

Healthy Bio Solutions



*"Look deep into nature,
and then you will
understand everything
better."*

~Albert Einstein



"Studies show the very damaging effects between EM Fields and diseases such as cancer, leukemia, Alzheimer's, Heart Disease, and others. Even in childhood development issues and hormone malfunction."

*~Howard W. Fisher, MD, Author; The Invisible Threat:
The Risks Associated with EMFs*

Disclaimer

The information presented is expressly intended for educational purposes only and are the opinion of the speaker(s). The following statements have not been approved by the FDA and do not claim to treat or diagnose any disease. The information that follows should not be construed as a claim or representation that any product or procedure mentioned constitutes a specific cure, palliative or ameliorative, for any condition. It is the sole responsibility of the Professional using this information to determine if what is outlined herein is appropriate for his or her purpose.



EMFs - 5 Areas to Look At

- Dirty Electricity
 - These frequencies piggyback on the electrical wiring and radiate into your living environment.
- AC Electric Fields –
 - Electric fields are created by the electricity moving throughout the home, office or business in the walls, water pipes or other means of travel.
 - Electric fields can reach up to 6 feet from walls, creating electromagnetic smog.
- AC Magnetic Fields –
 - Low Frequency Polluters: power lines, electrical wiring, and transformers.
 - High Frequency Polluters: energy efficient appliances, fluorescent lighting, dimmer switches, TV and computer, monitors, razor, hairdryers, lamp & alarm clock, and wrist watch.
- Radio Frequency (RF)
 - Known as wireless or microwave radiation. Electromagnetic radiation – frequency range is 3KHz – 300GHz
 - Detection for wireless devices, hidden cameras, cell phone, and electrical meters.
- Geopathic Stress
 - Underground Curry Lines, faults and water streams, can cause sleep and health issues.



What is Dirty Electricity?

Dirty electricity (DE), also known as dirty mains, dirty power, or electrical pollution, is a term that describes the problem of electromagnetic noise on the mains wiring of a house.

DE consists of high frequency "electrical noise" of 1000 Hz (1 kHz) and upwards that has become superimposed on your wires.

Recent 'innovations' that greatly increase the levels in our houses include CFL low energy fluorescent lights, induction cooking and especially most solar panel installations.

DE occupies a part of the spectrum in-between the power frequency fields created by power lines and substations, and the microwaves produced by mobile phone masts and other wireless devices.

Dirty Electricity can travel into your house on the local electricity supply and it will also be generated by some devices in your home.



Common Sources of Dirty Electricity

- Light dimmer switches
- Fluorescent light bulbs and tubes
- Computers and laptops
- Printers and scanners
- Televisions
- Music Entertainment Systems
- Video game systems
- Cordless phone systems
- SMART meters and appliances
- Wi-Fi routers and modems
- Battery charging devices for cell phones, tablets, etc.
- Microwave Ovens
- Blenders and mixers
- Hair Dryers
- Multi-Speed Fans
- Solar power systems



Smart/Advance Meter

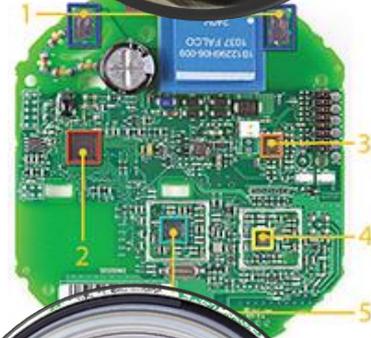
Non-Communicating Digital Meter



Smart Meter/Digital Meter

About Advanced Meters:

