INTRODUCTION

Natural disasters are natural-made events. This is toxic to the environment, and it also causes deaths. Reason—all-natural disasters are hurricanes, earthquakes, forest fires, disease pandemic, and tsunamis. This causes mass destruction, there's a massive loss of life in these cases. In this world, people are more vulnerable to natural disasters(Cassar, Healy and von Kessler, 2017). If there is a rise in population, the impact is larger and this also results in deprivation. Globally, natural disasters are on the rise, mostly in developing countries, and are the worst affected in those places. Improved responses and best practices are important for the prevention of this disease (Lee, 2016). A major disaster that has occurred in the year 2020 is COVID-19 or commonly called CoronaVirusDisease 2019. The transfer of this zoonotic virus has been found to be increased among human beings(Zhou et al., 2020). Symptoms of this disease will be fever, cold, dry cough, sore throat, and tiredness (Fang et al., 2020). Evidence states that COVID-19 was originated in Wuhan, China in December and its progression has been increasing at a rapid rate(Sohrabi et al., 2020). Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infects host cells through ACE2 receptors, prompting coronavirus illness (COVID-19)- related pneumonia, while additionally making intense myocardial injury and interminable harm to the cardiovascular system. In this way, specific considerations have to be given to cardiovascular insurance during treatment for COVID-19(Zheng et al., 2020). Finding a vaccination is not as easy as there may be many side effects(Kumar and Brundha, 2016). The blood purification framework incorporates plasma trade, adsorption, perfusion, blood/plasma filtration, and so on. It can expel inflammatory factors and "cytokine storms", along these lines lessening the harm of inflammatory response to the body, and can be utilized for rewarding serious and basic patients in the early and center phases of the cytokine storm. Immunoglobulin can be used in severe cases when indicated, but its efficacy needs further evaluation(Shen et al., 2020). Kala Azar
also known as black fever first came to attention in the year 1824 in Jessore, India. People initially thought that it was a different form of malaria. It is also known as Assam fever as it created mass damage in Assam. This fever was characterized by enlargement of spleen, liver, and relapses. 75,000 people died during this attack. It is caused by the parasite, Leishmania donovani. The agent which caused the fever was 1st isolated by Dr. Leishman in Dumdum, Calcutta, India (Gupta, 1947). Nipah virus, a paramyxovirus related to Hendra virus, first emerged in Malaysia in 1998. Features of this outbreak were atypical and most patients were adult males rather than children. It is caused mainly due to physical contact with the pigs (Ang, Lim and Wang, 2018). Our team has rich experience in research and we have collaborated with numerous authors over various topics in the past decade (Deogade, Gupta and Ariga, 2018; Ezhilarasu, 2018; Ezhilarasu, Sokal and Najimi, 2018; Jeevanandam and Govindaraju, 2018; J et al., 2018; Menon et al., 2018; Prabakar et al., 2018; Rajeshkumar et al., 2018, 2019; Vishnu Prasad et al., 2018; Wahab et al., 2018; Dua et al., 2019; Duraisamy et al., 2019; Ezhilarasu, Apoorva and Ashok Vardhan, 2019; Gheena and Ezhilarasu, 2019; Malli Sureshbabu et al., 2019; Mehta et al., 2019; Panchal, Jeevanandam and Subramanian, 2019; Rajendran et al., 2019; Ramakrishnan, Dhanalakshmi and Subramanian, 2019; Sharma et al., 2019; Varghese, Ramesh and Veeraiyan, 2019; Gomathi et al., 2020; Samuel, Acharya and Rao, 2020).

COVID - 19 - PANDEMIC

The novel coronavirus (COVID-19), 2019, or also called as Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV2) has its origin in Wuhan, Hubei province, China. This coronavirus is an RNA virus. The range of this virus is from 60 nm to 140 nm in diameter, on the surface, they have spikes like projection. This can only be viewed with the help of a microscope. Coronavirus has been causing mild diseases related to the respiratory system (Watkins, 2020). On December 31, 2019, China informed the world health organization (WHO) about the spread of the virus. Yet it was too late, and the exponential dissemination had now started all over the world.

