**CORONA PANDEMIC: A LESSON FOR PREPAREDNESS IN FUTURE**

**Abstract**: The coronavirus or the COVID19 outbreak is taken as a completely unprepared infectious disease by the world by the world, about which there was no awareness and presumptions earlier. The World Health Organization (WHO) had already declared it a 'Pandemic' due to its vulnerability, which is causing exposure to the world health system. This virus severely affected every corner of the world either directly or indirectly and also taught us a lesson for preparedness for the prospect of such disease. This article is an attempt to analyze the initial impact of COVID19 and also to acquaint with the lessons taught to us by the deadly virus.

Keywords: Coronavirus; COVID19; disease; lesson; preparedness; health.

**INTRODUCTION**

**Coronavirus what it is**?

Coronaviruses are 120 nano metered (in diameter), single-stranded group RNA virus. The Coronaviruses were identified by a group of virologists in 1968 in a journal for the first time. As per the report of the journal these viruses were none but the member of previously unrecognized virus groups (J K Aronson2020). The characteristics of such viruses are compared with the solar corona and thus were known as the Coronavirus.

**Nature of the virus**

The nature of the infectious virus is very sensitive to interaction. The virus can transmit through both abiotic and biotic components. Generally touching, coughing and interaction are media of its spread. Cold, cough, respiratory disorders are common symptoms of the Corona Virus. Integration of the ecosystem can make the spread of the virus more rapid.

**How it out broke?**

The ongoing Corona Pandemic (2019) is emerged as a viral disease in Wuhan of China by the end of 2019 at first. Many people are infected and died in the disease in China. From the report of the National Health Commission of People's Republic of China (NHCPRC, 2020) it is revealed that 77,658 confirmed cases of Corona inflection were existing till 24Feburary, 2020 in China. Corona reaches the more vulnerable situation because of human migration, which is generally peak during the Spring Festival season. Thus the rapid spread of Coronavirus inflection started not only within China but also to other countries. At first, the virus was suspected to be linked with seafood as it was out broke from the seafood market (Wuhan). But later when it spread to all most all the countries of the world then the only nationwide suspension of all activities within & outside the countries started.

**Present Status of the virus**

Coronavirus is spread to about 213 countries in the world. The most powerful countries in terms of health & wealth also could not leave themselves out from the cycle of the virus. The developed countries like Italy, the U.S.A (United States of America), Russia, the U.K (United Kingdom), and many others are badly affected by the inflection of the Coronavirus. There are 4,804,765 confirmed cases and 316,711 deaths from the COVID19 are recorded till 18th May 2020(data from World meter) in the world as a whole. The positive cases for COVID19 inflection are continuously increasing at a rapid rate.

**OBJECTIVE**

The objective of this study is to describe the ongoing situation of Coronavirus and its impact with an analysis of the need for preparedness in future to combat such virus.

**METHODOLOGY**

The descriptive study is done with both primary and secondary sources of data. As primary source of data observation and experience of current situation is analyzed and to make primary sources more scientific data are collected from various secondary sources which includes different articles, journals and research paper etc.

**FINDINGS**

**IMPACT OF COVID19**

The impact of coronavirus or COVID19 is reflected in all most all the aspect of human life. All the spheres i.e. economical, political, social, cultural, and ecological are impacted significantly. For a particular human being, not only his physical health is affected but also the mental and emotional state of mind is influenced during these days. If we take a nation as a whole, both direct and indirect impact of the Coronavirus is noticeable in many cases. The health system of many countries could not resist and fails to control the increasing patients of the Coronavirus. The Trade cycle in many countries is disrupted. Most of the bad sufferer nations are struggling with nationwide lockdown as an arm against Corona. This leads to stop or postponement of many essential services within or outside the nation. The impact of Coronavirus can more precisely be understood with the following points:

**Economic impact:**

The broken trade cycle among different nations is one of the major impacts from the perspective of economics. For which other economic problems like shortage or scarcity of goods and services started in many countries, because of that the rise in the price of various products is obvious. So, consumers are suffering significantly. Again, some products like petrol, the price for which declined due to less demand, so oil surplus countries are incurring losses to some extent. The productivity of different sectors declined within the economy for lockdown and the problem of poverty and unemployment are seen to be more acute these days. In some poor or developing countries, the government completely fails to resist during the pandemic due to the financial crisis.

**Political impact:**

The coronavirus 2019 has much impact on the political system of the country. Not only inside politics but outside politics is affected. Inside politics here means politics within the nation. The election of different countries is postponed. In the hard times of Corona, all the political parties both opposition & ruling stands with the same objective of fighting against Corona. Politics outside the country stands for political relationships with other countries, which are changed for many countries. Some countries, previously not many friends get close to each other for different medicinal or financial services to defeat the worldwide Corona pandemic.

