

Nebulizing Chlorine Dioxide in a Water Based Solution at Increasing Parts Per Million (ppm) Increments Starting at 25ppm and Ending at 70ppm to Determine Lung Irritability of Highest Possible ppm Dose to Fight COVID-19

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Since COVID-19 a severe and deadly respiratory disease for many, and Chlorine Dioxide is known to easily deactivate all known viruses (including the coronavirus) at fairly low ppm concentrations, and since Chlorine Dioxide is also known to be non-toxic to human cells at low ppm concentrations, I decided to do a test to see how high in ppm I could get a nebulized dose of Chlorine Dioxide before there was any discomfort to my lungs. To my surprise I was able to get up to 65ppm with no discomfort at all and even at 70ppm there was only a very slight discomfort and since this high of a ppm dose far exceeds what is necessary to deactivate any virus, I decided to stop the test at 70ppm.

Based on my own personal experience with this test, accompanied with my knowledge of Chlorine Dioxide's ability to deactivate viruses at extremely low concentrations (even as low as 0.05ppm in the gaseous state according to Taiko Pharmaceuticals, a Japanese company) I believe the SARS-CoV-2 virus can be easily deactivated within the respiratory track of patients at very safe dosages and would strongly recommend at least starting suspected COVID-19 patients on 10ppm at least every 2 hours and then if they do fine on the first dose, increase it incrementally by 10ppm each time until a maximum dose of 40 to 50 is achieved if possible. For patients who have tested positive for COVID-19, I'd recommend the same as above but dose every hour instead. I sincerely believe that if this is done we will have far fewer deaths and patients will be able to go home sooner, relieving the burden on the entire hospital system, staff and country for that matter.

My Personal Chlorine Dioxide Parts Per Million Nebulizer Experiment

26 March, 2020: This was a chlorine dioxide (CLO₂) nebulizer test I did where I gradually increased the amount of CLO₂ being nebulized. I had been doing 25ppm for a few days but then on 25/3/2020, I decided to try 35ppm and then an hour later I did 45ppm and then decided to increase by 5ppm each hour until I ended at 70ppm.

Notes on my procedure for this experiment: I inhaled deeply for 5 seconds, held my breath for 5 seconds and then exhaled for 5 seconds. Then immediately, without taking another breath of regular air, I every time took another breath from the humidifier. So each inhale, hold and exhale took approximately 15 seconds. So 5 minutes = 300 seconds. 300 seconds divided by 15 seconds = 20 breaths per 5 minutes. Since each 5 second inhale times 20 breaths was 100 seconds of inhaling, and the humidifier being used delivered $\geq 0.58\text{ml/minute}$, that means I was inhaling approximately 1.0ml of the CLO₂ nebulizer solution into my lungs each 5 minute session.

Record of My Chlorine Dioxide Parts Per Million Test

Date & Time	Chlorine Dioxide ppm In The Nebulizer or Humidifier	Device Used	Atomized Particle Size	Condensation Rate	Oscillation Frequency	How Chlorine Dioxide ppm Concentration Was Made	How I Felt Immediately After Nebulizing	How I Felt 1 Hour After Nebulizing This Concentration
Numerous times on previous days	25ppm	Mesh Portable Nebulizer	≤ 5µm	≥ 0.2ml/min	110kHz ±10%	Added 0.05ml of 4000ppm ClO ₂ to 8ml water	No problems or difficulty in breathing at all	No problems or difficulty in breathing at all
25/3 @ 15:45	35ppm	USB Ultrasonic Humidifier	Aprx. 5µm	≥ 0.58ml/min	Aprx. 108kHz	1.75ml of 4000ppm Chlorine Dioxide solution added to 200ml of water	No problems or difficulty in breathing at all	No problems or difficulty in breathing at all
25/3 @ 16:45	45ppm	USB Ultrasonic Humidifier	Aprx. 5µm	≥ 0.58ml/min	Aprx. 108kHz	2.25ml of 4000ppm Chlorine Dioxide solution added to 200ml of water	No problems or difficulty in breathing at all	No problems or difficulty in breathing at all
25/3 @ 17:45	50ppm	USB Ultrasonic Humidifier	Aprx. 5µm	≥ 0.58ml/min	Aprx. 108kHz	2.50ml of 4000ppm Chlorine Dioxide solution added to 200ml of water	No problems or difficulty in breathing at all	No problems or difficulty in breathing at all
25/3 @ 18:45	55ppm	USB Ultrasonic Humidifier	Aprx. 5µm	≥ 0.58ml/min	Aprx. 108kHz	2.75ml of 4000ppm Chlorine Dioxide solution added to 200ml of water	No problems or difficulty in breathing at all	No problems or difficulty in breathing at all and actually feels better than normal, like I can breathe more easily
25/3 @ 19:45	60ppm	USB Ultrasonic Humidifier	Aprx. 5µm	≥ 0.58ml/min	Aprx. 108kHz	3.00ml of 4000ppm Chlorine Dioxide solution added to 200ml of water	No problems or difficulty in breathing at all	No problems or difficulty in breathing at all
25/3 @ 20:45	65ppm	USB Ultrasonic Humidifier	Aprx. 5µm	≥ 0.58ml/min	Aprx. 108kHz	3.25ml of 4000ppm Chlorine Dioxide solution added to 200ml of water	No problems or difficulty in breathing at all	No problems or difficulty in breathing at all
26/3 @ 09:45	70ppm	USB Ultrasonic Humidifier	Aprx. 5µm	≥ 0.58ml/min	Aprx. 108kHz	3.50ml of 4000ppm Chlorine Dioxide solution added to 200ml of water	A very dull & almost imperceptible feeling of something in the chest at the top of a big inhale immediately after. I think this may just be from me inhaling very deeply this time and I also closed my lips more to try to get the mist to come in faster and into my lungs.	Still felt a slight dull feeling an hour later but later in the day this feeling went away.