Defense Health Agency ®

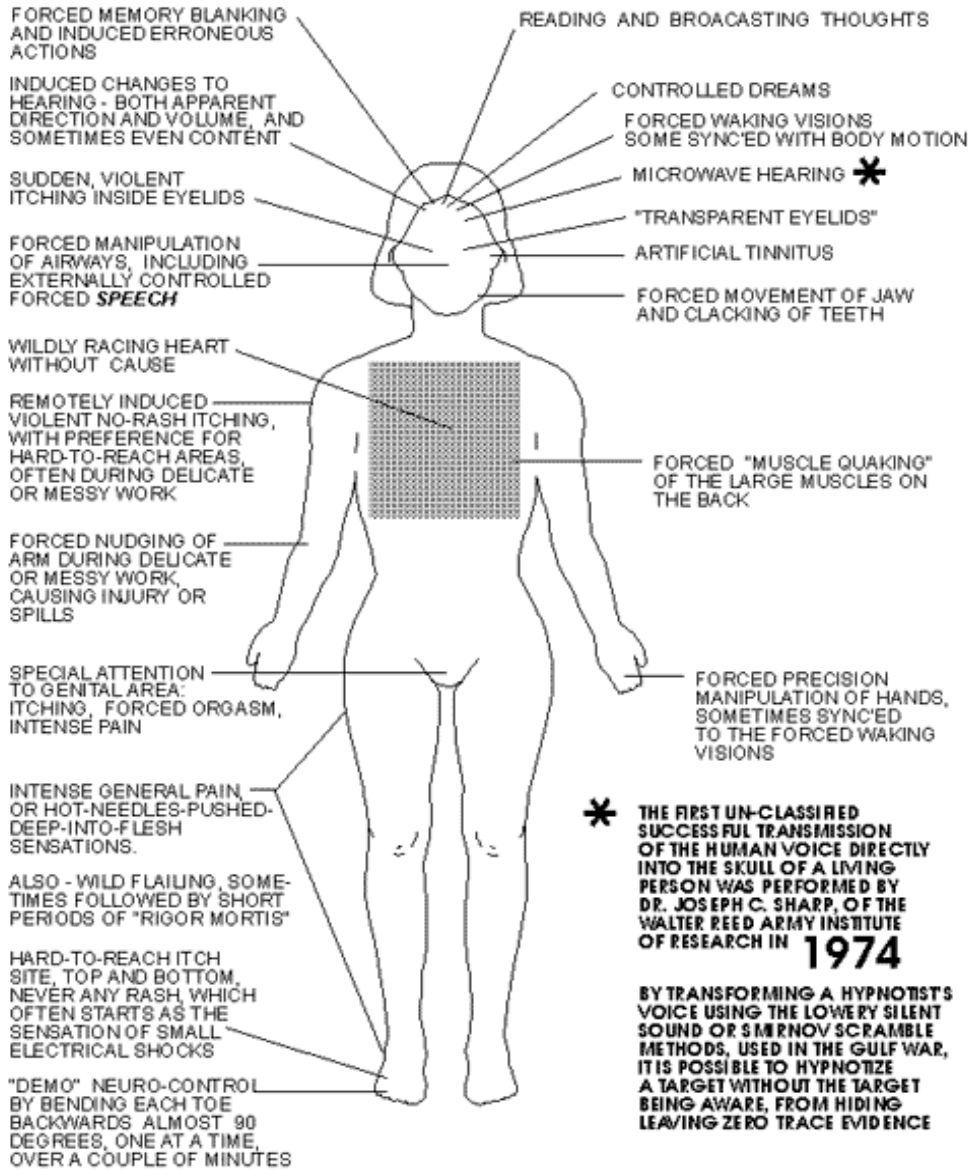
Department of Defense

Anomalous Health Incidents

Clinical Recommendation

Assessment and Management of Reported Anomalous Health Incidents: Clinical Recommendation for Primary Care Managers

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SCIENTIFIC RESEARCH STUDIES





European Parliament requested a research report "**Health Impact of 5G**" which was released in July 2021 and concluded that commonly used RFR frequencies (450 to 6000 MHz) are probably carcinogenic for humans and clearly affect male fertility with possible adverse effects on the development of embryos, fetuses and newborns.

A review entitled "**Evidence for a health risk by RF on humans living around mobile phone base stations: From radiofrequency sickness to cancer**" reviewed the existing scientific literature and found radiofrequency sickness, cancer and changes in biochemical parameters (**Balmori 2022**).

A **study** published in Electromagnetic Biology and Medicine found changes in blood considered biomarkers predictive of cancer in people living closer to cell antenna arrays (**Zothansiama 2017**).

A **study** published in the International Journal of Environmental Research and Public Health found higher exposure to cell network arrays linked to higher mortality from all cancer and specifically lung and breast cancer (**Rodrigues 2021**).

A 10-year **study** published in Science of the Total Environment on cell phone network antennas by the local Municipal Health Department and several universities in Brazil found a clearly elevated relative risk of cancer mortality at residential distances of 500 meters or less from cell phone towers (**Dode 2011**).

A **study** commissioned by the Government of Styria, Austria found a significant cancer incidence in the area around the RF transmitter as well as significant exposure-effect relationships between radiofrequency radiation exposure and the incidence of breast cancers and brain tumors (**Oberfeld 2008**).

A **review** published in Experimental Oncology found "alarming epidemiological and experimental data on possible carcinogenic effects of long term exposure to low intensity microwave (MW) radiation." A year of operation of a powerful base transmitting station for mobile communication reportedly resulted in a dramatic increase of cancer incidence among the population living nearby (**Yakymenko 2011**).

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CHILDREN'S VULNERABILITY TO WIRELESS RADIOFREQUENCY (RF) RADIATION



The American Academy of Pediatrics states:

"In recent years, concern has increased about exposure to radio frequency (RF) electromagnetic radiation emitted from cell phones and phone station antennas. An Egyptian study confirmed concerns that living nearby mobile phone base stations increased the risk for developing:

- Headaches
- Memory problems
- Dizziness
- Depression
- Sleep problems

Short-term exposure to these fields in experimental studies have not always shown negative effects, but this does not rule out cumulative damage from these fields, so larger studies over longer periods are needed to help understand who is at risk. In large studies, an association has been observed between symptoms and exposure to these fields in the everyday environment."

–American Academy of Pediatrics HealthyChildren.org

Cell towers and cell phones emit wireless radiofrequency (RF) radiation.

Children are more vulnerable to RF radiation, just as they are to other environmental exposures. They have proportionately more exposures to RF compared to adults. More importantly, even very low exposures to children can have serious impacts later in life because their nervous and immune systems are still in development.

Children absorb higher levels of RF radiation deeper into their brains and bodies because they have:

- Thinner skulls allow RF radiation to move easier into the brain.
- Higher water content in brain tissue which is more conductive to electricity.
- Smaller heads result in a shorter distance for the RF to travel from the skull to critical brain regions important for learning and memory.

Children are more sensitive to RF impacts because:

- Their brains are still developing.
- Children have more active stem cells- a type of cell scientifically found to be uniquely impacted by RF.
- Children will have a longer lifetime of higher exposures, starting from before they are born.

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What You Need To Know About 5G Wireless and "Small" Cells

"We recommend a moratorium on the roll-out of the fifth generation, 5G, for telecommunication until potential hazards for human health and the environment have been fully investigated by scientists independent from industry...RF-EMF has been proven to be harmful for humans and the environment."

— 2017 5G Scientific Appeal (signed by more than 200 scientists and doctors from 35 countries)

Nationwide, communities are being told by wireless companies that it is necessary to build "small cell" wireless facilities in neighborhoods on streetlight and utility poles in order to offer 5G, a new technology that will connect the Internet of Things (IoT). At the local, state, and federal level, new legislation and new zoning aim to streamline the installation of these 5G "small cell" antennas in public rights-of-way.

The radiation from small cells is not small: Wireless antennas emit microwaves — non-ionizing radiofrequency radiation — and essentially function as cell towers. Each installation can have over a thousand antennas that are transmitting simultaneously.

Millions of small cells to be built in front yards: The Federal Communications Commission estimates that millions of these wireless transmitters will be built in our rights-of-way, directly in front of our homes.

5G will add to — not replace — our current wireless technology: 5G will not only utilize current 3G and 4G wireless frequencies already in use but also add higher frequency — submillimeter and millimeter waves — in order to transmit data at superfast speeds.

Crown Castle's 2016 10-K Annual Report says:
"If radio frequency emissions from wireless handsets or equipment on our wireless infrastructure are demonstrated to cause negative health effects, potential future claims could adversely affect our operations, costs or revenues... We currently do not maintain any significant insurance with respect to these matters."

Read warnings from Crown Castle, Verizon and other wireless companies.

The American Academy of Pediatrics says:
"An Egyptian study confirmed concerns that living nearby mobile phone base stations increased the risk for developing:
- Headaches
- Memory problems
- Dizziness
- Depression
- Sleep problems"

AAP on Cell Towers

Letter from oncologist Lennart Hardell MD & Colleagues: "There is a substantial body of evidence that this technology is harmful to humans and the environment. The 5G millimeter wave is known to heat the eyes, skin and testes... Of particular concern are the most vulnerable among us — the unborn, children, the infirm, the elderly and the disabled. It is also expected that populations of bees and birds will drastically decline."

2017 Scientific Letter

Peer Reviewed Research Studies on Radiofrequency Radiation Have Found:
- Headaches
- Sperm damage
- Altered brain development
- Depression
- Neurological symptoms
- Hormone changes
- Memory problems
- Sleep problems
- Cancer

Science:

BioInitiative 2012 Report by Independent Scientists
Dr. Moskowitz, University of California at Berkeley
Dr. Lennnart Hardell Örebro University Sweden
The Baby Safe Project
Whatis5g.info
Physicians for Safe Technology
Environmental Health Trust 5G Resources

www.ehtrust.org

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IN HUMANS	IN EXPERIMENTAL ANIMALS
hyperthermia	mutations*
cataracts and lenticular opacities	hemocancentration
auditory nerve effects*	hemodilution
neurological effects*	pupillary dilation
fatigability*	hyperthermia
headache*	burns
sleepiness*	vascular hypertension
irritability*	hemorrhage
loss of appetite*	testicular effects
memory difficulties*	chromosomal abberations
cardiovascular effects	neurological (CNS) effects*
heart enlargement	
EEG changes	
increased thyroid activity	
alterations in serum proteins	
decrease in olfactory sensation*	*Possible non-thermal effects, uncon-
hair loss*	firmed by United States scientists.
disruption of sexual potency	
unstable mood*	
hypochondriasis*	
anxiety*	
respiratory changes	
histamine elevations in serum	
reduction in auditory sensitivity*	

Figure 3. In Vivo effects of EMR

ДАТЧИКИ НА ОСНОВЕ ГРАФЕНА ДЛЯ МОНИТОРИНГА СОСТОЯНИЯ ЗДОРОВЬЯ

Инвазивное Применение

Nervous System
- ECoG
- Neural stimulation

Cardiovascular System
- ECG
- Blood glucose

Digestive System
- Gastrointestinal diagnosis

Locomotor System
- EMG
- Muscle stimulation



Неинвазивное Применение

Biophysical

Electrophysiological
- EEG
- EOG
- ECG
- EMG

Kinematic
- Pulse/heart rates
- Respiration
- Phonation
- Facial expressions
- Blood pressure
- Joints movements
- Gesture
- Muscle movements

Thermometer
- Body temperature

Environmental
- Light
- Gases
- Heavy Metal

Bio-chemical
- Volatile gases
- Electrolyte
- Metabolite
- Bacteria
- Drug
- Dopamine
- Tumor markers
- Others

NIH National Library of Medicine
National Center for Biotechnology Information
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6580932/

IEEE. 802.15.6 24GHz FMCW BIO METRIC RADAR SCANNING TO KILL

Invasive Applications

Nervous System
- ECoG
- Nerual stimulation

Cardiovascular System
- ECG
- Blood glucose

Digestive System
- Gastrointestinal diagnosis

Locomotor System
- EMG
- Muscle stimulation



Non-invasive Applications

Biophysical

Electrophysiological
- EEG
- EOG
- ECG
- EMG

Kinematic
- Pulse/heart rates
- Respiration
- Phonation
- Facial expressions
- Blood pressure
- Joints movements
- Gesture
- Muscle movements

Thermometer
- Body temperature

Environmental
- Light
- Gases
- Heavy Metal

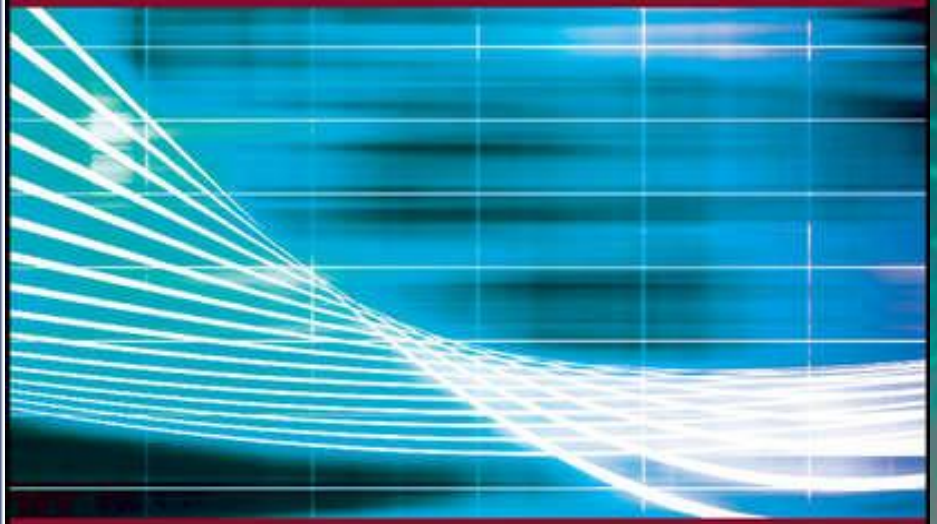
Bio-chemical
- Volatile gases
- Electrolyte
- Metabolite
- Bacteria
- Drug
- Dopamine
- Tumor markers
- Others

Ю.Г. Григорьев,
А.С. Самойлов

5G-СТАНДАРТ СОТОВОЙ СВЯЗИ. СУММАРНАЯ РАДИОБИОЛОГИЧЕСКАЯ ОЦЕНКА ОПАСНОСТИ ПЛАНЕТАРНОГО ЭЛЕКТРОМАГНИТНОГО ОБЛУЧЕНИЯ НАСЕЛЕНИЯ



WAVES SERIES



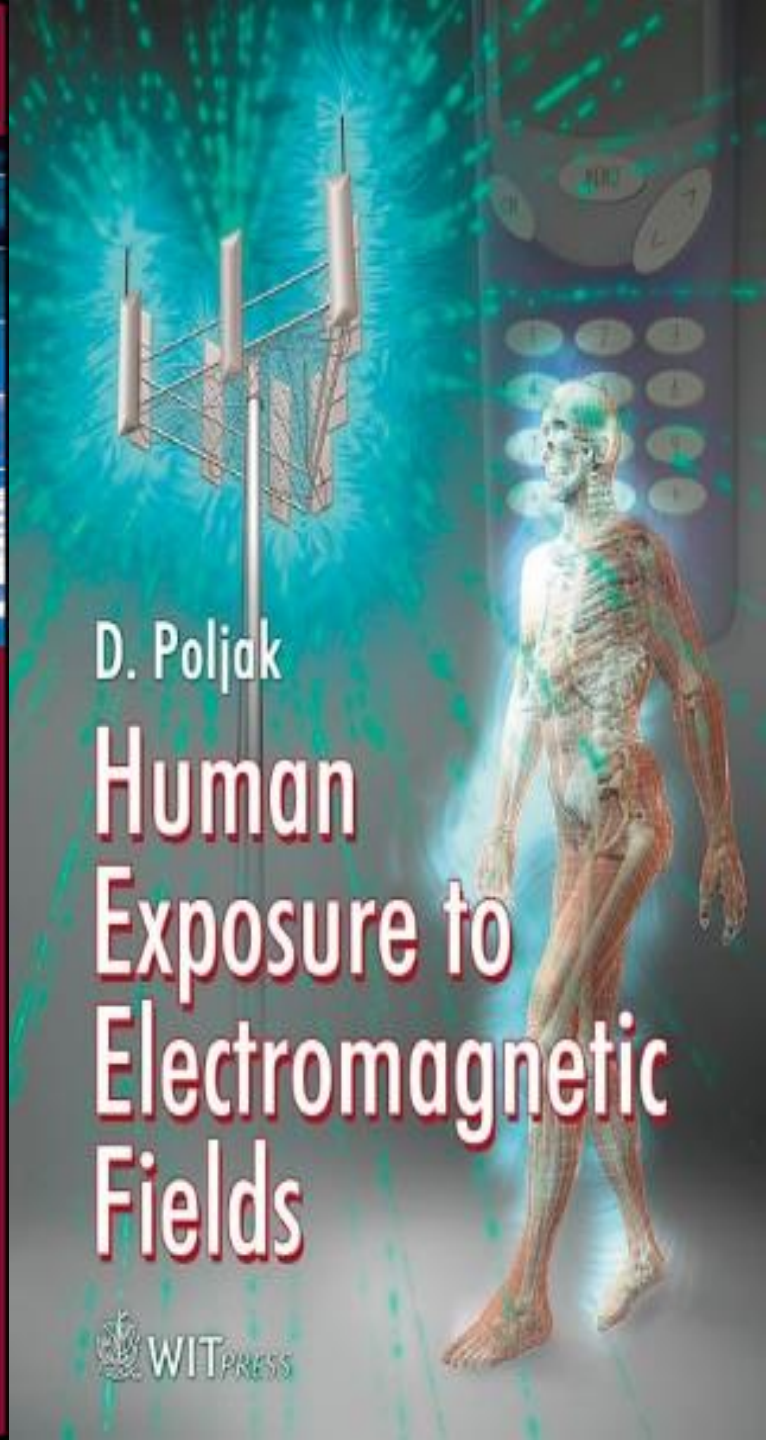
Human Exposure to Electromagnetic Fields

From Extremely Low Frequency (ELF) to Radiofrequancy

Patrick Staebler

iSTE

WILEY



D. Poljak

Human Exposure to Electromagnetic Fields

WIT PRESS

Diverse Health Effects of Non-Thermal Microwave/Other Frequency EMFs: The Mechanism by Which These Diverse Effects Are Produced: Why 5G Will Be Likely to Be Vastly Worse

Martin L. Pall
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Washington State University
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Five of these effects appear to be cumulative and as they become more severe, irreversible. The cumulative effects mean that repeated exposures to the same intensity and type of EMF produce more and more severe effects. The five are:

1. Reproductive effects.
2. Neurological/neuropsychiatric effects.
3. Germ line mutational effects caused by the DNA effects.
4. Cardiac effects.
5. Alzheimer's and other dementias.

A sixth may be autism, when exposures are primarily during the late prenatal and early post-natal period.

I am most concerned about the first three of these, because they each produce clear existential threats to the survival of each technologically advanced country (TAC) on earth.

The reproductive effects are most clearly advanced, with sperm counts having dropped by over 50% in each TAC and reproduction dropped well below replacement levels in each TAC with a single exception. In mice, EMFs led to a drop of reproduction essentially to zero. A reasonable estimate is that it may take something like 5 years for TACs to suffer such a catastrophic drop in human reproduction.

Current US/international safety guidelines are based on only thermal (heating) effects, but many non-thermal effects occur at levels orders of magnitude lower than those allowed by these guidelines.

Lowered fertility (18 different reviews).
Changes in structure of testis, ovaries; lowered sperm count, quality; lowered number of follicles (eggs), increased spontaneous abortion, lowered levels of each of the 3 sex hormones, lowered libido

Neurological/Neuropsychiatric effects (25 reviews)
Insomnia, fatigue, depression, headache, lack of concentration/cognitive dysfunction, anxiety/stress agitation, memory dysfunction, etc. Major changes in brain structure seen in animals.