**Social impact:**

Coronavirus impacts the social system of every country to a great extent. Due to the viral disease, the administration system of most of the country is framing strict rules to avoid gatherings. Social distancing and the use of the mask is mandatory to protect oneself from the inflection. So, all educational institutions, religious functions, places of entrainment, tourism, cinema halls, restaurants, and parks are banned for many days. The general public is cooperating bravely with the administration and is staying at home. So, the social relations within the family gets strengthened as they have enough time to spend with family.

**Cultural impact:**

The impact of COVID19 is observed in the cultural atmosphere also. Many festivals, religious and cultural events this year are celebrated differently than ever i.e. these are concentrated within a family member only.

**Ecological impact**:

The ecological impact of Covid19 can be noticed from the viewpoint of nature. Pollution and emission have significantly reduced due to lockdown. The quality of air, water, and nature purified. This is a positive impact.

If we take a single person, then the impact of Coronavirus from his individualistic viewpoint can be divided into two aspects:

**Impact on physical health**:

The physical impact of the Coronavirus or COVID19 is seen in the form of different panics and hazards of its symptoms. The gaining of weight by most of the people is also visible around our society. Due to less workload and more leisure, many physical changes in the body of different people are seen.

**Impact on emotional & mental state of mind:**

The ongoing Coronavirus affected our emotions and mental health heavily. In many cases, the closet one of the dearest of some people is separated from them due to nationwide lockdown. This is the most trending emotional effect. In some cases, the patients of COVID19 got miserable death, and many cases are reported of the mistreatment of the Coronavirus by other people. The most emotional effect of the Coronavirus is that the dead body of the person from the Corona Virus cannot be even given to the relatives or the closet one for the funeral.

Along with that the mental suffering of the people is one of the major impacts of the Coronavirus. Lockdown closes all the important institutions like the educational system that are completely affected, which influences the mental health of the Child. The increase in fatigue among the people and the threat of being infected is a major concern of the entire human mind.

**STRUGGLE WITH CORNA VIRUS AND NEED FOR PREPAREDNESS**

All the human being of the universe is struggling with the Coronavirus and every nation is playing the reprehensive role in this regard for its people. Many countries are trying to find out the proper drug or antibody for the virus. Different researches are carrying on in different countries to defeat the virus. But meanwhile the World Health Organization suspected that the Coronavirus could sustain medical science as AIDS types disease forever. The vaccine for which is not found yet but researches is going on for the invention of the vaccine. The developed countries of the world in terms of research and technology are working hard to find out the antibody and experimentation and testing are going on. The less developed countries or developing countries of the world have no choice except following the nationwide lockdown. The people must follow social distance and stay at home until some development in medical science against the virus occurs. The virus is rapidly spreading to humans and goods & material components to human. The institutions or organizations where people gather like educational systems, malls, markets, meetings, and so on should be avoided or these should reopen with complete preparedness only. These essential services should be performed at home and with social media.

Since we are aware of the symptoms of ongoing Coronavirus from various news and media. We should be very careful about this. If any such symptoms like cold fever, coughing, and respiratory disorders are experienced we should contact the medical personnel and should avoid the public. So, the use of basic sanitary measures and minimum distance maintenance is necessary for all. The use of the product from unknown sources should be avoided and the use of masks while moving outside is somewhat effective to protect oneself from the virus. We should always remember that vaccine for the virus is not invented so far so the rules and regulations framed against the virus should be followed. The awareness among the unaware people should be spread with media through mobile & internet as much as possible and we should have to follow an idealistic lifestyle these days. Preparedness is very essential to fight the situation. We should not waste any products unnecessarily and try to produce at home as much as possible to avoid the scarcity which may arise in the future. The help and assistance to the nearby poor people is also an important way to deal with COVID19. Otherwise, we will lose the battle. Because we already have seen that our unpreparedness and insincerity leads to much terrible situation in any country. So, to defeat the virus both physical and mental preparedness by us is a great weapon against the Coronavirus.

**CORONA VIRUS\_AS A LESSON**

Coronavirus is teaching us a lesson on the importance of preparedness and self-sufficiency to deal with such unseen diseases. It also taught us the importance of further innovation and investment in the field of research in medical science, which was overlooked over time. Negligence of research in such field and unpreparedness can be to what extent dangerous, is reflected by the terrible situation of the current health system. Due to improvement in medical science, it made us such an insincere and overconfident, that we forget to adopt some basic preparedness to protect own health. Some people even do not bother to indulge in working with an unhealthy and unhygienic business. It is because of the overconfident in medicine and due to less threat of death for improved medical science. This example clarifies the above statement; say for example we have many options to feed ourselves i.e. rice, bread, fruits, vegetables and so on; which are not harmful to our health. We can live a normal life with that. But due to the greediness nature of human beings, we do not mind consuming animals, mammals, birds, and even some toxic elements, for which various unseen diseases spread out. This is only one example, but many such works are doing every day by us by over trusting the medicine and making short term decisions only. Money only matters in the present world, to gain that knowingly or unknowingly we often take some irrational decisions. As a result, we have to suffer from many terrible situations in the future. This virus taught us a lesson for being prepared for such diseases in the future, of which no medicine works to stop the spread of it.