It was unstoppable, as the spread was at a terrific rate which resulted in the loss of people's lives. In Italy March 12, it was reported that there were 12,462 positive cases and 827 deaths (Remuzzi and Remuzzi, 2020). The healthcare workers are prone to the corona affecting zone. Washing hands, maintaining social distancing, maintaining good self-hygiene, staying at home – keeping a self-quarantine, and maintaining social distancing can reduce the spread and also help the workers to be at ease (Driggin et al., 2020). Due to the spread, transport services have been halted, everything has been monitored and screening tests have been carried out on people. (Watkins, 2020) Airports have been closed, international flights have been blocked and none of them have been permitted to leave the country or perhaps even the state. Citizens traveling from China have been segregated and special tests have been done for them.

Evidence of Disaster-2020

Wang’s study shows that a large number of people who have been diagnosed with SARS-COV2, increased 31.4 times in China. This states that the spread of this virus is faster than any other virus. This evidence also suggests that this disease has a higher rate of progression in elderly people than the younger generations. (Sun et al., 2020).

The evidence states that people with symptoms of COVID-19 are not being tested for the virus in certain places. Checkpoints are built-in hospitals. Many patients with other illnesses may stay home and not attend the hospital, except in emergencies (Sardu et al., 2020). Stress in individuals, especially doctors, has increased due to an increase in patients and a lack of personal protection and treatment equipment. (Spinelli and Pellino, 2020). Evidence states that during this pandemic, several travel restrictions have been implemented. People need guidance during these situations. While safety precautions have been taken, the mortality rate in Spain has risen steadily and they have had no choice but to give up. (Remuzzi and Remuzzi, 2020). Awareness has to be brought about the usage of personal protection equipment among all health care workers. (Brundha, 2015; Ravichandran and Brundha, 2016).

Symptoms Of Covid 19

People under all age groups are susceptible to this disease. Droplets are the main source of transmission. These droplets are generated through coughing or sneezing. The droplets generated stay in the atmosphere for a certain period and it is viable at a range of 1 to 2 m it may also get deposited in almost all the surfaces. A favorable atmosphere is necessary for the virus to live, but some disinfectants kill the virus in seconds. Disinfectants like sodium hypochlorite (bleach) and EPA registered household disinfectants are being widely used to kill this virus present in the atmosphere (Rothan and Byrareddy, 2020). The transmission of the virus through the oral route is also possible (Driggin et al., 2020). The reproduction rate of this virus is 2 to 6.47 as referred from different studies. But the rate of SARS-H1 N1 flu is 2 to 13. So this evidence states that the COVID-19 rate is higher than that of SARS-H1N1 (Singhal, 2020). The France health minister has asked people to use paracetamol (acetaminophen) instead of ibuprofen to bring the condition under control (Day, 2020). Many complications...
were included like difficulty in breathing, Acute Respiratory Distress Syndrome, shock, and also kidney injury. Fever, sore throat, and cough are the major symptoms of this deadly disease. But sometimes this novel virus can also occur without symptoms-asymptomatic, which is a major threat to the environment. Some tests use throat swab, sputum-respiratory samples, as it is related to the respiratory system. Elderly people must be extremely cautious(Lakshmi, Rani and Brundha, 2020),(Rexlin, Preejitha and Brundha, 2020). The PCR channels which we use currently don't have a panel for COVID 19. In India, the samples have to be sent to specific laboratories, especially present in Pune. The time consumed to transport the sample is even longer, which constitutes a significant disadvantage. Yet the white blood cell count is normal during this timeframe(Gu, Han and Wang, 2020). The regular lab test was not enough to differentiate COVID-19 from other hospital infections like influenza, Adenovirus et cetera. The interpretation of the lab reports by the doctor is important (Dhivyadharshini and Brundha, 2020). The travel history of the people plays an important role in these situations (Ang, 2020). Personal protective equipment is a must for hospital workers. Many kinds of research regarding, the relationship between diabetes and COVID are being conducted (Preethikaa and Brundha, 2018; Sowbaraniya, Preejitha and Brundha, 2020)

