



# EMR Aware

## **Electromagnetic Radiation - Concerns and Informed Choices**

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## **Newsletter November - December 2017**

This free newsletter is published by EMR Aware, a citizens' group based in Northern NSW Australia. It contains information on the health, environmental, and social impacts of modern electro-technologies. This is offered in the public interest to encourage a fair and balanced discussion of the topics at hand. Particular attention is paid to material that may not be made widely available by industry and their

Government regulators.

We invite readers to consider the scientific evidence and trending opinion throughout this, and our prior, newsletters. There seems little doubt a tobacco-style cover-up of the adverse effects of EMR is underway by those reliant upon its profitability or surveillance potential. You can help redress this situation by forwarding a link to this web page to as many interested persons, organisations, and social media networks as possible.

Over time, web content may disappear or move. If you encounter a broken link, try a search using the article's title. Alternatively, you may access similar information via the hosting website's home page. Anyone wishing to be notified when new editions of our newsletter become available is invited to send an [email](#) with the word "subscribe" in the subject line.

## **Mobile and Cordless Phones**





*Blind to each other. Genuine connection is about being present.*

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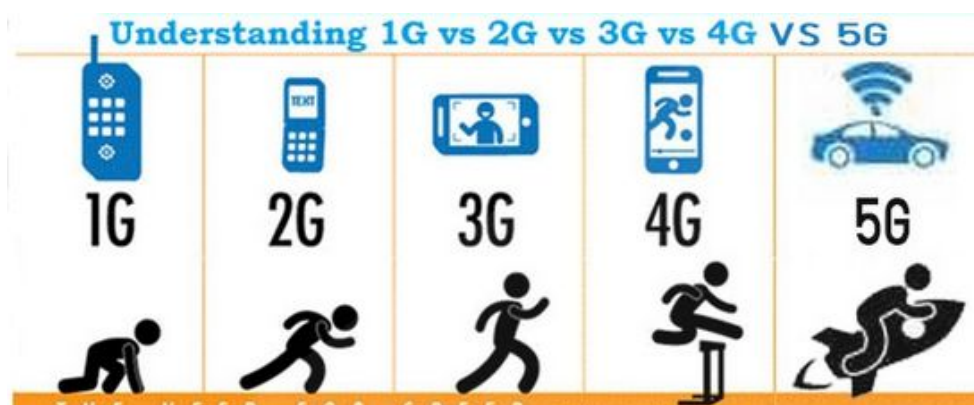
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## 5G and Millimeter Waves





*Confusing speed with progress.*

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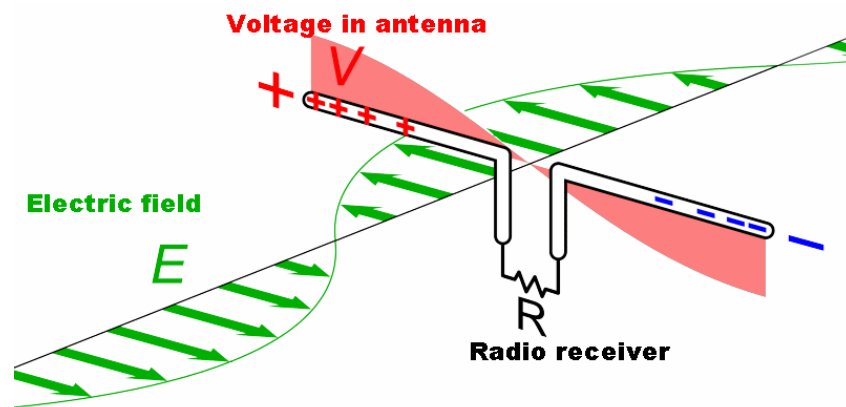
## **Microwave Towers**

