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Covid-19 and Healthcare System

Covid-19, also known as Coronavirus is the virus that has caused a huge damage in the world by killing thousands of people and wrecking economy of various countries. The first case of the virus can be tracked back to 17 November (Davidson 2020). The virus started spreading rapidly and in a few months, it became a global pandemic. Covid-19 pandemic is one of the worst pandemics in the history. The pandemic impacted many businesses and organizations. Most importantly, it had a great impact on the healthcare systems since it was becoming difficult for the doctors and health care workers to stop the spread of the virus. The virus also spread rapidly in Canada which the healthcare system was unable to stop. As Canada is doing poorly in handling cases, Canada needs to take significant steps to improve the way country's healthcare System is performing. Seeing the statistics related to Coronavirus cases will show the performance of the Canadian healthcare system compared to few other countries. Some significant steps such as effective testing and contact-tracing and investing more money on vaccines needs to be taken by the health care system of Canada to reduce the spread of the virus.

When it comes to the analysis of statistics of the cases and deaths of Canada compared to a few countries, Canada is not handling well which will show that the Canadian healthcare system needs some improvement to stop the spread of the virus. As of July 2020, Australia had

307 cases per million people and New Zealand had 244 cases per million people, which is better than Canada with 2,753 cases (Bejan, Nikolova 2020). Deaths per million rate of Australia and New Zealand is way lower than that of Canada. As of July, 2020, Canada had 227 deaths per million, whereas Australia had 4.1 and 4.5 deaths per million (Bejan, Nikolova 2020). The statistic shows that Canada needs to improve the way that healthcare system is performing to decrease the number of deaths and cases. The main reason for that Australia and New Zealand has low amount of cases and deaths is strong public obedience to the law, early national lockdown measures, and extensive testing facilities (Perper 2020). Another reason is that the country did not ease the Covid-19 restrictions even after the early success. (Perper 2020). Canada also needs to come up with strategies to reduce the number of cases.

Why is the Canadian healthcare system not performing well? One of the reasons that the Canadian health care system is not doing well was because it was not ready to face a pandemic like this. The health care system did not have enough medical resources to tackle the pandemic and thus it was spreading rapidly. The Canadian government and the Healthcare system need to take some steps to stop the spread. How can the Canadian Healthcare system perform well in handling the cases? Canada should promote more effective testing and contact-tracing methods so that the infected person could be traced and quarantined to stop the spread of the virus and save numerous lives. Most of the health-care clinics do not provide effective Covid-19 tests. Testing negative does not show that a person does not have Covid-19 (Miller 2020). Even if Covid-19 patients were truly positive, they were found to have one fifth chance of obtaining a negative test outcome during their infection (Miller 2020). Due to inexact results it is hard to stop the spread of the virus. Healthcare system should come up with a responsive and effective

way of testing the virus really soon, so the virus can be stopped before it spreads even more.

Other than the testing method, the contact-tracing method of the Canadian health care system is not very productive and because of that citizens do not know if they came into contact with the virus unless they have the symptoms. A mobile application was developed to detect if an individual came into contact with someone who was infected with the virus which is not effective. The problem with this method of contact-tracing is that not every infected person reports to the application and thus this method is not effective.

Are these steps enough to stop the spread of the virus? Effective contact-tracing, responsive testing methods or spending money on the healthcare of the citizens when they are suffering from the virus is not enough. The Healthcare system should also invest more money in researching the vaccine and getting the dose of the vaccines. The vaccine is the most effective cure for the virus and developing it on time could save millions of dollars and thousands of lives. Research for the vaccine is an expensive task and more money needs to be invested on it. Canada should take inspiration from USA in investing money in the most effective cure of the virus. USA is investing a significant amount of money in the research of the vaccine. Canada also needs to spend more money on research to develop the vaccine quickly. As a part of Operation Warp Speed, which is an organization that is researching the vaccine for the Covid-19 virus, the USA has invested more than \$10 billion (Higgins-Dunn 2020). The organization has targeted to supply at least 300 million doses of Covid-19 vaccines by January 2021 (Higgins-Dunn 2020). The operation has secured over 2 billion doses of the vaccine from different companies like Moderna, Johnson & Johnson, and a few other pharmaceutical companies (Higgins-Dunn 2020). Whereas Canada's investment has not even reached a billion dollars and so far Canada has only

secured 282 million doses of the vaccine (Cotnam 2020). In conclusion, if Canada invests more money in researching the vaccines and securing the doses of the vaccine, many lives could be saved.

It is difficult to stop the spread of the virus if healthcare systems do not respond to the virus productively. Not having functional contact-tracing methods and effective testing methods and not spending enough money in researching and securing vaccine doses are the reasons why Canadian healthcare system is not handling the cases well. If Canada improves the way the country's healthcare system is performing to reduce Covid19 cases, more than thousand lives and millions of dollars could be saved.

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