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FREQUENCY AND EMF

Electromagnetic fields are present everywhere in our environment but are invisible to the human eye.

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Electric fields are produced by the local build-up of electric charges in the atmosphere associated with thunderstorms.

The earth's magnetic field causes a compass needle to orient in a North-South direction and is used by birds and fish for navigation.

HUMAN-MADE SOURCES OF ELECTROMAGNETIC FIELDS

Besides natural sources the electromagnetic spectrum also includes fields generated by human-made sources: X-rays are employed to diagnose a broken limb after a sport accident. The electricity that comes out of every power socket has associated low frequency electromagnetic fields. And various kinds of higher frequency radiowaves are used to transmit information – whether via TV antennas, radio stations or mobile phone base stations.

One of the main characteristics which defines an electromagnetic field (EMF) is its frequency or its corresponding wavelength. Fields of different frequencies interact with the body in different ways. One can imagine electromagnetic waves as series of very regular waves that travel at an enormous speed, the speed of light. Frequency is the number of occurrences of a repeating event per unit of time or the number of waves that pass a fixed point in unit time.

OUR BODY AS AN ELECTROMAGNETIC FIELD

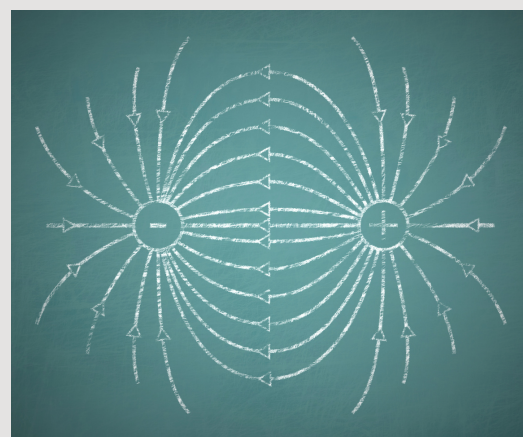
Our bodies are made up of cells, which are made up of atoms. And atoms are... well they're mostly empty space. Every atom, however, has its own electric field, and when you put two atoms close together, they can mess around with the electric field of the other. Everything we do is controlled and enabled by electrical signals running through our bodies. As we learned in intro physics, everything is made up of atoms, and atoms are made up of protons, neutrons and electrons.

Protons have a positive charge, neutrons have a neutral charge, and electrons have a negative charge. Note that the atoms themselves can carry a positive or a negative charge. How? By gaining or losing electrons.

Just like in the popular song, the human body is controlled by a series of electrical impulses sent out by the brain.

There are certain waves of energy that can damage your DNA, some people are more sensitive to these waves than others.

Everything you experience (like someone punching you in the nose) occurred because we're both surrounded by our own personal force field (bio-field), and the insides of our bodies contain electrical generators, which they use to send signals through our body.



THIS ENABLES YOUR BODY'S CELLS TO COMMUNICATE, THROUGH AN ELABORATE NETWORK OF NERVE ENDINGS, SYNAPSES AND JUNCTIONS. EVERYTHING STAYS IN TACKT BECAUSE OF A CERTAIN ENERGY FIELD.

Virtually every single process which is keeping you alive can be traced back to an electric field that some component of your body is creating.

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In a previous article I have mentioned what the Bio-field of the human body is. This is how the body and the body cells can communicate with one another.

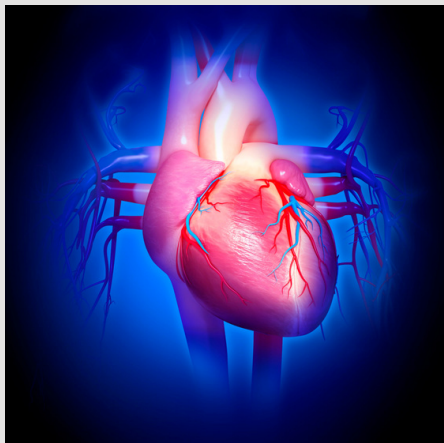
You are an electric field — a giant electric field which holds your atoms together, and which uses other electric fields to talk to other bits of yourself.

Everything is so cool when you break it down like this, right?!

BIO-ELECTRICAL COMMUNICATION IN THE BODY:

Researchers have found that this bio-electrical communication steers growth and development. Small interference in this communication from outside sources can have a butterfly effect in your body. This can lead to reversible and irreversible biological changes in certain cells and processes. Electromagnetic Field radiation (EMF) is emitted from your cell phone and all electronic devices, and as such, it can disrupt cells.

Turns out that your heart also needs a little electrical power to keep itself beating. Electrical stimuli are generated in the sinus node of the heart, in the upper chamber. Depending on your size, age and fitness level, the heart will produce this electrical stimulus between 60-100 times per minute. This then travels through the pathways of the organ, helping the heart to contract, which enables it to act as a pump for the blood in our circulatory system.



