



EMFs and changes in the Complete Blood Count

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The radiation in both natural and artificial EMFs (electromagnetic fields) emits energy in quanta, the smallest unit of energy in movement. This is the central principle of quantum theory, which is the basis of quantum mechanics. The amount of energy carried in a photon is calculated according to the frequency, ie the wavelength. [\[more detail in Wikipedia\]](#)

This energy interacts with all living things including the human body, which is totally bio-electromagnetic (FR : [exemple d'analyse du potentiel d'action](#)). All exchanges within cells, the potential for action in the cell membrane (FR : [animation](#)), the neurobiological receptors in the cells (FR : [récepteurs neurobiologiques cellulaires](#)), in fact all the information carried by neurotransmitters (FR : [les neurotransmetteurs](#)), which function by electrical currents within the body, interacts with the wavelengths of the external EMFs generated by artificial high and low frequency emissions. The natural EMF of the earth, which is essential to all life, does not upset living organisms because it is continuous and not alternating, thus it does not create charge in the bodies that carry it.

These interactions are further complicated by other damaging interactions, such as resonance, which has been increasingly recognized in genome studies as significant thanks to the work of Prof. Luc Montagnier and others (NCBI-PubMed: Pr Luc Montagnier et al on the interaction of electromagnetic signals in the sequencing of DNA). [Electromagnetic signals are produced by aqueous nanostructures derived from bacterial DNA sequences](#) [FR : [Envoyé Spécial Interview Pr Henry Lai](#)]

Changes in Complete Blood Count: irrefutable proof

On this crucially important issue there now exists medical and scientific proof that these interactions between natural EM wavelengths and those of artificial EMFs affect especially the bone marrow and all the blood cells, platelets, globules, etc that it produces and delivers directly into the bloodstream. These cells are very sensitive not only to medical treatment (as in chemotherapy) but also to the impact of radiation from artificial EMFs. Proof is provided by the analysis of the Complete Blood Count, a procedure that is vital in particular for everyone who lives close to a phone mast or relay antenna. The problem is that this is hardly ever carried out, except when blood samples are taken for a specific reason.

The digital Complete Blood Count (CBC), also called a hemogram, is a quantitative (volume) and qualitative (content) analysis of the various components of the blood, especially of red corpuscles, white corpuscles, platelets, etc. Several of the factors assessed vary between men and women, such as the level of hemoglobin and hematocrits, the number of erythrocytes, the mean corpuscular volume (MCV), the mean corpuscular hemoglobin (MCH), the mean corpuscular hemoglobin concentration (MCHC) and the reticulocytes. These are very young red cells that have just emerged from the bone marrow into the blood. The reticulocyte count is important and should be part of every hemogram, since a significant increase signals a regeneration or a [hemolysis](#), while a drop indicates an anemia where there is no regeneration. [\[Details in Wikipedia\]](#)

In people who live close to relay antennas the CBC reveals noticeable changes, especially a significant drop in red corpuscles and/or white cells (leucocytes, cf leukemia, 'white blood', cancer of the white cells), an increase in lymphocytes, irregularities in the MCV and levels of hemoglobin below normal, an indicator of anemia and other problems.

Many scientific studies corroborate these observations and link them directly with a whole range of pathologies and health problems, including some of the deficiencies that cause diverse EHS symptoms.

[\[Pilot Study Dick Brown et al - Outcome measures: Complete blood counts\]](#)

[\[Pilot Study Dirck Brown et al - On the Effect of Grounding on Delayed-Onset Muscle Soreness\]](#)

[\[NCBI PubMed M. Maschevich - Exposure of blood lymphocytes to EMFs\]](#)

These changes are markers easily revealed by comparing the CBCs of people living near phone masts when they are being irradiated and when they are away from home or in an area with low or no radiation.

In any case the simplest and most effective way to find out the truth is to have a Complete Blood Count carried out on all the people (men, women and children) living in an area where phone masts are to be installed, once before the site comes into operation and the same again when it has been running for a few months.

It is sad but true that this procedure, which provides evidence valid in court, is not at present carried out systematically by residents' action groups. With the support of a good lawyer this evidence guarantees a successful case as it cannot be contradicted by the phone company lawyers. In fact in one case where Orange had planned to set up a new mast it was not even necessary to present these results in court; the company dropped their plans, without any explanation, when they received by registered post the initial Complete Blood Count results of the people living near the proposed site.

[\[Orange mast scuppered by £200 Citizen Epidemiology survey. Orange not to appeal\]](#)

[\[Mobile Telecommunications in Kempton West Blood levels alarmingly altered\]](#)

We are in the same situation with gathering evidence for the increased death rate among those living near phone masts, an issue central to the meeting of the [WHO in Melbourne \(EMFacts\)](#), where the denier François Bernard Veyret voiced his shameful opposition to the evidence of clusters, since these initiatives for public health cause panic attacks among those in the industry.

To win this battle it is essential that the Complete Blood Count procedure, which provides incontrovertible proof, be carried out among the general public, and especially among those living near relay antennas and masts.

It gives individuals and campaign groups a method that is easy to follow for gathering evidence that is valid in court. This should finally convince the health authorities, with the backing of the courts if need be, to recognise the serious damage being inflicted, so that they take the action so urgently needed to make mobile wireless communications and other technologies that cause radiation fully compatible with the complex requirements of human health.

[EMFs and changes in the Complete Blood Count](#)