Cellular DNA damage, 3 types (21 reviews)
Single & double DNA breaks, oxidized bases (8-HOdG); cause both cancer and germ-line mutations

Apoptosis, programmed cell death (13 reviews)
Lead to both reproductive and neurodegenerative effects

Oxidative stress, free radical damage (19 reviews)

Endocrine (hormonal effects) (12 different reviews).
Both non-steroid and steroid hormones systems affected; in some cases EMFs can produce both increased and decreased hormone activity under different conditions.

Excessive intracellular calcium [Ca2+]i (15 reviews)
Insomnia. This is, as you will see, the cause of almost everything else.

Cancer (35 reviews)
Increases initiation of carcinogenesis, tumor promotion and progression, including increased tissue invasion and metastasis

Pulsed EMFs are, in most cases much more biologically active than are non-pulsed, continuous wave EMFs (13 reviews). Because all wireless communication devices communicate via pulsations, they are potentially and I believe actually much more dangerous.

СИСТЕМНЫЕ ЭФФЕКТЫ РАДИОЧАСТОТНЫХ ЭЛЕКТРОМАГНИТНЫХ ПОЛЕЙ (ОБЗОР). СЕЛЕЗЕНКА, ВЫДЕЛИТЕЛЬНАЯ СИСТЕМА, КОЖА, КОСТНАЯ СИСТЕМА

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В настоящее время появляются единичные публикации с результатами экспериментальных и мониторинговых исследований, которые с высокой степенью доказательности свидетельствуют о чувствительности селезенки, выделительной системы, кожи и костной системы к воздействию электромагнитных полей радиочастотного диапазона (ЭМП РЧ) в широком диапазоне частот (от 900 МГц до 2,45 ГГц). Поскольку здоровье и нормальное функционирование этих органов и систем являются важнейшим условием жизнедеятельности организма, систематизация имеющихся данных обусловливает актуальность данного обзора.

Анализ имеющихся результатов экспериментальных исследований показал, что при хроническом воздействии ЭМП РЧ различных частотных диапазонов зарегистрированы многочисленные гистопатологические изменения со стороны селезенки (например, в белой пульпе), выделительной системы (в почках – дегенерация клубочков и сосудов, вакуолизация канальцев, явления фиброза и др.; в мочевом пузыре – апоптоз клеток и др.), костной системы (снижение плотности костной ткани).

Особое место занимают исследования последствий воздействия ЭМП РЧ в диапазоне 5G на кожу, которая в настоящее время является новым критическим органом его воздействия. Было зарегистрировано ускорение старения кожи, нарушение пигментации, митохондриальный стресс в фибробластах и кератиноцитах.

Методом электрофотонной визуализации при кратковременном воздействии ЭМП РЧ на подростков зарегистрированы негативные изменения в селезенке.

Эпидемиологические исследования указывают, что длительность разговоров по сотовому телефону увеличивает риск развития болезней почек, снижения плотности костной ткани, зарегистрированный у активных пользователей мобильной связи, особенно при ношении гаджета в карманах брюк.

Полученные результаты актуальны, имеют практическую значимость для детей и подростков, которые в настоящее время являются активными пользователями сотовой связи.

Суммируя имеющиеся данные негативного воздействия ЭМП РЧ не только на нервную систему, но и на другие системы организма, можно констатировать его системные эффекты.

В связи с этим, как отмечается в ряде зарубежных исследований, назрела необходимость пересмотра ранее принятых пределов FCC и ICNIRP воздействия ЭМП РЧ на организм человека. Научному сообществу следует акцентировать дальнейшие усилия по выработке обновленных предельных характеристик ЭМП РЧ и в перспективе – по возможному пересмотру СанПиН в соответствии с вновь выявляемыми рисками здоровью, в первую очередь для детей и подростков как самой уязвимой группы населения к воздействию любого фактора внешней среды.

Мы полагаем, что должны быть разработаны рекомендательные нормативы, которые позволят внедрить культуру пользования современными гаджетами для детей и подростков: преимущественное использование проводных гарнитур (а не Bluetooth), громкой связи, а также мессенджеров в режиме последовательного обмена текстовыми и мультимедийными сообщениями, исключить ношение гаджета «на себе» (в карманах рубашки, брюк). Это позволит существенно снизить негативное влияние ЭМП РЧ, в частности мобильных телефонов / смартфонов, на организм подрастающего поколения.

Ключевые слова: *электромагнитные поля радиочастотного диапазона, 5G, сотовая связь, селезенка, выделительная система, кожа, костная система, молодые животные, дети, подростки.*



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ВЛИЯНИЕ ИМПУЛЬСНЫХ ЭМП СВЧ ДИАПАЗОНА НА ЗДОРОВЬЕ ЧЕЛОВЕКА

Аннотация

Проведен сравнительный анализ обозримых последствий влияния ЭМП на здоровье жителей г Чугуева Харьковской области облучённых приводной РЛС ПРВ аэродрома Обнаружено негативное влияние импульсных ЭМП на население что проявилось в увеличении психических расстройств новообразований болезней эндокринной системы и кровообращения Особенно уязвимыми оказались подростки и пожилые люди

Ключевые слова влияние радиолокационная станция здоровье

MICROWAVE RADIATION FREQUENCY AND WI/FI SYMPTOMS

- Confusion
- Short term memory loss
- Inability to focus
- Brain fog/sluggish thinking
- Difficulty concentrating
- Headaches
- Migraines
- Vision disruption or eye problems
- Eye pain
- Cataracts
- Head or chest pressure
- Allergies
- Difficulty breathing
- Respiratory problems
- Slow reaction time
- Sleep disruption
- Insomnia
- Night sweats
- Nightmares
- Dizziness
- Disorientation
- Balance Problems
- Agitation
- Anxiety
- Depression
- Suicide
- Tension
- Irritability
- Tremors
- Nervousness
- Seizures
- Vertigo
- Nausea or vomiting
- Flu-like symptoms
- Digestive difficulty
- Nose bleeds
- Hair Loss
- Rapid Aging/oxidative damage
- Skin problems including rashes
- Behavioral problems in children
- Pets get jumpy
- Mood disorders
- Lethargy
- Exhaustion
- Chronic fatigue
- Lost productivity/sick days
- Loss of employment
- Unusual family conflicts
- Disintegrating relationships



- Electronic Harassment-Stalking-Mind Control
  - Violent behavior
  - Autism
  - ADHD
  - Weakened immune system
  - Physical weakness or pain
  - High blood pressure
  - organ and brain damage
- Psoriasis
- Autoimmune disease
- Lupus
- Damages mitochondria
- Free radical damage and aging
- Worsening existing poor health
- Demineralization of cells/tissue
- Impotence
- Infertility
- Birth defects
- Life span decreases by +/-8 years
- Heart Attack
- Pacemaker defibrillation
- Circulation problems
- Joint difficulty
- Muscle pain
- Fibromyalgia
- Dementia
- Personality changes
- Alzheimer's, Parkinson's. ALS Amyotrophic Lateral Sclerosis
- Childhood cancers increase
- Brain tumors
- Rare Deadly Brain Gliomas
- Leukemia
- Cancer
- Diabetes
- Heating beamed on humans that mimics a high fever
- Rhinitis (inflammation nasal membranes)
- Asthma
- Allergies such as hay fever
- Food allergy
- Atopic dermatitis (inflammation of the skin)
- Itching and chapped skin on the trunk

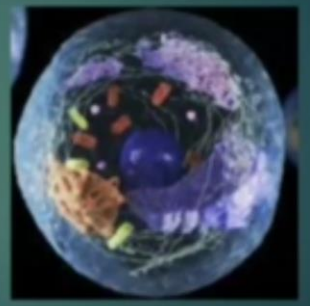
Symptoms

- Insomnia/sleep disturbance
- Headache
- Pressure sense head/ears
- Sharp pains head/ears
- Sensations of electric shock
- Dizziness/Vertigo
- Tinnitus
- Visual/hearing disturbance
- Short term memory loss
- Anomia/thought block
- Tremor/vibration/seizure
- Synesthesia
- Cardiac dysrhythmia/ palpitations
- BP anomaly/POTS
- Musculoskeletal pains
- Joint dysfunction
- Thirst/dehydration
- Urinary/bowel urgency
- Altered energy levels
- Increased chemical sensitivity
- Increased food sensitivity
- General sensory up-regulation
- symptoms Collection
- Circadian rhythm reversal

Courtesy of Dr. Erica Mallery-Blythe EHS conference 2021

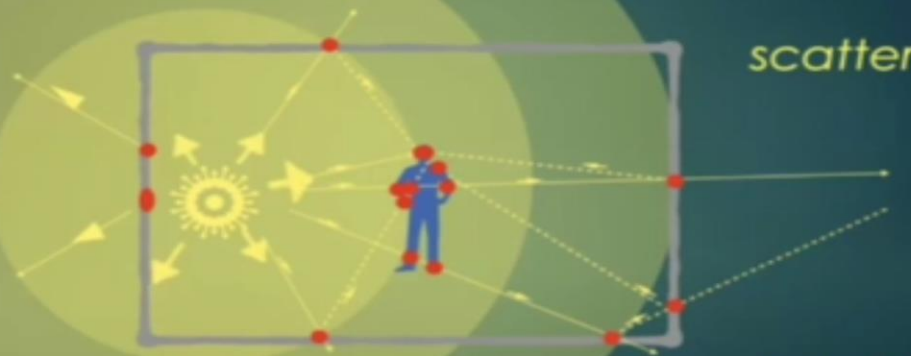
Cellular effects of oxidative stress

- CELL MEMBRANE DAMAGE
- PROTEIN/ENZYME DAMAGE
- DNA DAMAGE – MUTAGENESIS
- MITOCHONDRIAL DYSFUNCTION



Characteristics of Electromagnetic Radiation

Absorption/penetration/reflection



SUPERFICIAL STRUCTURES

Thyroid gland
Testes
Skin
Blood
Immune system
Neurons
Eyes

DEEPER STRUCTURES

Brain
Heart
Intra-abdominal organ systems
Ovaries
Muscles

DST-1810S-074-76
March 1976

The potential for the development of a number of antipersonnel applications is suggested by the research published in the USSR, East Europe, and the West. Sounds and possibly even words which appear to be originating intracranially can be induced by signal modulation at very low average-power densities.

Combinations of frequencies and other signal characteristics to produce other neurological effects may be feasible in several years. The possibility of inducing metabolic diseases is also suggested. Animal experiments reported in the open literature have demonstrated the use of low-level microwave signals to produce death by heart seizure or by neurological pathologies resulting from breaching of the blood-brain barrier.

(U) As may be expected, the bulk of the research being done in this area is in the USSR. However, a notable volume is also being produced by Poland, Czechoslovakia, Bulgaria, Rumania, and Hungary.

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EN

ABOUT KEY ISSUES SCIENCE POLICY RESOURCES GET EDUCATED ACTION NEWSLETTER DONATE

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HEALTH AND BIOLOGICAL EFFECTS OF EMF/EMR

- Structural and functional changes of the brain
- Increased oxidative stress
- Neurodegeneration (brain cell loss)
- Altered neurotransmitter levels
- Blood brain barrier (BBB) breaches
- Cognitive function impairment
- Developmental impacts
- Mitochondrial dysfunction
- Increases in blood glucose levels
- DNA damage
- Damage to Sperm
- Tumour initiation and promotion
- Cardiovascular disease
- Hormonal changes
- Immune system dysfunction
- Hearing impairment/loss
- Other wellbeing effects (headaches, fatigue etc.)

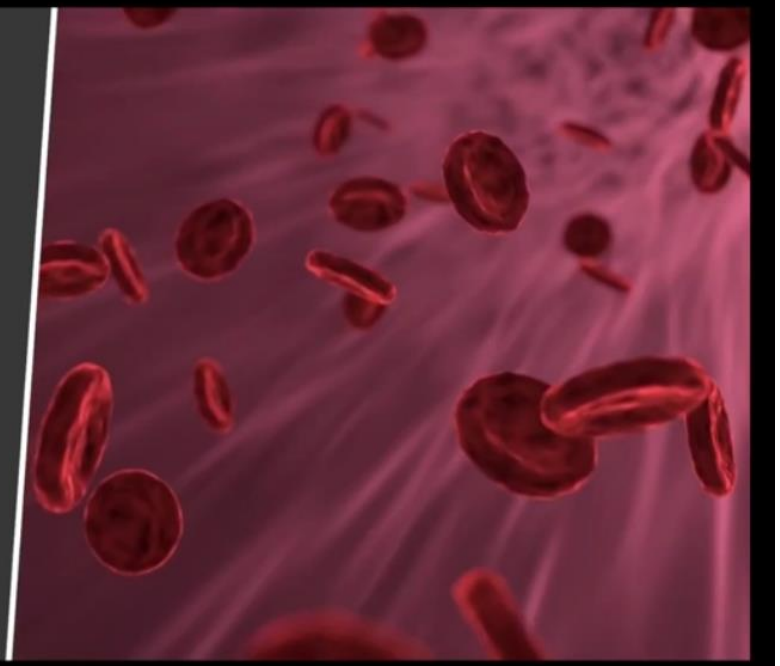
All effects of RF "non-ionising" radiation

List of Published research on ICNIRPs Industry Ties

- Aspects on the International Commission on Nonlonizing Radiation Protection (ICNIRP) 2020

Harmful effects from radiofrequency radiation

- Increase in cancer risk
- Damage to sperm
- Reproductive harms
- Memory deficits
- Learning deficits
- DNA damage
- Nervous system damage
- Cellular damage



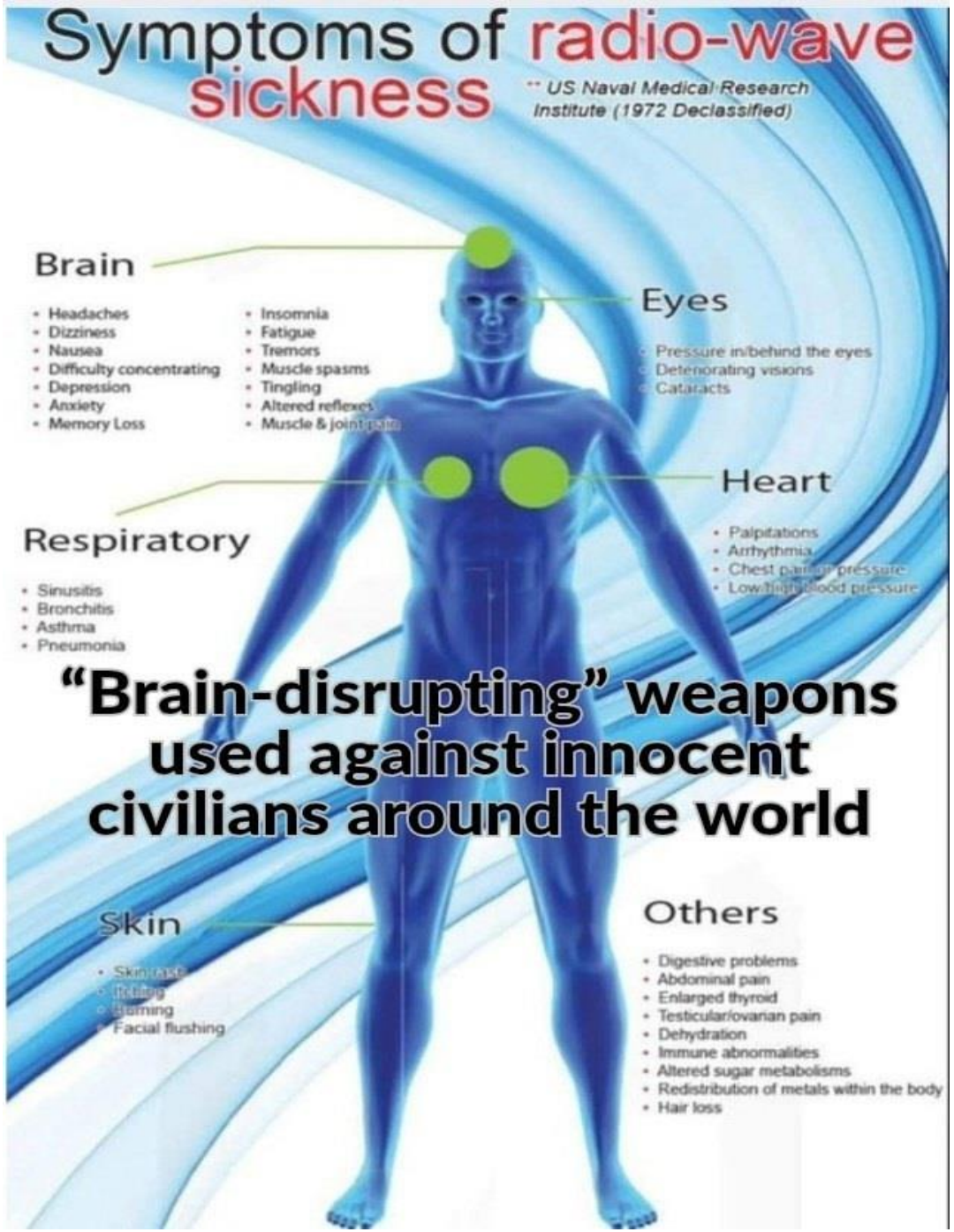
and the cells in our bodies.

SYMPTOMS OF 5G EXPOSURE VS. CORONAVIRUS INFECTIONS

SYMPTOM	5G	CORONAVIRUS
Sperm / Testicular Damage	✓	✓
Neuropsychiatric Damage	✓	✓
Cellular DNA Damage	✓	✓
Apoptosis (Cell Death)	✓	✓
Cardiac / Blood Pressure Disruptions	✓	✓

PANDEMIC.NEWS

Brighteon.com



Psycho-Electronic (Electronic Harassment) Weapons Effects

(USUALLY OCCOMPANIED WITH PSYCHOLOGICAL WARFARE)

FORCED MEMORY BLANKING AND INDUCED ERRONEOUS ACTIONS

INDUCED CHANGES TO HEARING. BOTH APPARENT DIRECTION, VOLUME, AND EVEN CONTENT

SUDDEN, VIOLENT ITCHING INSIDE EYELIDS

FORCED MANIPULATION OF AIRWAYS, INCLUDING EXTERNALLY CONTROLLED FORCED SPEECH

WILDLY RACING HEAT-BEAT WITHOUT CAUSE

REMOTELY INDUCED VIOLENT NO-RASH ITCHING WITH PREFERENCE FOR HARD-TO-REACH AREAS, OFTEN DURING DELICATE OR MESSY WORKP: ALSO DESCRIBED AS "SHOCKS"

FORCED NUDGING OF ARM DURING DELICATE OR MESSY WORK, CAUSING INJURY OR SPILLS

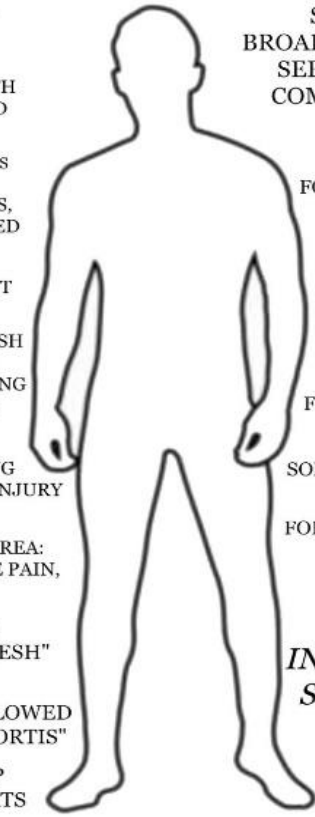
SPECIAL ATTENTION TO GENITAL AREA: ITCHING, FORCED ORGASM, INTENSE PAIN, "HOT NEEDLES"

INTENSE GENERAL PAIN OR "HOT-NEEDLES-PUSHED-INTO-FLESH" SENSATIONS, AKA "STINGS"

WILD FLAILING, SOMETIMES FOLLOWED BY SHORT PERIODS OF "RIGOR MORTIS"

HARD TO REACH ITCH SITES, TOP AND BOTTOM, WHICH OFTEN STARTS AS THE SENSATION OF SMALL ELECTRICAL SHOCKS

"DEMO" NEURO-CONTROL TACTICS OF BENDING EACH TOE, ONE AT A TIME OVER A COUPLE OF MINUTES



SEEMINGLY READING AND BROADCASTING THOUGHTS. (OTHERS SEEM TO BE ABLE TO HEAR AND COMMENT ON YOUR THOUGHTS)

VIVID CONTROLLED DREAMS

FORCED WALKING VISIONS (DAY DREAMS)

"TRANSPARENT EYELIDS"

ARTIFICIAL TINNITUS (RINGING IN THE EARS)

FORCED MOVEMENT OF JAW, CLENCHING OF TEETH, BITING OF TOUNGE

FORCED MUSCLE "SPASMS" OR OTHER UNEXPLAINABLE VIBRATIONS

SOME CASES OF REPEATED BRAND NEW WATCH BATTERIES DYING

FORCED MANIPULATION OF HANDS AND FINGERS

"BEE STINGS"

HYPER-SEXUALIZES INDIVIDUALS THE TARGET SEES, HEARS, OR THINKS ABOUT.

