CMO

Compensation Magnetic Oscillator

Biological protection against the risks associated with electromagnetic fields

SCIENTIFIC FILE

Summary

Main results of scientific studies conducted to demonstrate the efficacy of the CMO technology (Techno AO)

Trials in man

Protecting against radicals

FACTOR ANALYSED

Exhaled nitric oxide

COMMENTS

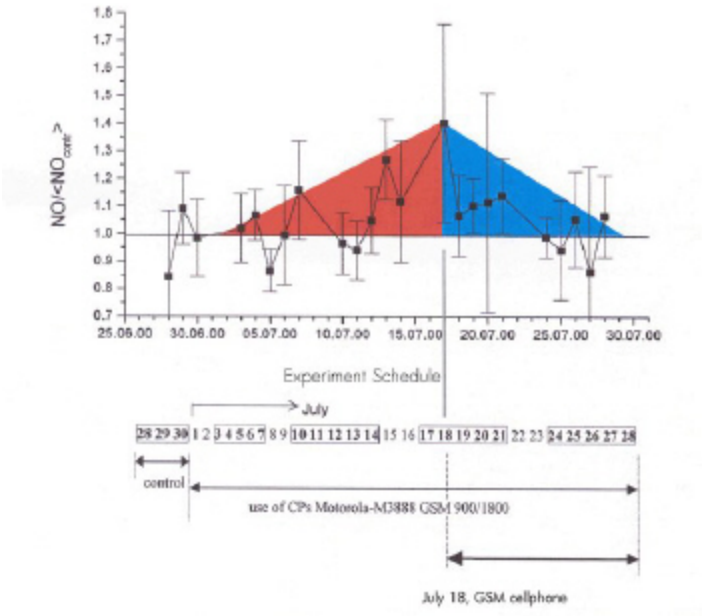
The nitric oxide (NO) found in an individual's expired air is a marker for tissue inflammation, cell damage and biological stress.

This pilot study was conducted with subjects who had not used a mobile telephone prior to the trial.

The trial recorded 40% greater exhaled nitric oxide levels in unprotected mobile telephone users compared to the normal levels. This increase was observed after 15 days use of the mobile telephone and is a clear sign that this equipment is incompatible with the human body.

When compensatory oscillation is used (CMO fixed to the mobile telephone) the exhaled nitric oxide levels return to normal. This demonstrates that the mobile telephone can be made biocompatible with the human body if it is fitted with a CMO.

GRAPHIC PRESENTATION OF TRIAL RESULTS



ANALYSIS OF EXHALED NITRIC OXIDE LEVELS IN MOBILE TELEPHONE USERS

Unprotected mobile telephone users

CMO protected mobile telephone users

10 people
4 weeks use of mobile telephone
45 minutes per day

Stepanov E, 2001 - General Physics Institute, Moscow, Russia

SUMMARY

Exposed — 40% greater exhaled nitric oxide levels compared to the normal levels

Exposed and protected by CMO — Return to normal levels with the CMO

Protecting stress resistance

FACTOR ANALYSED

Work performance: rapidity, vigilance, concentration

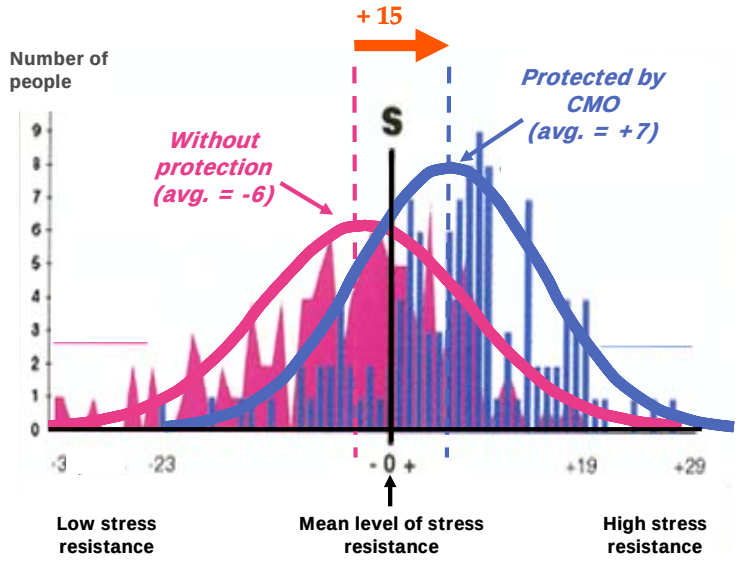
COMMENTS

The *Stroop Color Word Test* is used internationally by major companies and armies. It quantifies the ability of an individual to resist the stresses caused by the interference between conflicting information. This ability requires rapidity, vigilance and concentration.

People working with CMO-equipped screens have a statistically significant 15% improvement in their stress resistance compared to when they were working with screens without CMO. This result shows that the computer screen's electromagnetic field generates a stress on the human body and reduces its work performance.

The presence of compensatory oscillation (CMO) therefore increases the work performance of each individual who has a CMO-equipped computer screen by compensating the stress effects of this electromagnetic source.

GRAPHIC PRESENTATION OF TRIAL RESULTS



COMPARATIVE STRESS RESISTANCE CURVES

Distribution of people working on unprotected screens

Distribution of people working on CMO protected screens

119 people working on cathode ray computer screens subjected to the "Stroop Color Word Test"

This trial produced similar results when it was repeated in Japan with 308 subjects.

Marande J-L, 1996 - CHU Hôpital Cochin, Paris, France

SUMMARY

Exposed — Average measured stress resistance = -6

Exposed and protected by CMO — Average measured stress resistance = +7
15% improvement with CMO

Protecting against stress symptoms (1/2)

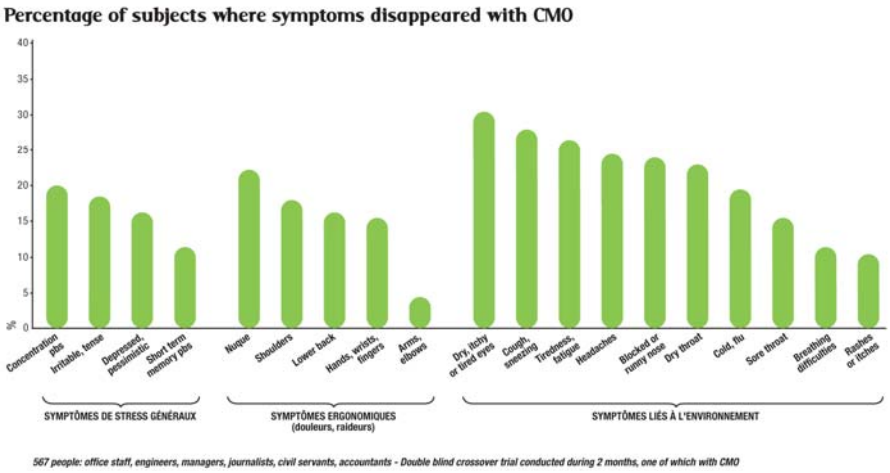
FACTOR ANALYSED

Electromagnetic stress symptoms caused by computer screens

COMMENTS

The stress symptoms studied in this protocol (Building Sickness Syndrome) are usually related to ergonomic and environmental factors and the general stress of working in company offices. It seems as if chronic exposure to the radiation from computer screens can cause the same type of neurophysical, functional and inflammatory symptoms.
This trial was conducted as a double blind (with a placebo*) crossover study (with or without CMO). The difference between the CMO protected group and the unprotected group is that 35% of the stress symptoms observed in computer screen users have statistically disappeared when the users have compensatory oscillation (CMO). This demonstrates the presence of an electromagnetic stress in offices which is, on its own, responsible for 35% of the symptoms that are usually recorded and which are caused by regular exposure to radiation from computer screens.
** dummy: empty and inactive CMO*

GRAPHIC PRESENTATION OF TRIAL RESULTS



See the enlarged version of this graph opposite >>>

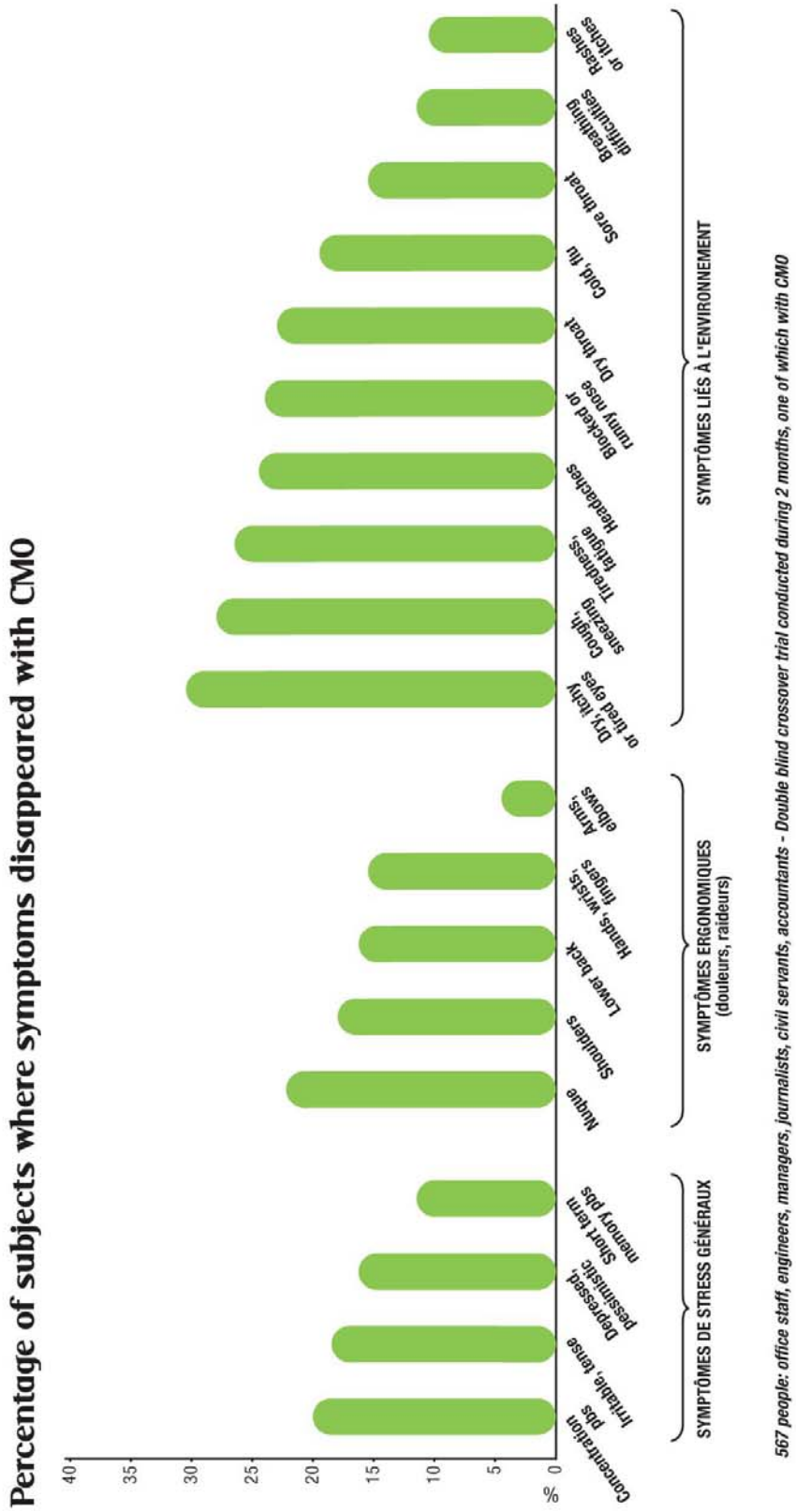
These results have been confirmed in complementary trials on 965 people which show similar improvements.