**Combat- Covid 19**

There is no particular treatment for curing this disease nor any antidote, except in order to eradicate it, the health services are tortured and burdened across the world. Mass gatherings, religious festivals, and even events like Christmas, Diwali, Pongal, Ramadan, and also cultural events, political events, international, national conferences should be avoided during this time. All gatherings in the family before a vaccine has been detected will be avoided. Work from home has to be initiated and students can take their courses through online classes. The public gathering and the events are the main cause of transmission of this respiratory infection(Ebrahimi et al., 2020). Social distancing decreases the frequency of spread and also the transmission of COVID-19 virus from person to person. All the offices are dozed off and all modes of transportation have been stopped as these are the major contributors for transmission of the infection(Ebrahimi and Memish, 2020). Sometimes the fecal-oral transmission is also possible(Gu, Han and Wang, 2020). Therefore people must consult a doctor and have a general checkup done to maintain good health(Shenoy and Brundha, 2016; Varshini, Rani and Brundha, 2020). Hematological reports are important and need to be maintained, for reference, in terms of emergency(Naveenaa, Rani and Brundha, 2020),(Brundha, Pathmashi and Sundari, 2019). Face masks provide effective protection against respiratory infections. The use of face masks has expanded, which lead to a lack of production and a climb in the cost. Re-use of the dispensable face masks prompts an expansion in the danger of contamination(Feng et al., 2020). Wash hands frequently with soap and water for at least 20 seconds or use an alcohol-based hand sanitizer with at least 60% alcohol to protect yourself from the virus(Bashyam and Feldman, 2020).

**Funds And Government Support**

The rapid spread of the novel coronavirus has initiated a wide range of responses and comments from the government. The Government has prohibited and taken various steps to close all educational firms, restrict travel, public meetings, and even tourism. As a consequence, life now depends on the Internet(in online). Classes, seminars, shopping, and everything is being recommended to be done online by the government. Some online subject related games have also been introduced to keep the students active subject related games have also been introduced to keep the students active. Many types of research were done to bring awareness among the people(Studies have proved that popplet notes are more effective than conventional notes(Prashaanthi and Brundha, 2018). Global warming has also been reduced due to this disaster. But there are quite a lot of difficulties and losses faced during the lockdown. Government support is essential during these situations(Qarnain, Muthuve and Bathrinath, 2020). The government helps people by supplying food, face masks, and all the requirements needed for the survival of an individual. Education has turned online, conventional flipped classes are being followed and online practice questions are being given by the schools and colleges to enhance the students’ knowledge. Proper guidance from the government is needed to fight this disease(Website, no date; Kalaiselvi and Brundha, 2016). Patients should be educated about the warning symbols located in the hospital.(Mounika, 2016). The lockdown initiated by the government are steps to safeguard the people from getting affected by this life taking virus. Even during difficult times, however, health workers and the defense department continue to save lives.(Van Bavel et al., no date). Many types of research are being done by people to find a solution to this problem.Somewhere to find red blood cells(Brundha, Pathmashi and Sundari, 2019), dental pulp stem cells(Timothy, Samyuktha and Brundha, 2019), liquid paraffin(Hannah et al., 2019),haemoglobin values(Shreya and Brundha, 2017)and various other diseases(Varshini, Rani and Brundha, 2015). Many types of research were done to bring awareness among the people(Harsha and Brundha, 2017),(Balaji, Brundha and Path, 2016)Our institution is passionate about high quality evidence based research and has excelled in various fields (Pc, Marimuthu and Devadoss, 2018; Ramesh et al., 2018; Vijayashree Priyadharsini, Smiline Girija and Paramasivam, 2018; Ezhilarsan, Apoorva and Ashok Vardhan,
CONCLUSION
The newly emerging coronavirus-COVID 19 which has spread all over the world, will be dangerous until a vaccine or a drug has been found. The protective measures have to be taken seriously by the people, otherwise, it may cause serious damage and also lead to re-occurrence of the virus after some time. There is a probability for a second wave to occur, "the virus can disappear and reappear after 2020".

REFERENCES


