



SOCIOBIOLOGICAL IMPACT OF CORONA VIRUS: IN INDIAN PERSPECTIVES

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Last week of December 2019 China States that a cluster of case of pneumonia of unknown cause in Wuhan city in Hubei province. The world health organization states in January 2020 2nd week that Chinese research have made "Preliminary determination of the virus as a novel corona virus." Since today more than thousand to thousand deaths have been reported due to COVID-19 across the world till 21 April 20, 2020 including in India.

The Coronavirus are large family of viruses to cause more server disease as Sever Acute Respiratory Syndrome (SARS) & Middle East respiratory syndrome (MERS). The Coronavirus are positive standard RNA viruses with a crown like appearance under an electron micro scope. (Actually corona is considered from Latin word coronam that means crown & this structure visible due to the presence spike glycoprotiens on the envelope.)

The classification of a coronavirus is orthocoronavirinae (subfamily), Coronaviridae (family), Nidovirales (order). It classifies for genera of CoVs.

Alfa corona virus (Alfa CoV), Beta Corona virus (Beta CoV), Delta coronavirus (Delta CoV), Gammacorona virus (Gamma CoV).The beta corona virus genus divided into five sub genera. 1,2,

The spike protien of novel corona virus binds& fuses to human cells allowing the virus to attain entry. The spike protein of CoV shares about 98% sequence identifine with the spike protein of the bat corona virus. The severe respiratory syndrome coronaviruses. The spike protien of the SARS- CoV-2 that cause corona virus disease (COVID-19) binds to the cellular receptor called angiotensin- converting enzyme 2 (ACE-2). It serves as the entry point into human cells. The high affinity of the novel CoV-19 for human ACE-2 may contribute to the apparent ease with which the CoV-19 can spread from human to human.

The WHO has declared that COVID-19 to be a pandemic. The symptoms of COVID-19 appears with two to fourteen days, after the exposure and include fever, cough, running nose & difficulty in breathing.

It primarily spreads through the respiratory droplets of infected person. If a inspected person touches a surface or object that has been infected by the virus & then touches his own mouth, nose, or eyes, he may get infected. All age group of peoples affected by COVID-19.

Regarding symptoms, the guidelines from the union health ministry of India for early recognition of COVID-19. The virus can be detected using RT-PCR & reverse transcription polymerase chain reaction test is DNA based. In India the Government facilities to the test for the virus including many labs belonging to the Viral Research & Diagnostic Laboratories network of Indian Council of Medical Research (ICMR) labs under the National Centre for Disease Control (NCDC). The treatment of COVID-19 there no any possible methods, vaccines, medicine in all over world. No specific antiviral are recommended for the treatment of those who suffering from COVID-19.

In India it is very painful challenge, how Indian can break the chain of transmission of COVID-19. Our Prime minister suggest Janta curfew& lockdown phase 1 phase 2 & strictly follow the social distancing.

The Social distancing measure are steps that we can control the social contact between individuals. Stay homes safe the life. We instructly follow the direction of Govt. of India & state authorities guidelines.

Result of this janta curfews, Lockdown phase 1 & 2, social distancing, stay home & safe life, India have achieve the control position in the transmission of COVID-19 in compression to America, Italy, Spaine, & other countries.

Besides this we follow this condition, our country India has facing major problem caused by the transmission of COVID-19 in Indian society. A large number of workers & labors working in other states in the big cities of India get enough food & re-displacement them. Due to country vide lockdown, the work has stopped in the cities. Due to the closure of work the

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problem of livelihood has arisen in front of them. The livelihood of Indian laborers are reflected not only in the concern of food but also on the concept of the cost of the living in city, the desire to earn money & family maintain ace with same money. All the Indians are worried about there future due to COVID-19 epidemic, in which the working class is more apprehensive about this epidemic.

The havoc of corona they facing dual challenges, their priority is to keep themselves alive first, the secondary problem is to protect ourselves from the spread of COVID-19 infection in the metros workers, do not have a house to maintain physical distance in their living. Their living system always partnership that was to be destroyed them living. This is cause to force to flee for fear of COVID-19.

The announcement made by honorable Prime Minister to increase lockdown by 3 May 2020 is in accordance with the strategy of fighting that epidemic. This is undoubtelly hearting the common people, but the reality is that it is difficult to control the infection without it.

The world health organization is continuously supporting this step of India. Certainly the common man is facing problem due to lockdown, due to this all economic activity is stopped. The central Govt. & the State Govt. have kept the supply of essential commodities out of lockdown. Due to long term economic burden is being expressed in various areas, crores of people were affected, in forming, micro small & medium industries.

The Central Govt. & State Govt. have from time to time taken appropriate and affected decision to decides

the interest of ordinary people. On the call of Prime Minister, the Central & State Govt. provide sufficient food for poor, labors& helpless people & money in their bank account for their survival. The U.P. Govt. clearly order to district magistrates no one should go hungry in this crisis. At the time of this global pandemic, the NGOs in India industrial houses & most of the Indians are continuously support the poors by means of money & food also.

This is time to call for moral courage and human dignity for leadership. The Prime Minister has stood up with full zeal to protect the life of the common people of the country by utilizing the limited resources of the country. Today the whole country stand with the Prime Minister. In the time this global disaster not only to protect ourselves but also to protect our human sensibilities. Our condolences to those who make or provide resources for us. It is important to be sensitive towards doctors, policemen, paramedical staff, scavengers, media person etc. This is the time of human compassion. A question flashes in the mind that what will be the world be like after COVID-19 ? ofcourse future global communities will focus on health services, not weapon, life cannot be lived through weapones, life can be made by generating good health facilities.

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