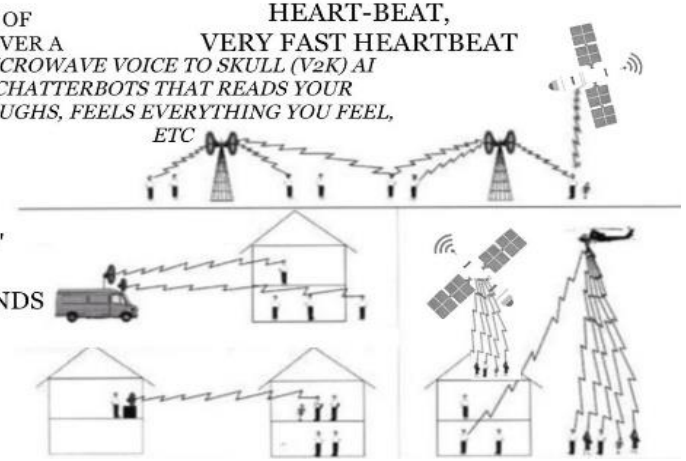
THROUGH-WALL RADAR

HIGH BODY HEAT

UNEXPLAINED AND SUDDEN CHANGES TO HEART-BEAT,
VERY FAST HEARTBEAT

MICROWAVE VOICE TO SKULL (V2K) AI CHATTERBOTS THAT READS YOUR THOUGHS, FEELS EVERYTHING YOU FEEL, ETC

GENERAL EFFECTS:
SLEEP PREVENTION
SUDDEN OVERHEATING
ALL-BODY PAIN
FORCED "CAFFINE JOLTS"
FORCED "DROP IN YOUR TRACKS"
SLEEP INDUCEMENT
"GO HERE", "GO THERE" COMMANDS
MICROWAVE BURNS
ELECTRIC SHOCK SENSATIONS
MEMORY FOGGING
DREAM MANIPULATION
MOOD ALTERATION



IF YOU LIVE OR WORK WITHIN 300 YARDS OF A HIGH-DENSITY

5G / 6G TOWER

⚠ YOUR HEALTH MAY BE AT RISK.

POSSIBLE SYMPTOMS OF ELECTROMAGNETIC EXPOSURE

- HEADACHES
- BRAIN FOG
- RINGING IN THE EARS
- SLEEP DISRUPTION
- HEART PALPITATIONS
- ANXIETY SPIKES
- FATIGUE WITHOUT EXPLANATION
- SKIN WARMTH OR TINGLING
- NERVOUS SYSTEM OVERSTIMULATION
- DIFFICULTY CONCENTRATING



DON'T IGNORE THE SIGNALS. YOUR BODY IS TALKING TO YOU.

BORON MINERAL ONLY KNOWN NANOBOT REPLICATOR REPLICATION INHIBITOR

This mineral intentionally depleted from agricultural process.

BORAX: 1 pinch in 1 pint of distilled water 3 times a day

FDA max dose:
1/8 teaspoon per 100 lbs body weight.
1/4 teaspoon per 200 lbs body weight.

NEVER use white depleted-minerals table salt for any reason.

SOAK AS LONG AS YOU CAN.

BORAX detoxes Fluoride from your body and brain. Raises your pH level from acid to alkaline. Cancer/Candida/Fungus/ Nanobots cannot survive in a high alkaline pH environment.

740 Hz

MECHANOTRANSDUCTION THERAPY

A NON-INVASIVE, RESONANCE-BASED THERAPY DESIGNED TO HELP SUPPORT NERVOUS SYSTEM REGULATION, RESTORE CELLULAR COMMUNICATION, AND PROMOTE BALANCE AND WELL-BEING.

@MOMMAVSPHARMA

ELECTROMAGNETIC ENERGY & THE HUMAN BODY

KNOW THE SCIENCE • PROTECT HUMANITY • DEMAND SAFE TECHNOLOGY

Electromagnetic energy is a powerful form of energy. It is useful for communication, medicine and many other applications, but it can also interact with the human body and may cause biological effects depending on its frequency, intensity and exposure.

AWARENESS TODAY FOR A SAFER TOMORROW

1. WHAT IS ELECTROMAGNETIC ENERGY?

Electromagnetic energy (also called **Electromagnetic Radiation**) consists of electric and magnetic fields that travel together as waves through space.

It can be described by:

- **Frequency (Hz)** – how often the wave oscillates
- **Wavelength (meters)** – distance between waves
- **Intensity / Power (W/m²)** – how strong it is
- **Direction** – can be spread out or focused (beam)

2. THE ELECTROMAGNETIC SPECTRUM

Lower Frequency (longer wavelength lower energy) → **Higher Frequency** (shorter wavelength higher energy)

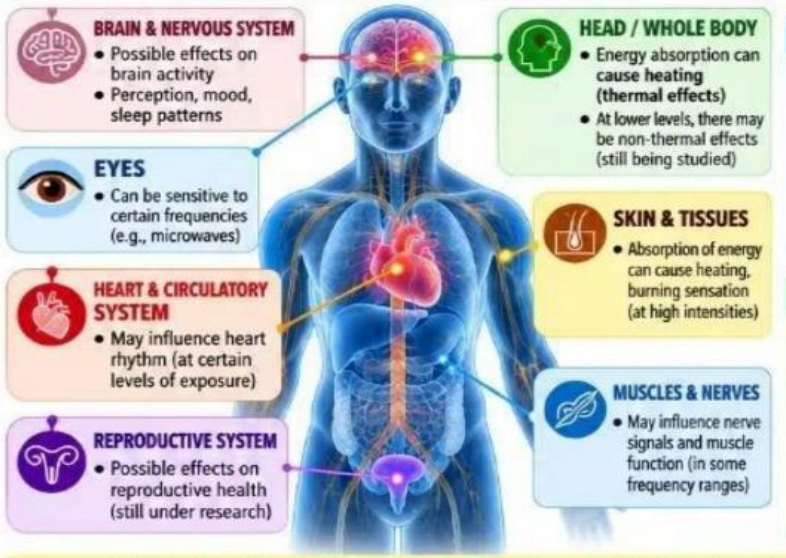


Radio Waves (kHz – MHz)	Microwaves (MHz – GHz)	Infrared (IR)	Visible Light	Ultraviolet (UV)	X-Rays	Gamma Rays
Communication (Broadcast, Mobile, Wi-Fi)	Communication Cooking Radar	Heat Thermal Imaging	Vision Light	Sterilization Medical Industrial	Medical Imaging	Cancer Treatment Nuclear

3. COMMON TERMS AND MEANINGS

EMF (Electromagnetic Field)	General term for electric and magnetic fields.
EMR (Electromagnetic Radiation)	Electromagnetic energy that travels in the form of waves.
Frequency	Number of wave cycles per second (Hz).
Beam	Focused electromagnetic energy in a particular direction.
RF (Radio-Frequency)	Electromagnetic waves in the radio-frequency range (used in communication).
Microwave	A type of RF with higher frequency (about 300 MHz to 300 GHz).
Pulsed RF	RF energy sent in short pulses.
Directed Energy	Focused energy (can include RF, microwave, laser, etc.).

4. HOW EMF CAN INTERACT WITH THE HUMAN BODY



BRAIN & NERVOUS SYSTEM
- Possible effects on brain activity
- Perception, mood, sleep patterns

EYES
- Can be sensitive to certain frequencies (e.g., microwaves)

HEART & CIRCULATORY SYSTEM
- May influence heart rhythm (at certain levels of exposure)

REPRODUCTIVE SYSTEM
- Possible effects on reproductive health (still under research)

HEAD / WHOLE BODY
- Energy absorption can cause heating (thermal effects)
- At lower levels, there may be non-thermal effects (still being studied)

SKIN & TISSUES
- Absorption of energy can cause heating, burning sensation (at high intensities)

MUSCLES & NERVES
- May influence nerve signals and muscle function (in some frequency ranges)

5. TYPES OF EXPOSURE



AMBIENT (Everyday)
Example: Mobile networks, Wi-Fi, TV/radio signals

CLOSE RANGE
Example: Mobile phone near head

DIRECTIONAL / BEAM
Focused energy towards a target (e.g., high-power RF or microwave)

6. IMPORTANT POINTS

- Yes, human body can be affected by electromagnetic fields, especially at higher intensities or specific frequencies.
- The effects depend on frequency, power, duration and how the energy is delivered (ambient or focused beam).
- Scientific research is ongoing about both thermal and non-thermal effects.
- Terms like EMF, EMR, RF, microwave, pulsed RF, and directed energy are all used depending on the context.
- Whether a person is deliberately targeted by such technology is a separate question and would require direct evidence.

TECHNOLOGY SHOULD BE FOR THE PROTECTION OF HUMANITY, NOT FOR CONTROLLING HUMAN BEINGS.

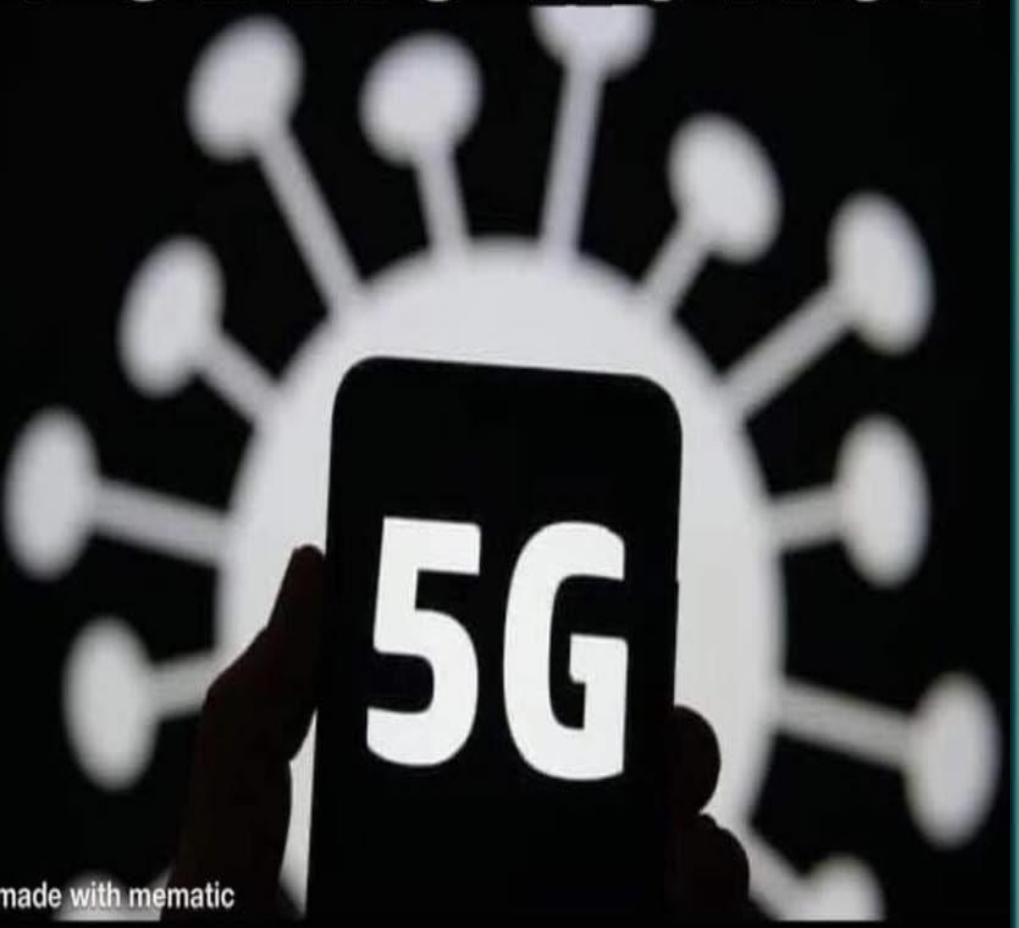
Table 1. Bioeffects of Wireless Communication Radiation (WCR) exposure in relation to COVID-19 manifestations and their progression

Wireless communications radiation (WCR) exposure bioeffects	COVID-19 manifestations
Blood changes Short-term: rouleaux, echinocytes Long-term: reduced blood clotting time, reduced hemoglobin, hemodynamic disorders	**Blood changes** Rouleaux, echinocytes Hemoglobin effects; vascular effects → Reduced hemoglobin in severe disease; autoimmune hemolytic anemia; hypoxemia and hypoxia → Endothelial injury; impaired microcirculation; hypercoagulation; disseminated intravascular coagulopathy (DIC); pulmonary embolism; stroke
Oxidative stress Glutathione level decrease; free radicals and lipid peroxide increase; superoxide dismutase activity decrease; oxidative injury in tissues and organs	**Oxidative stress** Glutathione level decrease; free radical increase and damage; apoptosis → Oxidative injury; organ damage in severe disease
Immune system disruption and activation Immune suppression in some studies; immune hyperactivation in other studies Long-term: suppression of T-lymphocytes; inflammatory biomarkers increased; autoimmunity; organ injury	**Immune system disruption and activation** Decreased production of T-lymphocytes; elevated inflammatory biomarkers. → Immune hyperactivation and inflammation; cytokine storm in severe disease; cytokine-induced hypo-perfusion with resulting hypoxia; organ injury; organ failure
Increased intracellular calcium From activation of voltage-gated calcium channels on cell membranes, with numerous secondary effects	**Increased intracellular calcium** → Increased virus entry, replication, and release → Increased NF-κB, pro-inflammatory processes, coagulation, and thrombosis
Cardiac effects Up-regulation of sympathetic nervous system; palpitations and arrhythmias	**Cardiac effects** Arrhythmias → Myocarditis; myocardial ischemia; cardiac injury; cardiac failure

Supportive evidence including study details and citations are provided in the text under each subject heading, i.e., blood changes, oxidative stress, etc.