Not only an individual but also the world as a whole got a lesson from Corona Virus for preparedness. A nation should not rely on other countries at all times. The importance of self-sufficiency in all respect is learned by many countries. Many backward countries are waiting for developed countries for their invention of medicine because they have no potential. Such countries now got a lesson on the importance of storing funds and investment to develop the research to fight with Corona like a disease. Again due to the broken trade cycle, scarcity of various commodities is the burning problem of many economies of the world. So, to meet the demand & supply gap many countries started production within the domestic territory, which is a step towards self-reliance or self-sufficient nation. The preparedness within the nation, the states, districts, villages, and even bottom layer i.e. the family is noticeable in many countries. Many people started to utilize their resources fully and are making rational use of resources to avoid the scarcity and to avoid the resource from unknown sources. The unusable lands are used for growing vegetables in home, clean cotton cloths are utilized to sew mask in-home, teaching and learning are done in the home with the help of E-media or electronic media, the exercises for fitness also are performing at; these are some example only, thus preparedness started to get rid of Covid19 from the world.

**CORONA VIRUS AND FUTURE PROSPECT**

To defeat the Coronavirus, the doctors, scientists, and researchers around the world are in a race with time to find out the proper preventive measure or vaccine of COVID19. Doctors in many countries are trying different therapies, they even are using the old drug to combat the continuous spread of corona disease. In different countries, various testing is going on. The most recent one is the experimentation with the leprosy drug by Indian pharmaceutical giant. In some Corona positive cases, HCQ or Hydrochloroquine, an antimalarial drug has worked effectively. India supplies this drug to several countries of the world. In some COVID positive cases, HIV (Human Immune Deficiency) drug is working nicely. Some other cases are cured by Favllavir, Remesdivir, Plasma therapy, etc. But till now the proper drug for the particular virus is not found. Recently World Health Organization has revealed its pessimistic opinion regarding the virus.

To fight with the ongoing COVID19, every country is developing their basic health infrastructure, in many countries, the separate hospitals for the Corona Patients are created, provision of basic facilities to corona patients are considered, quarantine rooms are provided, the need of cleanliness is spread to the rural areas by local Asha, a medical worker. In the future also further improvement in the health system of the world is our common wish. But it is also true that with the invention of modern technology and the spread of rapid urbanization our ecosystem is gradually harming, so climate change and global warming are burning concern for the whole world. Due to such human activities, the emergence of various new and unseen diseases are becoming a trend. And this trend will occur also obviously in the future. If the drug for the Corona Virus is luckily invented, then at present the situation will come under control. But, the probability of occurrence of such unseen diseases in the future will not reduce until we take the Corona Virus as a lesson today. Again if unfortunately, the drug for the Corona Virus may not find in this year or a short period, then we all must be very careful as lockdown cannot be possible for a long time. Because we will die in starvation instead of dying in Corona Virus if a lockdown extends for a very long period. So, to fight with such hilarious virus our contribution in terms of following rules framed by the government, supporting doctors, nurses, police, taking basic measures like maintaining minimum distance, wearing of a mask, continuous sanitization, conserving and optimal use of resources are very essential. So, if the drug cannot found in the initial future then the mere future of humankind greatly depends on our activity or it depends on how seriously we have taken the virus or what lesson we got from the Coronavirus.

**CONCLUSION**

Coronavirus, being surviving with some characteristics like cold fever, dry coughing, and respiratory disease has completely changed the worlds functioning by teaching us a lesson of preparedness. The spread of the virus is rapid with the medium of interaction. The virus bears another interesting character that irrespective of age it transmits to people. Doctors are with the opinion that the strong immune system of the people is essential to avoid death from the virus. So, generally, the older people, children, and patients of other serious diseases are at risk if the Coronavirus attacks them. The COVID19 is not only inflecting humans but also other animals like bats and alpacas are not left from the attack of the virus. According to a group of researchers the COVID19 virus is mostly found in bats and some believe that from bats or other seafood products consumption by Chinese people is the reason for the transmission of the virus to the human body. The exact drug for the COVID19 is not yet found but its possibility is there as many types of research are going on. It is denying fact that Coronavirus or COVID19 taught a lesson of preparedness for the future but it also made a particular lesson independent, self-reliant and self-sufficient in many respects. Human generally tends to forget, so if the medicine is found and the situation becomes normal, then we should not forget of the current situation and preparedness for future still should be carried out to avoid the current situation in future. So, preparedness for the future in terms of finance, research, and development in medicine, basic health care is an urgent need. In conclusion, I want to add that as we all know prevention is better than cure, so generalizing the statement we can say that it is, of course, a better option to adopt preventive measures before than to cure after suffering.

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