Clements-Croome D, 1999, 2000, 2001 - Reading University, United Kingdom

SUMMARY

Exposed	An average of 6.6 symptoms observed per person
Exposed and protected by CMO	An average of 4.3 symptoms observed per person -> 35% of symptoms eliminated with CMO

Enlargement of the graph on page 6



Protecting against stress symptoms (2/2)

FACTOR ANALYSED

Electromagnetic stress symptoms caused by mobile telephones (GSM)

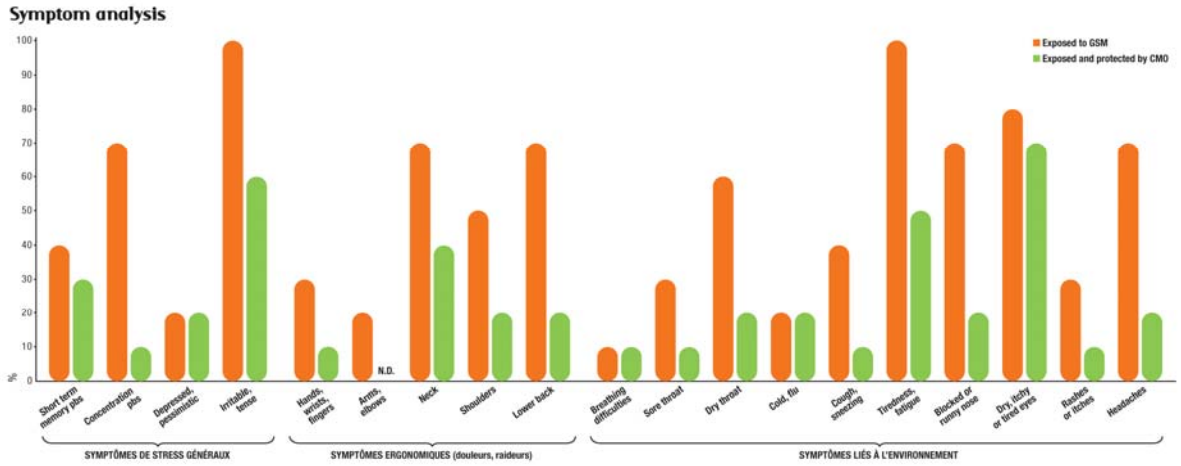
COMMENTS

As in the previous trial, the stress symptoms studied in this protocol are usually related to ergonomic and environmental factors and the general stress of working in company offices. It seems as if chronic exposure to the radiation from GSM can cause the same type of neurophysical, functional and inflammatory symptoms.

This trial was conducted as a double blind (with a placebo*) crossover study (with or without CMO). The difference between the CMO protected group and the unprotected group is that 51% of the stress symptoms observed in GSM users have statistically disappeared when the users have compensatory oscillation (CMO). This demonstrates the presence of an electromagnetic stress which is, on its own, responsible for 51% of the symptoms that are usually recorded and which are caused by regular exposure to radiation from GSM.

** dummy: empty and inactive CMO*

GRAPHIC PRESENTATION OF TRIAL RESULTS



See the enlarged version of this graph opposite > > >

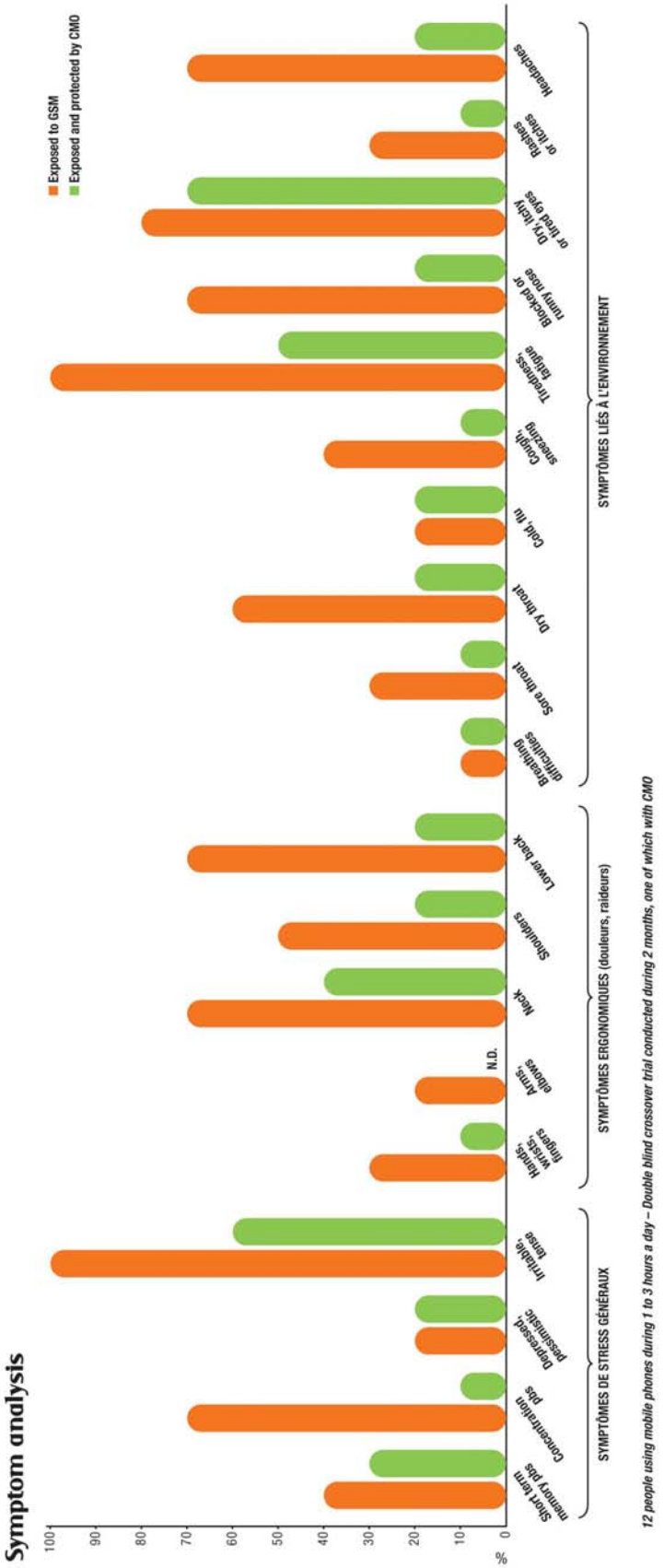
12 people using a GSM for 1 to 3 hours per day
Trial conducted as double blind crossover trail during 2 months, 1 of which was with a CMO.

Clements-Croome D - Reading University, United Kingdom

SUMMARY

Exposed	An average of 10 symptoms observed per person
Exposed and protected by CMO	An average of 4.9 symptoms observed per person -> 51% of symptoms eliminated with CMO

Enlargement of the graph on page 8



Neuropsychology and working on screens

FACTOR ANALYSED

Motivation and serenity

COMMENTS

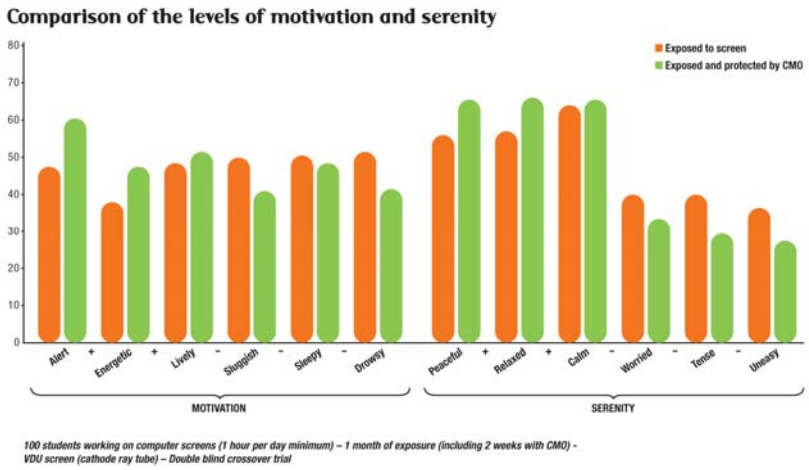
Low intensity electromagnetic fields (EM) emitted by viewing screens change their users' EM environment, which can effect brain function and results in a changed psychological status. Professor Canavan, a neuropsychiatrist, evaluated the psychological and emotional status of 100 students at his university working with cathode ray computer screens using the "Mood Test".

Motivation and serenity levels* were increased by 48 (166%) and 46.8 (77%) points respectively in students protected by CMO compared to unprotected students (with a placebo**).

The presence of a compensatory oscillator (CMO) therefore greatly improved the psychological status of people working with cathode ray computer screens by making the EM environment biocompatible.

