickly. A number of these mutations may bestow modern properties, just like the adaptability to contaminate modern cell sorts or perhaps modern species [14].

Method

A cross sectional investigation about the attention of corona virus (CoV), its symptoms, diagnosis and treatment was directed in several groups of individuals i.e., literate and illiterate people of Pakistan during December 2019-february 2020. Data was collected by the means of survey based questionnaire which was prepared by the pharmacy students of Jinnah University for women. The survey was dispersed among 1000 people from the common public, counting diverse occupations and age's school instructors, auxiliary school understudies, and others). All participants were interviewed face-to-face either by a health professional or a trained interviewer. The primary portion of the survey asked individual data such as age, sex, occupation, level of instruction, and social status.

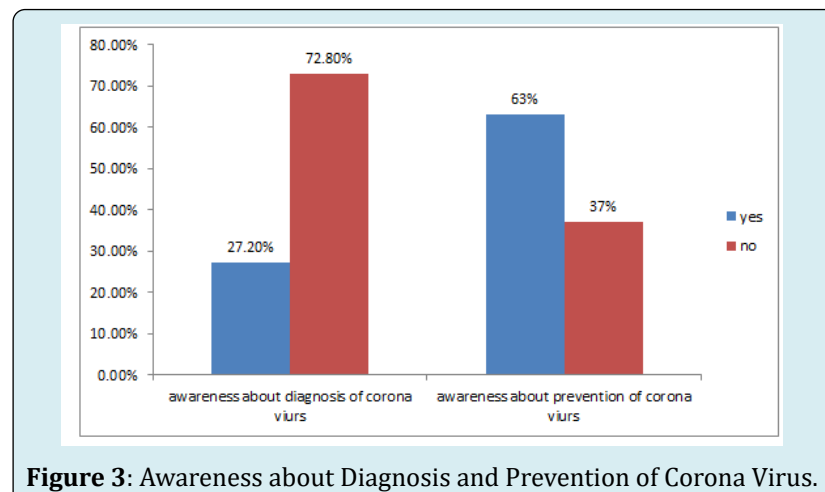
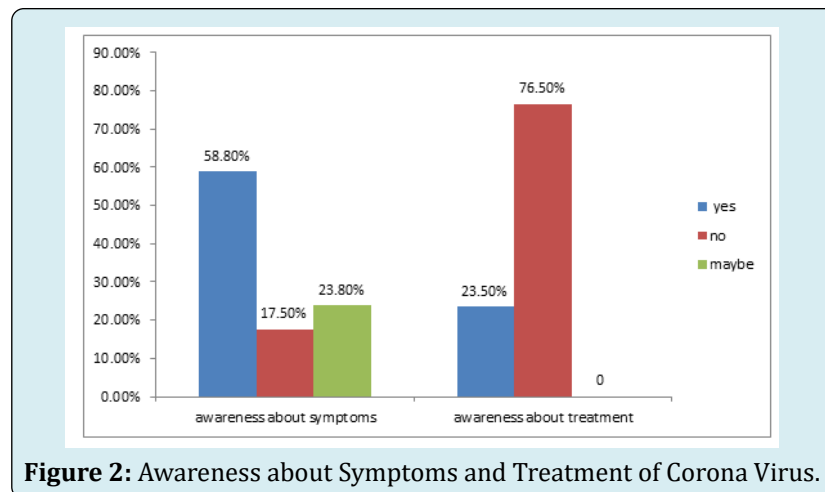
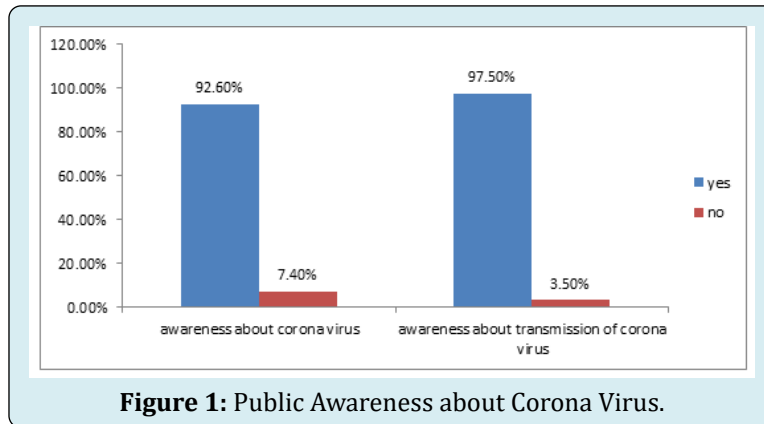
Results and Discussion