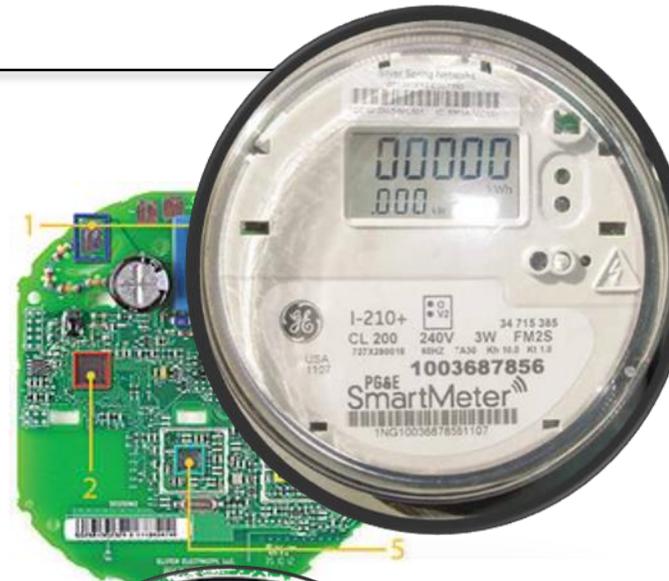
1. They are Computerized electric meters that transmit electricity and gas usage to the utility using radio-frequency (RF) communication.
2. These are the same waves that cell phones emit, but smart meters broadcast 24/7 at a power density 100 to 160 times that of a cell phone.
3. Changed the name to Advanced Meters ever since the started making people sick.
4. They record your electrical usage in fine detail. Because of this, smart meters generate dirty electricity (line noise), which is as harmful to health as the wireless radiation the meters emit.
5. Digital meters are causing the same health problems as the smart meter, because of the dirty electricity they generate.



Smart Meter/Digital Meter

The electromagnetic frequencies generated by smart meters harm the health of humans, animals, and insects (including bees) by:

1. Interrupting cellular communication
2. Promotes stress hormone production
3. Disrupting many other biological processes in the body.



Why do smart meters cause such a vast array of health effects?

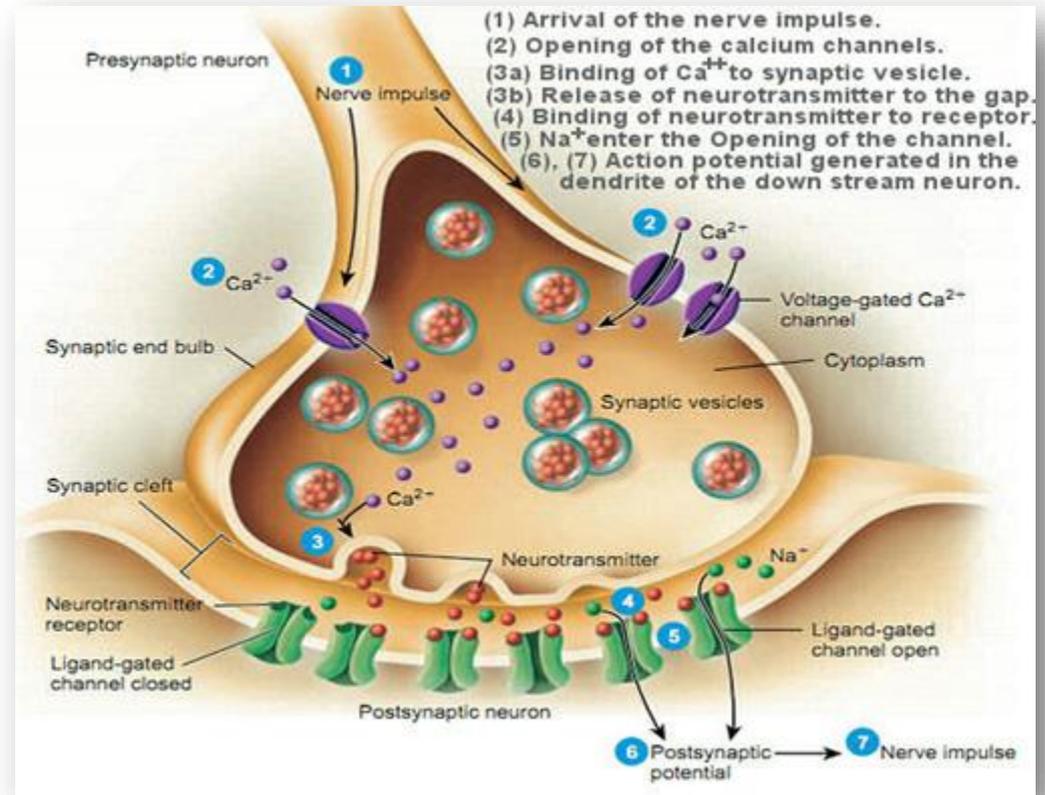
The effect of EMFs on calcium can explain the vast majority of health effects.