Активация Win

PUBLIC NOTICE



5G NETWORK IS A MILITARY GRADE WEAPON

Exposure to 5G waves leads to ....~~"flu-like symptoms."~~ covid-like SYMPTOMS

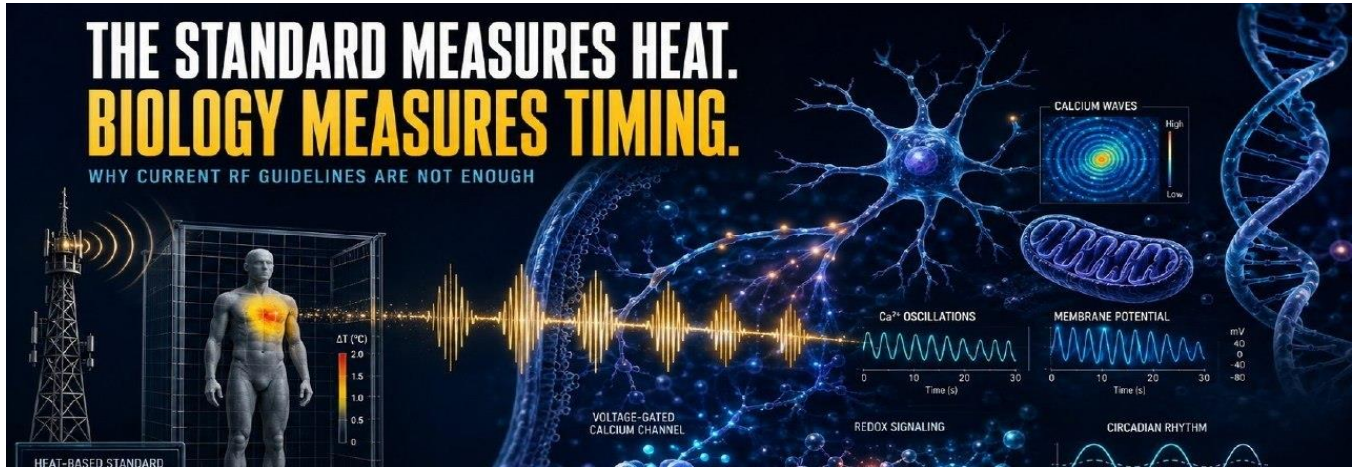
TOXIC

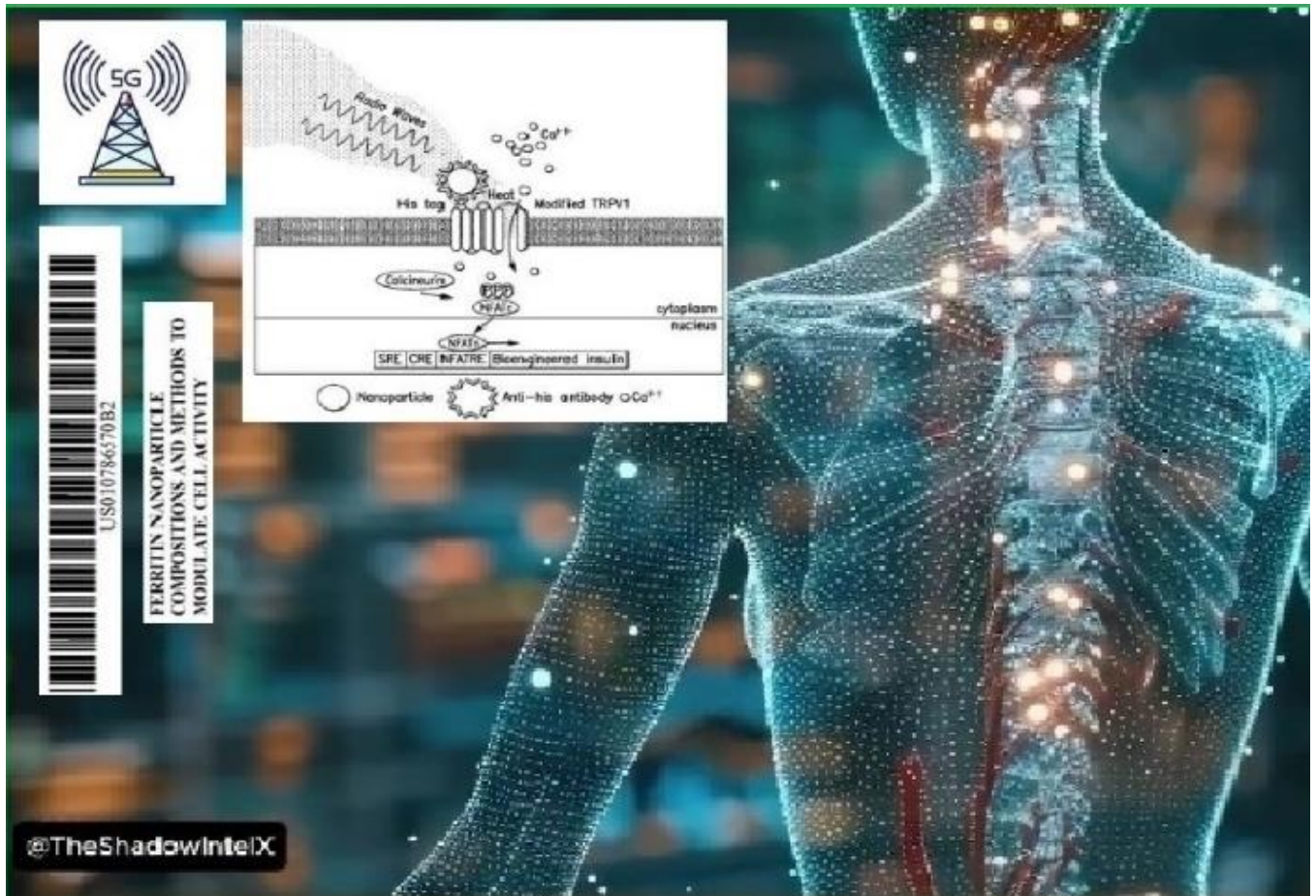
VIRU DETECT

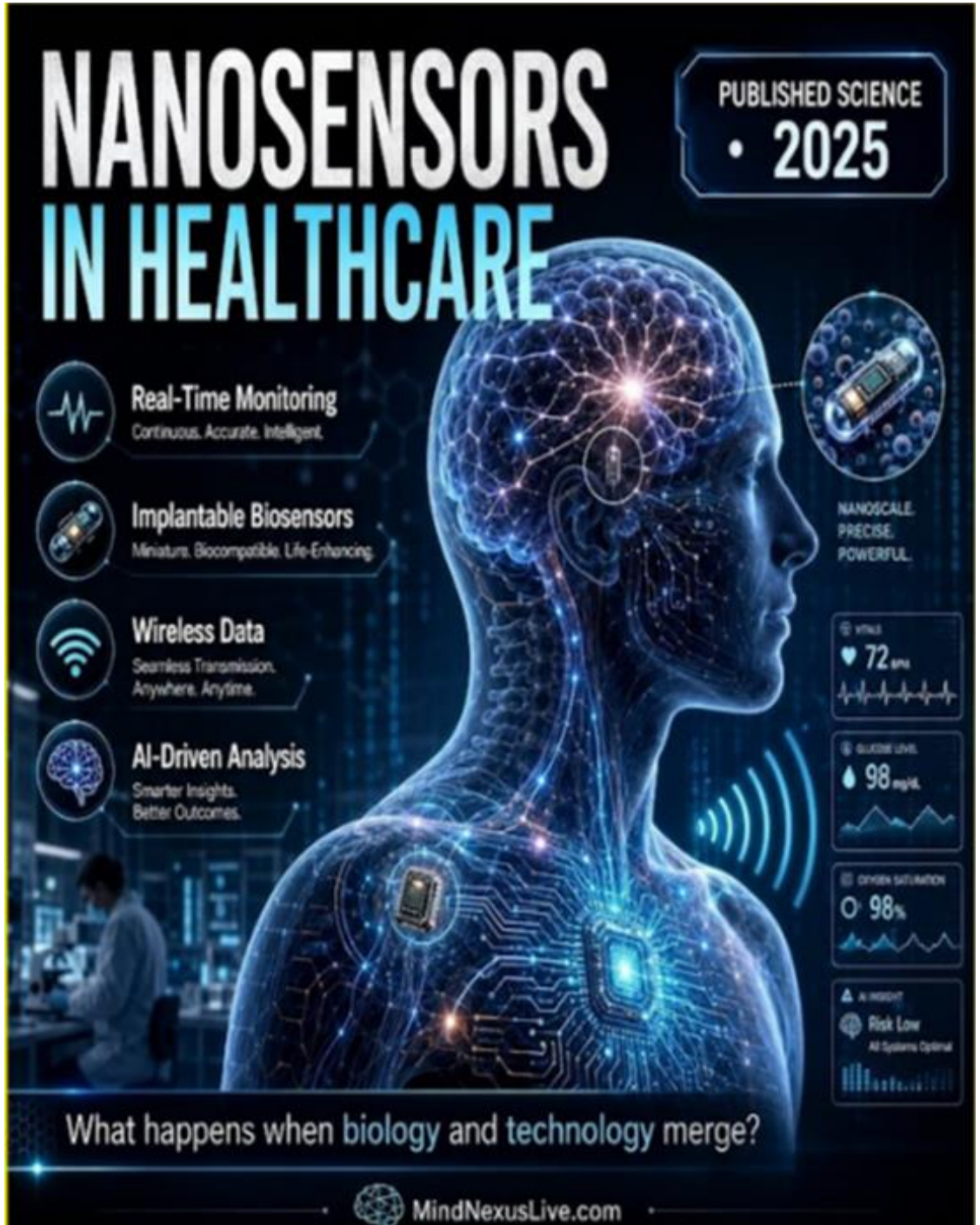
Symptoms of Microwave Illness

https://www.microwavedvets.com

Headaches	Difficulty Concentrating	Tinnitus
Dizziness	Memory Loss	Hearing Loss
Nausea	Brain Damage	Irregular Sleep Pattern
Skin Rash	Mood Disorder	Insomnia
Itchy Skin	Personality Disorder	Chronic Fatigue
Burning Skin Sensation	Increased Irritability	Deteriorating Vision
Tingling Sensation	Decreasing Trust in People	Pressure in/behind eyes
Tremors	Depression	Eye Damage
Muscle Spasms	Anxiety	Cataracts
Muscle and Joint Pain	ADHD/ADD	Immune Abnormalities
Restless Leg Syndrome	Digestive Issues	Altered Sugar Metabolism
Foot Issues	Abdominal Pain	Asthma Attacks
Low/High Pressure	Enlarged Thyroid	Bronchitis
Facial Flushing	Hair Loss	Pneumonia
Dehydration	Testicular/Ovarian Pain Low	Inflamed Sinuses
Body Metals Redistribution	Sperm Motility	Chest Pain/Pressure
Leukemia	Miscarriage	Heart Arrhythmia
Lymphoma	Electromagnetic Sensitivity	Heart Palpitations


THE STANDARD MEASURES HEAT.
BIOLOGY MEASURES TIMING.
WHY CURRENT RF GUIDELINES ARE NOT ENOUGH
CALCIUM WAVES
High
Low
ΔT (°C)
2.0
1.5
1.0
0.5
0
HEAT-BASED STANDARD
Ca²⁺ OSCILLATIONS
MEMBRANE POTENTIAL
mV
40
0
-40
-80
0
10
20
30
Time (s)
VOLTAGE-GATED CALCIUM CHANNEL
REDOX SIGNALING
CIRCADIAN RHYTHM


5G
Radio Waves
Ca²⁺
His tag
Heat
Modified TRPV1
Calcineurin
NFAT
cytoplasm
nucleus
SRE
CRE
NFAT/RE
Bioengineered insulin
Nanoparticle
Anti-his antibody
Ca²⁺
US010786570B2
FERRITIN NANOPARTICLE COMPOSITIONS AND METHODS TO MODULATE CELL ACTIVITY
@TheShadowIntelX


NANOSENSORS IN HEALTHCARE
PUBLISHED SCIENCE • 2025
Real-Time Monitoring
Continuous. Accurate. Intelligent.
Implantable Biosensors
Miniature. Biocompatible. Life-Enhancing.
Wireless Data
Seamless Transmission. Anywhere. Anytime.
AI-Driven Analysis
Smarter Insights. Better Outcomes.
NANOSCALE. PRECISE. POWERFUL.
72
98
98%
Risk Low
What happens when biology and technology merge?
MindNexusLive.com

MARTIN L. PALL, PHD

PROFESSOR EMERITUS OF BIOCHEMISTRY & BASIC MEDICAL SCIENCES,
WASHINGTON STATE UNIVERSITY

5G RISK:
THE SCIENTIFIC PERSPECTIVE

- The **Intracellular Mechanism** of Harm from Wireless Radiation
- The **Eight Primary Areas** of Biological Harm



5G SUMMIT
WORLDWIDE CALL TO ACTION

the5Gsummit.com

How Can the Diverse Effects of Such EMF Exposures Be Produced by VGCC Activation?

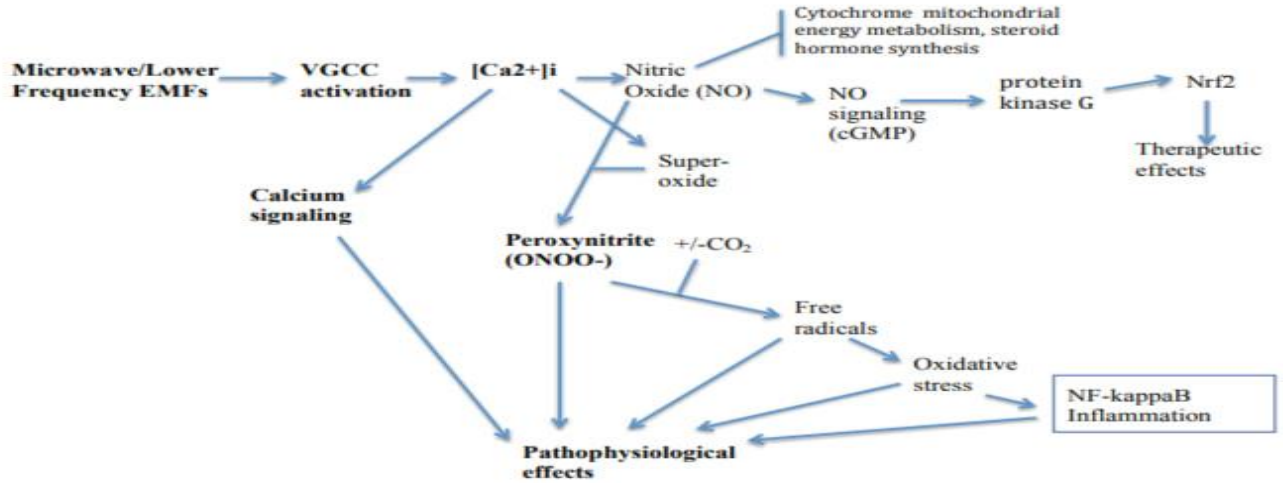


Fig. 1 How EMFs Act via VGCC Activation to Produce Various Effects

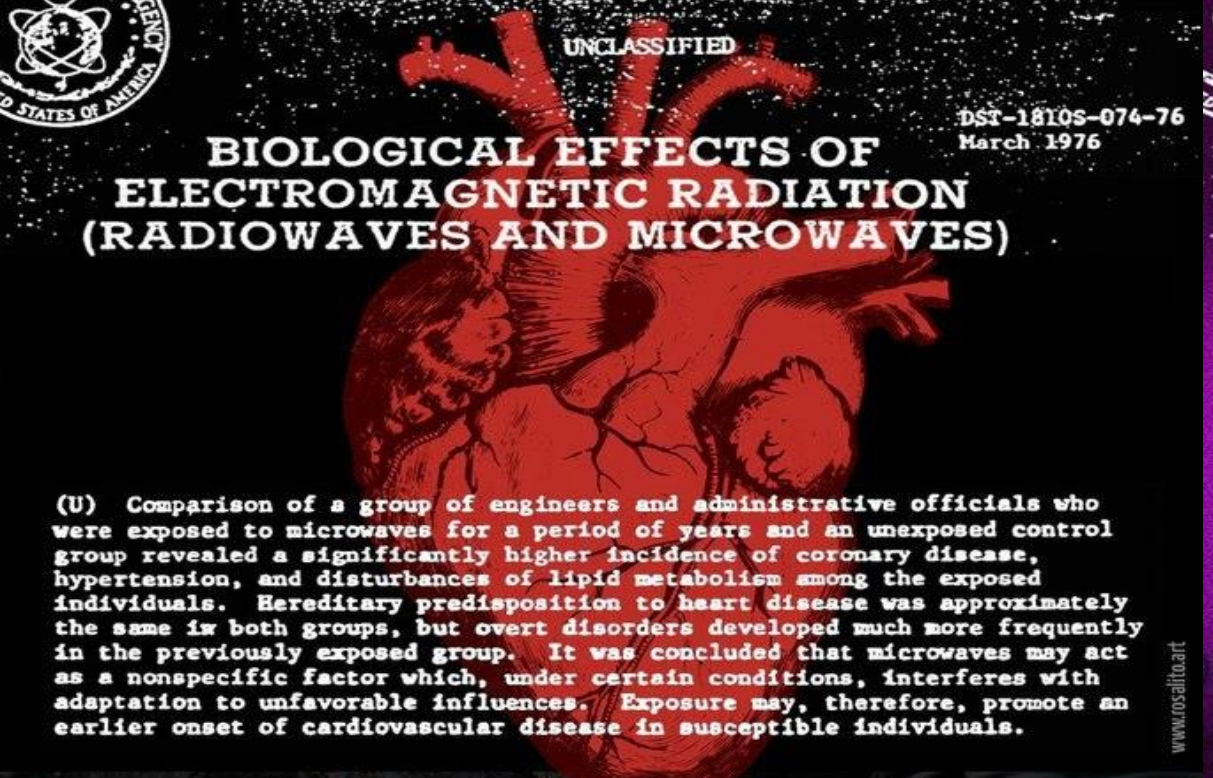
It follows from this that we already face four existential threats produced by microwave frequency EMF exposures to the survival of every technologically advanced society on earth:

1. Cumulative and irreversible neurological/neuropsychiatric effects.
2. Cumulative and irreversible reproductive effects.
3. Cumulative and irreversible cardiac effects, leading to sudden cardiac death.
4. DNA effects in germ line, including sperm cells, leading to major impacts on our gene pool and high mutation frequencies.

UNCLASSIFIED

DST-1810S-074-76
March 1976

BIOLOGICAL EFFECTS OF ELECTROMAGNETIC RADIATION (RADIOWAVES AND MICROWAVES)



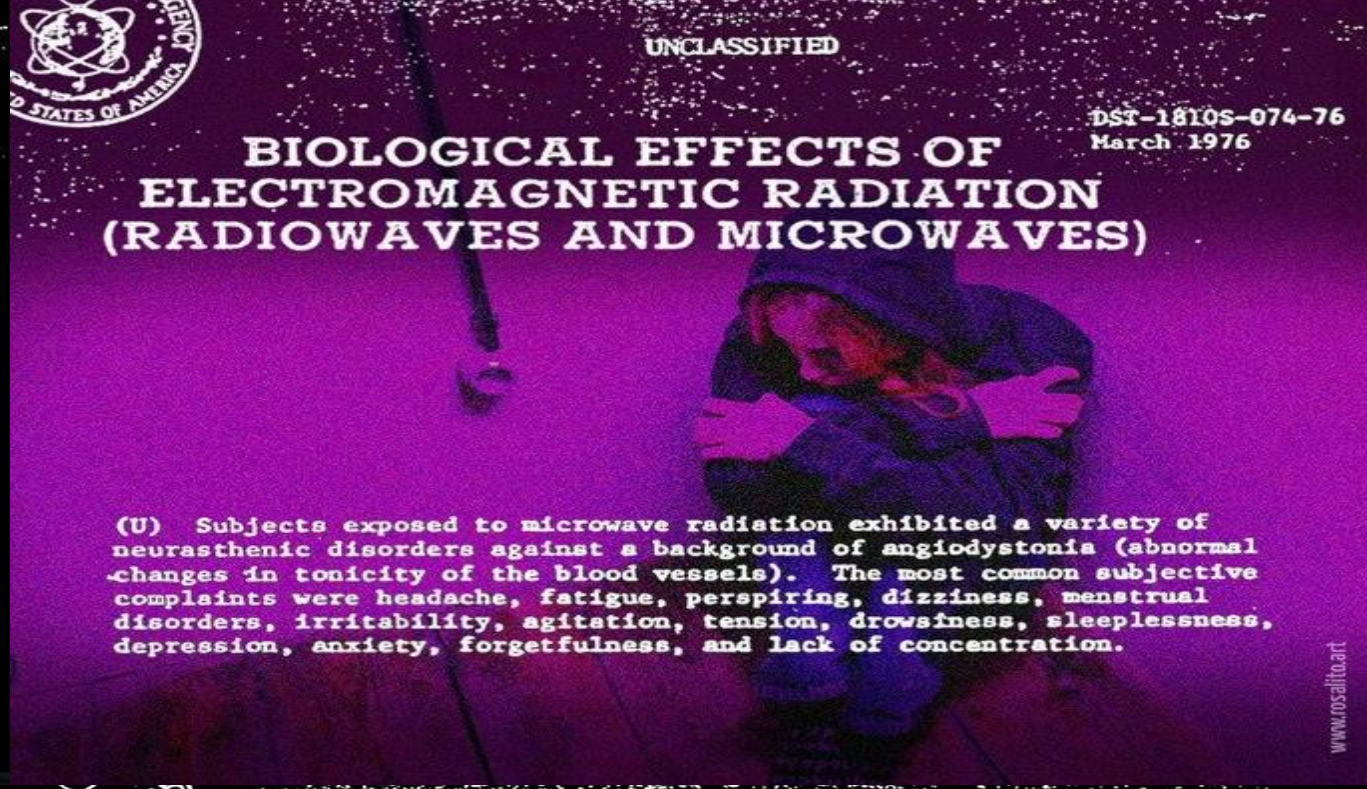
(U) Comparison of a group of engineers and administrative officials who were exposed to microwaves for a period of years and an unexposed control group revealed a significantly higher incidence of coronary disease, hypertension, and disturbances of lipid metabolism among the exposed individuals. Hereditary predisposition to heart disease was approximately the same in both groups, but overt disorders developed much more frequently in the previously exposed group. It was concluded that microwaves may act as a nonspecific factor which, under certain conditions, interferes with adaptation to unfavorable influences. Exposure may, therefore, promote an earlier onset of cardiovascular disease in susceptible individuals.

www.rosalito.art

UNCLASSIFIED

DST-1810S-074-76
March 1976

BIOLOGICAL EFFECTS OF ELECTROMAGNETIC RADIATION (RADIOWAVES AND MICROWAVES)



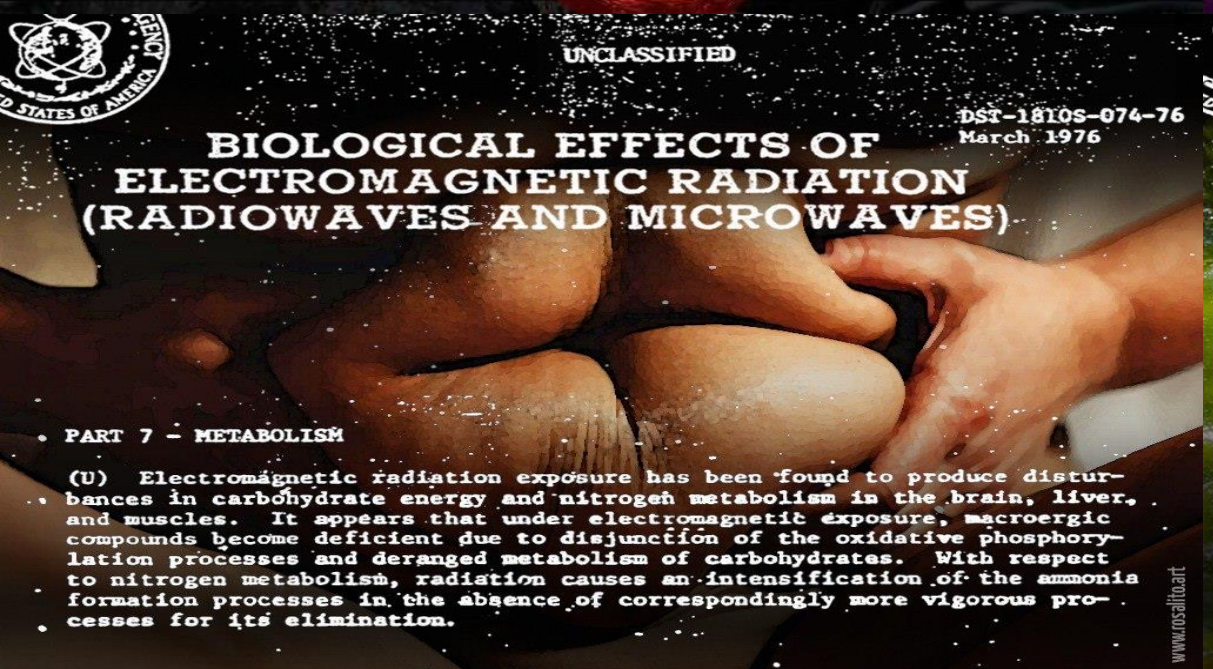
(U) Subjects exposed to microwave radiation exhibited a variety of neurasthenic disorders against a background of angiodystonia (abnormal changes in tonicity of the blood vessels). The most common subjective complaints were headache, fatigue, perspiring, dizziness, menstrual disorders, irritability, agitation, tension, drowsiness, sleeplessness, depression, anxiety, forgetfulness, and lack of concentration.

