

## ISCO3 compilation of the papers published on the use of O<sub>2</sub>/O<sub>3</sub> in the treatment /prevention of COVID-19.

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### Review Support O<sub>3</sub> Therapy (new entry are highlighted in red):

| I. Factor                                      | Paper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5.014<br>H index 33<br>Cite Score 3.7<br>3.943 | 1. Martínez-Sánchez, Gregorio, Adriana Schwartz, and Vincenzo Di Donna. Potential Cytoprotective Activity of Ozone Therapy in SARS-CoV-2/COVID-19. <i>Antioxidants (Basel, Switzerland)</i> 9, no. 5 (6 May 2020). <a href="https://doi.org/10.3390/antiox9050389">https://doi.org/10.3390/antiox9050389</a> . <a href="https://www.mdpi.com/2076-3921/9/5/389">https://www.mdpi.com/2076-3921/9/5/389</a>                                                                                                                                                              |
| 3.356                                          | 2. Morteza Izadi, Luca Cegolon, Mohammad Javanbakht, Ali Sarafzadeh, Hassan Abolghasemi, Gholamhossein Alishiri, Shi Zhao, Behzad Einollahi, Mandana Kashaki, Nematollah Jonaidi-Jafari, Mosa Asadi, Ramezan Jafari, Saeid Fathi, Hassan Nikouinejad, Mehrdad Ebrahimi, Sina Imanizadeh, Amir Hosein Ghazale. Ozone therapy for the treatment of COVID-19 pneumonia: A scoping review. <i>Int Immunopharmacol</i> 2020 Dec 21;92:107307. doi: 10.1016/j.intimp.2020.107307.                                                                                             |
| 2.60                                           | 3. Soumya Nagashri Manjunath, M. Sakar Manmohan Katapadi, R. Geetha Balakrishna. Recent case studies on the use of ozone to combat coronavirus: Problems and perspectives. <i>Environmental Technology &amp; Innovation</i> 21 (2021) 101313.                                                                                                                                                                                                                                                                                                                           |
| 2.483<br>Cite Score 2                          | 4. Cattel F, Giordano S, Bertiond C, Lupia T, Corcione S, Scaldaferrì M, Angelone L, De Rosa FG. Ozone therapy in COVID-19: A narrative review. <i>Virus Res.</i> 2020 Oct 25;291:198207. doi: 10.1016/j.virusres.2020.198207                                                                                                                                                                                                                                                                                                                                           |
| 1.72                                           | 5. Alessandra Gavazza, Andrea Marchegiani, Giacomo Rossi, Marianno Franzini, Andrea Spaterna, Sara Mangiaterra, Matteo Cerquetella. Ozone Therapy as a Possible Option in COVID-19 Management. <i>Frontiers in Public Health</i> 2020 Aug 25;8:417. doi: 10.3389/fpubh.2020.00417.                                                                                                                                                                                                                                                                                      |
| 1.72                                           | 6. Giovanni Tommaso Ranaldi, Emanuele Rocco Villani, Laura Franza. Rationale for ozone-therapy as an adjuvant therapy in COVID-19: a narrative review. <i>Med Gas Res.</i> Jul-Sep 2020;10(3):134-138. doi: 10.4103/2045-9912.289462.                                                                                                                                                                                                                                                                                                                                   |
| 1.575<br>H index 54<br>Cite Score 3.5          | 7. Robert Jay Rowen. Ozone and oxidation therapies as a solution to the emerging crisis in infectious disease management: a review of current knowledge and experience. <i>Med Gas Res.</i> 2019;9(4):232-237. doi: 10.4103/2045-9912.273962                                                                                                                                                                                                                                                                                                                            |
| 1.392                                          | 8. Valdenassi, L., M. Franzini, G. Ricevuti, L. Rinaldi, A. C. Galoforo, and U. Tirelli. 'Potential Mechanisms by Which the Oxygen-Ozone (O <sub>2</sub> -O <sub>3</sub> ) Therapy Could Contribute to the Treatment against the Coronavirus COVID-19'. <i>European Review for Medical and Pharmacological Sciences</i> 24, no. 8 (2020): 4059–61. <a href="https://doi.org/10.26355/eurev_202004_20976">https://doi.org/10.26355/eurev_202004_20976</a> .                                                                                                              |
| 1.17<br>H index 41<br>Cite Score 2.6           | 9. Thorp JA, Hollonbeck SA, Viglione DD, Green PC, Hodge JR, et al. (2020) Novel therapy for COVID-19 does intravenous ozonated-saline affect blood and tissue oxygenation? <i>J Gynecol Res Obstet</i> 6(2): 046-050. DOI: <a href="https://dx.doi.org/10.17352/jgro.000085">https://dx.doi.org/10.17352/jgro.000085</a>                                                                                                                                                                                                                                               |
| 1.02                                           | 10. NUOVA F.I.O. (Italian Oxygen-Ozone Federation), S. Marini, M. Maggiorotti, N. Dardes, M. Bonetti, M. Martinelli, L. Re, F. Carinci, and C. Tavera. Oxygen-Ozone Therapy as Adjuvant in the Current Emergency in SARS-COV-2 Infection: A Clinical Study. <i>Journal of Biological Regulators and Homeostatic Agents</i> 34, no. 3 (28 May 2020). <a href="https://doi.org/10.23812/20-250-E-56">https://doi.org/10.23812/20-250-E-56</a> .                                                                                                                           |