** see the quantification methods under the graphic.*
***dummy: empty and inactive CMO*

GRAPHIC PRESENTATION OF TRIAL RESULTS



See the enlarged version of this graph opposite >>>

Mathematical formulae used to quantify the levels:

MOTIVATION = alert + energy + enthusiasm - apathetic - sleeping – sleepy
SERENITY = peaceful + relaxed + calm - anxious - tense - uneasy

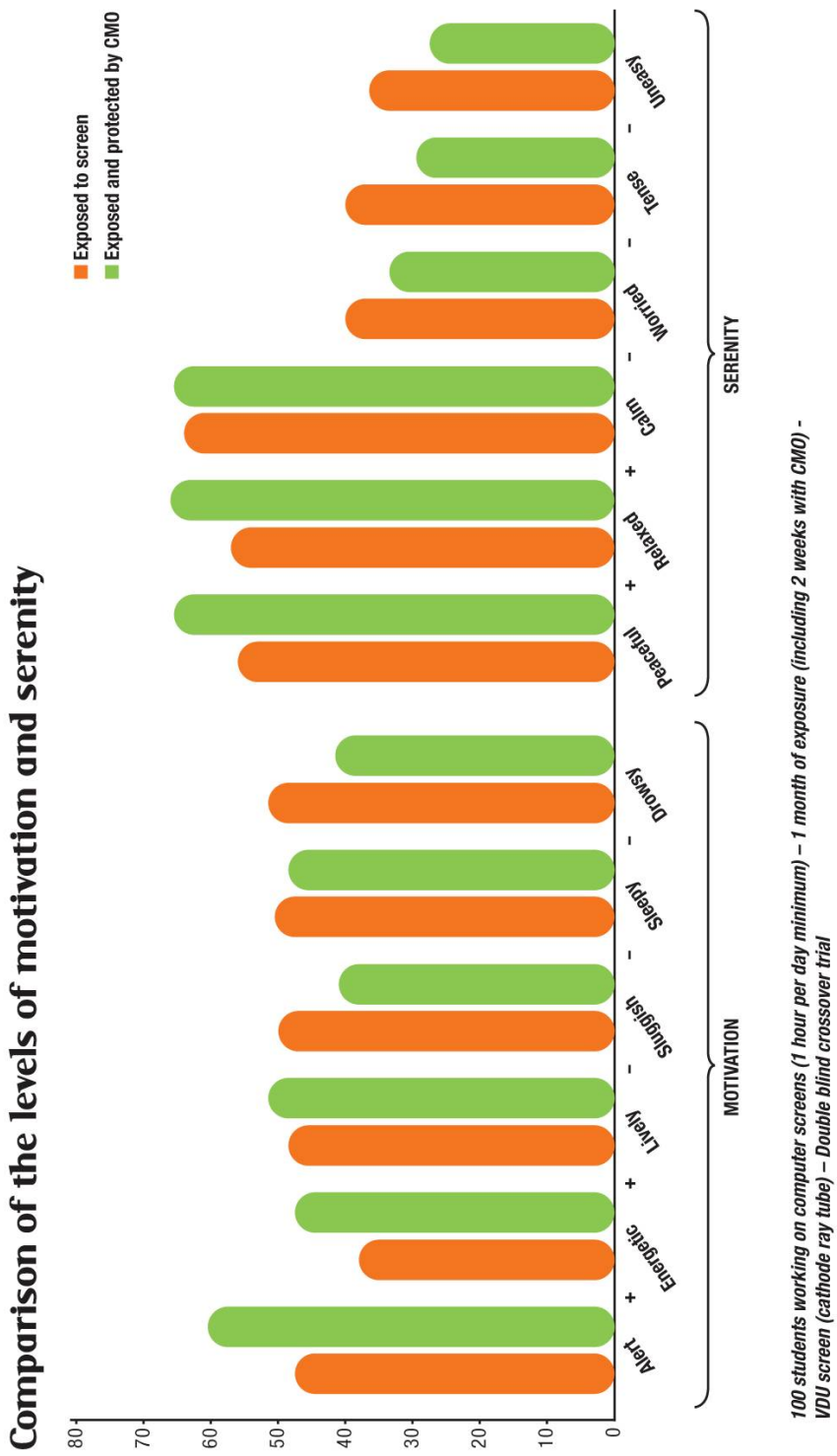
Canavan A, 1997 – Luton University, United Kingdom

SUMMARY

Exposed — Altered psychological status (average motivation and serenity levels)

Exposed and protected by CMO — Motivation and serenity levels increased by 77% and 166% with CMO

Enlargement of the graph on page 10



Protection in ophthalmology (1/2)

FACTOR ANALYSED

Corneal trauma

COMMENTS

Professor Miyata's (Japan) work in man and animals on the effects of electromagnetic fields on the eye and vision have shown that ocular problems in users of screens and certain pathologies are due in part to the screen's electromagnetic fields and not just the luminosity and contrast.

In practice, screen filters do not protect the eye or sight against electromagnetic radiations even though they may provide some visual comfort (flickering, brightness).

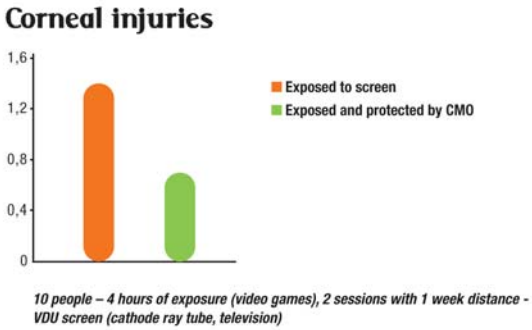
This trial showed that micro-ulcerations develop on the cornea after 4 hours of continuous video gaming on a television screen (subjects at 1.20 metres from the screen).

The presence of a compensatory oscillator (CMO) reduced corneal ulcerations by 50%.

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Micro-ulcerations and corneal infection (keratitis)

GRAPHIC PRESENTATION OF TRIAL RESULTS



Miyata, 1999 – Kitasato University, Tokyo, Japan

SUMMARY

Exposed Corneal micro-ulcerations

Exposed and protected by CMO Return to normal levels with the CMO: 50% reduction in incidence of corneal micro-ulcerations.

Protection in ophthalmology (2/2)

FACTOR ANALYSED

Eye's accommodation ability

COMMENTS

Electromagnetic fields from viewing screens are partly responsible for ocular problems in people using this equipment.

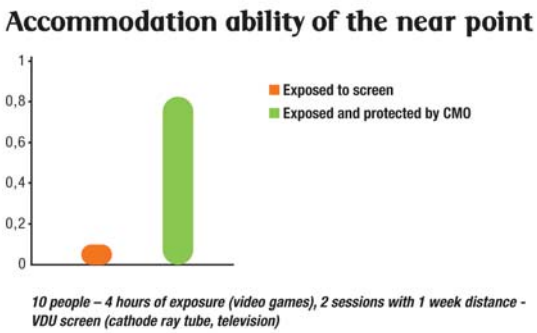
In practice, screen filters do not protect the eye and sight against electromagnetic radiations because the filters do not make the viewing screens biocompatible for the user.

In this trial, using a compensatory oscillator (CMO) increased the accommodation ability of protected subjects by a factor of 10 whilst also reducing the observed ocular fatigue.

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Ocular fatigue
- Poor accommodation ability

GRAPHIC PRESENTATION OF TRIAL RESULTS



Miyata, 1999 – Kitasato University, Tokyo, Japan

SUMMARY

Exposed	Ocular fatigue, average accommodation ability
Exposed and protected by CMO	Return to normal levels with the CMO: 10 fold increase in accommodation ability

Trials in animals

Protecting the hormonal system (1/4)

FACTOR ANALYSED

Melatonin production

COMMENTS

Melatonin is a hormone that regulates sleep and stimulates the immune system. It has anti-radical and anti-tumour properties. This hormone is known to be electromagnetic sensitive.

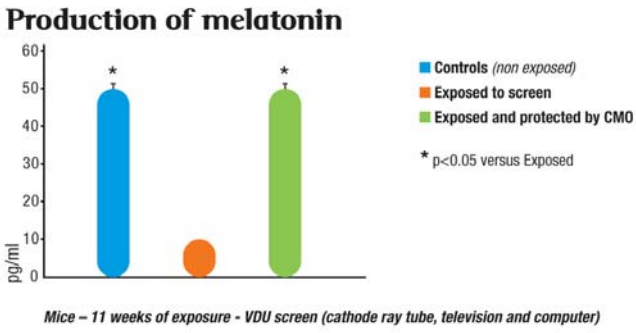
The virtual cessation of Melatonin production under the influence of an electromagnetic field shows the inability of exposed animals to manage their electromagnetic stress. The resulting oxidative stress is due to a reduced anti-oxidant activity or an increase in the number of free radicals. It can cause several types of damage to cells, including cell death.

The presence of a compensatory oscillator (CMO) returned Melatonin levels to normal.

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Sleeping problems
- Tiredness, depression
- Accelerated oxidative stress
- Premature ageing
- Increased epileptic crises
- Acceleration of pre-existing tumoral processes

GRAPHIC PRESENTATION OF TRIAL RESULTS



Mice – 11 weeks of exposure - VDU screen (cathode ray tube, television and computer)

Bastide M, 1997 - Youbicier-Simo B-J, 2001 – Montpellier University, France

SUMMARY

Exposed — 80% reduction in Melatonin production compared to an unexposed control group

Exposed and protected by CMO — Return to normal levels with the CMO

Protecting the hormonal system (2/4)

FACTOR ANALYSED

ACTH release from hypophyseal cells

COMMENTS

ACTH (adreno-cortico-tropic hormone) is a stress hormone. It is secreted by the anterior hypophysis (anterior pituitary gland) in response to information received by the central nervous system. Its role is to stimulate the secretion of other hormones, especially cortisol (see later).

Abnormal variations in blood ACTH and glucocorticoid (Corticosterone, Cortisol) levels are symptomatic of a state of stress (ACTH = stress marker).

A 400% increase in ACTH levels in animals in an electromagnetic field is an unequivocal observation of considerable stress provoked in the body by the radiation ("electromagnetic stress").

