

Ozone therapy in the treatment of COVID-19 infection and our clinical experience.

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ABSTRACT

Citation

Yeprem L. Ozone therapy in the treatment of COVID-19 infection and our clinical experience [abstract]. Proceedings of the 7th WFOT Meeting; 2022 May 6-7; Bucharest, Romania. J Ozone Ther. 2022;6(7). doi: 10.7203/jo3t.6.7.2022.25986.

Academic Editor

Jose Baeza-Noci,
School of Medicine, Valencia
University, SPAIN

Editor

World Federation of Ozone Therapy,
Brescia, ITALY

Received

Jun 1, 2022

Accepted

Jun 1, 2022

Published

Dec 30, 2022

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COVID-19, which was diagnosed for the first time in Wuhan, China turned into a pandemic that affected the whole world, 265 million people were infected and 5 million 300 thousand people died, according to the December 2021 data. While researchers investigate effective treatment methods on COVID-19 Virus, vaccine studies are carried out to control the corona epidemical all over the World. Considering the effects of ozone therapy on the immune system based on the clinical studies, the treatment protocols for COVID-19 were created in the early stages of pandemic.

The purpose of this study was to investigate the effectiveness of ozone therapy in early and late stages of the COVID-19 infection in hospitalized patients in the State Hospital- Istanbul.

1st episode April-June 2020, 2nd episode September-December 2020 and 3rd episode March 2021-March 2022. In the 1st step isode the hospitalization criteria was different, we hospitalized 80 patients in early stage, the 2d and 3rd episodes hospitalization criteria changed and we hospitalized 353 patients but due to the criteria the hospitalization was later so the results changed accordingly.

We used Rectal Insufflations 450 ml ozone Oxygen gaz mixture 30 mcgr/ml daily for 5 days. We have concluded that early hospitalization and early ozonization decreases the duration of hospitalization and mortality.

KEYWORDS

COVID-19, Ozonotherapy, WFOT