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My Personal Experience and Observations With **EcoProven** Anti-Viral Mouthwash/Spray

Following the Center for Disease Control and Prevention guidelines, nursing homes put pandemic plans into place in March to combat COVID-19. All staff are screened at the beginning of their shift for fever or symptoms of COVID-19 and wear a face mask at all times during their shift. All residents are tested for COVID-19 prior to admission and are monitored closely for symptoms of infection, changes in temperature or oxygen saturation, and change in their respiratory exam for 14 days after admission. They remain in their room for those first 14 days and staff take transmission-based precautions which includes face mask, eye protection, gloves and gown. However, a negative test prior to admission does not mean a resident was not exposed or will not become infected. Despite adherence to all precautions, a resident was admitted to our facility with a negative test who did have COVID-19. Four days after my first interaction with this resident, I developed a dry cough and sneeze and COVID-19 diagnosis was confirmed with polymerase chain reaction (PCR) testing.

I isolated in the basement of my home and utilized Eco-Proven 2 ml mouthwash four times daily and Eco-Proven nasal swab four times daily for 14 days. My symptoms did not progress beyond an occasional dry cough and sneeze and they fully resolved within 7 days. My husband and daughter utilized Eco-Proven nasal swab and mouthwash twice daily and did not develop COVID-19 infection. Testing 35 days post positive SARS-CoV-2 PCR revealed I did not have IgG antibodies to COVID-19. A UK study published in Nature Microbiology in October 2020 which sampled 65 patients with confirmed COVID-19 infection (with symptoms ranging from asymptomatic to critical) for the presence of antibodies found detectable antibodies in more than 95% of patients with IgG remaining high in most patients for up to 94 days after onset.

Five other subjects developed COVID-19 confirmed with polymerase chain reaction testing. Their symptoms included nasal congestion, cough, sneeze, fever, loss of sense of smell, and diarrhea. Four subjects who were 4-5 days into their symptoms initiated Eco-Proven 2 ml mouthwash four times daily and Eco-Proven nasal swab four times daily and symptoms improved for all in 48 hours. Household contacts utilized Eco-Proven nasal swab and mouthwash twice daily and did not develop COVID-19 infection. One subject did not utilize Eco-Proven and had more intense and prolonged symptoms.

The product appears to have eradicated the disease for me without a humoral immune response, shortened the disease course for four other subjects with confirmed COVID-19 infection and prevented disease in close contacts.

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