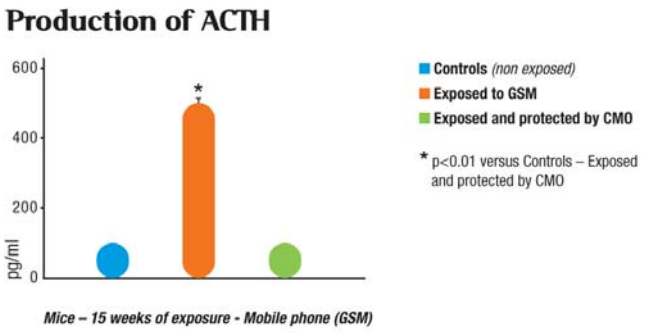
The presence of a compensatory oscillator (CMO) returned levels to normal of this hormone which is an essential indicator of the hormono-immune system regulation.

POTENTIAL PATHOLOGICAL CONSEQUENCES

Nervous and muscular systems:
- o Psychic instability, irritability
- o Tendency for depression
- o Muscle weakness, contractures

Immune system:
- o Reduced defences against bacteria, virus, parasites, allergies
- o Aggravation of inflammatory diseases

GRAPHIC PRESENTATION OF TRIAL RESULTS



Dayanithi G, 2001 - INSERM U432, Montpellier, France

SUMMARY

Exposed 5 fold increase in release of the stress hormone ACTH compared to an unexposed control group

Exposed and protected by CMO Return to normal levels with the CMO

Protecting the normonal system (3/4)

FACTOR ANALYSED

Cortisol production in the adrenal glands

COMMENTS

Cortisol is an adrenal (above the kidneys) hormone that regulates the immune system. Its production is stimulated by the hypophysis (pituitary gland), a gland in the brain that is the control centre for hormones and immunity which are themselves interrelated.

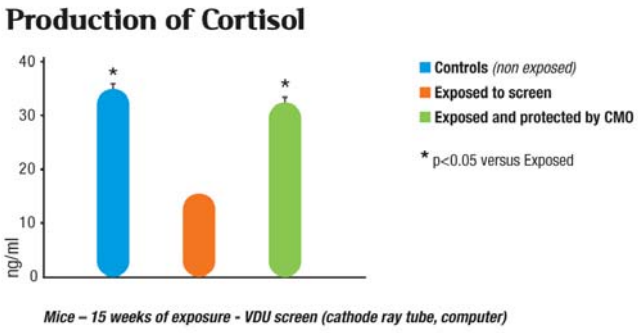
Its production is controlled by ACTH and varies throughout the day. Its role is to regulate sugar, lipid, protein, ion and water metabolism to limit any sudden changes in the body's physiological balance. It is involved in stress management and inflammatory processes.

This trial showed a 57% reduction in Cortisol production in mice exposed to radiation from a cathode ray computer screen. The presence of a compensatory oscillator (CMO) returned levels to almost normal (reduction limited to only 8%).

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Metabolic changes (sugars, fats, proteins)
- Inflammations
- Changed ion metabolism

GRAPHIC PRESENTATION OF TRIAL RESULTS



Mice – 15 weeks of exposure - VDU screen (cathode ray tube, computer)

Faivre-Bonhomme L, 2000 - Paul Brousse Hospital, Paris, France

SUMMARY

Exposed — 57% reduction in Cortisol production compared to an unexposed control group

Exposed and protected by CMO — Return to almost normal levels with the CMO

Protecting the hormonal system (4/4)

FACTOR ANALYSED

Corticosterone production in the adrenal glands

COMMENTS

Corticosterone is an adrenal (above the kidneys) hormone that regulates the immune system. Its production is stimulated by the hypophysis (pituitary gland), a gland in the brain that is the control centre for hormones and immunity which are themselves interrelated.

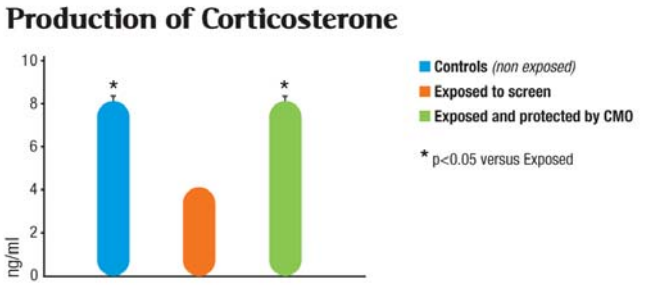
This trial showed a 50% reduction in Cortocosterone production in animals exposed to radiation from a cathode ray computer screen or a television.

The presence of a compensatory oscillator (CMO) returned levels to normal.

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Deregulation of the immune system, reduction in bacterial, viral, defences, etc.
- Deregulation of the nervous and muscular systems: psychic instability, cramps, etc.

GRAPHIC PRESENTATION OF TRIAL RESULTS



Young chickens – 38 days of exposure - VDU screen (cathode ray tube, television and computer)

Bastide M, 1997 - Youbicier-Simo B-J ,2001 – Montpellier University, France

SUMMARY

Exposed — Corticosterone production reduced by half compared to an unexposed control group

Exposed and protected by CMO — Return to normal levels with the CMO

Protecting cellular ion exchanges

FACTOR ANALYSED

Calcium concentration in hypophyseal cells

COMMENTS

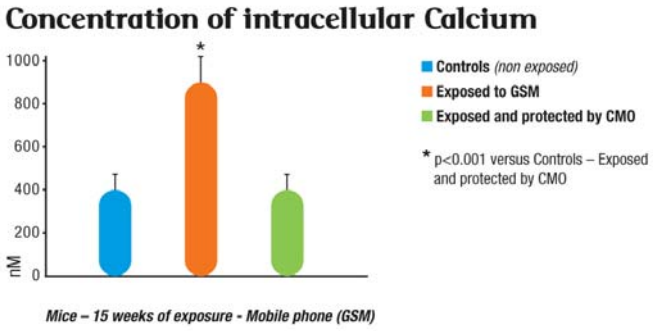
Calcium (Ca^{++}) plays an essential role in all cellular exchanges, especially in nervous tissue. It is an important mediator ("second messenger") in most cellular biochemical reactions. The hypophysis (brain gland) is a hormone control centre. Calcium and ACTH (see page 17) are essential components in the regulation of the hormono-immune systems.

Stress observed in subjects exposed to radiation from a mobile telephone provokes a strong perturbation of intracellular calcium that forces the body to use its re-balancing mechanisms. This provokes great cellular stress and results in the displacement of other ionic charges (Magnesium Mg^{++}) that are critical for the metabolism. The presence of a compensatory oscillator (CMO) returned calcium levels to normal.

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Changes to the activity of cellular enzymes activity (including transduction of signals)
- Displacement of ionic charges (cellular stress)
- Changed metabolism, spasmophilia
- Hormonal deregulations (thyroid, adrenal, ovaries...)

GRAPHIC PRESENTATION OF TRIAL RESULTS



Dayanithi G, 2001 - INSERM U432, Montpellier, France

SUMMARY

Exposed — Calcium concentration doubled compared to an unexposed control group

Exposed and protected by CMO — Return to normal levels with the CMO

Protecting cellular function (1/3)

FACTOR ANALYSED

Formation of DNA micro-nuclei

COMMENTS

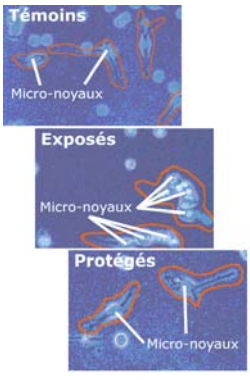
An increased rate of formation of micro-nuclei in immune system cells (lymphocytes - macrophages) can indicate that there is a malfunction in the cellular cycle, cell death (apoptosis) or carcinogenesis (cancer development).

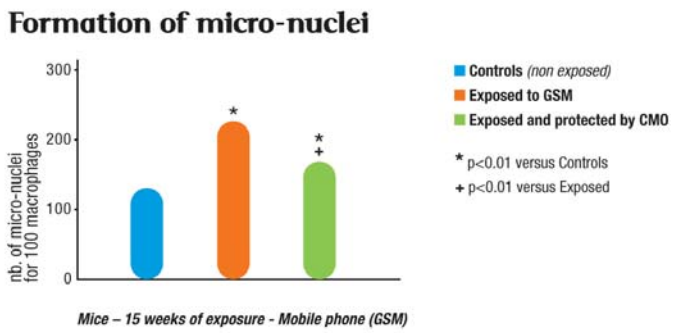
The trial involved the microscopic counting of the number of DNA fragments present in peritoneal macrophages (white blood cells, immune system cells) in exposed animals. The presence of these micro-nuclei in the cells are a possible first stage in carcinogenesis if these abnormal cells are not eliminated by the body' defence mechanisms. The large number of cells containing several DNA fragments in individuals exposed to a mobile telephone is clear evidence of the effects of its radiation at a fundamental level of the biological system. A compensatory oscillator (CMO) reduced micro-nuclei formation by 61%. The virtually normal level obtained corroborates the results for embryonic death described later (see page 26).

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Cell death (apoptosis)
- Cancer development (uncontrolled development of abnormal cells)

GRAPHIC PRESENTATION OF TRIAL RESULTS





Youbicier-Simo B-J, 2001 - Tecnolab, France

SUMMARY

Exposed — 73% increase in the number of micro-nuclei (DNA fragments) compared to an unexposed control group.

Exposed and protected by CMO — 61% reduction in micro-nuclei formation compared to an unexposed control group

Protecting cellular function (2/3)

FACTOR ANALYSED

HSP 70 protein synthesis

COMMENTS

An increase in synthesis of the stress protein HSP 70 is a sign of cellular stress (and also of the hyper-activation of the DNA's SRE sequence – see page 23). It shows that a factor that is toxic for the body is present. The stress protein HSP 70 is considered to be a significant marker for evaluating environmental pollution.

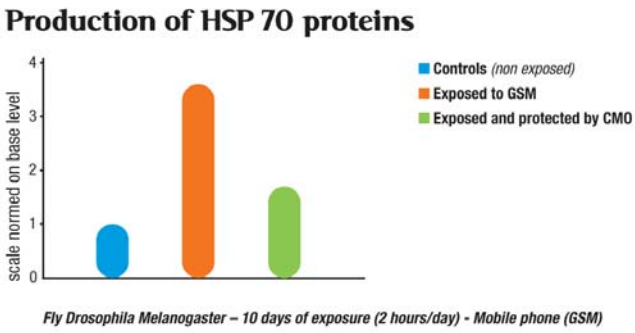
The test involves quantifying HSP 70 synthesis in the living systems studied which are exposed to electromagnetic radiation from a mobile telephone.