| 0.21<br>H index 21                             | 11. Silvia Menendez-Cepero, José Antonio Marques-Magallanes-Regojo, Alberto Hernández-Martínez, Francisco Javier Hidalgo Talló and José Baeza-Noci. Therapeutic Effects of Ozone Therapy that Justifies Its Use for the Treatment of COVID-19. <i>J Neurol Neurocrit Care</i> , Volume 3(1): 1–6, 2020. <a href="https://researchopenworld.com/therapeutic-effects-of-ozone-therapy-that-justifies-its-use-for-the-treatment-of-covid-19/">https://researchopenworld.com/therapeutic-effects-of-ozone-therapy-that-justifies-its-use-for-the-treatment-of-covid-19/</a> |
| Undetermined<br>PubMed/PMC                     | 12. A. Hernández, Papadakos Pj, Torres A, González Da, Vives M, Ferrando C, and Baeza J. Two Known Therapies Could Be Useful as Adjuvant Therapy in Critical Patients Infected by COVID-19. <i>Revista Española de anestesiología y reanimación. Rev Esp Anesthesiol Reanim</i> , May 2020. <a href="https://doi.org/10.1016/j.redar.2020.03.004">https://doi.org/10.1016/j.redar.2020.03.004</a> .                                                                                                                                                                     |
| Undetermined                                   | 13. Fernández-Cuadros, M.E., Albaladejo-Florín, M.J., Peña-Lora, D. et al. Ozone (O <sub>3</sub> ) and SARS-CoV-2: Physiological Bases and Their Therapeutic Possibilities According to COVID-19 Evolutionary Stage. <i>SN Compr. Clin. Med.</i> 2(2020): 1094–1102 <a href="https://doi.org/10.1007/s42399-020-00328-7">https://doi.org/10.1007/s42399-020-00328-7</a>                                                                                                                                                                                                 |
| Undetermined                                   | 14. Bilal Mohamad, Ali Obeid. 'Ozone Autohemotherapy: Possible Mechanisms of Anti-Viral Action and Anti Oxidative'. <i>J Infect Dis Epidemiol</i> 6, no. 117. Accessed 25 May 2020. <a href="https://doi.org/10.23937/2474-3658/1510117">https://doi.org/10.23937/2474-3658/1510117</a> .                                                                                                                                                                                                                                                                               |
| Undetermined                                   | 15. Ricevuti, Giovanni, Marianno Franzini, and Luigi Valdenassi. Oxygen-Ozone Immunoceutical Therapy in COVID-19 Outbreak: Facts and Figures. <i>Ozone Therapy</i> 2020; 5(1). <a href="https://doi.org/10.4081/ozone.2020.9014">https://doi.org/10.4081/ozone.2020.9014</a> .                                                                                                                                                                                                                                                                                          |
| Undetermined                                   | 16. Farias JBF, Farias APF, Souza AG. Ozone therapy as an adjunct in the treatment to COVID-19. <i>Rev Bras Fisiol Exerc</i> 2020;19(2supl):S5-S8. DOI: <a href="https://doi.org/10.33233/rbfe.v19i2.4116">https://doi.org/10.33233/rbfe.v19i2.4116</a>                                                                                                                                                                                                                                                                                                                 |
| Undetermined                                   | 17. Vivian Borroto Rodríguez, Antonio Jiménez Tapia. Ozonoterapia, propuesta justificada para la prevención y rehabilitación en COVID-19 [Ozone therapy, a justified proposal for the prevention and rehabilitation in COVID-19] <i>Revista Cubana de Medicina Física y Rehabilitación.</i> 2020;12(3):e520 <a href="http://www.revrehabilitacion.sld.cu/index.php/reh/article/view/529">http://www.revrehabilitacion.sld.cu/index.php/reh/article/view/529</a>                                                                                                         |
| Undetermined                                   | 18. Vivian Borroto Rodríguez, Antonio Jiménez Tapia, María Esther Dragustinovis Ruiz. Ozonoterapia enteral: una posible opción segura y económica para pacientes COVID-19 [Enteral Ozone Therapy: a Possible Safe and Economical Option for COVID-19 Patients] <i>Revista Cubana de Medicina Física y Rehabilitación.</i> 2020;12(3):e535 <a href="http://www.revrehabilitacion.sld.cu/index.php/reh/article/view/535">http://www.revrehabilitacion.sld.cu/index.php/reh/article/view/535</a>                                                                           |
| Undetermined                                   | 19. Arenas Falcón B, Calunga Fernández JL, Menéndez Cepero S, Vera Yoshimoto C. La ozonoterapia y su aplicación en relación con la fisiopatología de la enfermedad COVID 19 [Ozone therapy and its application in relation to the pathophysiology of COVID 19 disease] <i>Rev. Panorama Cuba y Salud</i> 2020; 15(3):104-107. <a href="http://www.revpanorama.sld.cu/index.php/panorama/article/view/1298">http://www.revpanorama.sld.cu/index.php/panorama/article/view/1298</a>                                                                                       |
| Pre-print<br>2020                              | 1. Ranaldi, G. T., M.D., Villani, E. R., & Franza, L. (2020, May 8). Ozonotherapy: a multirole weapon, topical pathway against SARS-COV-2. Pre-print <a href="https://doi.org/10.31226/osf.io/n2dup">https://doi.org/10.31226/osf.io/n2dup</a>                                                                                                                                                                                                                                                                                                                          |

### On review

Pedro Iván Arias-Vázquez, Russell Arcila-Novelo, María Antonieta Ramírez - Wakamatzu. Is Ozone therapy an adjunct in the treatment for SARS-CoV-2 / COVID-19 infection? *Brazilian Journal of Pharmaceutical Sciences* 2020 (on review)

Olga S. León Fernández, Gabriel Takon Oru, Gilberto López Cabreja, Irais Serrano Espinosa, Elizabeth García Fernández. Medical ozone: pharmacological mechanisms which account for its effectiveness against COVID-19/SARS-CoV-2. *Rev Cub Farm.* 2020