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BIOLOGICAL EFFECTS OF ELECTROMAGNETIC RADIATION (RADIOWAVES AND MICROWAVES)



PART 7 - METABOLISM

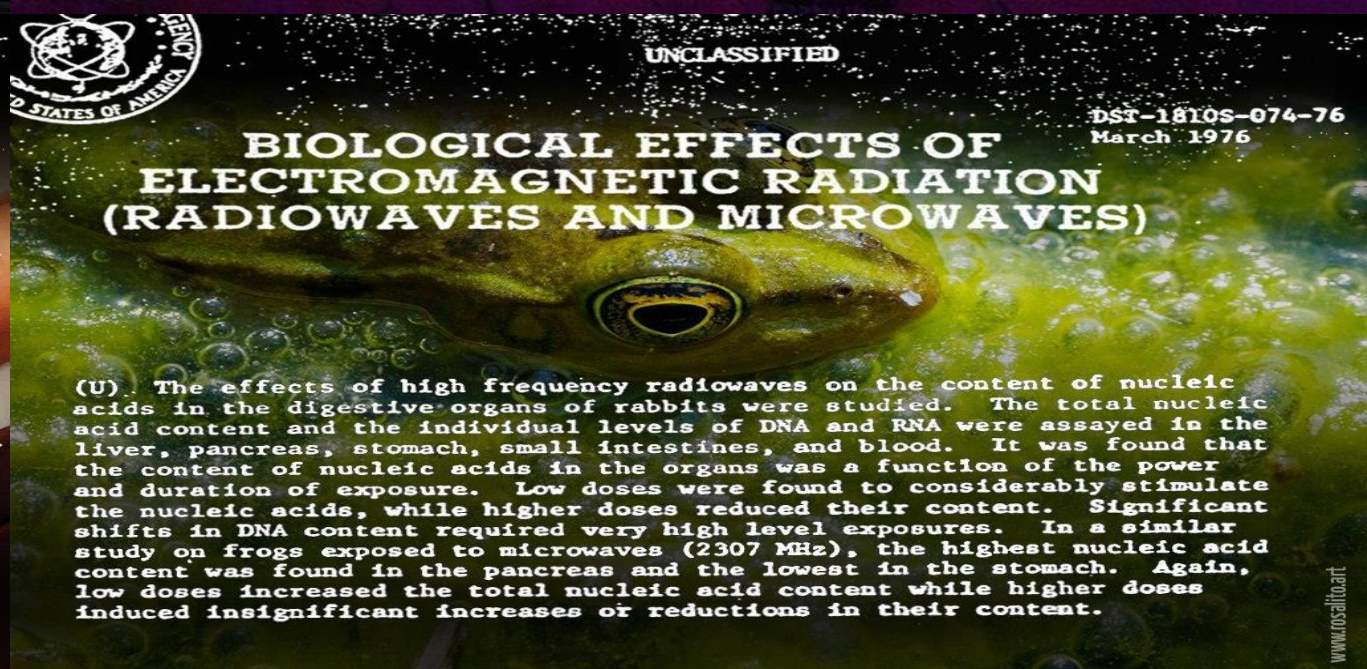
(U) Electromagnetic radiation exposure has been found to produce disturbances in carbohydrate energy and nitrogen metabolism in the brain, liver, and muscles. It appears that under electromagnetic exposure, macroergic compounds become deficient due to disjunction of the oxidative phosphorylation processes and deranged metabolism of carbohydrates. With respect to nitrogen metabolism, radiation causes an intensification of the ammonia formation processes in the absence of correspondingly more vigorous processes for its elimination.

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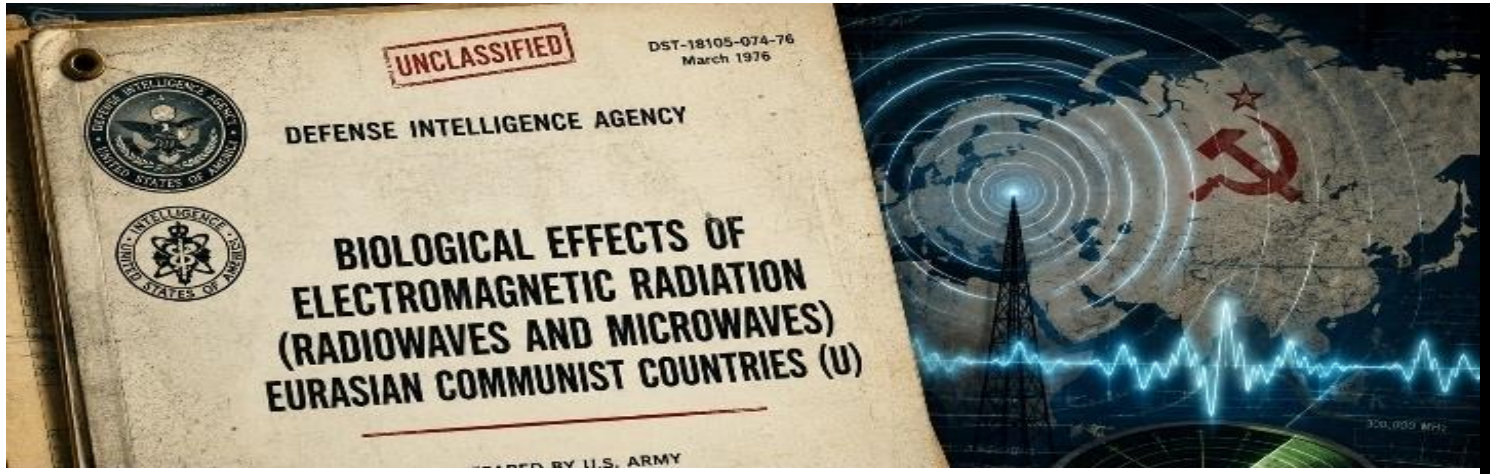
DST-1810S-074-76
March 1976

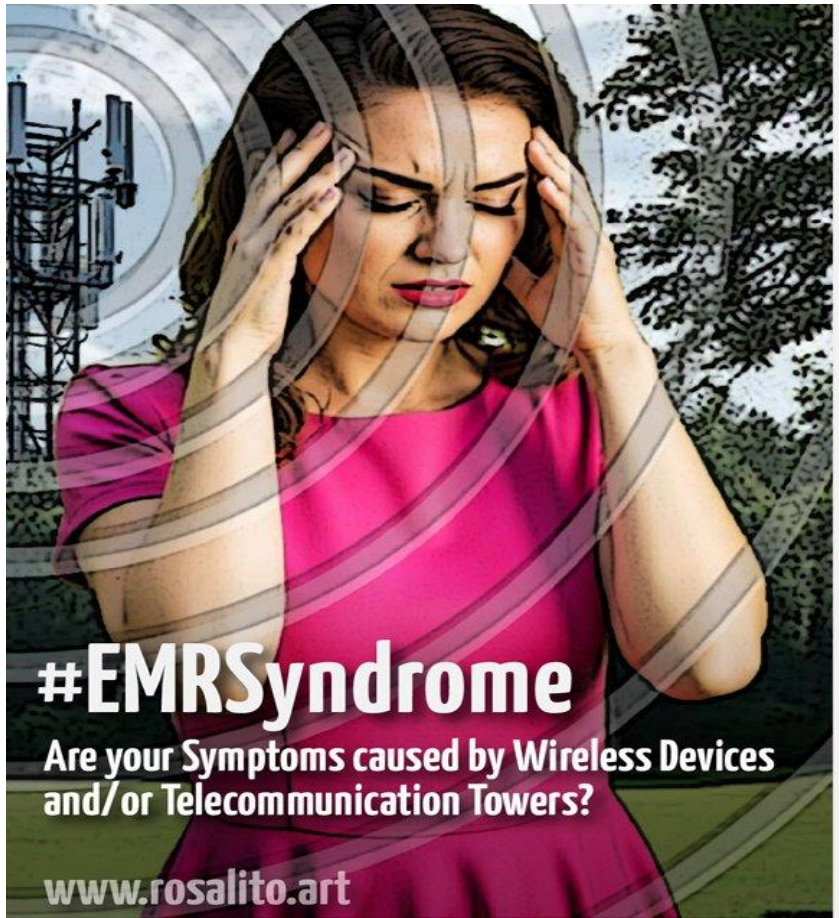
BIOLOGICAL EFFECTS OF ELECTROMAGNETIC RADIATION (RADIOWAVES AND MICROWAVES)



(U) The effects of high frequency radiowaves on the content of nucleic acids in the digestive organs of rabbits were studied. The total nucleic acid content and the individual levels of DNA and RNA were assayed in the liver, pancreas, stomach, small intestines, and blood. It was found that the content of nucleic acids in the organs was a function of the power and duration of exposure. Low doses were found to considerably stimulate the nucleic acids, while higher doses reduced their content. Significant shifts in DNA content required very high level exposures. In a similar study on frogs exposed to microwaves (2307 MHz), the highest nucleic acid content was found in the pancreas and the lowest in the stomach. Again, low doses increased the total nucleic acid content while higher doses induced insignificant increases or reductions in their content.

www.rosalito.art





COMMON SYMPTOMS OF ELECTROMAGNETIC RADIATION SYNDROME

BRAIN
Headaches
Insomnia/Sleep Problems
Dizziness
Difficulty Concentrating
Memory Problems
Brain Fog
Fatigue

EARS
Tinnitus
Humming
Sharp Pain
Noise Sensitivity

SKIN
Skin Rash
Itching
Burning
Facial Flushing

EYE
Pressure In/Behind Eyes
Eye Twitching
Deteriorating Vision
Vision Disturbances
Cataract

HEART
Palpitations
Arrhythmia
Chest Pain/Pressure
Difficulty Breathing
Low/high Blood Pressure

MOOD
Irritability
Depression

OTHER
Adrenal Problems
Digestive Problems
Weigh Loss/Gain
Tingling
Dehydratation
Hair Loss
Flu Like Symptoms

LONGTERM
Cancer
ADD/ADHD
Autism
Alzheimer's
Oxidative Stress
DNA Damage

Symptoms of COVID-19

- Brain fog
- Dizziness
- Fever of chills
- Shortness of breath
- Difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- Dry, sore throat
- Nasal Congestion
- Nausea of vomiting

Symptoms of Radiation

- Brain fog
- Dizziness
- Fever of chills
- Shortness of breath
- Difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- Dry, sore throat
- Nasal Congestion
- Nausea of vomiting

Search...
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RF Safe
RF Safe: Protecting Public Health
Over 4000+ Peer-reviewed Studies
Research
⚠ PHONE RADIATION IS A PUBLIC HEALTH THREAT! ⚠

Electromagnetic radiation (EMR) bio-effects across multiple physiological domains

Electromagnetic radiation (EMR) bio-effects across multiple physiological domains warrant rigorous scientific attention. Here is a comprehensive synthesis based on recent peer-reviewed evidence for six selected categories with technical precision and decisive clarity.

Neurological Effects

The neurological system encompasses the brain, spinal cord, and peripheral nerves, governing cognition, motor control, sensation, and autonomic functions. Emerging research consistently documents bio-effects of radiofrequency (RF) electromagnetic fields (EMF) on neural tissues, including blood-brain barrier permeability, EEG pattern alterations, and neural cell stress responses.

At least seven robust studies published since 2010 demonstrate deleterious neurological impacts of EMR exposure. Salford et al. (2015) reported blood-brain barrier breach and neuronal damage in rats at non-thermal RF levels. EEG studies reveal alterations in sleep architecture, including the delta and theta frequency disruption (Schmidt et al., 2017). Lai and Singh (2014) documented DNA strand breaks in rat brain neurons exposed to low-level RF. A 2022 study by Kostoff et al. showed oxidative stress markers increased in human neuronal cultures after chronic EMF exposure. Additional investigations (Nittby et al., 2009; Yakymenko et al., 2021; McNamee et al., 2023) report impaired cognitive memory performance and increased apoptosis.

Mechanistically, voltage-gated calcium channel (VGCC) activation is primary, leading to intracellular calcium influx that triggers oxidative stress cascades and mitochondrial dysfunction, unrelated to thermal increases (Pall 2013). Non-thermal pathways predominate, challenging regulatory assumptions based solely on heating effects.

Current FCC/ICNIRP limits focus exclusively on thermal thresholds (SAR limits ~1.6–2 W/kg), neglecting verified non-thermal neural bio-effects at orders of magnitude lower exposures (Leszczynski, 2020). This regulatory lag allows widespread exposures exceeding physiologically safe levels.

Common counter-arguments claim causality is unproven, exposures are too low to have effects, or animal data are irrelevant to humans. These are refuted by observed replicated neural DNA damage in human cell lines (REFLEX 2004), clearly defined mechanisms in mammalian VGCCs, and epidemiological glioma correlations for heavy users (Hardell, 2013).

Ethical takeaway: Protecting neurological health demands precautionary reduction of RF exposures given unequivocal evidence of neural sensitivity to non-thermal electromagnetic bio-effects.

Cardiovascular Effects

The cardiovascular system includes the heart and vascular networks responsible for hemodynamic regulation. Accumulating studies indicate EMR induces arrhythmogenic, endothelial, and autonomic dysregulation.

Seven key studies elucidate cardiovascular risks. Gothard et al. (2017) found in rodents exposed to 900 MHz RF decreased heart rate variability and elevated sympathetic tone. Gulati et al. (2018) reported endothelial dysfunction via oxidative stress in human endothelial cells. A large cohort epidemiological analysis (Shivappa et al., 2021) associated long-term mobile phone use with increased mortality from ischemic heart disease. Animal studies (Al-Akhras, 2022; Maganioti et al., 2016) confirmed myocardial fibrosis and altered cardiac electrophysiology post-EMF exposure.

Biophysical mechanisms parallel neurological effects, featuring VGCC activation in cardiac myocytes and oxidative stress-induced mitochondrial impairment. These perturbations contribute to arrhythmias and microvascular dysfunction without detectable heating.

Regulatory thresholds set by FCC and ICNIRP do not consider subthermal modulation of cardiac autonomic parameters or endothelial oxidative damage shown at SAR levels below 1 W/kg. This disconnect undermines public safety, especially for vulnerable cardiac populations.

Counter-arguments suggest observed cardiovascular changes are confounded by lifestyle or stress variables, or lack reproducibility. In contrast, multiple controlled rodent models and in vitro endothelial assays confirm causality, while epidemiological correlations span diverse demographics (BioInitiative 2020).

Ethical takeaway: Cardiovascular system integrity is compromised by chronic EMF exposures at levels deemed “safe,” mandating urgent exposure reassessment.

Renal (Kidney) Effects

The renal system filters blood, excretes waste, and regulates electrolytes and blood pressure. Evidence reveals EMR induces renal oxidative stress, histopathological changes, and functional impairments.

Seven pivotal rodent studies within the past decade (Özorak et al., 2014; Rizwan et al., 2017; Koyu et al., 2018; Mahamallik et al., 2022) demonstrated histological kidney damage including glomerular degeneration, tubular necrosis, and elevated biomarkers of oxidative injury post-EMF exposure at non-thermal intensities. Notably, Shahin et al. (2021) revealed disrupted renal antioxidant enzyme activities after long-term RF radiation.

Mechanistic insight attributes renal damage to VGCC-mediated calcium overload and increased reactive oxygen species (ROS) impairing mitochondrial function. These effects mirror systemic oxidative stress pathways common across organ systems.

Existing regulatory exposure limits neglect cumulative oxidative insults and subthermal exposure durations, providing no safeguard against progressive renal impairment. Current standards prioritize acute heating symptoms absent in documented renal damage.

Common objections that renal impacts in rodents do not translate to humans are refuted by fundamental cellular pathways of calcium-mediated oxidative injury conserved across mammals. Biomarker data from human exposure cohorts (occupational studies) indicate early renal stress signals consistent with experimental findings.

Ethical takeaway: Renal health risks from electromagnetic radiation exposure necessitate reassessment to prevent avoidable organ dysfunction.

Oncological Effects

Oncology concerns malignant cellular transformations and tumor growth. Strong high-certainty evidence positions RF EMR as carcinogenic, particularly causing gliomas and schwannomas at non-thermal doses.

Seven or more major studies constitute this evidence foundation. The National Toxicology Program (NTP, 2018) Technical Report 595 evidenced clear carcinogenicity of RF radiation causing brain gliomas and heart schwannomas in rats at environmentally relevant SARs. The Ramazzini Institute (Falcioni et al., 2018) replicated these results at even lower exposures. Epidemiological cohorts such as Interphone (2010), Hardell Group (2013), and CERENAT (2014) consistently found increased glioma and acoustic neuroma risks, with dose-response patterns for heavy mobile phone users.

Mechanistically, RF-induced reactive oxygen species induce DNA strand breaks and chromosomal aberrations non-thermally, confirmed by the REFLEX Project (2004). VGCC activation-driven calcium flux also stimulates oncogenic signaling pathways.

Regulatory ICNIRP and FCC guidelines rely on thermal thresholds ignoring genotoxic non-thermal effects demonstrated by multiple independent laboratories. This regulatory inertia leads to widespread carcinogenic exposures under current safety limits.

Claims of insufficient evidence for causation ignore compelling animal and human data comprehensively reviewed by WHO IARC and recent systematic reviews (Mevissen et al., 2025).

Ethical takeaway: Cancer risks from RF electromagnetic radiation are established beyond doubt and current exposure limits must be urgently tightened to prevent morbidity and mortality.

Reproductive and Developmental Effects

The reproductive system (gonads, gametes, hormonal axes) and developmental processes show high vulnerability to RF exposure. Impaired fertility, disrupted hormone profiles, and developmental abnormalities have been documented.

Since 2010, a minimum of seven studies have demonstrated sperm count reductions, vitality loss, and DNA damage in male reproductive cells at sub-thermal SAR exposures (Cordelli et al., 2024; Kesari et al., 2017; Falzone et al., 2016). Animal models show disrupted testicular histology and impaired embryogenesis. Developmental studies reveal maternal exposure impacts fetal growth and neurodevelopment (Panagopoulos et al., 2015).

Mechanistically, oxidative stress from mitochondrial dysfunction and VGCC-mediated calcium influx are central, compromising sperm motility and DNA integrity. Endocrine disruption, especially of testosterone and follicle-stimulating hormone levels, is regularly observed.

FCC and ICNIRP limits neglect these sub-thermal bio-effects on reproductive parameters. The latest WHO systematic review confirms high-certainty evidence linking RF exposure to male fertility decline at exposure levels below current regulatory limits.

Counter-arguments citing confounding lifestyle factors or inconsistent findings are contradicted by rigorous controlled exposure studies and meta-analyses showing reproducible sperm damage and hormonal changes.

Ethical takeaway: Protecting human reproduction requires immediate revision of RF exposure standards given definitive evidence of harm.