The trial results provide objective data of a large cellular stress linked to exposure. The presence of a compensatory oscillator (CMO) reduced HSP 70 by 73% compared to the increase seen in exposed subjects.

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Auto-immune diseases
- Infectious diseases

GRAPHIC PRESENTATION OF TRIAL RESULTS



Fly Drosophila Melanogaster – 10 days of exposure (2 hours/day) - Mobile phone (GSM)

Goodman R, Weisbrot D, 2003 - Pathology Department, Columbia University Health Sciences, USA

SUMMARY

Exposed — 3.6 fold increase in HSP70 synthesis compared to unexposed control group

Exposed and protected by CMO — 73% reduction in HSP 70 synthesis in the exposed group

Protecting cellular function (3/3)

FACTOR ANALYSED

Activation of the DNA SRE sequence

COMMENTS

Hyperactivation of the DNA's SRE sequence is a sign of DNA cellular stress (as is an increase in the levels of the stress protein HSP 70 – see earlier). The *c-myc*, *c-fos* and *c-jun* genes play an important role in regulating and controlling the body's development and are known to be involved in carcinogenic cell changes. These genes control cellular growth via the DNA's regulatory sequence called SRE, Serum Response Element.

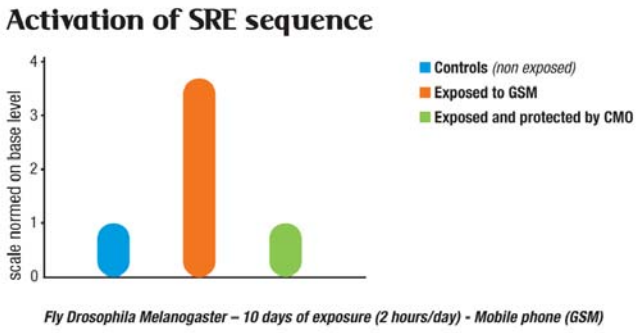
The test involves quantifying SRE hyperactivation in the living systems studied which are exposed to electromagnetic radiation from a mobile telephone. This hyperactivation promotes cell proliferation and could promote carcinogenesis.

The trial results provide objective data of a large cellular stress linked to exposure. The presence of a compensatory oscillator (CMO) returned SRE to normal.

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Carcinogenesis (uncontrolled cell proliferation)

GRAPHIC PRESENTATION OF TRIAL RESULTS



Fly Drosophila Melanogaster – 10 days of exposure (2 hours/day) - Mobile phone (GSM)

Goodman R, Weisbrot D, 2003 - Pathology Department, Columbia University Health Sciences, USA

SUMMARY

Exposed — 3.7 fold increase in the cellular growth factor (SRE) compared to an unexposed control group

Exposed and protected by CMO — Return to normal levels with the CMO

Protecting the immune system (1/2)

FACTOR ANALYSED

Antibody production

COMMENTS

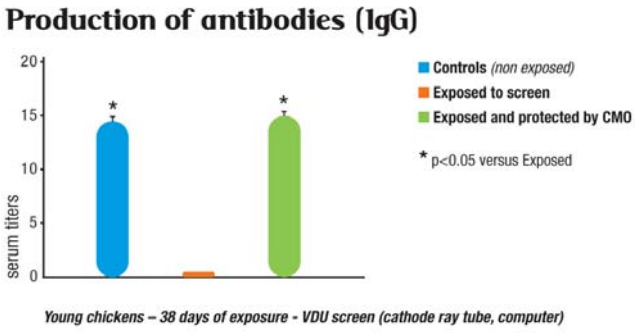
The antibodies evaluated (Immuno-globulin G - IgG) in this trial are defence molecules produced by the body to combat any foreign molecule. An immune system depression creates favourable conditions for chronic, relapsing or benign infections to develop (e.g. head colds) and can be an aggravating factor in people who already have fragile health ("sanitary sentinels").

The virtual cessation of production (-95%) of IgG antibodies in young chickens exposed to radiation from a cathode ray screen demonstrates the important effect that electromagnetic fields have on the body which provoked an immune system collapse in the subject studied. The presence of a compensatory oscillator (CMO) returned antibody levels to normal.

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Chronic benign infections (colds, etc.)
- Fragility in slow virus carriers (HIV, etc.)

GRAPHIC PRESENTATION OF TRIAL RESULTS



Bastide M, 1997 - Youbicier-Simo B-J, 2001 – Montpellier University, France

SUMMARY

Exposed — Virtual cessation of antibody production compared to an unexposed control group

Exposed and protected by CMO — Return to normal levels with the CMO

Protecting the immune system (2/2)

FACTOR ANALYSED

Monocyte production

COMMENTS

Monocytes are white blood cells. They enter different tissues where they change into macrophages (basic role in immunity: eat bacteria at the site of an infection, repair tissues, attack viruses, ...).

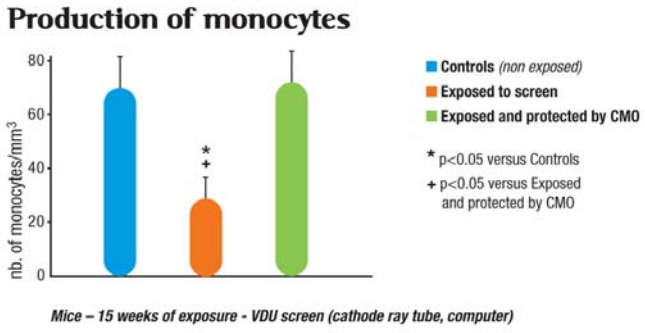
As for the antibodies previously discussed, a depression of the immune system creates favourable conditions for chronic, relapsing or benign or more serious infections to develop (e.g. head colds)

The large reduction (-58%) in monocyte production in mice exposed to radiation from a cathode ray screen demonstrates the important role of electromagnetic radiation on the body, which, in this trial, greatly weakens the immune system. The presence of a compensatory oscillator (CMO) returned monocyte levels to normal.

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Chronic benign infections (colds, etc.)
- Fragility in slow virus carriers (HIV, etc.)

GRAPHIC PRESENTATION OF TRIAL RESULTS



Mice – 15 weeks of exposure - VDU screen (cathode ray tube, computer)

Faivre-Bonhomme L, 2000 - Paul Brousse Hospital, Paris, France

SUMMARY

Exposed — 58% reduction in monocyte production compared to an unexposed control group

Exposed and protected by CMO — Return to normal levels with the CMO

Protecting embryogenesis

FACTOR ANALYSED

Embryonic death

COMMENTS

Evaluating embryonic death in a living creature reveals the anomalies that arise during its development that lead to its death. Chick embryos are considered to be one of the living systems that are most sensitive to environmental risks including those from artificial electromagnetic fields.

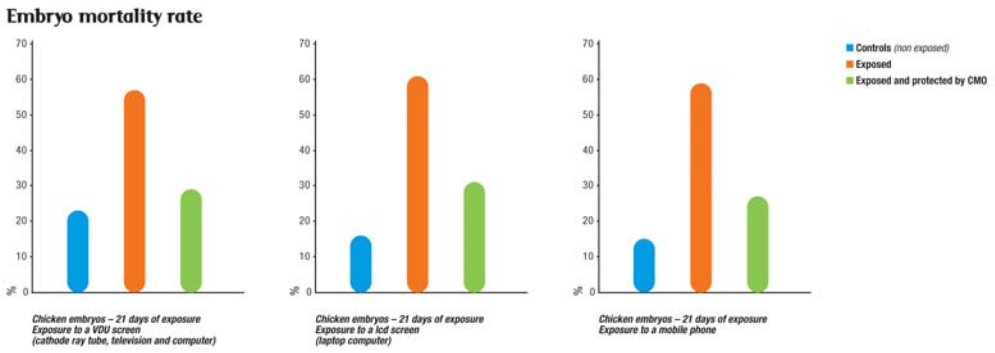
The strong increase in embryonic death observed in this trial is a sign of the extreme toxicity of electromagnetic radiation in electrical and electronic equipment such as computer screens (flat LCD and cathode ray tube) and mobile telephones.

This trial demonstrates that even when permanently exposed (which causes the death of most of the control group of embryos), the presence of a compensatory oscillator (CMO) allows vital processes to be protected or maintained and results in a virtually normal mortality rate.

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Possibility of spontaneous abortion in women

GRAPHIC PRESENTATION OF TRIAL RESULTS



Youbicier-Simo B-J, Bastide M, 1997-2001 - Montpellier University, France

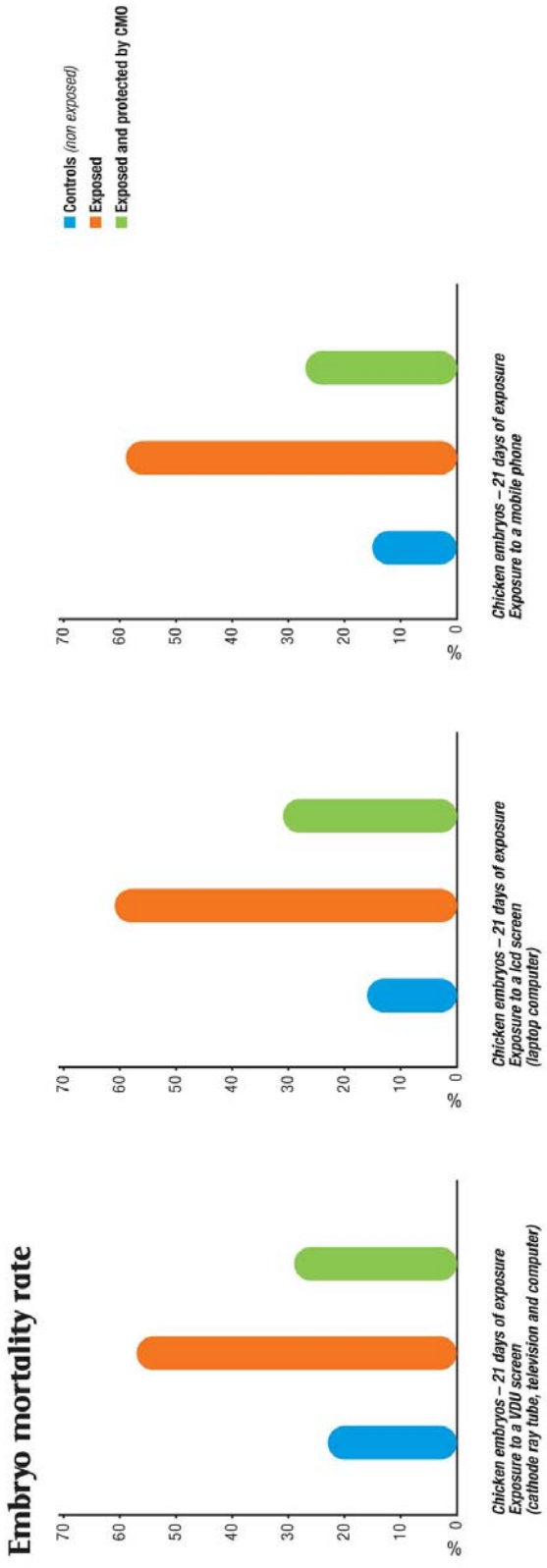
See the enlarged version of this graph opposite > > >

SUMMARY

Exposed — 150% to 290% increase in embryonic mortality compared to an unexposed control group

Exposed and protected by CMO — Return to almost normal levels with the CMO

Enlargement of the graph on page 26



Protecting neurogenesis

FACTOR ANALYSED

Neuronal proliferation in the hippocampus

COMMENTS

The hippocampus is involved in short-term memory and learning mechanisms. A reduction in neurone proliferation (neurogenesis) in the hippocampus or a problem of their renewal can lead to problems with these mechanisms/functions.

