

# Diabetes and ElectroMagnetic Fields: the evidence

Next-up Organization 11 07 2009

The connection between exposure to artificial electromagnetic radiation in high and low frequencies and the changing health of diabetics and MS sufferers is an established fact that has been demonstrated beyond doubt in numerous scientific studies [1] [2].

This correlation can be demonstrated not only scientifically but also informally by any diabetic by comparing their glycaemia levels during a few minutes spent in an irradiated zone and in one where the radiation level is low. Those who continue to dismiss this as "pseudo-science" are simply denying the facts.

It has been observed that the number of children under 10 who suffer from type 1 diabetes is continually increasing and has in fact **doubled in the last 15 years.** [\[RTL Sciences et Santé-Fr\]](#)

Officially the health authorities do not know the reason for this increase.

Genetic factors play a part in type 1 diabetes, but there is no doubt that other factors are responsible, including the environment.

Type 1 diabetes, which is insulin dependant, is an auto-immune illness caused by the hyperactivity of the immune system.

In this pathology, the insulin-secreting cells of the pancreas (the beta cells of the islets of Langerhans) are destroyed. This means that the body can no longer control the level of sugar in the blood (glycaemia). If this is not treated it can lead to a whole series of imbalances that can be fatal.

Exposure to artificial HF microwave radiation during the night significantly reduces ciliary movement thus diminishing the supply of mucus to the pancreas and causing clogging. Unfortunately this process has received little attention from scientists – why not?



Teenager giving herself an insulin injection

At present the causes of type 1 diabetes have not been clearly defined. Doctors suppose that environmental factors could cause the auto-immune reaction in people who are genetically predisposed. The role of viruses in the onset of the disease has been cited several times.

Certain experts speculate that repeated exposure to different viruses causes the gradual destruction of insulin-producing cells. This may go unnoticed for many years since 90% of them have to be destroyed before the diabetes manifests.

Various tests are being carried out to validate this hypothesis while other scientists are studying different environmental factors that might affect the immune system and set off an auto-immune reaction. There is no doubt that diabetes is a serious condition that often requires several daily insulin injections and in the long run can affect organs such as the eyes, the nerves, the heart, etc.

Dr Magda Havas, professor of environmental sciences in Canada, has directed several studies that have not only shown a connection between the increase in diabetes and EMF exposure, but also the effectiveness of filters on ELF electrical equipment that help to reduce the suffering and the symptoms of diabetics.

"We can take a diabetic person and put them in an environment polluted by EMR and measure their sugar levels," she explained in an interview with Toronto magazine.

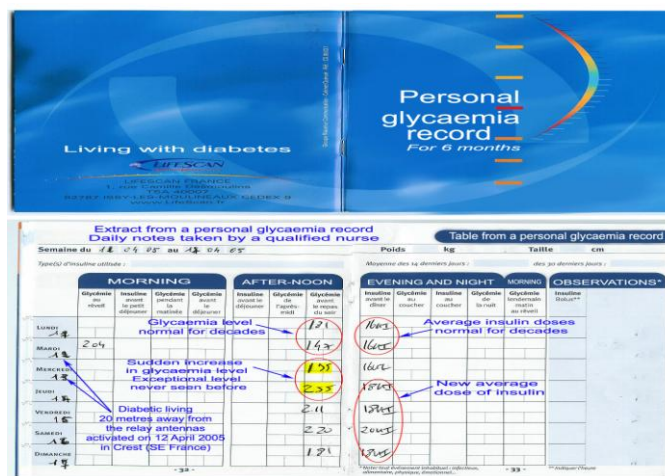
"If we then put them in a clean environment, within half an hour their blood sugar level is invariably lower. **When someone is exposed to EM radiation they become a real barometer.**"



Dr Magda Havas

Scientific publication Informa Health Care: Magda Havas  
["Electromagnetic Hypersensitivity: Biological Effects of Dirty Electricity with Emphasis on Diabetes and Multiple Sclerosis"](#)

All the diabetics living near relay antennas can easily prove the damaging effects of exposure to artificial HF microwave radiation by observing the spectacular increase in blood sugar levels when they are close to a source of radiation, as can be seen from the reading noted in their personal glycaemia record.



EMF: The facts revealed in the personal glycaemia record

**ZOOM**

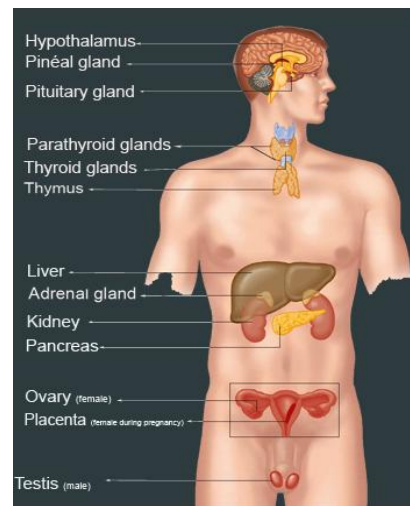
### Interference of artificial EMFs with the human metabolism

It is important to understand that the human body, which is totally bio-electromagnetic, cannot function normally without certain conditions. The first of these is living in a safe environment free of damaging factors.

Whatever the state of the immune system, an environment polluted by artificial radiation makes it weaker. If it is already stressed the body can no longer function normally and the endocrine system will be seriously disrupted.

This creates [The Microwave Syndrome](#).

Having a good immune system is the most important factor in maintaining health. When it is weak our health is endangered, making us more vulnerable to disease and even to death.



**ZOOM**

Being in poor health is not hereditary, being in good health is not a matter of chance. Taking a new approach and taking charge of one's health often means making changes in one's life-style and in one's environment, in particular taking simple steps to ward against the worst of environmental pollutions, artificial microwave radiation. Doing this boosts the immune system naturally and rapidly, producing positive results in one or two days for diabetics and for the Electro-HyperSensitive. Hence the urgent need to create White Zones and Refuge Zones for the EHS who desperately need to refresh themselves or simply to exist in peace, a right that is at present denied them.

[1] Scientific publications *Bioelectromagnetics*, ["An Extremely Low Frequency Magnetic Field Attenuates Insulin Secretion From the Insulinoma Cell Line, RIN-m"](#)

[2] Biomed Expert: *Bioelectromagnetics*, ["Exposure to extremely low frequency magnetic fields affects insulin-secreting cells"](#)