Symptoms of a Biofield Assault/Injury/Dysfunction:

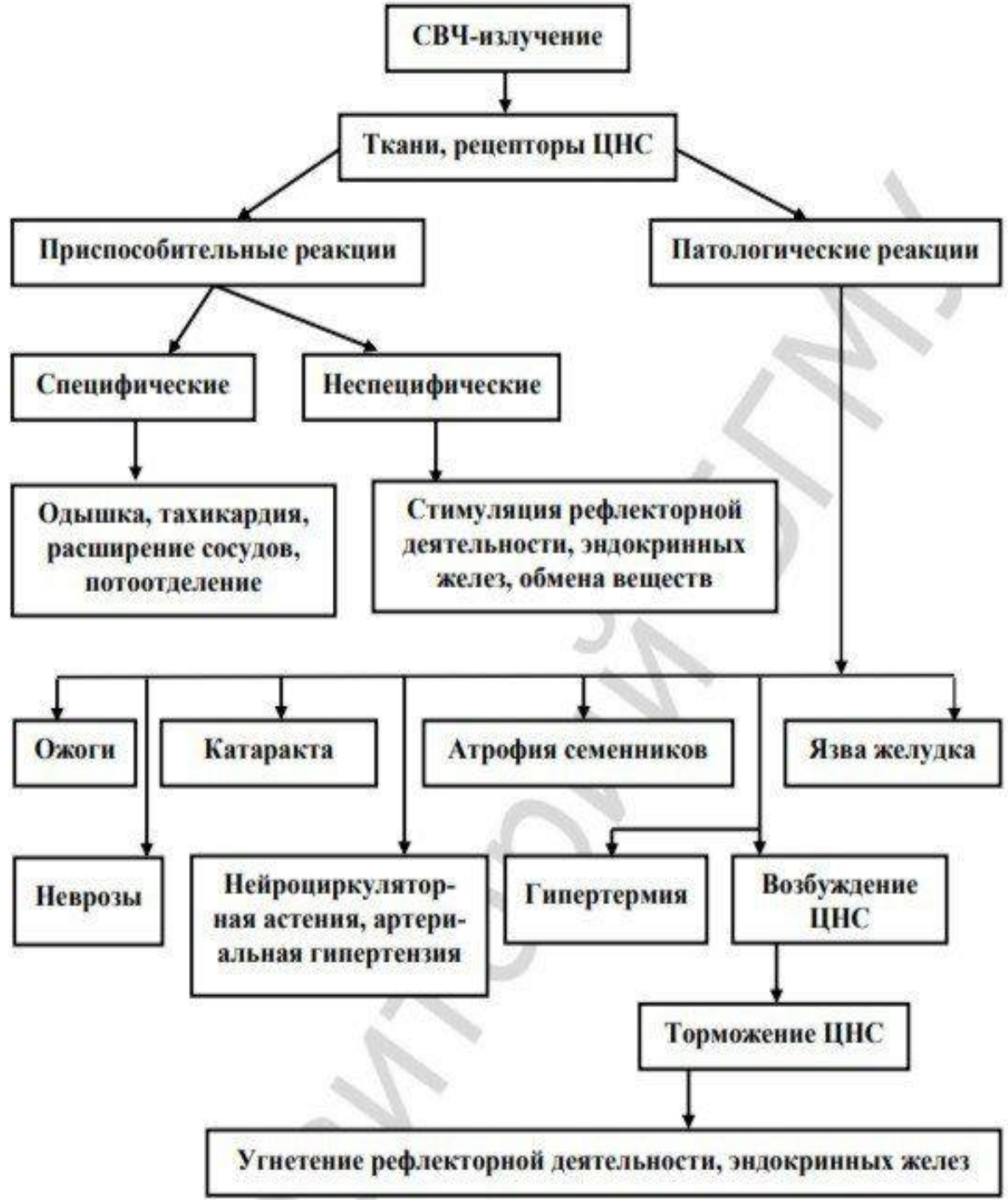
- Pain
- Anxiety
- Depression
- Immune Dysfunction- autoimmune conditions/ frequent infections
- Cancer
- Stress
- Insomnia
- Itchy/tingling sensation
- Skin Rashes/Wounds
- Morgellon fibers in wounds
- Tinnitus- ringing in ears
- Headaches
- Difficulty with concentration/ sustaining focus
- Mood dysfunction
- Cognitive dysfunction
- Joint Pain
- Edema (swelling) of extremities, face, and tissue- described as "tightness" in body
- Hearing voices (V2K tech)

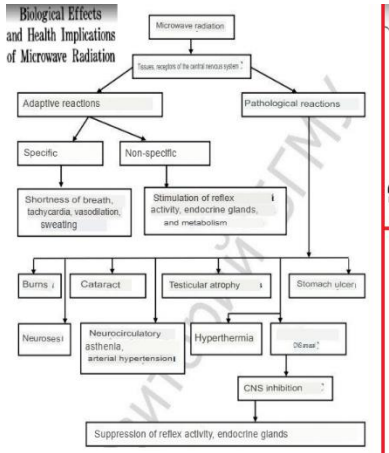
Causes of Biofield Assault/Injury/Dysfunction

- Prolonged EMF exposure
- Electromagnetic Warfare Attack
- Electronic Kill Grid Attack
- 5G/6G Microwave Exposure
- Drone Warfare Attack
- Neural Networks
- Neural "Smart" Dust
- Medications/ Vaccinations
- Reduction Force Activities
- Sonic weapons
- Cyber Attack
- Frequency Weapons Attack

Treatment Plans for Healing Biofield/Maintaining Biofield Homeostasis:

- Daily spiritual practice- daily chakra visualization- daily intention- maintains heart chakra homeostasis
- Daily Biofield Practice- Piloerection (goose bumps by thinking about them)- if having difficulty, add favorite music for "Frisson" effect. This practice allows one to develop more control of piloerection process which is important aspect of defense/offensive biofield shielding/ shunting
- Daily exercises (kinetic) to maximize recharging maximum energy level at the cellular level- 2



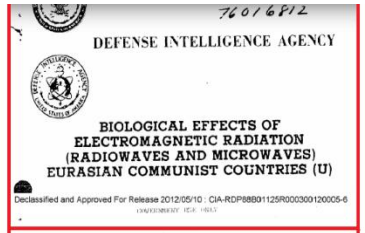


ANNALS OF SCIENCE, 37 (1980), 323–351

Early Research on the Biological Effects of Microwave Radiation: 1940–1960

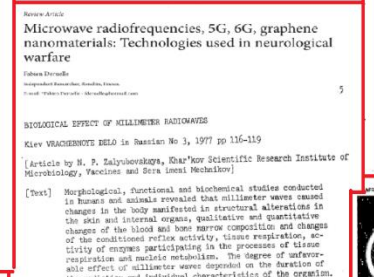
HAROLD J. COOR, NICHOLAS H. STENECK, ARTHUR J. VANDER and GORDON L. KANE
The University of Michigan, Ann Arbor, Michigan 48109, U.S.A.

Received 8 November 1979


DEFENSE INTELLIGENCE AGENCY

BIOLOGICAL EFFECTS OF ELECTROMAGNETIC RADIATION (RADIOWAVES AND MICROWAVES) EURASIAN COMMUNIST COUNTRIES (U)

Declassified and Approved For Release 2012/05/10 : CIA-RDP88B01125R000300120005-6


Review Article

Microwave radiofrequencies, 5G, 6G, graphene nanomaterials: Technologies used in neurological warfare

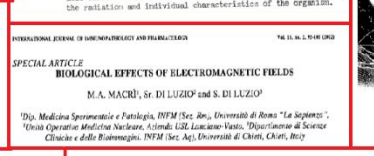
Fabien Deruelle

BIOLOGICAL EFFECT OF MILLIMETER RADIONAVES

Kiev VRACHEBNOYE DELO in Russian No 3, 1977 pp 116-119

[Article by N. P. Zalyubovskaya, Khar'kov Scientific Research Institute of Microbiology, Vaccines and Sera imeni Mechnikov]

[Text] Morphological, functional and biochemical studies conducted in humans and animals revealed that millimeter waves caused changes in the body manifested in structural alterations in the skin and internal organs, qualitative and quantitative changes of the blood and bone marrow composition and changes of the conditioned reflex activity, tissue respiration, activity of enzymes participating in the processes of tissue respiration and nucleic metabolism. The degree of unfavorable effect of millimeter waves depended on the duration of the radiation and individual characteristics of the organism.


INTERNATIONAL JOURNAL OF IMMUNOPATHOLOGY AND PHARMACOLOGY

SPECIAL ARTICLE

BIOLOGICAL EFFECTS OF ELECTROMAGNETIC FIELDS

M.A. MACRÌ[1], Sr. DI LUZIO[2] and S. DI LUZIO[2]

[1]Dip. Medicina Sperimentale e Patologia, INFM (Sez. Re), Università di Roma "La Sapienza", [2]Unità Operativa Medicina Nucleare, Azienda USL Lanciano-Vasto, [3]Dipartimento di Scienze Cliniche e delle Bioimmagini, INFM (Sez. Ag), Università di Chieti, Chieti, Italy

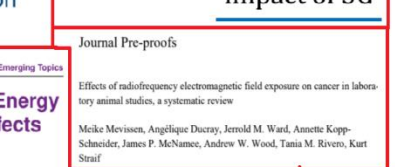

Human auditory system response to modulated electromagnetic energy

ALLAN H. FREY
General Electric Advanced Electronics Center, Cornell University, Ithaca, New York


BRIEFING

European Parliament

Effects of 5G wireless communication on human health


EMB IEEE Journal of Engineering in Medicine and Biology — Emerging Topics

Pulsed High-Power Radio Frequency Energy Can Cause Non-Thermal Harmful Effects on the BRAIN

Omid Yaghmazadeh


January 11-17, 1993 DEFENSE NEWS 29

U.S., Russia Hope To Safeguard Mind-Control Techniques

Declassified and Approved For Release 2011/12/07 : CIA-RDP90T00155R000500030011-4

JACK ANDERSON and DALE VAN ATTA

Radio Waves Studied for Arms Potential


Effects of radiofrequency electromagnetic field (RF EMF) exposure on cancer in laboratory animal studies: a systematic review

Study types: chronic bioassays, initiation-(co) promotion, tumor prone mice

All organs / systems with focus on chronic bioassays

Lymphoma Brain Heart Adrenal gland Liver Lung

Collecting Information on Diagnosed Cases of "Havana Syndrome" and its Anomalous Health Incidents (AHI) among Civilians Occurring on US Soil

AD-A282 886

RADIOFREQUENCY/MICROWAVE RADIATION BIOLOGICAL EFFECTS AND SAFETY STANDARDS: A REVIEW

Edited by William P. Roach

Directed Energy Bioeffects Division Radio Frequency Radiation Branch

July 2009

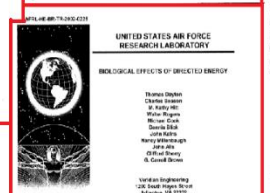
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UNITED STATES AIR FORCE RESEARCH LABORATORY

BIOLOGICAL EFFECTS OF DIRECTED ENERGY

HUMAN EFFECTIVENESS DIRECTORATE DIRECTED ENERGY BIOEFFECTS DIVISION RADIOFREQUENCY RADIATION BRANCH 8262 HAWKS ROAD Brooks AFB, Texas 78235

20030130

November 2002


AFRL-RH-BR-TR-2010-0065

Radio Frequency Radiation Dosimetry Handbook (Fifth Edition)

Edited by William P. Roach

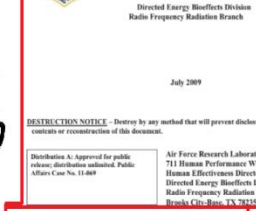
Directed Energy Bioeffects Division Radio Frequency Radiation Branch

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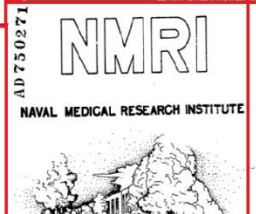
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BIBLIOGRAPHY OF REPORTED BIOLOGICAL RESEARCH (U) EFFECTS AND CLINICAL MANIFESTATIONS ATTRIBUTED TO MICROWAVE AND RADIO-FREQUENCY RADIATION

RESEARCH REPORT

NATIONAL TECHNICAL INFORMATION SERVICE

Insights in the biology of extremely low-frequency magnetic fields exposure on human health

Abbas Karimi[1,2] · Farzaneh Ghadiri Moghaddam[2,3] · Masoumeh Valipour[3]

Received: 16 April 2020 / Accepted: 27 May 2020

© Springer Nature B.V. 2020

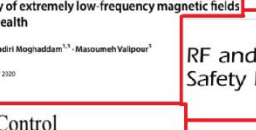

Health impact of 5G

European Parliament

Journal Pre-proofs

Effects of radiofrequency electromagnetic field exposure on cancer in laboratory animal studies, a systematic review

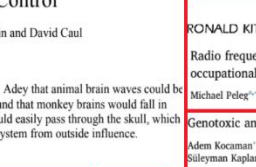
Meike Mevissen, Angélique Ducray, Jerrold M. Ward, Annette Kopp-Schneider, James P. McNamee, Andrew W. Wood, Tania M. Rivero, Kurt Straif


Mind Control

By Harry V. Martin and David Caul

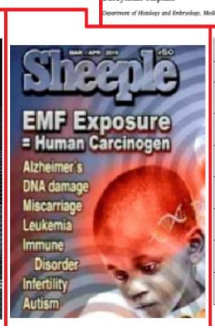
Copyright, Napa Sentinel, 1991

...In California, it was discovered by Dr. Adey that animal brain waves could be altered directly by ELF fields. It was found that monkey brains would fall in phase with ELF waves. These waves could easily pass through the skull, which normally protected the central nervous system from outside influence.


EMF Radiation

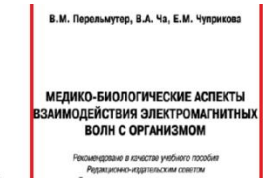
It Causes

- DNA damage
- Disrupts hormones
- Creates stress proteins
- Negatively affects fertility
- CDC concluded there is a high probability that EMFs cause 2 kinds of brain tumors.


Sheeple

EMF Exposure = Human Carcinogen

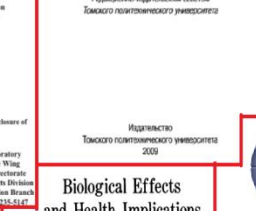
Alzheimer's
DNA damage
Miscarriage
Leukemia
Immune Disorder
Infertility
Autism


В.М. Перельмутер, В.А. Ча, Е.М. Чуприкова

МЕДИКО-БИОЛОГИЧЕСКИЕ АСПЕКТЫ ВЗАИМОДЕЙСТВИЯ ЭЛЕКТРОМАГНИТНЫХ ВОЛН С ОРГАНИЗМОМ

Рекомендовано в качестве учебного пособия Редакционно-издательским советом Томского политехнического университета

Издательство Томского политехнического университета 2009

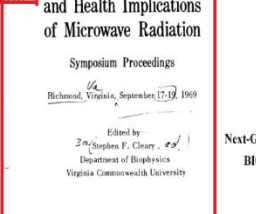

Biological Effects and Health Implications of Microwave Radiation

Symposium Proceedings

Richmond, Virginia, September 17-19, 1969

Edited by Stephen F. Cleary

Department of Biophysics Virginia Commonwealth University


УДК 577.35 : 75.033 : 537.868 : 573.22

ИНТЕРФЕРЕНЦИЯ МЕХАНИЗМОВ ВЛИЯНИЯ СЛАБЫХ ЭЛЕКТРОМАГНИТНЫХ ПОЛЕЙ КРАЙНЕ НИЗКИХ ЧАСТОТ НА ОРГАНИЗМ ЧЕЛОВЕКА И ЖИВОТНЫХ

© 2012 г. В.С. Мартынов[1], Ю.В. Цейслер[1], Н.А. Темурьянц[2]

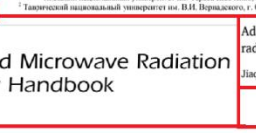
[1] Киевский национальный университет им. Тараса Шевченко, г. Киев, Украина; [2] Таврический национальный университет им. В.И. Вернадского, г. Симферополь, Украина


RF and Microwave Radiation Safety Handbook

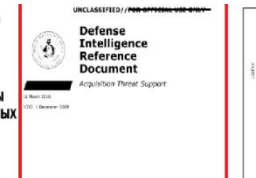
RONALD KITCHEN

Radio frequency radiation-related cancer: assessing causation in the occupational/military setting

Michael Peleg[a,*], Or Nativ[b], Elihu D. Richter[b]


Genotoxic and carcinogenic effects of non-ionizing electromagnetic fields

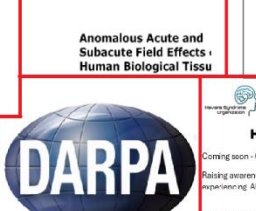
Adem Kocaman*, Gamze Altun, Arife Ahsen Kaplan, Ömür Gülsüm Deniz, Kıymet Kübra Yurt, Süleyman Kaplan


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Defense Intelligence Reference Document

Acquisition Threat Support

Anomalous Acute and Subacute Field Effects of Human Biological Tissu


DARPA

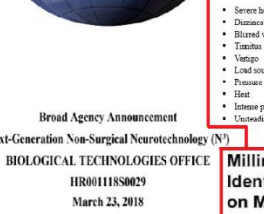
Broad Agency Announcement

Next-Generation Non-Surgical Neurotechnology (N³)

BIOLOGICAL TECHNOLOGIES OFFICE

HR001118S0029

March 23, 2018


International Journal of Molecular Sciences

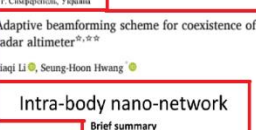
Review

Brain Disease-Modifying Effects of Radiofrequency as a Non-Contact Neuronal Stimulation Technology

Shulei Sun[1,†], Jursoo Bok[2,†], Yongwoo Jang[2,3,*] and Hyemyung Seo[1,*]


Adaptive beamforming scheme for coexistence of 5G base station and radar altimeter

Jiaqi Li, Seung-Hoon Hwang


Intra-body nano-network

Brief summary

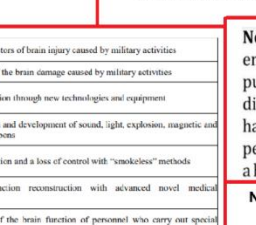
Mik Andersen


fortune Journals

Review Article

JOURNAL OF CANCER SCIENCE AND CLINICAL THERAPEUTICS

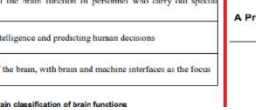
ISSN: 2627-9277


A Critical Analysis of the World Health Organization (WHO) Systematic Review 2024 on Radiofrequency Radiation Exposure and Cancer Risks

Lennart Hardell* and Mona Nilsson

Understanding the brain	Understand the risk factors of brain injury caused by military activities
Protecting the brain	Targeted prevention of the brain damage caused by military activities
Monitoring the brain	Monitoring brain function through new technologies and equipment
Injuring the brain	Promoting the research and development of sound, light, explosion, magnetic and other new types of weapons
Interfering with the brain	Causing brain dysfunction and a loss of control with "smokeless" methods
Repairing the brain	Achieving brain function reconstruction with advanced novel medical technology
Enhancing the brain	Improving the level of the brain function of personnel who carry out special tasks
Simulating the brain	Brain inspired robot intelligence and predicting human decisions
Arming the brain	Studying the arming of the brain, with brain and machine interfaces as the focus

Figure 3: Chinese Military Brain classification of brain functions

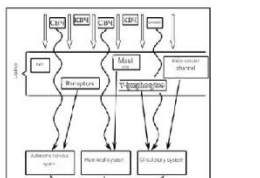

Neurostrike weapon entails emitting RF directed energy pulse or neurocognitive disrupter, designed to harm, disable or permanently damage a human brain.

Robert McCreight

Non-kinetic-energy weapons termed 'non-lethal'

A Preliminary Assessment under International Humanitarian Law and International Human Rights Law

Stuart Casey-Maslen


Havana Syndrome Awareness Day

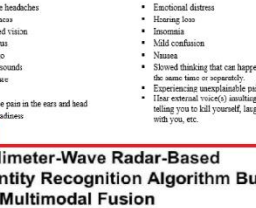
Coming soon - October 8, 2025

Raising awareness about the importance of going to the doctor or hospital when experiencing AHI aka Havana Syndrome symptoms, including:

- Severe headaches
- Dizziness
- Blurred vision
- Tinnitus
- Vertigo
- Loud sounds
- Pressure
- Heat
- Intense pain in the ears and head
- Uneasiness
- Emotional distress
- Hearing loss
- Insomnia
- Mild confusion
- Nausea
- Slowed thinking that can happen at the same time or separately:
- Experiencing unexplainable pain.
- Hear external voice(s) insulting you, telling you to kill yourself, laughing with you, etc.