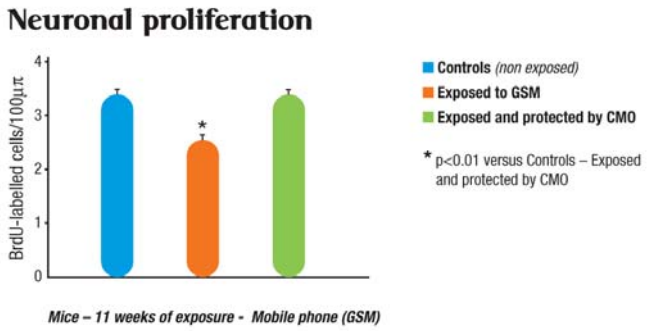
In addition, a long-lasting reduction in neurone proliferation in the hippocampus during an individual's development period could lead to an atrophied hippocampus in the adult.

This pilot study demonstrates a 25% reduction in neurone proliferation in the hippocampus in mice exposed to radiation from a mobile telephone. Inversely, the presence of a compensatory oscillator (CMO) returns the neuronal development studied to normal.

POTENTIAL PATHOLOGICAL CONSEQUENCES

- Troubles with short-term memory
- Hippocampus atrophy is a clinical sign of Alzheimer's disease

GRAPHIC PRESENTATION OF TRIAL RESULTS



Youbicier-Simo B-J, 2001 - Tecnolab, France

SUMMARY

Exposed 25% reduction in neurone proliferation compared to an unexposed control group

Exposed and protected by CMO Return to normal levels with the CMO

Performance of the CMO technology

Summary table of trial results

Summary table of trial results

TRIALS IN MAN		**Gap with control group[1]**	
Category	**Effect of CMO on the analysed parameter**	**Exposed and not protected** ***(control group)***	**Exposed and protected by CMO**
Stress resistance	Increase in rapidity, vigilance and concentration	0%	+ 15%
Stress symptoms	Decrease in stress symptoms (computer screen)	0%	- 38%
	Decrease in stress symptoms (mobile phone)	0%	- 51%
Neuropsychology	Increase in the level of motivation	0%	+ 77%
	Increase in the level of serenity	0%	+ 166%
Ophthalmology	Reduction in incidence of corneal micro-ulcerations	0%	- 50%

(1) Exposed to ElectroMagnetic Fields (EMF) and not protected by CMO

TRIALS IN ANIMAL		**Gap with control group[2]**	
Category	**Effect of EMF[3] and of CMO on the analysed parameter**	**Exposed and not protected**	**Exposed and protected by CMO**
Hormonal system	Reduction in Melatonin production	- 80 %	0%
	Increase in the release of stress hormone ACTH	+ 400%	0%
	Reduction in Cortisol production	- 57 %	- 8%
	Reduction in Corticosterone production	- 50 %	0%
	Increase in intracellular Calcium concentration	+ 100 %	0%
Cellular function	Increase in DNA micro-nuclei formation in immune systems cells	+ 73 %	+ 28%
	Increase in stress protein HSP70 synthesis	+ 260 %	+70%
	Hyperactivation of cellular growth factor (DNA SRE sequence)	+ 270 %	0%
Immune system	Virtual cessation of antibody production	- 95 %	0%
	Reduction in monocyte production	- 58%	0%
Embryogenesis	Increase in embryonic mortality	+ 150 -> + 290 %	+ 26% -> + 90%
Neurogenesis	Reduction in neurone proliferation in the hippocampus	- 25 %	0%
Respiratory system[4]	Increase in exhaled nitric oxide level	+ 40 %	0%

(2) Not exposed to EMF (controls) *(3) ElectroMagnetic Fields* *(4) Trial in Man*

Efficacy of CMO technology

Protection is absolute on 80% of analysed parameters, and almost integral on the remaining 20%.

Scientists who have participated in the research and reports included in this file

Maurice FILLION-ROBIN

General Manager, TECNOLAB Research Centre,
av. de l'Europe, ZAC de la Thalie, 71100 Chalon-sur-Saône, France
Director of research into fundamental biophysics of electromagnetic biocompatibility (1991-2001) and technological development (patent for compensation magnetic oscillators)
Co-author of publications:

- Fillion-Robin M., Marande J.L., Limoni C., "Protective effect of Tecno AO antenna against VDU electromagnetic fields as a stress factor", EBEA, 1996 ;
- V.N. Binhi, M. Fillion-Robin and G. Picard, "Physical constraints specifying possible primary mechanism whereby Tecno AO and superweak EMFs affect biological systems"; BEMS, 1998
- M. Fillion-Robin, A. Akimov, V.N. Binhi, "Tecno AO technology: Biological effects of EM and torsion fields". PIERS, 1999
- B.J. Youbicier-Simo, R. Messagier, M. Fillion-Robin, "Review of studies validating the protective efficacy of a new technology designed to compensate potential adverse bioeffects caused by VDU and GSM cell phone radiation". Radioprotecçao, The Journal of the Portuguese Society for Radiation Protection (IRPA) Vol.1 Nos. 8 and 9: 105-123, 2001
- V.N. Binhi, M. Fillion-Robin, "Biological effects of hyperweak electromagnetic fields : Present safety standards conflict with reality" In publication
- V.N. Binhi, M. Fillion-Robin1 and E.V. Stepanov[2], "Effect of Tecno AO protection on concentration of exhaled nitric oxide in humans".
  1 - Tecnolab Research Centre, ZAC de la Thalie, Av. l'Europe, 71100 Chalon Sur Saône, France
  2 - General Physics Institute RAS, Moscow, 117942 Russia

Dr. Vladimir N. BINHI

PhD. in Mathematics and Physics
Head of Electromagnetic Biophysics Laboratory,
General Physics Institute, Russian Academy of Sciences,
38, Vavilova St., Moscow 119991, GSP-1, Russia
Consultant, Director of Physics and Biophysics Department, Tecnolab Research Centre, France
Expertise: Quantum physics
Member of the Russian Academy of Sciences
Official WHOcorrespondent for Russia
Magnetic processes in molecular systems
Proton dynamics and structure defects in liquid water
Theoretical modelling of biological effects of electromagnetic fields
Magnetic measurements
Peer-reviewed international publications since 1990: 24
Abstracts, preprints, reports: 34
Author of a book on theoretical biophysics:
"Magnetobiology: Underlying Physical Problems" published by Academic Press, London, 2002

Dr. René MESSAGIER

Doctor of medicine
General practitioner
Medical Research Director, Tecnolab Research Centre
Author of a literature review:

- "Synthèse : Champs électromagnétiques et Biologie."
  European BioElectromagnetics Association (EBEA) congress, 1996 Nancy, France

Peer reviewed publications:

- Co-author: B.J. Youbicier-Simo, R. Messagier, M. Fillion-Robin,
  Youbicier-Simo et al., 'Review of studies validating the protective efficacy of a new technology designed to compensate potential adverse bioeffects caused by VDU and GSM cell phone radiation',
  Radioprotecçao, The Journal of the Portuguese Society for Radiation Protection (IRPA) 2001, Vol.1 Nos. 8 and 9: p105-123, 2001.

Prof. Yu.G. GRIGORIEV

Prof. Dr.MD Sc.
State Scientific Center of Russian Federation - Institute of Biophysics (SSCRF), Moscow, Russia
Chairman of Russian National Committee on Non-Ionizing Radiation Protection (RNCNIRP)
Member of the Academy of Sciences of Russia

Dr. Benoît-Jules YOUBICIER-SIMO

Doctor in Neurosciences
University Reader
Immunology and Parasitology Laboratory, Pharmacy Faculty, Montpellier 1 University,
15, av. de Flahault, 34060 Montpellier Cedex 1, France
Biological Research Director, Tecnolab Research Centre
Expertise: neuro-endocrinology, immunology
Peer-reviewed international publications: 7
Peer-reviewed international publications on bio-electromagnetism: 3
B.J. Youbicier-Simo et al."Biological effects of continuous exposure of embryos and young chickens to electro-magnetic fields emitted by video displays units", Bioelectromagnetics 1997 Vol 18, N. 7: 514-523.
Bastide et al., "Etude toxicologique des rayonnemments électromagnétiques émis par les écrans de visualisation (TV, ordinateurs) et de téléphones cellulaires chez le poulet et la souris", Journées scientifiques: "Impacts sur l'homme des rayonnements ionisants et non-ionisants", Brest, France, 23-24 June 2000, Actes du Colloque, p181-194.
B.J. Youbicier-Simo et al., 'Review of studies validating the protective efficacy of a new technology designed to compensate potential adverse bioeffects caused by VDU and GSM cell phone radiation', Radioprotecçao, The Journal of the Portuguese Society for Radiation Protection (IRPA) 2001, Vol.1 Nos. 8 and 9:
Participation in editing a scientific book: 1
International congresses with peer review: 15