1. An excess calcium causes the transmission of unnecessary nerve signals. This accounts for things like heart palpitations, insomnia, and anxiety, and ADD.
2. Calcium plays a critical role in the transmission of nerve signals.
3. Secondly because calcium is the glue that holds the cell walls together.
4. EMFs can easily knock the calcium ions off the cell membrane



Have you ever wondered why we have seen such a huge climb in the rate of Alzheimer's, dementia, and Parkinson's disease?

When calcium is pulled off the cell wall, the cell membrane is weakened—the cell becomes leaky. Leaky cell walls cause the blood-brain barrier is breached. **The blood-brain barrier protects our brain from toxins.** A leaky blood-brain barrier is partly responsible for diseases like Alzheimer's, dementia, and Parkinson's.



Smart Meter/Digital Meter

Each meter is transmitting in *millisecond* blasts 24/7. There are 1000 milliseconds in a second. You are being bombarded every half second to every few seconds with smart meter radiation. And actually even more, because it's not just your smart meter that's transmitting. Multiple 190,000 by the number of meters in a 2-mile radius—thousands if you live in a city—and you have a realistic picture of how many radiation pulses your body is really experiencing.

Your body experiences every single hit.



Smart Meter Education Network

- Based on the National Electrical Code WAC-296-46B-010 these digital meters do not comply with the National Electrical Code, **they are illegal.**
- None of the meters provide **grounding or surge protection** for the customer's equipment.
- A **circuit board** does not belong inside an electric meter. It's too fragile.
- The World Health Organization ruled in 2011 the electromagnetic radiation is a **class 2b possible carcinogen.**
- Electronic meters introduce conductive emissions in excess of required FCC Class B Specification and are not compatible with existing **electrical systems and appliances.**
- **The additional costs:**
 - Homeowner's insurance increase.
 - The Electronic meters measure in voltage and amperage peaks and use an unknown algorithm to make an estimated conversion of the peaks in to watt hours. These calculations can be wrong, especially when the customer has various machines which turn off and on frequently and make big voltage draws. This can result in artificially high watt hours reports and higher billings. Electronic meters perform differently in hotter, colder, dryer, and wetter conditions. The digital meter is an electrical device, it consumes electricity constantly in order to operate. The amount used is not known, but it is not zero. Electronic meters lack a path to ground. T
 - They contain an inferior surge protection in the form of a varistor, which is protective only up to 300 volts. They catch fire.





This picture represents the incorrect notion most people have about microwave transmission from smart meters. Smart meters are in fact emitting radiation 24/7 for 2 or more miles.

The picture below shows you what it's really like. Each one of these circles (globes) you see on this picture is pulsing in millisecond blasts. If people could see this—if it were like smoke, or smog—we'd be cleaning it up right away!

Let's take a moment to learn about collector meters, meter chatter, and mesh networks because they have important implications for health. As we mentioned, smart meters send information (data on your electricity usage) to the utility about 6 times a day. However, the meters are chattering with (talking to) one another constantly, comprising what is known as a *mesh network*. It is this "chatter" (incessant signaling) that accounts for the 9,600 to 190,000 transmissions per day.



Smart Meter/Digital Meter

The meters send their data to a *collector meter*—which is mounted on someone’s home—by passing it meter to meter.

