



# COVID AND ELECTROSMOG A POSSIBLE LINK?

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Much information circulating the web has suggested relationships between electromagnetic emissions from wireless communication systems, especially 5G, and the spread of the coronavirus pandemic.

These were hypotheses without solid scientific evidence to support or disprove these claims.

A recent publication by Drs. Beverly Rubik and Robert R. Brown titled: «Evidence for a Connection between COVID-19 and Exposure to Radiofrequency Radiation from Wireless Telecommunications Including Microwaves and Millimeter Waves»(1) seems to provide scientific evidence for this link.

[\(1\) Evidence for a connection between coronavirus disease-19 and exposure to radiofrequency radiation from wireless communications including 5G.](#)

This is why we are going to summarize and comment on this post in order to outline the guidelines.

The authors highlight a key element that cannot be ignored in the context of epidemiology and environmental medicine:

“By considering the epidemiological triad (agent – host – environment) applicable to all diseases, we have studied a possible environmental factor in the Covid-19 pandemic: ambient radiofrequency radiation from wireless communication systems, including microwaves and millimeter waves. SARS-CoV-2, the virus that caused the COVID-19 pandemic, emerged in Wuhan, China, shortly after the rollout of 5G (fifth generation of wireless systems) across the world. city and spread around the world initially demonstrating a statistical correlation with international communities that have recently established 5G networks.”

**The study analyzed the peer-reviewed scientific literature to identify how wireless radiation may have behaved as a toxic environmental cofactor.**

According to the Center for Disease Control and Prevention (CDC), an American organization of world reference, the simplest model of causality of the disease is the epidemiological triad composed of three interacting factors:

- the agent (pathogen)
- the environment
- the host’s state of health

The pathogen (Coronavirus) and the risk factors (Obesity, hypertension, diabetes) that make a host more likely to succumb to the disease have been elucidated but the environmental factors have not been sufficiently explored.

Electromagnetic radiation from wireless technology has already been recognized as a form of environmental pollution and physiological stress (Balmori 2009).

5G uses high frequency bands of the electromagnetic spectrum in the range 600 MHz to 90 GHz, including the 3G and 4G frequency bands as well as millimeter waves.

In April 2020, Payeras and Ciffre (2020) reported a statistically significant correlation between 5G antenna densities and the location of Covid-19 cases in specific regions of the world. During the first wave in the United States, cases and deaths attributed to Covid-19 were higher in states with 5G infrastructure than in states that did not yet have this technology (Tsiang and Havas , manuscript submitted).

Research work carried out with C.M.O. technology from Comosystems should be compared with the data from the Rubik and Brown study. C.M.Os have demonstrated their compensatory action in particular on stress, oxidative damage but also on many other anomalies not considered in this article. C.M.O. technology is the only one to produce and publish scientific proofs of regularization of the functions studied.

Effects of exposure to radio frequencies	Effects of COVID 19
<p><b>Blood and vascular changes:</b></p> <p>Short term: rouleaux, echinocytes</p> <p>Long term: reduction of blood clotting time; reduction of hemoglobin; hemodynamic disorders.</p>	<p><b>Blood and vascular changes:</b></p> <p>Rouleaux, echinocytes (sea urchin-shaped red blood cells)</p> <ul style="list-style-type: none"> <li>- Reduction of hemoglobin in severe attacks; autoimmune hemolytic anemia; hypoxemia and hypoxia.</li> <li>- Endothelial lesions: Alteration of the microcirculation; hypercoagulation; disseminated intravascular coagulation; pulmonary embolism; stroke.</li> </ul>
<p><b>Oxidative stress:</b></p> <p>Decreased level of glutathione. Increase in free radicals and lipid peroxidation; decreased activity of superoxide dismutase; oxidative damage in tissues and organs</p>	<p><b>Oxidative stress:</b></p> <p>Decreased level of glutathione; Increase in free radicals and damage caused by them; oxidative lesions leading to organ damage in severe lesions.</p>
<p><b>Effects of increased intracellular calcium:</b></p> <p>Activation of voltage-gated calcium channels (CCVD) on cell membranes with numerous side effects.</p>	<p><b>Effects of increased intracellular calcium:</b></p> <p>Increased entry, replication of virus release. Increased NF-KB, pro-inflammatory process; coagulation and thrombosis.</p>
<p><b>Cardiac effects:</b></p> <p>Upregulation of the sympathetic nervous system; palpitations and arrhythmia.</p>	<p><b>Cardiac effects:</b></p> <p>Myocarditis; Myocardial ischemia; Heart damages.</p>

**Each of the parameters study being normalized by the use of C.M.O. technology, it seems logical to conclude that this protection should enable better management of viral diseases by acting positively on the host.**

*A comprehensive review article with bibliographic references is available on request.*