Prof. Madeleine BASTIDE

Professor Emeritus in Immunology
Pharmacy Faculty – Immuniology & Parasitology Laboratory - Faculté de Pharmacie - Montpellier 1 University-France
Peer-reviewed international publications: 93 (1965 - 1997)
World renowned for her fundamental biological research on the effects of high dilutions and low doses and their possible mechanisms for biological information.
Since1993:
Director of studies conducted in conjunction with Dr B.J.Youbicier-Simo at Montpellier 1 University on the effects of magnetic fields on chickens and mice exposed to viewing apparatus and mobile telephones and their stan-dardisation using the magnetic oscillation compensation technology developed by Tecnolab (in 1991).
Peer-reviewed international publications from this work: 3 (1997-2000-2001)

Dr. Laurence BONHOMME-FAIVRE

Doctor in Pharmaceutical Sciences
Hospital Pharmacist
Head of Pharmacy-Pharmacology Service - Paul Brousse teaching hospital, Paris, France
Associate professor, PARIS XI University, Paris, France
(1988-2000) Publications

- international journals: 54 / national journals: 8
- other international publications: 6 (1992-93)

(1987-2001) Congress communications

- international: 53 / on CEM: 18 since 1994
- national: on CEM: 6

Peer-reviewed international publications on CEM: 3 in 1995, 1998 and 2000

- effect of 50Hz in mice and man
- effects of exposure to TV on mice

in France in1997 - human cancer and ELFs
in 2000 - Danger of mobile telephones and their relay stations

Prof. Anthony G. CANAVAN †

B.A, M.Phil.,M.A., D.Phil., AFBPsS, C.Psychol.
Professor of Clinical Psychology
Institute for Health Services Research (IHSR)
University of Luton, UK
Professor and Research Director
Neurological Therapy Centre - Düsseldorf University Institute – Düsseldorf - Germany
Specialist in clinical neuropsychology
Subject taught: Research methods, Statistics, Neuropsychology, Clinical Psychology.
Peer-reviewed international publications: 69
(1983 - 1997)

Prof. Derek CLEMENTS-CROOME

BSc., MSc.,Ph.D., CEng., CPhys.
Professor of Construction Engineering
Department of Construction Management & Engineering, University of Reading, Reading RG6 6AW, UK
2000: Awarded Lifetime Membership of the International Academy of Indoor Air Sciences
Editor and founder of:
International Intelligent Building Journal
1972-2000: Author of books on architecture, the environment and ergonomy at work as productivity factors:12
Latest publication: "Creating the Productive Workplace", 2000
Congresses, conferences: 105
Publications (1962 - 2000): 224

Dr. V.S. STEPANOV

Deputy Director
State Scientific Center of Russian Federation - Institute of Biophysics (SSCRF), Moscow, Russia
(WHO adviser)

Prof. Gerald J. HYLAND

Ph.D. in Theoretical Physics
1998-2001 - Senior Lecturer in Theoretical Physics
Department of Physics, Warwick University, Coventry, UK
2001- Associate Fellow of Warwick University, Coventry, UK
1997- Member of the Executive Board of the International Institute of Biophysics, Neuss-Holzheim, Germany
1965- 91 - Work on biophysics with Prof. Herbert Fröhlich, F.R.S. 1985 "From Theoretical Physics to Biology : The Forward Path of Theory with Herbert Fröhlich"
International biophysics expert on the interaction of exogenous non-ionising CEM (MW) with the endogenous activity of coherent microwaves in living systems.
Government consultant on the potential risks of mobile telephones and their non-thermal health effects.
Peer-reviewed international publications on bio-electromagnetism: 15
Current theories and research: Origins of 'coherent excitation' cerebral waves, biophotonic emissions and micro-waves at a cellular level; role of external CEM on EEG structure and spectrum; Creating of electromagnetic bio-compatibility.
(WHO adviser)

Prof. Reba Goodman

Professor of Pathology, Department de Pathology, Columbia University Health Sciences, 630 West, 168 Street, New York, USA

Dr. Jean-Luc MARANDE

Doctor of medicine
Specialist employment service doctor
Hospital doctor
Cochin-Tarnier Teaching Hospital Group, Paris, France
Congresses, conferences: 10
Peer-reviewed international publications: 13
1981- 97: Publications as part of the Comité d'Hygiène et Sécurité du Travail (health and safety at work committee): 21
1989-95: Clinical pharmacology research work on hepatitis A, B and C in healthcare workers
Research work on CEM:
in 1986: The workplace risks of viewing screens
87/88/92/94 : Radioprotection in hospitals
95: Work on VDUs and secretaries
95: "Etude clinique de l'état de stress lié au travail sur écran et sa correction par une protection technique du CEM de l'écran"
97: Report: Working with VDUs - implementation of Decree no. 91-451 (May 14th 1991)

Prof. Mikio MIYATA

Professor of Medicine and Ophthalmology, Ophthalmology Faculty
1988-99 at Kitasato University of Medicine, Kanagawa, Japan
since 1999 at the Environmental Medical Center, Kitasato Institute Hospital, Japan
Publications in Japan: 139
For his expertise on CEM and the eye:
1999 Member of the Japanese government Research Board into the 700 simultaneous cases of epilepsy in children caused accidentally on December 16th 1997 by a Pokemon video game during a national television broadcast.
International publications:14

- "Experimental study on possibility of corneal injury by electromagnetic waves" Hippokrates Verlag Stuttgart, S.Ishikawa et al; reprint p 87-99, 1995
- "Aggravation of allergic conjunctivitis possibly due to electromagnetic waves", Current Aspects in Ophthalmology, Elsevier Science Publishers B.V., p. 214-218, 1992

Dr. Marco Francisco PAYA

Doctor of medicine
Director of the IMI
Specilist pain and balance Clinic, Alicante, Spain
Specialist in the medical evaluation and treatment of pain
1986-98: Independent research on the theme of exogenous electromagnetic fields on the human body's endogenous fields.
Direction of theses, Paris XIII Faculty of Medicine, Paris, France
1999-2002: independent consultant and cordinator of Technolab medical trials,
Since 1999: Member of board of Comosystems S.L., Alicante, Spain, a company that is now manufacturing CMOunder an exclusive licence.

Dr. Govindan DAYANITHI

Doctor of medicine
Sensorial neurophysiology laboratory, U432 INSERM - 2, place Eugène Bataillo, Montpellier, France

NB: The TECNOLAB laboratory stopped its research activity in February 2002 and its main researchers are now re-united in the CIRBE association (Centre International de Recherche en Biophysique Electromagnétique - International Research Centre in Electromagnetic Biophysics)

Congresses and scientific publications on CMO technology (formerly Tecno AO)

International peer-reviewed scientific publications of experimental work on Compensatory Magnetic Oscillation [CMO] coordinated by TECNOLAB (Centre de Recherche en Biophysique Électromagnétique)

Tecno AO [AO: Autonomous oscillators]

"Biological Effects of Continuous Exposure of Embryos and Young Chickens to Electromagnetic Fields Emitted by Video Display Units"
B.J. Youbicier-Simo, F. Boudard, C. Cabaner, and M. Bastide,
Laboratory of Immunology, College of Pharmacy, University of Montpellier 1, France
BIOELECTROMAGNETICS, Vol 18, Number 7, 1997, pages 514-523

"Electromagnetic Biocompatibility at Workplace: Protection Principles, Assessment and Tests. Results of an EMF Protective Compensation Technology in Humans and in Animals"
G J. Hyland[1], D. J. Clements-Croome[2]
1 - University of Warwick, Coventry, UK and International Institute of Biophysics, Germany
2 - University of Reading, UK
PROGRESS IN RADIATION PROTECTION (IRPA Publication Series) NON IONIZING RADIATION, NIR 99, Vol 1, 1999, pages 213-242

"Ocular functions during loading by visual display terminal and the effect of Tecno AO"
Yayoi Satou, Akiko Hara, Kouji Oono, Hiromi Kikuchi, Hiroe Matsuzaki, Tatsuto Namba and Mikio Miyata
School of Medicine Kitasato University, 1-15-1 Kitasato, Sagamihara, Kanagawa, 228-8555, Japan
JAPANESE REVIEW OF CLINICAL OPHTALMOLOGY, Vol 11, Number 93, 1999, pages 1634-1637, 32-35

"Computers and Health in the Workplace"
Derek J. Clements-Croome[1], John Jukes[2]
1 - Department of Construction Management and Engineering, University of Reading, UK
2 - Jukes Association, Old Couldson, UK
HEALTHY BUILDINGS 2000: Exposure, Human Responses and Building Investigations, SYR INDOOR AIR, Vol. 1, 2000, pages 119-124

"Review of Studies Validating the Protective Efficacy of a New Technology* Designed to Compensate Potential Adverse Bioeffects Caused by VDU and GSM Cell Phone Radiation"
B.J. Youbicier-Simo, R. Messagier, M. Fillion-Robin,
Tecnolab Research Center, ZAC de la Thalie, Av. l'Europe, 71100 Chalon Sur Saône, France
RADIOPROTECÇÃO (Radioprotection) The Journal of the Portuguese Society for Radiation Protection (IRPA), Vol I, Number 8 and 9, 2000-2001, pages 105-123, ISSN 874-7016

"Toxicologic study of electromagnetic radiation emitted by television and video display screens and cellular telephones on chickens and mice"
M.. Bastide[1], B.J. Youbicier-Simo[1-2], J.C. Lebecq[1], J. Giaimis[1]
1 - Laboratory of Immunology and Parasitology, MENRT-EA 2413, College of Pharmacy, University of Montpellier 1, France
2 - Tecnolab Research Centre, ZAC de la Thalie, Av. l'Europe, 71100 Chalon Sur Saône, France
INDOOR AND BUILT ENVIRONMENT, Vol. 10, Number 5, 2001, pages 91-98

"Video screen exposure and 6-sulfatoxymelatonin urinary excretion in women"

R. Santini[1], R. Messagier[2] , B. Claustrat[3] , M. Fillion-Robin[2] , B.J. Youbicier-Simo[2]
1 - Institut National des Sciences Appliquées (INSA), Bât. Louis Pasteur, 20 rue Albert Einstein, 69621 Villerbanne, France
2 - Tecnolab Research Centre, ZAC de la Thalie, Av. l'Europe, 71100 Chalon Sur Saône, France
3 - Hôpital Neuro-cardiologique, Service de radiopharmacie et de radioanalyse, Centre de Médecine Nucléaire, 59 bd. Pinel, 69394 Lyon, France
PATHOLOGIE BIOLOGIE, Issue 51, 2003, pages 143-146

