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Marinomed Biotech AG: Marinomed Biotech AG shares positive clinical trial results for iota-carrageenan nasal spray in prevention of COVID-19

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Marinomed Biotech AG (VSE:MARI) announces that a nasal spray with iota-carrageenan, which is identical to Marinomed's Carragelose®, showed significant efficacy in the prevention of COVID-19 in hospital staff who manage patients with this disease. These were the results of an independent and investigator-initiated study (IIT; CARR-COV-02, NCT04521322) conducted by an Argentinian research group.

In the multicenter, randomized, double-blind, controlled CARR-COV-02 study, 394 healthcare staff were randomly assigned to receive iota-carrageenan nasal spray (N = 199) or placebo (N = 195) four times per day. Both groups had similar gender and age distributions. The percentage of participants that developed COVID-19 was significantly lower in the group that received the iota-carrageenan spray compared to placebo (1.0% vs 5.1%, respectively; relative risk reduction for disease of 80.4 %; 95 % CI = 25-95 % - there is a 95 % chance that the risk reduction is in this range). The difference between the groups were statistically significant (Chi square test $p = 0.01$). Iota-carrageenan nasal spray was safe and well tolerated, and minor side effects, such as postnasal drip, were observed with a similar frequency in both groups (2.0 %).

The investigator-initiated CARR-COV-02 study (NCT04521322) was conducted by an Argentinian research group represented by Dr. Juan M. Figueroa, Institute of Science and Technology Cesar Milstein-Hospital de Clínicas-UBA; Dr. Mónica Lombardo, Nobeltri SRL and Hospital Universitario CEMIC; Dr. Ariel Dogliotti, Rosario Cardiovascular Institute; Dr. Luis P. Flynn, Sanatorium of Children of Rosario; Dr. Osvaldo Uchitel, Institute of Physiology, Molecular Biology and Neurosciences UBA-CONICET.

The data have been published on the website of the Instituto de Ciencia y Tecnología César Milstein:

<https://milstein.conicet.gov.ar/la-eficacia-del-spray-nasal-con-carragenina-para-la-prevencion-del-covid-19-ha-dado-resultados-positivos/>

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