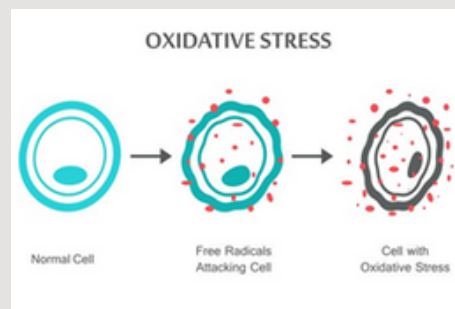
BEFORE WE LOOK AT HOW EMF CAN DISRUPT CELLS IN THE BODY, LETS LOOK AT THE PRIMARY FUNCTION OF A CELL IN THE BODY.

A cell is built to protect the DNA, RNA, and protein macromolecules inside it. However, every cell experiences threats, in the form of both intrinsic conflicts and external oxidants, toxins, and heat.

These can compromise the integrity of its genome and proteome. When this happens, the cell can go into a cellular stress response, which is a big domino effect!

EMFs can penetrate a cell's nucleus and interact with its DNA, bypassing a cell's defense mechanisms. This is very scary if you think about it. EMFs activate a cellular stress response.

According to studies, they can do this by generating reactive oxygen species (ROS) upon entrance into the cell. ROS are not bad, and are involved in many different cellular functions. However, too much ROS can become toxic to maintaining homeostasis in the cell by changing enzyme activity and gene expression (which is linked to many diseases).



Long story short, EMFs create an imbalance between ROS and antioxidants to get through the membrane into the nucleus. It interacts with and causes specific breaks in DNA strands, and this results in oxidative stress and a cellular stress response.

Our bodies are not without defense mechanisms. If our body experiences a small amount of damage, we can usually cope. Occasional breaks in DNA are actually normal and can happen through routine exposure to the environment, such as from UV radiation from the sun.



However, if we receive too much damage, it may become difficult for our body's defenses to cope with overwhelming problems. Thus, permanent changes to a cell which goes unfixed can lead to many diseases, including cancer.

Different devices that radiates EMF's:

- Smartfone
- Wifi
- Microwave
- Bluetooth
- Computer screen
- Recharger of your phone
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All of these devises mentioned gives certain fields of energy that can affect your body.

Electromagnetic fields, similar to those found in overhead power lines, can have a biological effect on human cells, an effect that could contribute to the complex cellular process that leads to cancer, research at Michigan State University shows.



How to protect yourself from EMF

Below are some easy things you can do to lessen the impact EMF radiation has on your body and cells:

- Create some distance between you and your phone or other device when possible. Set your phone to Airplane mode when not in use, since doing so cuts off wireless transmissions and radiation.
- Limit the time you use your phone and when you do, use speakerphone or radiation-free air tube headphones when you make calls.
- Turn off Bluetooth and WiFi on your devices whenever possible, and instead think of using a wired connection or an Ethernet cable when you do need to connect to other devices or the Internet.
- When you are actively using your device, consider using a cell phone EMF shield to help guard yourself from EMF radiation when you are actively using your device.

Final word

For sure, many textbooks are filled with a lot more information on the specifics of electrical forces in the human body. And certainly, a lot of other living things share these types of systems with us, so that there are a lot of electric creatures roaming our lovely planet. But it's exciting to think about how many wonderful & complicated things are going on within our own bodies.

If we understand that our body is electrically charged and that we have our own electromagnetic field we can also now understand how EMF and other devices can have a huge impact on our health and wellness.

Take ear and hear what has been said in this article and start to protect yourself. God has given us the tools to use.

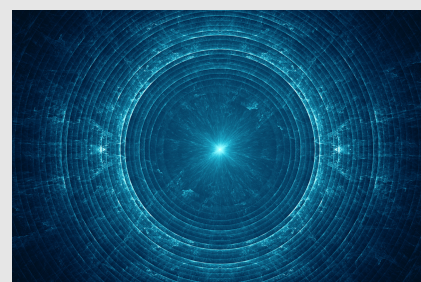
We as humans are positively charged and can get **OVERCHARGED** by using all of the devices mentioned in this article.

The earth is negatively charged and therefore when we go outside and do some grounding exercises like walking barefoot we can experience an immediate relieve from symptoms like anxiety and stress. Just like a telephone pole helps a charge of electricity to be grounded (earthed) before entering a house, we also need to be grounded so that we do not "overcharge".

REMEMBER:

Everything has been created by God for His purpose. Everything in the human body has also been created by God, even though we do not understand it yet.

God has created everything and the enemy is also using that which God has created for his own wicked purpose.



Ancient Biblical oils



Ancient biblical oils has a wonderful a EMF range of products to choose from:

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