Millimeter-Wave Radar-Based Identity Recognition Algorithm Built on Multimodal Fusion

by Jian Guo[1,2,*], Jingpeng Wei[1,2], Yashan Xiang[1,2] and Chong Han[1,2]


Biological Effects and Health Implications of Microwave Radiation

Symposium Proceedings

Richmond, Virginia, September 17-19, 1969

TABLE 5

Functional CNS changes resulting from exposure to microwaves radiation

TABLE 6

Autonomic and cardiovascular effects of electromagnetic radiation

МИКРОВОЛНОВОЕ ОРУЖИЕ и ЭФИРНЫЙ ТЕРРОР

sponsored by MEDICAL COLLEGE OF VIRGINIA Virginia Commonwealth University

with the support of Bureau of Radiological Health


Biological Effects and Health Implications of Microwave Radiation

Symposium Proceedings

Richmond, Virginia, September 17-19, 1969

TABLE 8

Neurohumoral responses to radiofrequency electromagnetic radiation

TABLE 10

Hematopoietic and biochemical responses to electromagnetic radiation

TABLE 11

Effects of electromagnetic radiation on the eye

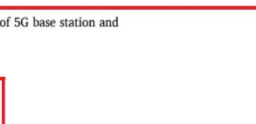
TABLE 12

Endocrine responses to radiofrequency radiations

TABLE 13

Miscellaneous effects on electromagnetic radiation

МИКРОВОЛНОВОЕ ОРУЖИЕ и ЭФИРНЫЙ ТЕРРОР


Brain-Disease-Modifying Effects of Radiofrequency as a Non-Contact Neuronal Stimulation Technology

Shulei Sun[1,†], Jursoo Bok[2,†], Yongwoo Jang[2,3,*] and Hyemyung Seo[1,*]

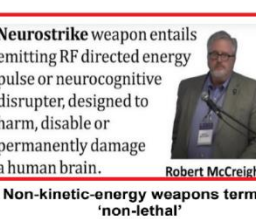

Thermal effects

1	The mechanism of action of thermal radiation	1. Heating of biological tissues due to polarization losses in the water component
2	Consequences at the cellular level	1. Change in the chemical activity of water and electrolytes. 2. Changes in the functional activity of proteins, including enzymes. 3. Changes in metabolic processes, decrease in the level of cellular vital activity. 4. Cell death
3	Consequences at the organism level	1. Suppression and disruption of the functioning of the body's systems. 2. Decreased immunity. 3. Chronic diseases

Table 6

Exposure to non-thermal electromagnetic radiation

Pos.	Object of influence	Possible physical mechanism	Biologically important consequences
1	Water molecules	Oscillation buildup in water clusters	• Changes in the chemical activity of water and electrolytes.
		a) through direct interaction with EMR; b) through interaction with biomolecules such as ATP	• Change in the degree of hydration of proteins and, due to this, change in their functional activity
2	Biomacromolecules	Synchronization and accumulation of energy in electron vortex structures of proteins and DNA	• Conformational transitions in protein molecules and, due to this, changes in functional activity: a) enzymes; b) gate proteins; c) transport proteins. • DNA strand breaking. • Change in the tertiary structure of chromosomes and modification of cells
3	Membranes	Excitation of acoustoelectric waves	• Change in charge distribution on the membrane. • Conformational transitions in protein molecules embedded in the membrane and changes in their functional properties
4	Biotissues	Local heating in the antinodes of a standing wave during interference of electromagnetic waves	Change in the activity of metabolic processes


Enabling Deep-Tissue Networking for Miniature Medical Devices

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The Prevalence of People with Restricted Access to Work in Manmade Electromagnetic Enviroments

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Electromagnetic Sensitivity (EMS) is a recognized disability, described as a heightened sensitivity to radio frequency radiation from sources such as smartphones, WiFi and cell towers. According to some estimates, **it affects up to 30% of the population.** Documented symptoms of EMS include **headaches, nausea, vomiting, dizziness, sleep problems, heart palpitations, tinnitus (ringing in the ears), vertigo, skin rashes and memory and cognitive problems.**

CHILDRENSHD.ORG/WIRELESS

Children's Health Defense

For more information, visit: Stop5G.org

STOP 5G

Health Hazards of Cell Tower Radiation

Depression

Depression is classified as a serious mood disorder. It causes severe symptoms that affect how you feel, think, and handle daily activities, such as sleeping, eating, or working. Cell tower radiations can cause changes in brain's electrical activity thus leading to depression.



Miscarriage

Radiation source could result in DNA damage in embryos. The radiation of mobile communication base station within 500 m can have adverse effect on the vulnerable chromosome structure of embryos. A case-study in the US observed high abortion/miscarriage rate in people living near cell phone towers.



Dizziness

Dizziness or loss of balance is one of the most common complaint heard from people living near mobile towers. Acute or chronic problems with equilibrium could indicate serious health risks & also restrain a person's everyday living.



Headache

A headache can be a sign of stress or it can result from another medical disorder, such as high blood pressure, anxiety, ordepression. Long term exposure to EMF Radiations can result in chronic migraine headaches.



TOWER 500
Measure, Analyze & Protect

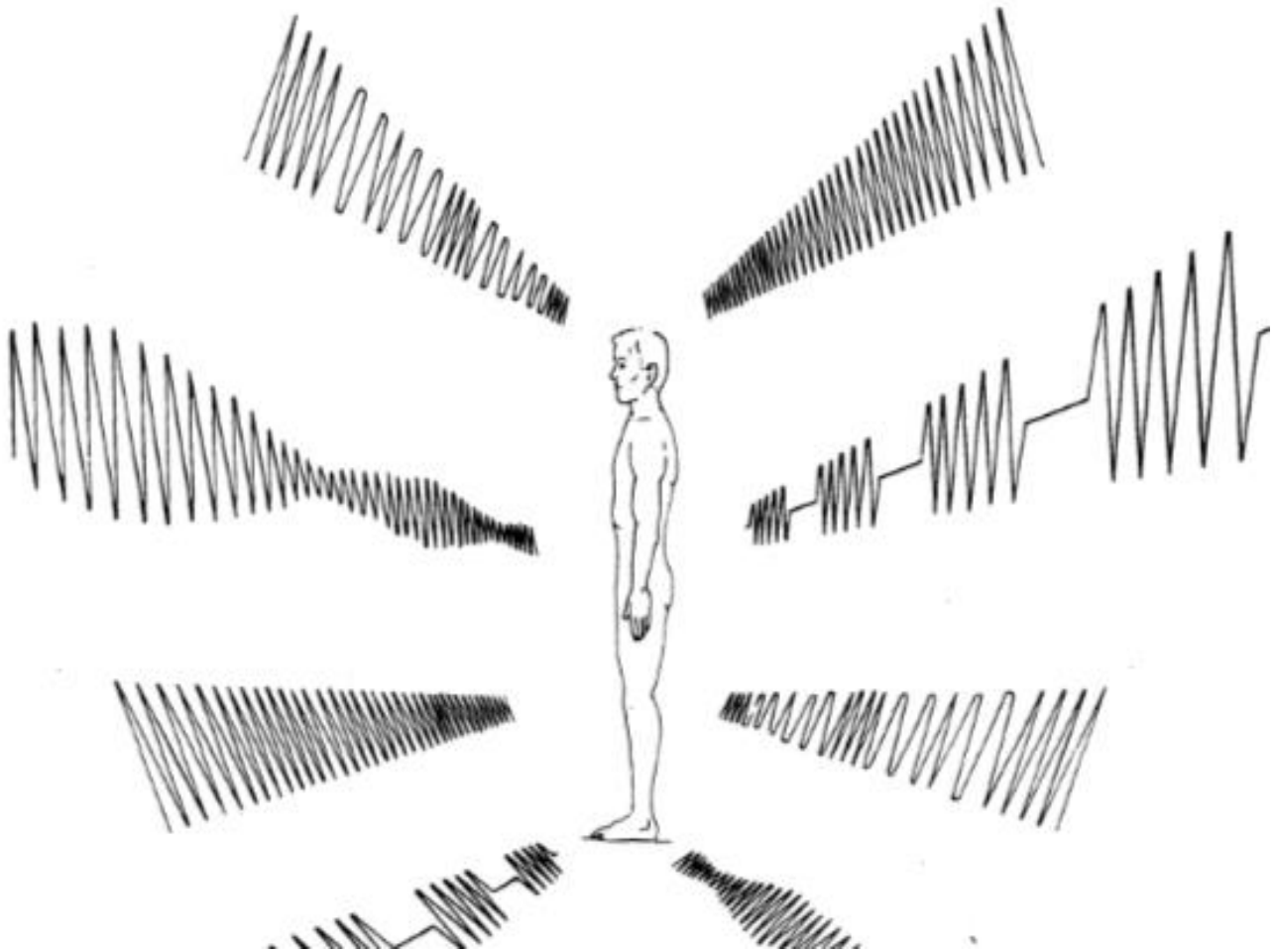
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EPA

Biological Effects of Radiofrequency Radiation

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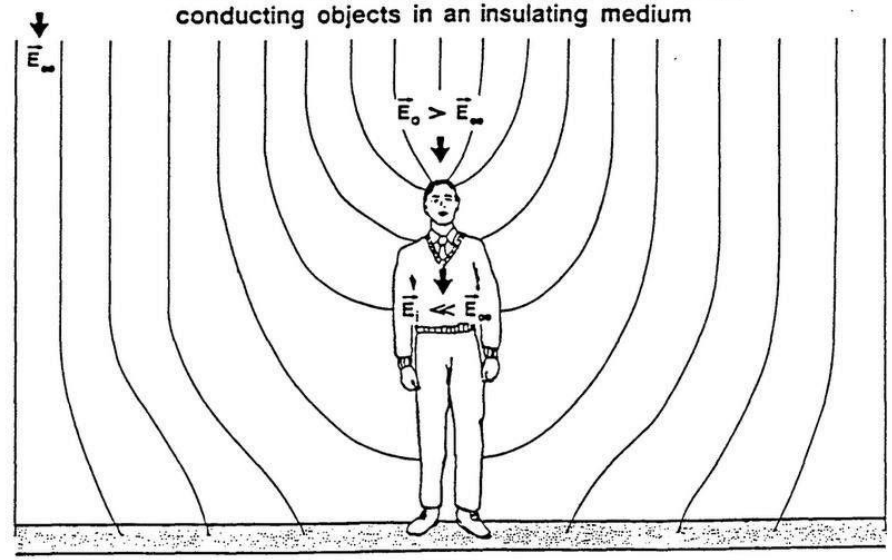


ELF Electric Field Near a Conducting Body

Conductivity of air $\kappa_o \approx 10^{-14}$ S/m

Conductivity of tissues $0.01 < \kappa < 1.5$ S/m

Animals within an ELF field can be modeled as conducting objects in an insulating medium



At body surface, tangential components of $\vec{E}_o$ and E_i are nearly zero, and so the field lines are approximately perpendicular to the body surface.

Figure 2

27. Неионизирующие электромагнитные излучения: понятие, классификация. Механизмы биологического действия электромагнитных полей.

Неионизирующие излучения являются одним из самых мощных экологических факторов, действующих на человека. Это связано со следующими обстоятельствами:

• в силу развития цивилизации, повышения благосостояния населения интенсивность электромагнитного излучения увеличивается в 10 раз каждые 15 лет;

• неионизирующие излучения действуют на все слои общества, включая новорожденных детей, беременных женщин, стариков и больных людей;

• электромагнитное воздействие имеет непрерывный характер, т.е. действует на человека фактически круглосуточно.

Последние годы всю совокупность электромагнитных полей именуют электросмогом.

Электромагнитное поле (ЭМП) — это особая форма материи, посредством которой осуществляется взаимодействие между электрическими заряженными частицами. Физические причины существования электромагнитного поля связаны с тем, что изменяющееся во времени электрическое поле (£) порождает магнитное поле (Н), а изменяющееся магнитное - вихревое электрическое поле: обе компоненты Е и Н, непрерывно изменяясь, возбуждают друг друга. ЭМП неподвижных или равномерно движущихся заряженных частиц неразрывно связано с этими частицами. При ускоренном движении заряженных частиц ЭМП «отрывается» от них и существует независимо в форме электромагнитных волн, не исчезая с устранением источника (например, радиоволны не исчезают и при отсутствии тока в излучившей их антенне).

Method of action

Directed Energy Weapon / Targeted Individual Patents

Patent No.	freq	Wave type	Symptom	Filing Date	Publication I	Invented By	Original Assignee	Descripton
US 6091994 A	1/2hz and 2.4Hz		MK	31-Aug-98	18-Jul-00	Hendricus G. I	Loos, Hendricus G.	Pulsative Manipulation of Central Nervous Systems
US 6488617 B1	1-8hz	M	MK	13-Oct-00	3-Dec-02	Bruce F. Katz	Universal Hedonics	Method and Device for Producing a Desired Brain State via magnetic waves
US 7629918 B2	"RFDE" and radar		location a	15-Dec-05	8-Dec-09	Kenneth W. B	Raytheon Compan	Weapon with integrated targeting system to locate targets. Damages/disrupts electronics, biological entities, and physical structures.
US 6470214 B1	3,500 Hz (probably)		V2k	13-Dec-96	22-Oct-02	James P. O'Lo	United States Air F	Remotely transmits intelligible subjective sound into target consciousness. ("Voice to Skull")
US 3393279			V2K	13-Mar-62	16-Jul-68	G.P. Flanagan	Listening Incorpora	Allows information to be remotely conveyed to subject via electromagnetic waves.
US 3951134	100, 110, 210 MHz		MK	5-Aug-74	20-Apr-76	Robert G. Mal	Dorne & Margolin,	Apparatus and method for remotely monitoring and altering a target's brain waves / central nervous system
US 4395600			MK	26-Nov-80	26-Jul-83	Rene R. Lundy	& David L. Tyler	Subliminal manipulation of subjective emotions via remotely directed audio waves
US 4834701	4-16 Hz		MK	24-Jul-85	30-May-89	Kazumi Masal	Ken Hayashibara	Remote neurological control via sets of low frequency waves beamed at brain
US 4858612 A	microwave spectrum		V2K	19-Dec-83	22-Aug-89	Philip L. Stock	Stocklin Philip L	Transmits sound to auditory cortex of mammals via remotely-applied microwave signals.
US 4877027 A	100-10,000 MHz		V2K	6-Jun-88	31-Oct-89	Wayne B. Bru	Brunkan Wayne B	Transmits sound to auditory cortex of mammals via bursts of remotely applied microwaves.
US 5123899 A	40-80 Hz, two signals	E	MK	17-Jan-91	23-Jun-92	James Gall	James Gall	Alters mood, emotion, sleep states via remotely applied frequencies and wave forms
US 5159703 A	14.5 kHz	E	V2K	28-Dec-89	27-Oct-92	Oliver M. Low	Oliver M. Lowery	Presents subliminal auditory information to the human via remotely applied waves
US 5356368 A	4-212 Hz		MK	1-Mar-91	18-Oct-94	Robert A. Mo	Interstate Industrie	Method of and apparatus for inducing desired states of consciousness
US 6587729 B2			V2K	24-Apr-02	1-Jul-03	James P. O'Lo	US Air Force	Apparatus for audibly communicating speech using the radio frequency hearing effect
US 6052336 A			V2K	1-May-98	18-Apr-00	Austin Lowrey	Lowrey, Iii; Austin	Apparatus and method of broadcasting audible sound using ultrasonic sound as a carrier
US 6011991 A		IR, RF or satelli	RV, MK	7-Dec-98	4-Jan-00	Aris Mardiros	Technology Patent	Remotely identifies individuals by brainwave signature; monitors words, phrases, and thoughts by brain activity
US 5889870 A			Voice	17-Jul-96	30-Mar-99	Elwood G. No	American Technolc	Makes voices emanate from individuals who do not intend or realize it. "Ventriloquist Effect".
US 5507291 A	300-1,000 Hz		RV	5-Apr-94	16-Apr-96	Robert C. Stirl	Stirbl; Robert C., W	Method for remotely determining information relating to a person's emotional state.
US 3393279 A			V2K	13-Mar-62	16-Jul-68	Patrick Flanag	Listening Inc	Remotely cause individual to hear voices via EMF waves - imperceptible to anyone else.
US 3647970 A	50 kHz	E	V2K	29-Aug-68	7-Mar-72	Gillis P Flanag	Gillis P Flanagan	Remotely cause individual to hear voices via EMF waves - imperceptible to anyone else.
US 8579793 B1	0 Hz - 5 kHz		MK	27-Jan-11	12-Nov-13	James David Honeycutt, John Clois Honeycutt, Jr	James David Honeycutt, John Clois Honeycutt, Jr	Controls brain state by placing engineered EMF patterns into the AC wiring of a building.
US 20140309484 A1			MK	24-Jan-14	16-Oct-14	Daniel Wonch	Daniel Wonchul Ch	Induce desired brain state in person by adding waves into a music file
US 6488617 B1		M	MK	13-Oct-00	3-Dec-02	Bruce F. Katz	Universal Hedonics	Monitor and control the brain state of an individual via pulsed magnetic fields aimed at brain
US 6506148 B2	1/2 - 2.4 Hz	E	MK	1-Jun-01	14-Jan-03	Hendricus G. I	Hendricus G. Loos	Manipulation subject brain waves via frequencies emanating from computer and TV screens
US 6487531 B1		M	Voice	6-Jul-99	26-Nov-02	Carol A. Tosaya, John W. Sliwa, Jr	Carol A. Tosaya, John W. Sliwa, Jr	Makes voices emanate from individuals who do not intend or realize it. "Ventriloquist Effect". Also functions for voice-recognition.
US 6426919 B1			Voice	4-Jan-01	30-Jul-02	William A. Ge	William A. Gerosa	Portable, hand-held device for producing humanly audible sounds and voices.
US 6292688 B1			NM	28-Feb-96	18-Sep-01	Richard E. Pat	Advanced Neurote	Method and Apparatus for Analyzing Neurological Response to Emotion-Inducing Stimuli
US 6239705 B1			Loc	19-Apr-00	29-May-01	Jeffrey Glen	Jeffrey Glen	Intra oral electronic tracking device that can be implanted in teeth, dentures, etc.
US 6167304 A			MK	17-Jun-99	26-Dec-00	Hendricus G. I	Loos; Hendricus G.	Remotely manipulates central nervous system of subject by applying electric field to skin
						Gerard D. Bowman, Edward M. Karam,		