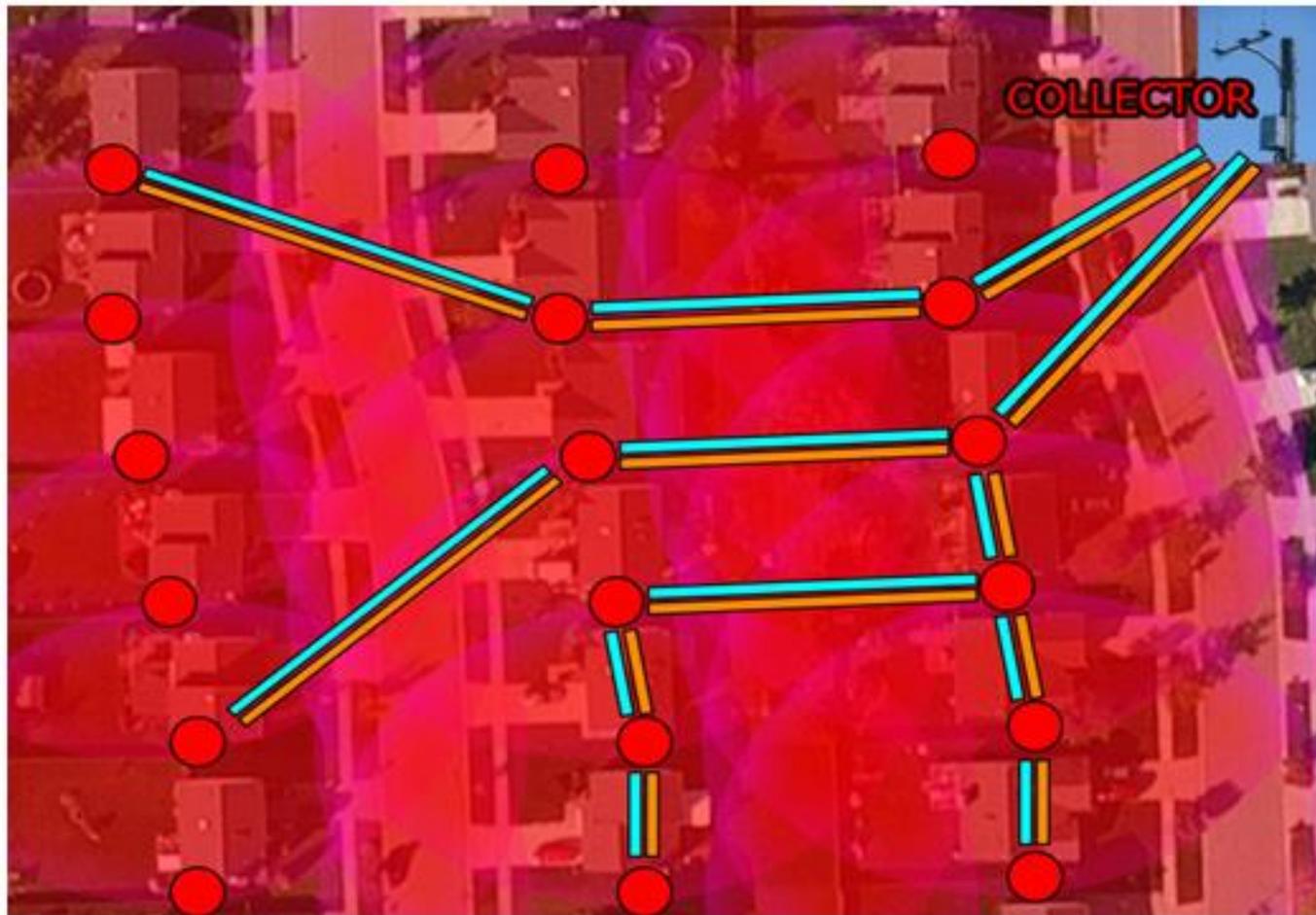


The collector meter gathers all the data in the area and sends it to a *data collection unit*, which is often mounted on a telephone pole.

The closer your meter is to the collector, the more transmissions—pulses of radiation—you are receiving each day.

Keep in mind, the meters are chattering with one another constantly. And not just with one meter—with multiple.

So there are transmissions far and beyond what is represented in the picture—a *single* transmission could actually consist of 80 queries. Multiply that by 40 or so meters, and you have 3200 “single” transmissions. Multiply that by 190,000.



Smart meter electromog, represented by the large red circles. The small circles represent meters. Many houses have more than one electric meter, in addition to smart gas and water meters, as well as Wi-Fi.

