

# The Microwave Syndrome

(Public version)



Claude Monnet

Ph.D. in Radiology  
Next-up organisation  
Vice president.



Pierre le Ruz

Ph.D. in Physiology  
President of the Scientific  
Commission of Criirem.

► **1** - Electromagnetic fields (EMF) from microwaves have an impact on any living matter, (300 MHz to 300 GHz = hyper frequencies = microwaves).

► **2** - In accordance with the universal laws of physics, all scientific studies carried out in the world show that further to radiation's from hyper frequency or microwaves either thermal effects or non-thermal specific effects can be observed. The specific effects and the microwave syndrome (or hyper frequency syndrome) were first described as early as 1960 by Russian scientists. Later on in 1998, this will be confirmed in an American peer reviewed paper (NCBI) that will explicit the link between this syndrome and exposure to pulsed hyper frequencies.

(Refer to world studies on EMF : [1](#), [1'](#), [2](#), [3](#), [4](#)).

- Thousands of doctors launch warnings (Doctor's calls), the subject makes the headlines in newspapers on and TV: unfortunately in some cases only the sensational is covered: stress, depression, or even suicide.
- A large and recent survey was recently published by the Swiss Federal Office for Public Health on a group of 342 general practitioners (GPs) consultations from which it appears that 5 % of the Swiss population attribute symptoms to electromagnetic fields (EMF).
- In November 2006, CRIIREM and NEXT-UP took part to a European opinion [consultation](#) organised by the European Commission on evidence relative to this syndrome on populations in Europe.
- ONG's have taken an active part to the European Commission recent [seminar](#) in Brussels.

► **3** – Analysis of all the world scientific studies on effects of hyper frequencies on humans :

A – Contrary to the messages commonly conveyed by some people, no one study in the world has been able to prove the harmlessness of electromagnetic radiation from microwaves on human beings.

B – Most scientific [studies](#) to date that are not entirely or partially financed by telecoms (including the wireless industry and mobile phone operators) not only show biologic effects, but also the so called health effects on living beings, and therefore on humans.

C – The most important scientific study world-wide done today is the one from [WTR](#) (Wireless Technology Research - USA) 100 % financed by telecoms to a level of 28 millions dollars. It shows so called biologic effects but also gives evidence of so called health effects in particular on DNA that were later confirmed by the large [REFLEX](#) study made by the European Community.

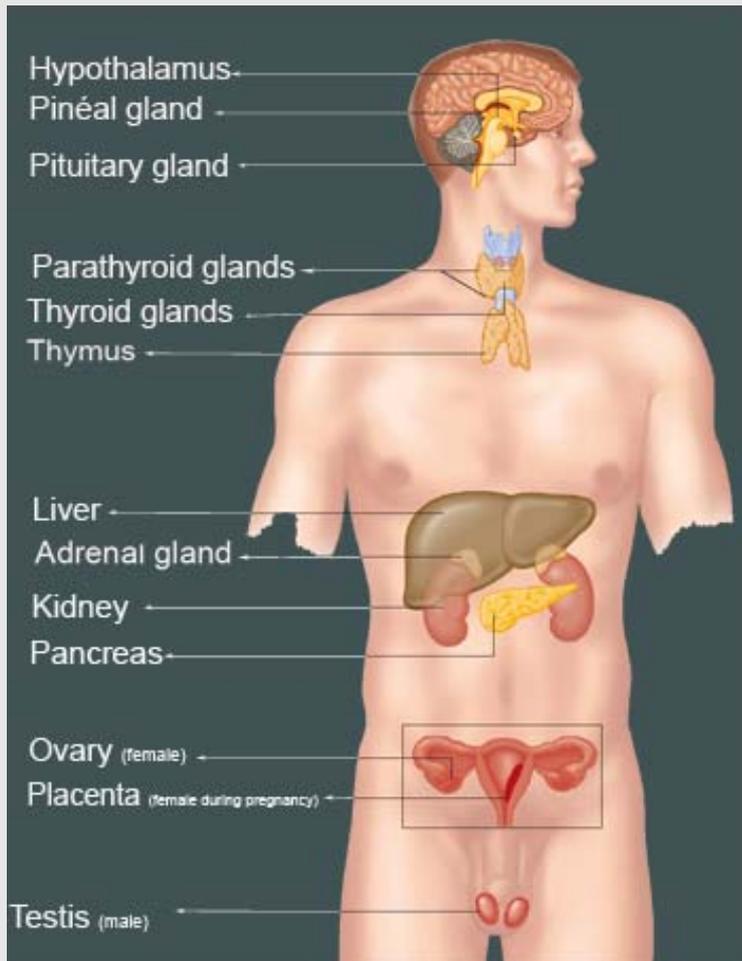
[1](#) [1'](#) [2](#) [3](#) [4](#) - [Alert letter](#) from George Carlo, Ph.D., general co-ordinator of the WTR US Study.

[1](#) [1'](#) [2](#) [3](#) [4](#) - [Video interview](#) with Dr George Carlo, Ph.D., (extract).

[1](#) [1'](#) [2](#) [3](#) [4](#) - [Alert letter](#) from Pr. Franz Adlkofer, general co-ordinator European Union Study REFLEX.