# Phone, National Broadband, Radio, TV



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## **Wi-Fi, Bluetooth**

**Home, Business, Hotspots**



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## **Smart Grid**

### **Metering, Privacy and the Internet**



## of Things



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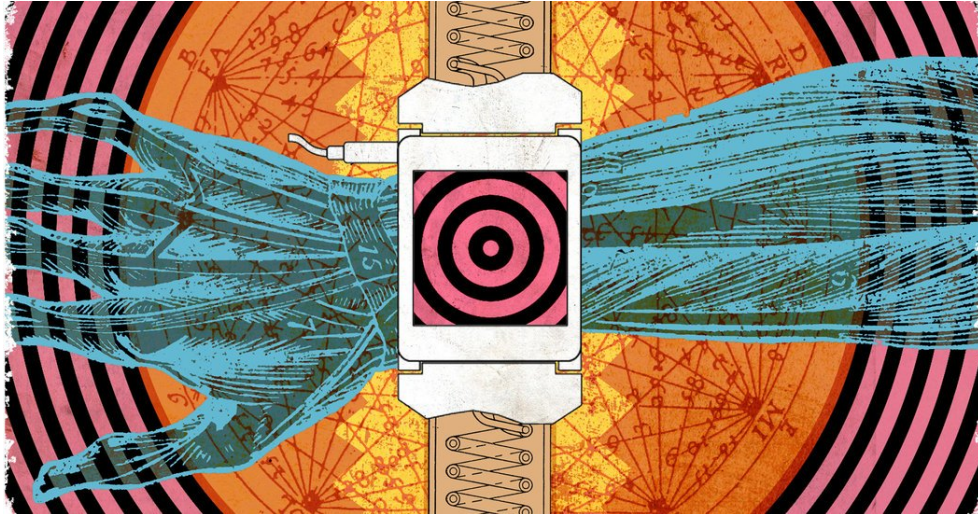
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## **Wearable Technology**

**Biometrics, Implants, Virtual Reality**



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## **Mains Radiation, ELF**

### **Power Grid, Appliances, Lighting**



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### **Motor Vehicles, Aircraft, Satellites**

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[cid=58caa11b76fd9&utm\\_campaign=VT\\_IE-model-D&utm\\_source=taboola&utm\\_medium=rt-rtcom&utm\\_term=Vehicle+Trackers+Are+Blowing+Up+In+Kildare&utm\\_content=https%3A%2F%2Fconsole.brax-](http://info.expertmarket.com/brilliant-irish-vehicle-trackers1?cid=58caa11b76fd9&utm_campaign=VT_IE-model-D&utm_source=taboola&utm_medium=rt-rtcom&utm_term=Vehicle+Trackers+Are+Blowing+Up+In+Kildare&utm_content=https%3A%2F%2Fconsole.brax-cdn.com%2Fcreatives%2F44dd7285-cd6a-4a0f-9085-8137587509a3%2FVT_model_2_8b10fd9400aa45ca694afacb93630ba2.600x500.png&nwid=VTIEmodel)

[D&utm\\_source=taboola&utm\\_medium=rt-rtcom&utm\\_term=Vehicle+Trackers+Are+Blowing+Up+In+Kildare&utm\\_content=https%3A%2F%2Fconsole.brax-](http://info.expertmarket.com/brilliant-irish-vehicle-trackers1?cid=58caa11b76fd9&utm_campaign=VT_IE-model-D&utm_source=taboola&utm_medium=rt-rtcom&utm_term=Vehicle+Trackers+Are+Blowing+Up+In+Kildare&utm_content=https%3A%2F%2Fconsole.brax-cdn.com%2Fcreatives%2F44dd7285-cd6a-4a0f-9085-8137587509a3%2FVT_model_2_8b10fd9400aa45ca694afacb93630ba2.600x500.png&nwid=VTIEmodel)

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[cd6a-4a0f-9085-8137587509a3%2FVT\\_model\\_2\\_8b10fd9400aa45ca694afacb93630ba2.600x500.png&nwid=VTIEmodel](http://info.expertmarket.com/brilliant-irish-vehicle-trackers1?cid=58caa11b76fd9&utm_campaign=VT_IE-model-D&utm_source=taboola&utm_medium=rt-rtcom&utm_term=Vehicle+Trackers+Are+Blowing+Up+In+Kildare&utm_content=https%3A%2F%2Fconsole.brax-cdn.com%2Fcreatives%2F44dd7285-cd6a-4a0f-9085-8137587509a3%2FVT_model_2_8b10fd9400aa45ca694afacb93630ba2.600x500.png&nwid=VTIEmodel)



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*and everyone within each is subjected to all included transmissions.*

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## Biological Mechanisms

Find Search Summary Totals					
Peer Reviewed Studies Showing Biological Effects			Number of records used : <b>1398</b> of <b>2545</b>		
Auditory Dysfunction / Hearing loss / Tinnitus	32	Apoptosis (Programmed Cell Death)	93	Brain Tumours	44
Blood Brain Barrier Permeability Changes	15	Breast Cancer	13	Cellular Stress	60
Brain Development / Neuro Degeneration	38	Biochemical Changes	331	EEG changes / Brain Waves	93
Neuro Behavioural Effect / Cognitive Effects	169	Cell Irregularities/ Damage/ Morphological Changes	185	Effects on Mitochondria	31
Calcium Influx / Efflux	24	Fatigue	41	Altered Enzyme Activity / Protein Levels / Protein Damage	365
Circadian Rhythm Disruption	12	Altered Gene Expression	141	Headaches/Migraines	57

