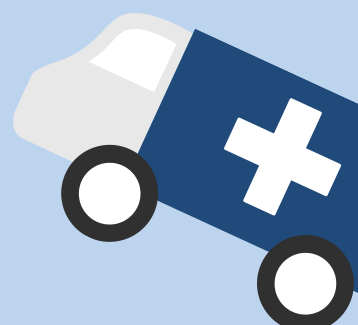
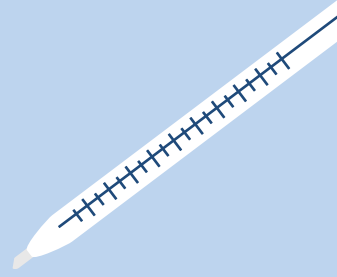
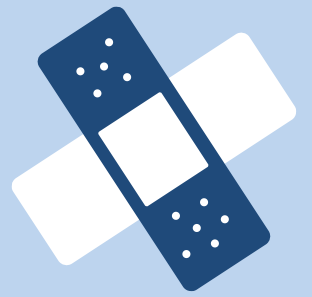
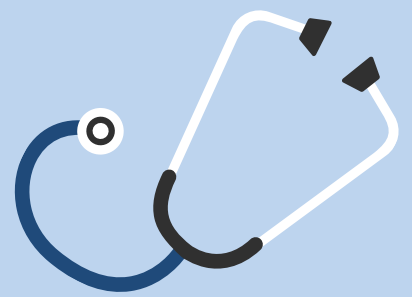


# 4 CLINICALLY RESEARCHED ARTICLES ON HAND SANITIZER USE AGAINST COVID-19



1

## INACTIVATION OF SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 BY WHO-RECOMMENDED HAND RUB FORMULATIONS AND ALCOHOLS

### BRIEF INTRO:

Infection control instructions call for use of alcohol-based hand rub solutions to inactivate severe acute respiratory syndrome coronavirus 2. We determined the virucidal activity of World Health Organization-recommended hand rub formulations, at full strength and multiple dilutions, and of the active ingredients. All disinfectants demonstrated efficient virus inactivation.

SOURCE: [https://wwwnc.cdc.gov/eid/article/26/7/20-0915\\_article](https://wwwnc.cdc.gov/eid/article/26/7/20-0915_article)

2

## PERSISTENCE OF CORONAVIRUSES ON INANIMATE SURFACES AND THEIR INACTIVATION WITH BIOCIDAL AGENTS

### BRIEF INTRO:

Currently, the emergence of a novel human coronavirus, SARS-CoV-2, has become a global health concern causing severe respiratory tract infections in humans. Human-to-human transmissions have been described with incubation times between 2-10 days, facilitating its spread via droplets, contaminated hands or surfaces.

SOURCE: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7132493/>

3

## VIRUCIDAL ACTIVITY OF WORLD HEALTH ORGANIZATION-RECOMMENDED FORMULATIONS AGAINST ENVELOPED VIRUSES, INCLUDING ZIKA, EBOLA, AND EMERGING CORONAVIRUSES

### BRIEF INTRO:

The World Health Organization (WHO) published 2 alcohol-based formulations to be used in healthcare settings and for outbreak-associated infections, but inactivation efficacies of these products have not been determined against (re-)emerging viruses. In this study, we evaluated the virucidal activity of these WHO products in a comparative analysis.

SOURCE: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5407053/>

4

## HAND HYGIENE AND THE NOVEL CORONAVIRUS PANDEMIC: THE ROLE OF HEALTHCARE WORKERS

### BRIEF INTRO:

The novel coronavirus (SARS-CoV-2) responsible for the current pandemic of coronavirus disease (COVID-19) that originated in Wuhan, China in December 2019 has now spread to 113 countries and territories outside of China (1, 2). SARS-CoV-2 is a betacoronavirus that infects humans and the disease presents mostly with fever, cough, and dyspnea (3).

SOURCE: [http://www.ecie.com.ar/images/paginas/COVID-19/JPP03\\_JournalPreproof\\_Handhygieneandthenovelcoronaviruspandemic.pdf](http://www.ecie.com.ar/images/paginas/COVID-19/JPP03_JournalPreproof_Handhygieneandthenovelcoronaviruspandemic.pdf)