

15th Annual Congress on Dentistry and Dental Medicine
39th International Conference on Dental and Oral Health

January 24, 2024 | Webinar

Mouthwashes as adjuvant in the treatment of Covid 19 patients: Review of literature and updates

Alhanouf Khalid Bin Hezaim

Prince Sultan Military Medical City, Saudi Arabia

Background: COVID-19 has wreaked havoc on the world, causing millions of deaths and even more permanent health issues. Studies have examined various adjuvant treatments for this virus, with existing literature indicating that the use of mouthwashes and oral rinses can reduce viral load as well as improve clinical symptoms. However, there are many different types of mouthwash products available, with both in vivo and in vitro studies having been conducted. The aim of this review of the literature is to examine the use of various mouthwashes as an adjuvant treatment against the COVID-19 virus.

Method: A database search of CINAHL, PubMed, Embase, and Web of Science databases was conducted using certain keywords and phrases, along with Boolean operators. The results were limited to those published between 2020 and 2023.

Results: A total of 16 articles were identified which examined five primary molecules in mouthwashes: hydrogen peroxide, povidone-iodine, chlorhexidine, chlorine dioxide, and phthalocyanine derivate.

Conclusion: There is good evidence to support the use of povidone-iodine, chlorhexidine, and phthalocyanine derivate as adjuvant treatments for COVID-19.

Biography

Alhanouf Bin hezaim is a Board Certified Pediatric dentist from the Saudi board of pediatric dentistry program. Throughout her career, she has presented at a number of national and international conferences and received multiple research awards. She is currently a consultant pediatric dentist at Prince Sultan Military Medical City.

Received Date: January 03, 2024; **Accepted Date:** January 05, 2024; **Published Date:** March 19, 2024