DNA Damage / Mutagenic / Genotoxic	140	Altered Glucose Level / Glucose Metabolism	21	Inflammation	23
Endocrine / Hormone Effects	66	Cardiovascular/Vascular Effects	69	Hepatic Effects (Liver)	25
Miscarriage / Spontaneous Abortion / Foetus Resorption	7	Immune System Effects	70	Impaired / Reduced Healing/ Bone Density Changes	3
Memory Impairment	65	Oxidative Stress / ROS/ Free Radicals	268	Speech Impairment	4
Sperm /Testicular Effects	82	Sleep Effects	58	Haematological Effects	54
Tumour Promotion	35	Neurotransmitter Effects	30	Synergistic/Combinative Effects	52
Thyroid Effects	13	Visual Disturbances/ Ocular Effects	40	Autism	8
Leukemia	14	Parotid Gland Malignancy	4	Neoplasia/ Hyperplasia (Abnormal Tissue Growth)	3
Depression	23	Induced Adaptive Response	53	Dizziness / Vertigo / Vestibular Effects	23

**Continue**

***A sampling of bio-effects attributed to exposure to electromagnetic radiation (ORSAA database).***

**EMF Pollution and Chronic Disease - The Untold Truth Exposed. <https://www.naturalnews.com/2017-09-27-emf-pollution-5g.html>**

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**Ten Gigahertz Microwave Radiation Impairs Spatial Memory, Enzymes Activity, and Histopathology of Developing Mice Brain. <https://www.ncbi.nlm.nih.gov/pubmed/28470342>**

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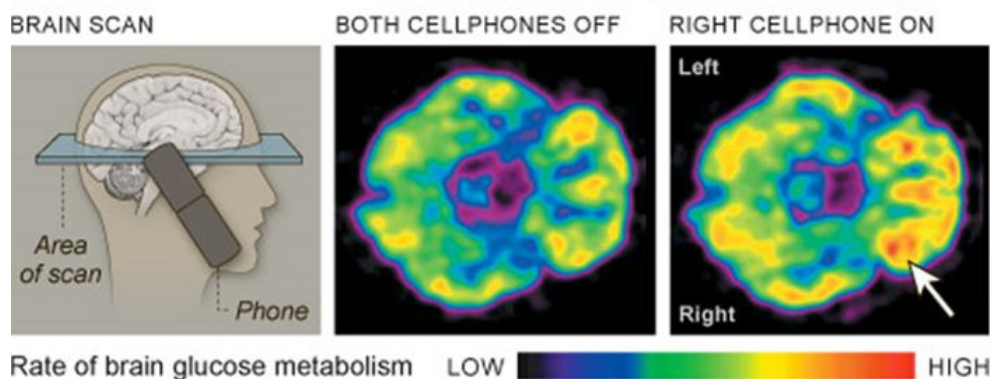
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### Brain and Behaviour Modification



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**Sugar for the Brain: The Role of Glucose in Physiological and Pathological Brain Function.** <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3900881/pdf/nihms-510105.pdf>

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**20/20 Examines Severe Addictions to Digital Devices - MRI Reveals Impacts on the Brain.** <http://abc.go.com/shows/2020/episode-guide/2017-05/19-05191-Digital-Addiction>

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**Apps Because They Are Too Addictive and Says Notifications Are Taking Over People's Lives. <http://www.dailymail.co.uk/sciencetech/article-4955302/Creator-Facebook-Like-bans-using-apps.html>**

**Induced anxiety works on robots too. Messing with Robots' Self-confidence Could Prevent the AI Apocalypse. <http://bgr.com/2017/06/07/science-news-robot-self-confidence/>**

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**Your Phone Is a Dopamine Pump. Digital**

**Addiction: How Half the Developed World Got Hooked on the Internet. [https://www.youtube.com/watch?v=NMq\\_MyOFtW8](https://www.youtube.com/watch?v=NMq_MyOFtW8)**

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### **Product Defense, Liability, Legal Action**

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opponents-cry-foul?platform=hootsuite](http://chicagotonight.wttw.com/2017/07/12/att-looks-forward-end-landlines-illinois-opponents-cry-foul?platform=hootsuite)**