[1](#) [1'](#) [2](#) [3](#) [4](#) - [Video interview](#) with Pr Franz Adlkofer (extract).

► 4- The interaction of EMF from hyper frequencies with the human bio-electromagnetic **metabolism** generates the so-called microwave syndrome or hyper frequency syndrome.



Look carefully on this picture where the hypothalamus, the pineal gland and the hypophyse are located !...

### Mechanisms

Mechanisms and effects in alarm and resistance phase characterise the microwave syndrome :

#### ► First case, alarm phase :

The brain subject to a short stimulation of artificial EMF radiation of microwave type triggers specific reactions from the organism involving neuronal, neuro-endocrinal, metabolic and behavioural responses.

A- Those responses fall in the general scheme of an individual stress adaptation, this in a more or less adapted manner.

B - The take over of the stress element (radiation) is done by :

- The Central Nervous System (**CNS**),
- The Peripheral Nervous System (**PNS**)
- The Endocrinal System (**ES**).

Those responses are divided in 3 stages :

1. Stress reception by sensorial organs and their relating nerves.

2. Programming of the stress reaction at the cortex and the limbic system (LS) levels (tonsils, olfactory bulb, hippocampus, septum, mamillary body ...). The Cortex/LS couple is a comparative analysis system using a data bank of “memory” based on experiences. Therefore the brain compares the new situation with past experiences in order to create an adapted response.

3. Activation of the response from the organism via the tonsils and the hippocampus that act on the hypothalamus and on the cerebral trunk reticulated formation in order to activate the Vegetative Nervous System (VNS) and the Adrenal Gland (AG). The alarm amplitude is regulated by the Limbic System (LS).

#### ► Second case, resistance phase :

After the alarm phase, if the stress element persists even at low dosage (ex : radiation from phone masts) or becomes chronic (e.g. : radiation of an **addicted** mobile phone user who does not respect the body auto regulation in relation to the **SAR** rating of his mobile), the result is that the hypothalamus, etc ... are going to assess these constant stress and activate the secretion of various hormones, ...

Unfortunately as a rule, a human being exposed to artificial radiation's does not have a pre-established strategy in his cognitive repertoire to efficiently defend himself against this type of attack. Therefore the hypothalamus stimulation produces a stereotyped non adapted response to this type of aggression ... which often increases the negative impacts (e.g. **the case** of the college of Chabeuil in France).

- As far as the metabolism of some people is concerned, everything will go smoothly temporarily during a period from a few days to several decades, however their health capital is eroding really rapidly. There is a risk that pathologies such as Alzheimer's disease that "usually" appear when approaching the third age risk could appear earlier
- As far as the metabolism of all the people in a state of weakness (sick people, elderly), foetus, baby's, etc... there is a rapid exhaustion and state of disorder of all nervous and endocrine systems, and consequently of the immune system.

This will promote and initiate the emergence of a number of known pathologies.

The end result of this mechanism is what is called the MICROWAVE SYNDROME.



France 3  
Pierre Le Ruz,  
Ph.D. in Physiology

The most usual pathologies resulting from the microwave syndrome are (non exhaustive list) :

- **Dystonic cardiovascular syndrome** : bradycardia, tachycardia, hyper/hypo blood pressure, and atherosclerosis...
- **Chronic diencephalic syndrome** : dizziness, sleep troubles, concentration disturbance, sensory troubles, and loss of concentration, chronic fatigue syndrome.
- **Chronic asthenia syndrome** : fatigue, irritability, nausea, headaches, anorexia, and depression.
- **Cancerous pathology** : [leukaemia](#), glutathione and [melanoma](#), [breast cancer](#), . . . (the file [InVS](#))
- **Dermatologic pathology** : [dermatitis](#), [dermatosis](#), eczema, psoriasis, and skin allergy.
- **Dopaminergic pathology** : [Parkinson](#), legs without rest, loss of sensibility in 4 limbs, tighten arms at wake-up, cramps in limbs, . . .
- **Immune pathology** : blood formula (high rate of lymphocytes), . . .
- **Hyper Sensibility pathology** : attributed beforehand to psychic disturbances !
- **Pre and post-native pathology** : great premature (often before or around gestation age), toxic foetopathy, [miscarriage](#), retarded growth, biometrics, genotype modification, then puberty modification (of which associated to BBB opening).
- **Procreative pathology** : drastic [decrease of semen](#) (infertility) . . .
- **Hypogonadism pathology** : drastic [decrease of libido](#) (stimulating follicle hormone) (*video/PASSword*).
- **Brain pathology** : [tumours](#), opening of the **BBB** (Blood - Brain Barrier), electroencephalogram disturbances, ...
- **Standard pathology** : visual and [hearing](#) perturbations, [nose bleedings](#), injured corner lips, jaw bleedings, fibromyalgy, allergy, asthma, tooth neuralgia, etc. . .
- **Psychical pathology** : lack of concern, introversion, passiveness, submissiveness, depression and mental anorexia, suicide . . . and cerebral activity ([behaviour control](#)).
- **Disturbances of socio-professional behaviour** : irritability, discomfort, and . . .increased risk of accident. Stress, depression, suicide.