"Effects of mobile phone radiation on reproduction and development in Drosophila melanogaster"

Weisbrot David[1], Lin Hana[2], Ye Lin[1], Blank Martin[3], and Reba Goodman[1]
1 - Dept of Pathology, Columbia University Health Sciences, 630 West 168 St. New York 100032
2 - Dept of Pathology, Columbia University Health Sciences, 630 West 168 St. New York 100032
3 - Dept of Pathology, Columbia University Health Sciences, 630 West 168 St. New York 100032
JOURNAL OF CELLULAR BIOCHEMISTRY, Vol. 89, Number 1, 2003, pages 48-55
http://www3.interscience.wiley.com/cgi-bin/issuetoc?ID=104088364

Papers on Compensatory Magnetic Oscillation [CMO] presented during international scientific congresses
Tecno AO [AO: Autonomous oscillators]

"Biological effects of low dose radiations from TV set on embryos and young chickens: study of a protective material"
F. Boudard, B.J. Youbicier-Simo, J.D. Baylé, M. Bastide
Laboratory of Immunology, College of Pharmacy, Unit of Endocrine Neurobiology, University of Montpellier, France
1993 - GIRI (Montpellier, France), pages 15-16, 71-72

"The biological effects of low doses of television emitted radiation in chick embryos and young chickens: a study of Tecno AO protective equipment"
M.. Bastide, B. J. Youbicier-Simo, J. D Bayle
1994 - WWDU Work With Display Units (Milano, Italy), Annexe 1-8

"Protective effect of Tecno AO antenna against VDU EMFs as stress factor"
M. Fillion-Robin[1], J.L. Marande[2], C. Limoni[3]
1 - Tecnosphere Research Centre 71150 Sampigny, France
2 - Occupational Health Medicine, Cochin Hospital, Paris, France
3 - SSQEA Ticino, 6830 Chiasso, Switzerland
1996 - MAGNETOTHERAPY (Royal Society of Medicine, London), pages 195-203

"Bioeffets of continuous exposure of embryos and young chickens to ELF displayed by desk computers: protective effects of Tecno AO antenna"
B.J. Youbicier-Simo, F. Boudard, C. Cabaner, M. Bastide,
Laboratory of Immunology, College of Pharmacy, University of Montpellier 1, France
1996 - EBEA European BioElectromagnetics Association (Nancy, France), pages 70, 144

"Improvement of psychotechnical performances and stress resistance after modulation of the VDT radiation by an oscillating magnetic field"
M. Fillion-Robin[1], J.L. Marande[2], C. Limoni[3]
1 - Tecnosphere Research Centre 71150 Sampigny, France
2 - Occupational Health Medicine, Cochin Hospital, Paris, France
3 - SSQEA Ticino, 6830 Chiasso, Switzerland
1996 - MAGNETOTHERAPY (Royal Society of Medicine, London), pages 195-203

"Physical constraints specifying primary mechanisms whereby Tecno AO and superweak EMFs affect biological systems"
V.N. Binhi[1], M. Fillion-Robin[2] and G. Picard[3]
1 - International Institute of Theoretical and Applied Physics RANS, Russia
2 - Tecnolab Research Centre, ZAC de la Thalie, Av. l'Europe, 71100 Chalon Sur Saône, France
3 - Department of Analytical Chemistry, Turin University, 10125 Turin, Italy
1998 - BEMS (St.Pete Beach, Florida, USA), pages 30, 100-104, 138-139

"Mortality of chickens embryos exposed to EMFs from mobile phones"
"Damage of chickens embryos by EMFs from mobile phones: protection by a compensation antenna"
B.J. Youbicier-Simo, J.C. Lebecq and M. Bastide
Laboratory of Immunology, College of Pharmacy, University of Montpellier 1, France
1998 - BEMS (St. Pete Beach, Florida, USA), pages 30, 100-104, 138-139

"kT Problem in Magnetobiology: The Present State of the Art and Perspectives of the Solution"
V.N. Binhi - General Physic Institute RAS, Institute of Cell Biophysics RAS, Moscow, Russia
1999 – ELECTROMAGNETICS AND HUMAN HEALTH (Moscow, Russia), pages 250-251

"Tecno AO Technology: Biological Effects of EM and Torsion Fields"
M. Fillion-Robin[1], A.E. Akimov[2], V.N. Binhi[2]
1 - Tecnolab Research Centre, ZAC de la Thalie, Av. l'Europe, 71100 Chalon Sur Saône, France
2 - International Institute of Theoretical and Applied Physics RANS, Russia
1999, PIERS Progress In Electromagnetics Research Symposium (Taipei, Taiwan), page 441

"Cortisol variations observed in mice placed in front of colour TV screen: a feed back control"
"Haematological effects of low doses of television emitted-radiation in mice: a parallel study with a protective equipment"
L. Bonhomme-Faivre1, R. Santini[2], S. Marion[3], E. Bizi[1], H. Auclair[3], L. Bottius[1], S. Orbach-Arbouys[1], N.L. Bui[2]
1 - Service de Pharmacie, Laboratoire de Pharmacologie
2 - Laboratoire d'Hématologie, Hôpital Paul Brousse (Paris)
3 - Institut National des Sciences Appliquées (INSA), Laboratoire de Biochimie-Pharmacologie (Lyon-France)
1999 - BEMS - Bioelectomagnetics Society, Long Beach, California, USA, pages 41, 92

"Electromagnetic Biocompatibility at Workplace: Protection Principles, Assessment and Tests. Results of an EMF Protective Compensation Technology in Humans and in Animals"
G J. Hyland[1], D.J. Clements-Croome[2]
1 - University of Warwick, Coventry, UK
1 - International Institute of Biophysics, Germany
2 - University of Reading, UK
Progress in Radiation Protection (Publication Series), 1999 – NIR Non Ionizing Radiation (IRPA) (Cologne, Germany), pages 213-242

"Mortality of chicken embryos continuously exposed under GSM cell phone and validation of the effectiveness of a protective device"
"Interference from GSM cell phone with the production of stress hormones in healthy and Lewis Lung carcinoma-bearing mice: Effectiveness of a protective device."
B.J. Youbicier, B. Lebecq and M. Bastide
Laboratory of Immunology, College of Pharmacy, University of Montpellier 1, France
2000 -INTERNATIONAL CONFERENCE ON CELL TOWER SITING, (Salzburg, Austria), pages 233-235

"Cortisol alterations observed in mice placed in front of colour TV screen: a parallel study with protective equipment"
L. Bonhomme-Faivre[1], R. Santini[2], S. Orbach-Arbouys[1].
1 - Service Pharmacie, Laboratoire de Pharmacologie, Hopîtal Paul-Brousse, 14 Avenue Paul Vaillant Couturier-94800-Villejuif, France
2 - Institut National des Sciences Appliquées, Laboratoire de Biochimie-Pharmacologie, 20 Av. Albert Einstein, 69621 Villeurbanne, France
2000 - BEMS Bioelectromagnetics Society (Munich, Germany), pages 250-251

"Computers and Health in the Workplace"
Derek J. Clements-Croome[1], John Jukes[2]
1 - Department of Construction Management and Engineering, University of Reading, UK
2 - Jukes Association, Old Couldson, UK
2000 – HEALTHY BUILDINGS 2000: Exposure, Human Responses and Building Investigations. Proceedings, Vol. 1, pages 119-124

"Sensivity of chicken embryos to portable computer radiation (LCD*) and protective effectiveness validation of a compensation magnetic oscillator"**
* Liquid Crystal Display ** Tecno AO technology
This study was conducted at the University of Montpellier (France) under the scientific and technical research agreement N° 98018 between the University of Montpellier and Tecnolab.
B. J Youbicier-Simo
Laboratory of Immunology, College of Pharmacy, University of Montpellier 1, France

Tecnolab Research Centre, ZAC de le Thalie, Avenue de l'Europe, 71100 Chalon sur Saône, France,
2000 – SPPCR Portuguese Society Of Protection Against Radiation (Lisbon, Portugal), pages 123-128

"Review of Studies Validating the Protective Efficacy of a New Technology* Designed to Compensate Potential Adverse Bioeffects Caused by VDU and GSM Cell Phone Radiation"
* Tecno AO : international registered patent and trademark
B.J. Youbicier-Simo, R. Messagier, M. Fillion-Robin,
Tecnolab Research Center, ZAC de la Thalie, Av. l'Europe, 71100 Chalon Sur Saône, France
RADIOPROTECÇÃO (Radioprotection) The Journal of the Portuguese Society for Radiation Protection (IRPA) ISSN 874-7016, Volume I, Number 8 and 9 (December 2000 and May 2001), pages 105-123

"Effect of prolonged exposure of mice to GSM cellphone radiation on neurogenesis in the hippocampus and on blood levels of stress hormones and validation of the effectiveness of a compensation oscillator*"
*Tecno AO technology
B.J. Youbicier-Simo
Tecnolab Research Center, ZAC de la Thalie, Av. l'Europe, 71100 Chalon Sur Saône, France
2001 - BEMS - Bioelectomagnetics Society (St.Paul, Minnesota, USA), page 126

"Effect of GSM-900/1800 Microwaves on concentration of exhaled nitric oxide in humans"
V.N. Binhi[1-2], M. Fillion-Robin[2], E.V. Stepanov[1]
1 - General Physics Institute, Russian Academy of Sciences, Moscow, Russia
2 - Tecnolab Research Centre, ZAC de la Thalie, Av. l'Europe, 71100 Chalon Sur Saône, France
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B.J. Youbicier-Simo[1], A. Fernandez[2], N. Lamb[2]
* Tecno AO : international registered patent and trademark
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2 - CNRS, IGH, UPR 1142, 141 rue de la Cardonille, 34394 Montpellier cedex 5, France
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B.J. Youbicier-Simo[1], G. Dayanithi[2], R. Messagier[1], M. Fillion-Robin[1]
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2 - INSERM U432, University of Montpellier, 2 place Eugène Bataille, 34095 Montpellier, France
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"EM fields are not without risks."

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