Analog Meter

1. Analog meters do not require electricity to run.
2. That makes them much more energy-saving than a smart meter.
3. They do not turn the entire home electrical system into an antenna and thus do not expose occupants to unwanted electromagnetic radiation.
4. Analog meters can't be hacked.
5. Analog meters do not generate harmful dirty electricity, unlike most—or perhaps all—digital meters.
6. They contain spark gap surge protection. They do not catch fire,
7. they are Grounded!



Smart Meter Education Network

Supporting the Fight Against Smart Meters for
Your Health, Privacy, and the Environment



Contact Us

Subscribe to Our Newsletter

The Issues: Health, Privacy, Costs, Fires, Environment

Smart Meters 101

Opt-Out Facts

Replacing Your Smart Meter

Keep the Meter Off Your Home

Dirty Electricity: Harm from Smart & Opt-Out Meters

How to Help: Take Action Now!

Dirty Electricity

It's Not Just Wireless That's Causing Health Problems

*For information on a **filter that reduces dirty electricity by 90% and has been a godsend for many people with electromagnetic hypersensitivity**, call the director of the Smart Meter Education Network, Linda Kurtz, at **769-4241 (area code 734)**. A phone call is best, as you can discuss your individual situation with Linda, but you can also email her at SmartMeterEducationNetwork@gmail.com.*

This filter mitigates dirty electricity from smart meters, solar systems, PLC analog meters (power line over cable), TWACs, generators, and inverters.

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[Flyers & Petitions](#)

[Respond to DTE Letters](#)

[Consumers Energy](#)



www.TakeBackYourPower.net

DARKFIELD MICROSCOPY

After Exposure to 'Smart' Meter



Heating is the main biological effect of the electromagnetic fields of radiofrequency fields.

INPOWER
inpowermovement.com

SUBJECT 1

- TIME: 2 MINUTES
- DISTANCE: 1 FOOT

Cell Wall Broken -
Mutation

SUBJECT 2

- TIME: 2 MINUTES
- DISTANCE: 1 FOOT

Bottle Cap Formation
happens when
Exposure to Free Radicals

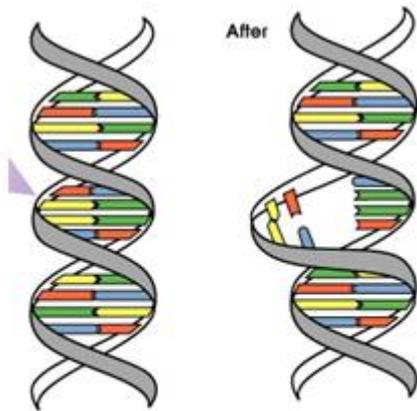
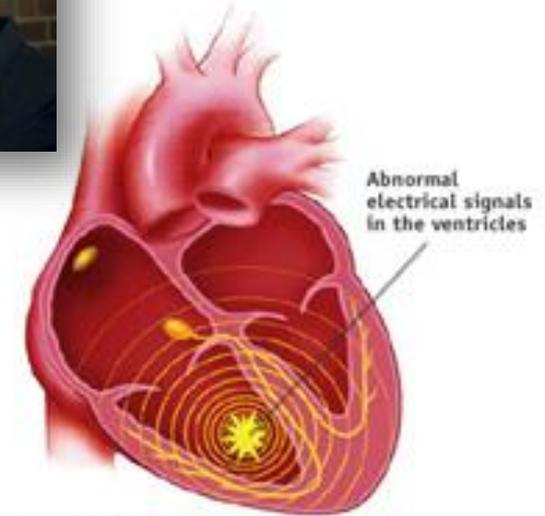
SUBJECT 3

- TIME: 45 SECONDS
- DISTANCE: 1 FOOT

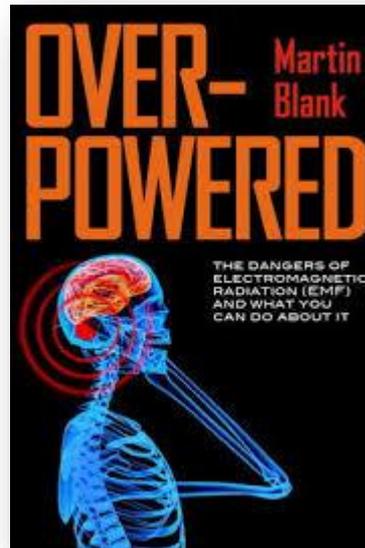
Phenomenon called
Rouleaux when the red
blood cells stacking up
cannot deliver oxygen.
1st sign is a headache