US 6135944 A			MK	6-Nov-98	24-Oct-00	Benson	Zebedee Research,	Induce desired brain state via vibrational stimuli, preferably sound
US 8636640 B2			MK	11-Apr-09	15-Oct-09	Daniel Wonch	Daniel Wonchul Ch	Induces a desired brain state via modification of music files.
US 6081744 A	1/2Hz - 2KHz	E	MK	17-Jul-98	27-Jun-00	Hendricus G. I	Loos; Hendricus G.	Manipulates the nervous system of a subject through remotely applied electric fields
US 6017302 A	1/2 - 2.5 Hz	E	MK	31-Oct-97	25-Jan-00	Hendricus G. I	Loos; Hendricus G.	Induces desired emotional state through remote EMFs. E.g., sleepiness, sexual arousal.
US 5935054 A	1/2Hz	M	MK	17-Jun-95	10-Aug-99	Hendricus G. I	Loos; Hendricus G.	Remotely causes subject to feel bodily swaying - i.e., earthquake or "rock the baby" sensation.
US 5899922 A	1/2 - 2.4 Hz	E	MK	14-Nov-97	4-May-99	Hendricus G. I	Loos; Hendricus G.	Induces desired emotional state through remote EMFs. E.g., sleepiness, sexual arousal.
US 5782874 A		E	MK	24-Jan-97	21-Jul-98	Hendricus G. I	Loos; Hendricus G.	Controls emotional state of subject, e.g., sleepiness, sexual arousal, slow mental processes.
US 6006188 A			NM	19-Mar-97	21-Dec-99	Rostislav Bog	Dendrite, Inc	Assesses psychological, physiological characteristics of a subject based on voice characteristics
US5954630 A	2Hz-20Hz		MK	14-Sep-94	21-Sep-99	Kazumi Masal	Ken Hayashibara	Controls human brainwaves by superimposing waves onto audio wave signals
US 5586967 A			MK	27-Jun-94	24-Dec-96	Mark E. Davis	Davis; Mark E.	Controls human brainwaves by superimposing hidden phrases onto music signals
US 5539705 A			MK	27-Oct-94	23-Jul-96	M. Alfred Ake	Martin Marietta En	Transmits hidden speech; reconverts to normal speech signals at intended destination
US 6490480 B1			NM	14-Sep-00	3-Dec-02	Eduard Lerne	Eduard Lerner	Monitors subject neurological condition via EMFs remotely aimed at the skin.
US 5392788 A			MK	3-Feb-93	28-Feb-95	William J. Hu	Hudspeth; William	Reads subject brainwaves and sends stimuli to subject to alter their brainwaves as desired
US 5330414 A			MK	11-Feb-92	19-Jul-94	Mitsuo Yasus	Pioneer Electronic	Controls subject brainwaves by shining a modulated light signal into the subject's eyes.
US 5289438 A			MK	13-Apr-92	22-Feb-94	James Gall	James Gall	Alters subject brain state via application of a variety of wave frequencies and forms.
US 7674224 B2			MK	14-Oct-05	9-Mar-10	Adam Hewett	Vitrepixel Holdings	Controls subject brain state by adding covert frequencies onto a musical composition.
US 5213562 A			MK	25-Apr-90	25-May-93	Robert A. Mo	Interstate Industrie	Controls brain state via modulated audio signals aimed at target subject.
US 5170381 A			MK	22-Nov-89	8-Dec-92	Eldon Taylor,	Eldon Taylor, Woo	Method for superimposing hidden subliminal messaging into audio/music files.
US 5151080 A			MK	28-Aug-90	29-Sep-92	Claus Bick	Claus Bick	Changes the brain state of subjects through electroacoustic means.
US 5135468 A			MK	2-Aug-90	4-Aug-92	Juergen P. Me	Meissner Juergen F	Controls the brain state of a person by applying differing audio signals into each ear.
US 5123899 A			MK	17-Jan-91	23-Jun-92	James Gall	James Gall	Controls the brain state by application of a variety of wave frequencies and forms.
US 4958638 A			PM	30-Jun-88	25-Sep-90	Steven M. Sha	Georgia Tech Rese	Remotely monitors heart rate and perspiration through the use of directed EMFs.
WO 201517487!	60 GHz		PM	15-Apr-15	19-Nov-15	Milan Savić, V	Novelic D.O.O.	Monitors vital signs of subject via remote application of radar waves. Hand-held.
US 2010032441	1-100 GHz		PM	5-Apr-10	23-Dec-10	Darrel D. Drin	Philometron, Inc.	Measures tissue damage of subject via remote application of electromagnetic waves.

US 20130001422 A1			PM	28-Jun-12	3-Jan-13	Gary Dean La	The Procter & Gam	Remote monitoring of the physical condition of a living subject
US 7811234 B2			PM	30-Aug-07	12-Oct-10	William R. Mc	California Institute	Remotely monitors of a subject's physiological health and status, esp., the heart.
US 4924744 A			Voice	9-Aug-88	15-May-90	Kimio Yamam	Hudson Soft Co., Lt	Generates and propagates artificial sound and voice sounds that will be heard by a target.
US 4616261 A			MK	17-Oct-83	7-Oct-86	James R. Craw	Stimutech, Inc.	Superimposes subliminal imaging onto a subject's existing television signal.
US 4395600 A			MK	26-Nov-80	26-Jul-83	Rene R. Lundy	Lundy Rene R, Tyle	Controls mental state of subjects by adding imperceptible subliminal messaging to audio signals.
US 9433789 B2			MK	14-Mar-14	6-Sep-16	Laura Tyler Pe	Micron Devices Llc	Apparatus for remote neural control of subjects via an implanted RF circuit
US 8892208 B2			MK	13-Jun-13	18-Nov-14	Michael P. Fly	Univeristy of Michi	Remotely reads brain waves, sends back response to achieve desired brain state.
US 5788648 A	1-30 Hz		MK	4-Mar-97	4-Aug-98	Eric Tab Nade	Quantum Interfere	Reads subject brain state by sending stimuli and then reading/receiving response
US 7689272 B2			NM	7-Jun-02	30-Mar-10	Lawrence Far	Lawrence Farwell	Reads brain waves to monitor participation in organizations, specific activities, etc
US 20160375220	5-40 Hz		MK	1-Mar-16	29-Dec-16	Joel Steven Gi	Joel Steven Goldbe	Controls human behavior via targeting human brain with ELF (extremely low frequency) EMFs
US 7609001 B2			Disable	6-Dec-06	27-Oct-09	James G. Sma	Raytheon Compan	Device that is able to direct high-power magnetic waves at a target for weapon purposes.
US 4700068 A			Disable	31-Jan-86	13-Oct-87	Frederick J. M	Hughes Aircraft Co	Allows extremely precise aim of particle beams over distances of up to several thousand miles
US 7405834 B1	1 kHz		Aim	15-Feb-06	29-Jul-08	Joseph C. Mar	Lockheed Martin C	Imaging device that improves the aim of directed energy weapons
US 20120274147 A1		M	MK	19-Oct-11	1-Nov-12	Frederick P. S	Alliant Techsystem	Technique for wireless transmission of magnetic waves for use w/ energy weapons
US 8049173 B1		E	Multi	17-May-07	1-Nov-11	Kenneth W. B	Raytheon Compan	Combination RF directed energy weapon and imaging (visual monitoring) tool
US 2860627 A			MK	26-Mar-53	18-Nov-58	Charles M Har	Charles M Harden,	Reads subject brain waves by applying light stimulation to brain and reading response.
US 2995633 A			V2K	25-Sep-58	8-Aug-61	Lawrence Jose	Lawrence Joseph L	Causes subject to hear audible sounds by transmitting electrical (inaudible) waves at face
US 3566347 A			MK	27-Apr-67	23-Feb-71	Andrew E Flar	Gen Dynamics Cor	A system for producing aural psychological disturbances and partial deafness in the enemy.
US 20020002464 A1			NM	31-Aug-99	3-Jan-02	Valery A. Petr	Valery A. Petrushin	A system for monitoring emotions by listening to a conversation between at least two persons.
US 8965770 B2			NM	29-Mar-11	24-Feb-15	Valery A. Petr	Accenture Global S	A system for detecting emotion in voice signals by monitoring phone conversations.
US 7282727 B2			MK	23-Oct-13	13-May-14	Todd Eisenbe	Genesis Illuminatio	Psychologically/physically incapacitates subject via the remote application of pulsed light.
US 6559769 B2			NM	7-Dec-01	6-May-03	Eric Anthony,	Eric Anthony, Jose	Monitoring system comprised of microprocessors installed in vehicles, personal property and homes to continually monitor and determine undesi
US 6873261 B2			NM	17-Jan-03	29-Mar-05	Eric Anthony,	Eric Anthony, Jose	Monitos and determines undesirable behavior in humans via wireless microprocessors in vehicles, personal property and homes
US 20080282817 A1			Locate	26-Oct-07	20-Nov-08	David S. Bree	Intelligent Tech Int	Remotely monitors & uploads presence / movement of human occupants in vehicles
US 5653462 A	144 MHz	E	Locate	21-Jul-95	5-Aug-97	David S. Bree	Automotive Techn	Monitors occupant position in vehicles via ultrasonic/microwave sensor
US 8362884 B2			Battery	16-Feb-11	29-Jan-13	Robert T. Dug	Rolls-Royce North	Power system. Maintains directed energy weapons in ready state (avoiding power down)
US 20120104282 A1			Aim	29-May-09	3-May-12	James R. Galli	Gallivan James R	Target-tracking system for use with hand-held directed energy weapons.
US 20090193344 A1			NM	24-Jan-08	30-Jul-09	Scott Smyers	Sony Corporation	Method of monitoring community mood by remotely analyzing voice, text, and biometrics
US 20090257555 A1			Locate	10-Feb-09	15-Oct-09	Alex Chalmers	American Science /	X-ray inspection trailer that can sense the presence of humans within a structure.
US 8194822 B2			Locate	28-Sep-10	5-Jun-12	Peter Rothsch	American Science /	X-ray inspection device that can sense the presence of humans within a structure.
US 5551879 A	1Hz-500Hz		MK					Dream alteration
US5954630 A	2Hz-20Hz		V2K	16-Jun-05				
US 5330414 A	4Hz-30Hz		MK	13-Jun-05				
US 3951134 A	10MHz - 210MHz	E	MK	27-May-05				
EP 2113063 A1	95GHz			1-Jul-05				Affects tissues to depth of 0.5mm: blood vessels, nerves, glands
	3.5Hz - 3kHz		V2K					

Acronym	Full Designator	Freq Range	Applications
ULF	(Ultra-Low Frequencies)	3 - 30 Hz	
ELF	(Extremely Low Frequencies)	30 - 300 Hz	Navy strategic communications
VF	(Voice Frequencies)	300 - 3000 Hz	
VLF	(Very-Low Frequencies)	3 kHz - 30 kHz	Navy strategic communications
LF	(Low Frequencies)	30 kHz - 300 kHz	Navy Comm, Navigation (NDBs)
MF	(Medium Frequencies)	300 kHz - 3 MHz	Navigation (NDBs), AM Broadcast
HF	(High Frequencies)	3 MHz - 30 MHz	Short Wave, Ham Radio, Intl Broadcast
VHF	(Very-High Frequencies)	30 MHz - 300 MHz	FM Broadcast, Television, Police/Fire
UHF	(Ultra-High Frequencies)	300 MHz - 3 GHz	Satellite, GPS, Cell Phone, Television
SHF	(Super-High Frequencies)	3 GHz - 30 GHz	Satellite Comm and Broadcast
EHF	(Extremely High Frequencies)	30 GHz - 300 GHz	Satellite Comm

Helpful Patents for Targets

USP # 6,430,443	august, 2002	helps to eliminate auditory hallucinations
USP 5562597	1-Oct-96	uses electrical stimulation of a crystal and it's supposed to reduce stress
US 7297100 B2		Device for magnetic and electric field shielding
WO 1995005128 A1		Protection of living systems from electromagnetic fields
US 20140039821 A1		Methods of scanning, analyzing and identifying electromagnetic field sources

US 20200275874A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2020/0275874 A1**

LI (43) **Pub. Date: Sep. 3, 2020**

(54) **METHODS AND AUTOMATIC SYSTEM TO IDENTIFY WHO IS VICTIMS OF ABUSE VOICE TO SKULL & REMOTE NEURAL MONITORING TECHNOLOGY AND IDENTIFY WHO IS REMOTE ATTACKER OR OPERATOR USING DEVICE OF VOICE TO SKULL & REMOTE NEURAL MONITORING**

(71) Applicant: **Da LI**, West Covina, CA (US)

(72) Inventor: **Da LI**, West Covina, CA (US)

(21) Appl. No.: **16/558,040**

(22) Filed: **Aug. 31, 2019**

Related U.S. Application Data

(60) Provisional application No. 62/812,915, filed on Mar. 1, 2019.

Publication Classification

(51) **Int. Cl.**

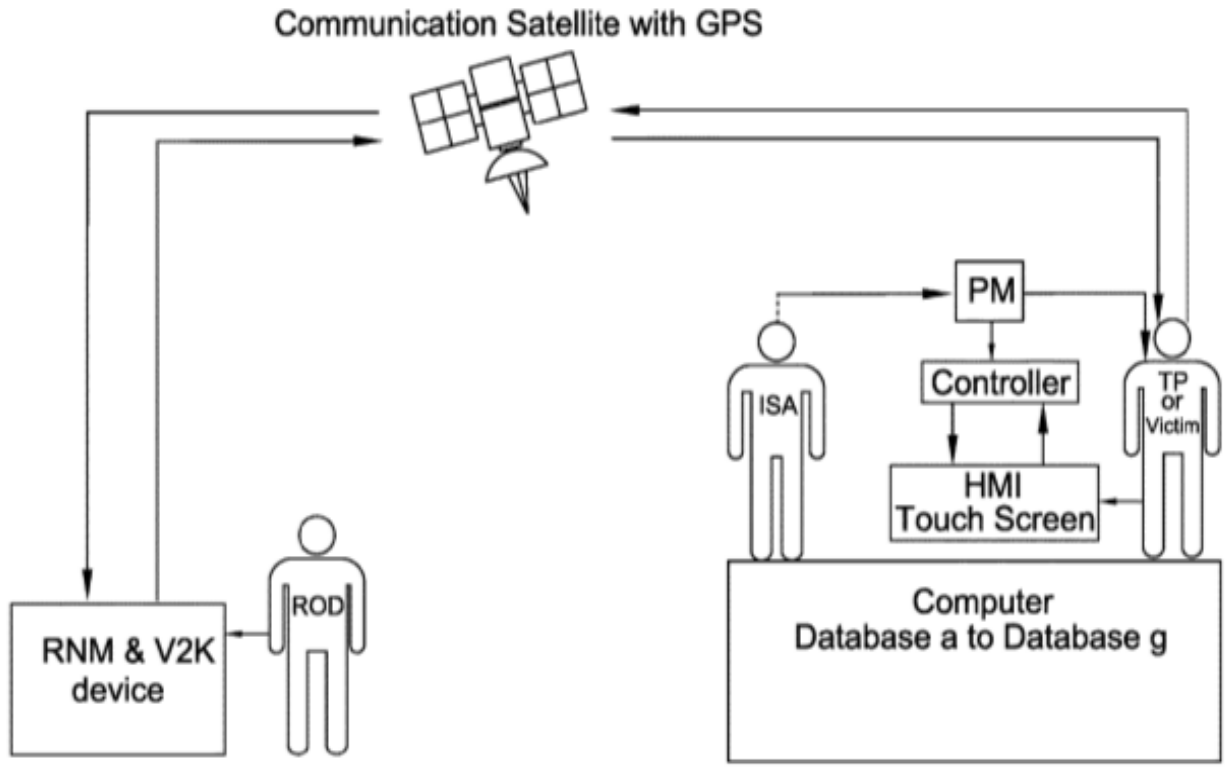
A61B 5/16	(2006.01)
A61B 5/00	(2006.01)

(52) **U.S. Cl.**

CPC ***A61B 5/165*** (2013.01); ***A61B 5/0006*** (2013.01); ***A61B 5/0022*** (2013.01); ***A61B 5/164*** (2013.01)

(57) **ABSTRACT**

A method to identify victim of abuse and remote operator using voice to skull and remote neural monitoring, comprising the steps of: using a database in a computer consisting of one or more of disgusting items, funny items, anti-political trend and anti-religious belief items, countries and races items, foreign clubs or organizations items, languages and dialects items, and scientific knowledge items, tested person selecting one item which only causes the remote operator to have psychological response and does not cause the tested person to have psychological response, instructing the tested person to launch imaginary psychological attack, assigning test questions based on the imaginary psychological attack and obtaining answers from the tested person in response to the test questions, then using polygraph meter to analysis the answers and assigning true or false status to the answers.



US006470214B1

(12) **United States Patent**
O'Loughlin et al.

(10) **Patent No.: US 6,470,214 B1**
(45) **Date of Patent: Oct. 22, 2002**

(54) **METHOD AND DEVICE FOR IMPLEMENTING THE RADIO FREQUENCY HEARING EFFECT**

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(52) **U.S. Cl.** **607/56**; 128/898
(58) **Field of Search** 607/55, 56; 600/559, 600/23, 586; 128/897, 898

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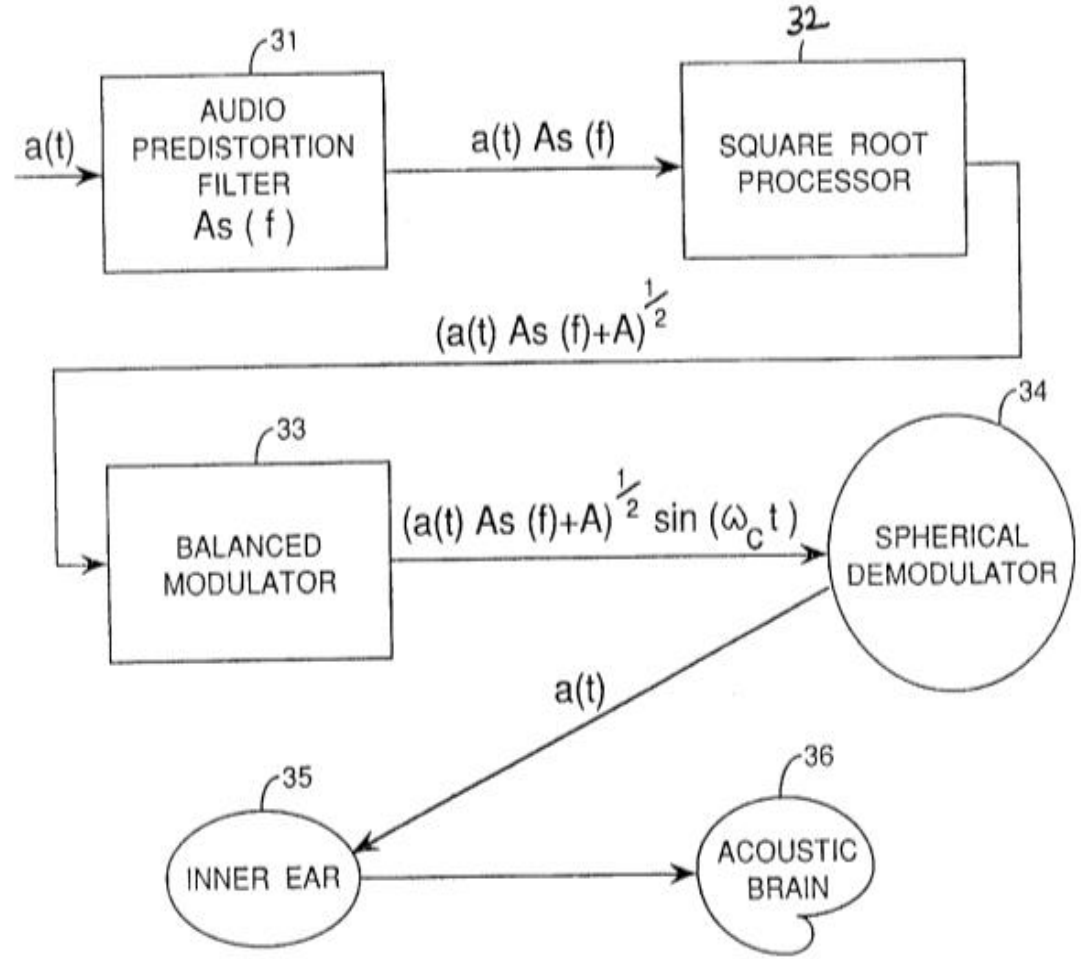
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(57) **ABSTRACT**

A modulation process with a fully suppressed carrier and input preprocessor filtering to produce an encoded output; for amplitude modulation (AM) and audio speech preprocessor filtering, intelligible subjective sound is produced when the encoded signal is demodulated using the RF Hearing Effect. Suitable forms of carrier suppressed modulation include single sideband (SSB) and carrier suppressed amplitude modulation (CSAM), with both sidebands present.

3 Claims, 3 Drawing Sheets



July 16, 1968 G. P. FLANAGAN 3,393,279

NERVOUS SYSTEM EXCITATION DEVICE

Filed March 13, 1962 2 Sheets-Sheet 1

FIG.1.