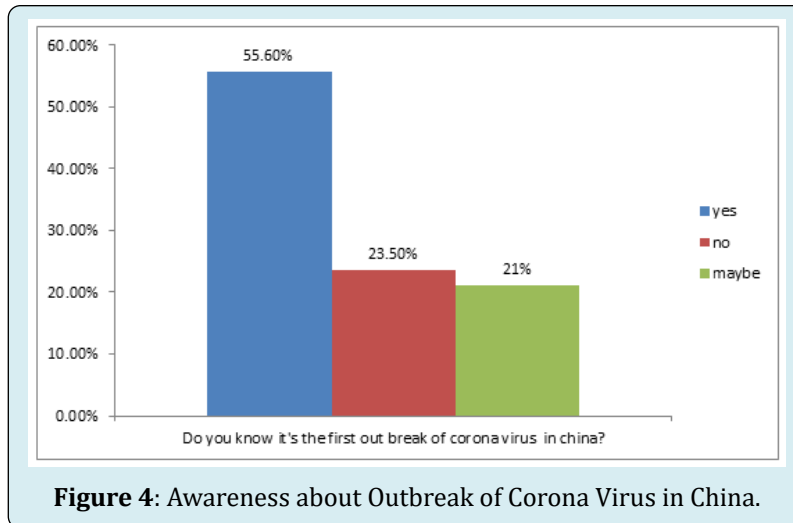
Climate alter may be a current worldwide concern and, in spite of proceeding contention approximately the degree and importance of causes and of its impacts, it appears likely that it'll influence the frequency and predominance of both leftover and imported contaminations in Pakistan. The frequency of mosquito-borne infections, counting malaria, dengue, and viral encephalitis, are among those illnesses most sensitive to climate [1]. Climate alter would specifically affect disease transmission by moving the vector's geographic extend and increasing regenerative and gnawing rates and by shortening the pathogen hatching period. What researchers are unsure of is whether or not the coronavirus will be spread from infected people before their symptoms appear. That may make the virus very deadly .Coronaviruses cause respiratory symptoms which will include fever, cough, and shortness of breath. Symptoms can appear in 2 to 14 days after exposure to the virus. Like flu and colds, coronaviruses are transmitted from person to person via respiratory droplets when an infected person coughs or sneezes.

Like many cold and flu viruses it's likely that this virus may also be spread from contaminated surfaces to hands and to a personal. The survey was composed of numerous choice questions and open-ended questions. According to demographic data obtained by the cross sectional investigation about the attention of corona virus in Pakistan which was conducted among literate and illiterate people (18-25 of age). Out of which 47.9% were medical students, among these people 92.6% knew about corona virus and 97.5% people knew about its person to person transmission while only 58.8% understand its symptoms, only 23.5% people knew the treatment of this, 72.8% people didn't even knew about the diagnosis of corona virus and 63% people knew its prevention. We prescribe that fundamental data approximately common

infections, especially corona viral infection, be included in school curriculums. Educational programs ought to target the male populace, teach the open through TV broadcasts, life addresses, and courses, emphasize on the nature of legacy of the common viral infections, emphasize preventive measures, and emphasize the contrasts between a carrier of an acquired viral illness and an influenced person. More bolster ought to be given to programs that have demonstrated their proficiency

In conclusion, we had a fabulous reaction rate in this consider and found a great level of mindfulness with respect to corona virus infection. A few of the respondents were confused around the contrast between the different types of corona viruses and many of the respondent didn't even know the diagnosis and prevention of this this life threatening disease. The graphical representation of results is expressed in Figures 1-4.





Conclusion

The inspiration behind this study was to drag together the information about the amount of control of corona virus with improving knowledge awareness of CoV to higher inform patients and public about this life threatening viral infection in health care systems.

Conflict of Interest

No

Acknowledgements

None

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