Martin Blank, Ph.D, of Columbia University

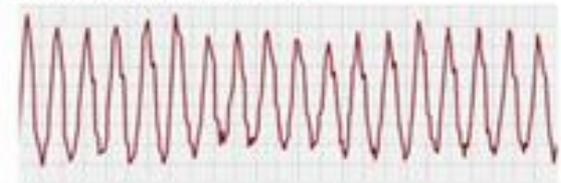
Blank's research looks at how electromagnetic fields break DNA bonds. This is a precursor to cancer. Both radiofrequency and the pulsed electromagnetic fields from dirty electricity can break DNA bonds. Blank has written the book *Overpowered*, about the effects of electromagnetic fields on health.



Breakage of DNA bonds.



Ventricular Tachcardia ECG



The heart beats via electromagnetic signals. Heart palpitations, pre-ventricular contractions, and tachycardia are commonly reported by people after smart meters are installed on their homes.

Thank You!



The business card features a dark purple header bar at the top. On the left side, there is a photograph of two hands held up in a protective gesture, with a tree and a grassy field in the background. To the right of the photo, the company name 'HEALTHY BIO SOLUTIONS' is printed in bold black text, with 'ELECTRIC AND MAGNETIC FIELDS (EMFs)' in a smaller font below it. A horizontal line, consisting of a purple segment on the left and a green segment on the right, separates the company name from the contact information. The contact information includes the name 'Janice Churchill, Owner' and title 'EMF & RF Surveyor', followed by the phone number '425-358-0611', email 'info@HealthyBioSolutions.com', and website 'www.HealthyBioSolutions.com'.

HEALTHY BIO SOLUTIONS
ELECTRIC AND MAGNETIC FIELDS (EMFs)

