



Covid-19 Safety Measures Vs. Reality

Senior Project

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By

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Abstract

COVID-19 has had an impact on the entire globe. As time goes on we learn more about the virus and how to safely protect ourselves. Ensuring that the most current safety measures are being used is important. It is evident that a large number of individuals are not up to date with the Centers for Disease Control and Prevention (CDC) recommended safety measures.

Covid 19 Safety Measures Vs. Reality

This study reviewed how current COVID-19 safety mandates are being used based on community windshield surveys, observations, interviews, and online pre/post test. The study is aimed at reviewing how individuals are implementing recommended safety measures and educating them on the importance of following the guidelines in order to protect themselves and others.

Material and Methods

This study was designed as a qualitative research approach. During multiple COVID-19 windshield surveys and testing sites, individuals were observed for how properly their safety measures were being used and questioned on their current knowledge of correct recommended interventions. Google forms were used to create a pre- and post-test on safety measures recommended by the Centers for Disease Control and Prevention (CDC), reference appendix A for full visual of both test. The test were posted on Facebook and participants were asked to answer the questions truly to give a visual on what information about CDC safety measures were known by the general public. After submitting the test participants were given the correct answers along with educational facts.

Results

It was noted that during observations and windshield surveys, individuals were not following proper protection advise. Thus, individuals' masks was not covering their mouth or nose and they continued to stay in crowds with less than six feet apart. When looking at the results of the pre- and post-test there was a moderate amount of participants who did not know the up to date CDC recommendations. For example, in the

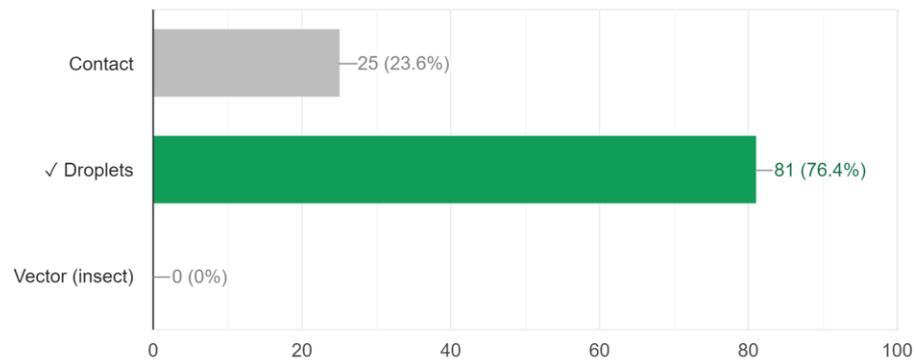
5 Locklear

pre-test 76% of participants answered “How is COVID-19 transmitted” correctly. During the post-test, this percentage improved to 90%. There was a sufficient improvement in the test scores between the pre/post. 95% of participants reported learning at least one thing from taking the test.

Pre-test

How is COVID transmitted?

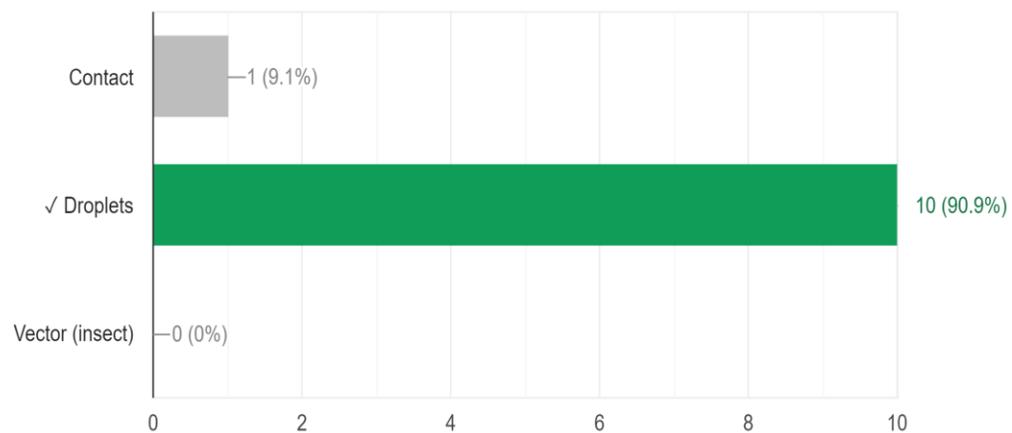
81 / 106 correct responses



Post-test

How is COVID transmitted?

10 / 11 correct responses



Conclusion

Based on the surveys, observations, and test results, individuals should remain up to date with CDC recommendations for protecting yourself and others. This includes wearing a mask over your nose and mouth, staying six feet apart, avoiding crowds, and washing hands often. Nonetheless, remember that COVID-19 is still a revelently new virus and new things are continuing to be learned. Stay up to date, protect yourself and others, and educate yourself on current COVID-19 vaccine options.

Appendix A

5/22/2021 COVID-19 Safety Measures PRE-QUIZ

COVID-19 Safety Measures PRE-QUIZ

Reference: <https://www.cdc.gov/coronavirus/2019-nCoV/prevent-getting-sick/prevention.html>

* Required

1. Select all the symptoms of COVID-19? * 0 points

Check all that apply.

Fever

Cough

Shortness of breath

2. How is COVID transmitted? * 0 points

Mark only one oval.

Contact

Droplets

Vector (insect)

3. What is the best way to prevent contracting COVID-19? * 0 points

Mark only one oval.

Keep only 3 feet away from people

Have family gatherings

Wash hands for at least 20 seconds

Wear your mask only on your mouth

<https://docs.google.com/forms/d/1EcZer8G8ANyULX115Qrl6-580oALZ7RNn-u7v1qR0/edit> 1/2

5/22/2021 COVID-19 Safety Measures PRE-QUIZ

4. How many feet apart does the CDC recommend to stand from another individual? * 0 points

Mark only one oval.

6

8 Locklear

5/22/2021

COVID-19 Safety Measures PRE-QUIZ

4. How many feet apart does the CDC recommend to stand from another individual? * 0 points

Mark only one oval.

- 6
 4
 2
 10

5. The CDC recommends only 1 layer of mask to be worn for effective protection? * 0 points

Mark only one oval.

- True
 False

6. How has COVID-19 affected your life?

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Google Forms

9 Locklear

5/22/2021 COVID-19 Safety Measures POST-QUIZ

COVID-19 Safety Measures POST-QUIZ

Reference: <https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/prevention.html>

* Required

1. Select all the symptoms of COVID-19? * 0 points

Check all that apply.

- Fever
- Cough
- Shortness of breath
- Temperature
- All of the above

2. How is COVID transmitted? * 0 points

Mark only one oval.

- Contact
- Droplets
- Vector (insect)

3. What is the best way to prevent contracting COVID-19? * 0 points

Mark only one oval.

- Keep only 3 feet away from people
- Have family gatherings
- Wash hands for at least 20 seconds
- Wear your mask only on your mouth

https://docs.google.com/forms/d/15BwEKqRF14eIQ4NmASECjwTo04se-KzNbdB_d3T7Nw/edit 1/2

5/22/2021 COVID-19 Safety Measures POST-QUIZ

4. How many feet apart does the CDC recommend to stand from another individual? * 0 points

Mark only one oval.

References

CDC. (2021). *How to Protect Yourself & Others*. Centers for Disease Control and Prevention. <https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/prevention.html>.

Pre-Test Link

<https://forms.gle/zJfrCbYtHhcZW8ZX9>

Post-Test Link

<https://forms.gle/y35G3GQ7893n9EnU7>