Evidence Based Development for Sani-Sniffer™

What's in Sani-Sniffer? *Scan Code to Review Research*

1. Essential Oils proven to kill viruses in the nose.

a. **Bay Leaf -** proven to kill the Sars-Cov1 virus.
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7152419/

b. **Olive Leaf -** phytochemicals found in olive leaf extract have shown high antimicrobial and antiviral properties by interfering with the ability of bacteria and viruses to replicate themselves and cause infection.
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3002804/

c. **Elderberry -** Two clinical trials using a liquid elderberry extract (Sambucol®, Israel) showed a reduction in symptoms and duration of influenza infection
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4848651/

d. **Eucalyptus -** oil-in-water emulsions formulated with 2% eucalyptus leaves extract inhibited flu virus replication.
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6604957

2. Other Ingredients in Sani-Sniffer™

a. **Aloe Vera** - is soothing and good for wound healing and it's good to keep your nose from getting chapped and dry that creates more ways for germs to get into your body. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3611630/

b. **Salt** - saline nasal irrigation is proven effective in infection control
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7528968/

c. **Baking Soda** - The coronavirus was found to be quite stable at pH 6.0 and 37°C (half-life, approximately 24 hours) but was rapidly and irreversibly inactivated by brief treatment at pH 8.0 and 37°C (half-life, approximately 30 minutes)." Topical baking soda can quickly change the PH environment in the nose.
https://sciencing.com/how-to-raise-ph-by-using-baking-soda-in-water-12258080.html

d. **Iodine** - researchers from the University of Connecticut School of Medicine found a weak concentration of 0.5% of iodine could completely inactivate the SARS-CoV-2 virus.
https://jamanetwork.com/journals/jamaotolaryngology/fullarticle/2770785

e. **Reverse Osmosis Water -** using reverse osmosis water insures removal of any reactive chemicals allowing the essential oils and other therapeutics to be diluted to a solution tolerable for application in the nose yet still effective for reducing the viral load of any potential pathogens entering the nose.
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6723865/