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Definitions

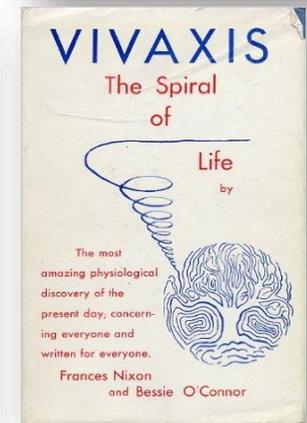
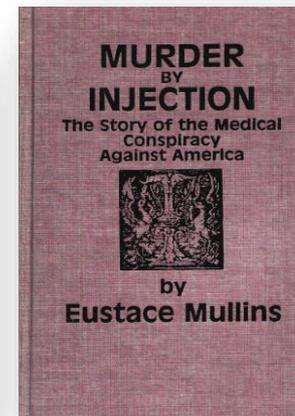
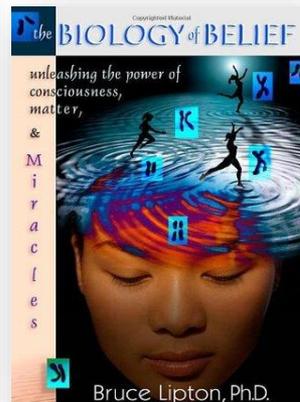
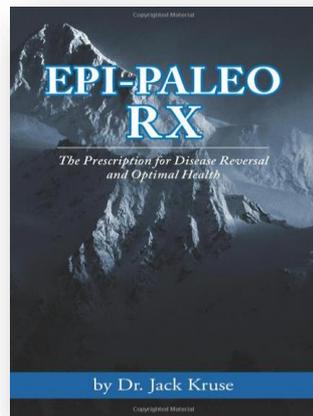
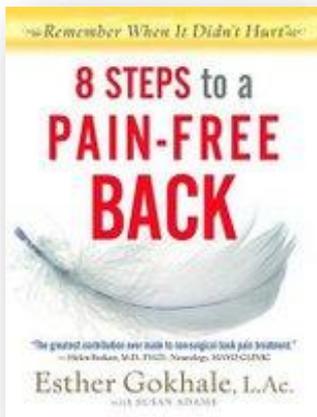
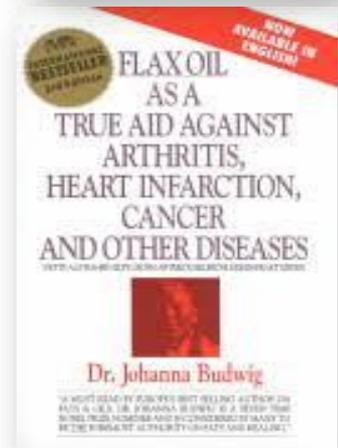
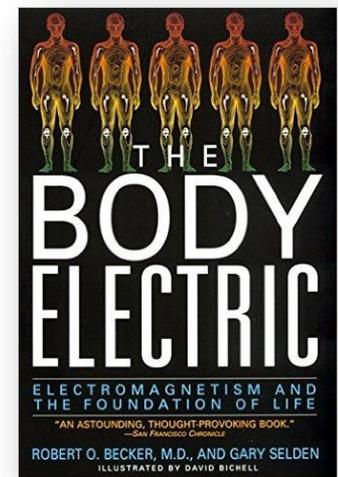
- **Alternating Current:(AC)** An electrical current that changes strength and direction of flow with a certain regular cycle. For example, 60 Hertz AC is an electrical current that changes its polarity (from positive to negative and back to positive; a complete cycle) sixty times per second.
- **Current:** The flow of electric charge through a power line or an electric wire. The electric current in a wire is like water flowing through a pipe. Currents produce magnetic fields.
- **Direct Current (DC):** An electrical current that flows in one direction only. The current in batteries is DC.
- **Electric Field (EF):** The force electric charges exert on other objects. It is measured in volts per meter (V/m). An electric field is a function of voltage and not of current.
- **Electric and Magnetic Fields (EMF):** The force fields around an electric conductor that has voltage and current. "EMF" is often used to describe power-frequency-induced magnetic fields.
- **Electromagnetic Spectrum:** A breakdown of electromagnetic fields according to their frequency and wavelength. The spectrum is divided into extra low-frequency (ELF), very low frequency (VLF), radio-frequency (RF), microwave, visible light, and ionizing radiation (X-rays and gamma rays).
- **Frequency (f):** The rate at which a wave completes one full cycle. The rate per second is expressed in Hertz (Hz). On the spectrum, energy is organized by frequency, with direct current (DC) having the lowest frequency (0) and gamma rays having the highest. Power frequency is 60 Hz in the United States but 50 Hz in most other industrialized nations.

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- Hertz (Hz): A unit used to measure the rate at which charge changes polarity of an AC electric current. One Hertz is one cycle per second. A 60 Hz system has sixty cycles per second.
- Magnetic field (MF): The force field produced by an electric current.
- Microwaves (MW): Electromagnetic radiation with a frequency at the high end of radio-frequency radiation. A form of nonionizing radiation. Radar is a form of microwave radiation. Microwave ovens operate at 2,400,000,000 Hz.
- Non-ionizing (or non-ionising) Radiation: refers to any type of electromagnetic radiation that does not carry enough energy per quantum (photon energy) to ionize atoms or molecules—that is, to completely remove an electron from an atom or molecule. Sources include power lines, microwaves, radio waves, infrared radiation, visible light and lasers.
- Ionizing Radiation: which has a higher frequency and shorter wavelength than nonionizing radiation, has many uses but can be a health hazard; exposure to it can cause burns, radiation sickness, cancer, and genetic damage. Examples: X-Ray, nuclear medicine, and radiation therapy.
- Radiation: Energy that is propagated through space in waves or particles. Some common forms of radiation are x-rays, microwaves, light, and radio waves.
- Radio Frequency (RF): Electromagnetic energy in the approximate frequency range of 3,000 Hz (3 kHz) to 1 billion Hz (1 GHz).

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