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**EMR Countermeasures**

# Personal Precautions, EMR Monitoring

**Radio and Microwave Impacts on Human Health: The Role of the Family Physician.**

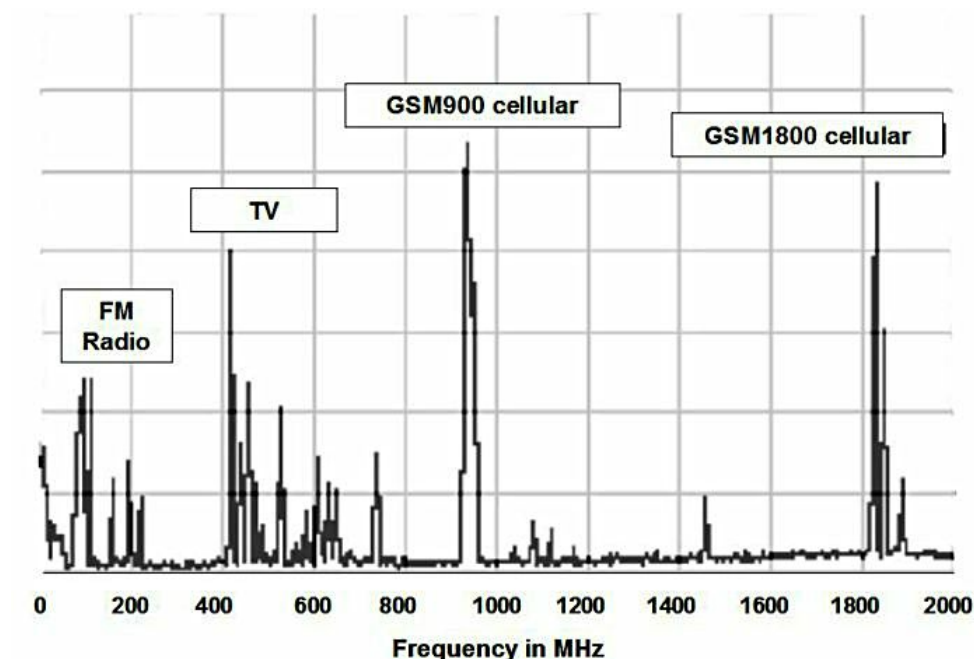
<http://ocfp.on.ca/tools/environmental-health-update/radio-and-microwave-impacts-on-human-health-the-role-of-the-family-physician>

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**General Events,**

# Networking

**Notice of liability to the EMR cartel.**

**InPower Movement: Taking Back Our Power.** [\*\*https://www.indiegogo.com/projects/inpower-movement-taking-back-our-power-health# /\*\*](https://www.indiegogo.com/projects/inpower-movement-taking-back-our-power-health#/)

**InPower Episode #1: A Mass Action of Liability (2017).** [\*\*https://\*\*](https://www.youtube.com/watch?v=NtIYFCjUTSo)

[\*\*www.youtube.com/watch?v=NtIYFCjUTSo\*\*](https://www.youtube.com/watch?v=NtIYFCjUTSo)

**Petition to Parliament of Australia to disallow installation of mobile base stations on utility poles without Local Council approval.** [\*\*https://www.aph.gov.au/Parliamentary\\_Business/Petitions/House\\_of\\_Representatives\\_Petitions/Petitions\\_General/Petitions\\_List?id=EN0323\*\*](https://www.aph.gov.au/Parliamentary_Business/Petitions/House_of_Representatives_Petitions/Petitions_General/Petitions_List?id=EN0323)

**EMF Warriors. EMF Library.** [\*\*https://www.emfwarriors.com/library/\*\*](https://www.emfwarriors.com/library/)

**A new book on EMR bio-effects. The Invisible Rainbow.** [\*\*http://www.cellphonetaskforce.org/?page\\_id=1427\*\*](http://www.cellphonetaskforce.org/?page_id=1427)

**Oceania Radiofrequency Scientific Advisory Association - News Room.** [\*\*http://www.orsaa.org/latest-news\*\*](http://www.orsaa.org/latest-news)

**Physicians for Safe technology.** [\*\*https://\*\*](https://)

[mdsafetech.wordpress.com/mission-vision-goals/](http://mdsafetech.wordpress.com/mission-vision-goals/)

## Free DVD - Read the Science



**This DVD is available free-of-charge to readers seeking a resource comprised entirely of peer-reviewed science on the adverse effects of EMR. It contains over 1,600 categorised articles and abstracts in PDF format. The same material and more can also be viewed and downloaded online at our [Scientific Evidence](#) page.**

### Notice

**If you are an employee or agent of a public or private corporation that deals with electrotechnology and/or policy related to same, please be advised that the EMR Aware Newsletter and linked documents are deemed to constitute duly served Legal Notice upon you personally of health and safety matters pertaining to human**



**exposure to electromagnetic radiation (EMR), and additionally that you are hereby requested to peruse said Newsletter and linked documents, and exercise in accord with the content of same the utmost due diligence and duty of care.**

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