FINAL CORONAVIRUS IN CALIFORNIA

Name

Institution Affiliation

Date

**Overview**

From the reports given by the World Health Organization, people with a preexisting health condition are more vulnerable to Coronavirus compared to the ones with no other condition. The body fails a condition to process food for usage in energy production. When a patient has Diabetes, the level of blood glucose rises, stimulating pancreatic beta cells producing insulin. The insulin triggers the fat tissue cells and muscle liver for absorption of glucose for storage. The level of blood glucose falls during the absorption of the glucose. Therefore, people living with Diabetes will probably experience severe symptoms and complications when they get an infection of the virus. Individuals with preexisting conditions like Diabetes should strictly adhere to the containment measures to prevent and reduce the spread of the virus. The measures include washing hands regularly, avoiding shaking hands, cleaning, disinfecting objects, and surfaces touched frequently, and avoiding contacting anyone showing the disease symptoms like coughing.

**Facts**

* The total number of cases in Los Angeles, excluding Long Beach and Pasadena, is 1170816
* The total number of death cases in Los Angeles is 22703
* Pomona is the one with the highest number of confirmed cases with a total caseload of 24272 and four hundred and fifty deaths.
* The total number of hospitalized people is three hundred and seventy-nine, while the number of suspects hospitalized stands at ninety-four.
* The total number of those confirmed under the Intensive Care Unit is eighty-seven.
* People aged from thirty years to forty-nine are the most affected people while the least affected are those below the age of five. Those affected at eighty years and above are 389357, while those below five years are 29367.
* The total number of people tested is 6557114, and the percentage of positive people is 17.5%.
* 11.1% of individuals in Los Angeles are living with Diabetes
* In most cases, the poor are the most people who suffer from the severe symptoms brought by Diabetes, including lack of proper management of the victims in their families. Therefore, it is so difficult for them to manage the situation even during the pandemic.
* The risk factors of this condition are that it lowers a person's immunity, thus making it difficult for the body to fight against the disease.
* However, the high rate of Diabetes prevalence makes it an essential comorbidity in Coronavirus victims (Singh et al., 2020).

**Summary**

The resident should be aware that the corona virus, when mishandled, ignoring the measure put in place that includes wearing masks in public places, might lead to many fatal deaths. They should ensure that they keep the restriction measure like avoiding contamination with infected people and washing hands regularly to avoid any severe effects of covid 19. Those individuals with Diabetes disease should also stay home and avoid crowded places to avoid being infected. They should also take foods that will boost their immunity, like fruits, among others. They should seek quick consultancy from the doctors whenever they feel any symptoms associated with covid 19, like dry coughing, to avoid the severity of the condition.

References

Singh, A. K., Gupta, R., Ghosh, A., & Misra, A. (2020). Diabetes in COVID-19: Prevalence, pathophysiology, prognosis and practical considerations. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*, *14*(4), 303-310.