

HYPOCHLOROUS ACID VS CORONAVIRUS

ORIGINAL ARTICLE IN JAPANESE, TRANSLATED WITH GOOGLE TRANSLATE.

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Deactivate new corona with hypochlorous acid water "In 30 seconds or less" Demonstrated by Hokkaido University and Energic

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By 13th, [Enagic](#) International (representative of [Hironari](#) Oshiro) , which manufactures and sells a reduced water generator, will collaborate with the Research Center for Zoonosis Control , [Hokkaido University](#) , to have a disinfecting and sterilizing effect on " [hypochlorous acid water](#) ". In addition, it was demonstrated that it has an inactivating effect on the infectivity of the [new coronavirus](#) . [The](#) proof experiment [to see other pictures and figures in this article](#) was conducted by Professor Reito Takada of the center from April 27 to May 3. The new coronavirus possessed by the center is mixed with distilled water and hypochlorous acid water, respectively, and the number of infectious viruses (infectious titer) **is calculated every 30 seconds, 1 minute, 5 minutes, 10 minutes of reaction time. It was measured. Hypochlorous acid water with a pH of 2.7 or less and an effective chlorine concentration of 40 ppm was used.** The infectious titer of distilled water remained flat after 10 minutes, while the infectious titre of hypochlorous acid water remained unchanged, with more than 10 million viruses per milliliter falling below the detection limit in 30 seconds. . The laboratory was set up at an average room temperature of 23-24 degrees and was tested twice, with similar results. Hypochlorous acid water is generated by electrolyzing water and salt. "The hypochlorous water inactivates the new corona almost instantly," said Hidehiko Tamaki, emeritus professor of Hokkaido University (epidemiology, from Nakijin-mura) who was the director of the Energy Education and Welfare Foundation who led the experiment. "It's safe, easy to get, and less irritating to the skin than alcohol. It can be recommended as a disinfectant for hands and fingers to prevent new corona infections," he said.

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