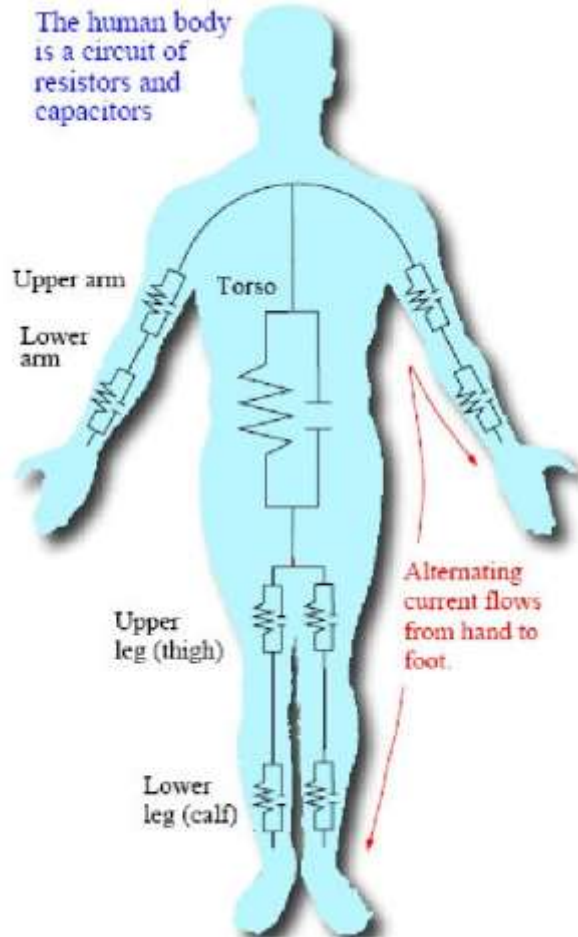


The Human Body Has Several Electrical Parameters:



The human body is a circuit of resistors and capacitors



Resting Membrane Potential: This is the difference in electrical charge across the cell membrane of a resting neuron. It is typically around -70 millivolts (mV) and is maintained by the activity of ion channels.

Action Potential: This is a brief, rapid change in the electrical potential across the cell membrane of a neuron or muscle cell. It is initiated by a depolarizing stimulus and is responsible for the transmission of signals in the nervous system.

Conductivity: This refers to the ability of a material to conduct electricity. The human body has varying degrees of conductivity depending on the type of tissue, with muscle and nerve tissue being the most conductive.

Resistance: This refers to the opposition of a material to the flow of electrical current. The human body has varying degrees of resistance depending on the type of tissue, with bone and skin being the most resistant.

Capacitance: This refers to the ability of a material to store electrical charge. The human body has capacitance due to the presence of cell membranes and other tissues that can act as capacitors.

Impedance: This is the total opposition to the flow of electrical current in a material. It includes both resistance and capacitance and is a measure of how difficult it is for electrical current to flow through the human body

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Immunity and Cellular charge.

The human body has various mechanisms to maintain immunity and cellular charge. Here's a brief-

Cell Values

Values are Approximate

Nakatani	Cell Voltage	Cell pH	Salivary pH Cell	Cell pH	Cell Voltage	Symptoms
210	-105	8.84	8.04	Viruses	-105	Symptoms of Healing
200	-100	8.75	7.95	Bacteria	-100	
190	-95	8.66	7.86	Fungus	-95	
180	-90	8.58	7.78	Cancer Cells	-90	
170	-85	8.49	7.69	Die at 7.8-8.8	-85	
160	-80	8.40	7.60		-80	
150	-75	8.31	7.51		-75	
140	-70	8.23	7.43		-70	
130	-65	8.14	7.34		-65	
120	-60	8.05	7.25		-65	
110	-55	7.96	7.16	Normal Healing	-55	
100	-50	7.88	7.08		-50	
90	-45	7.79	6.99		-45	
80	-40	7.70	6.90		-40	
70	-35	7.61	6.81		-35	
60	-30	7.53	6.73		-30	
50	-25	7.44	6.64		-25	Operating Voltage
40	-20	7.35	6.55		-20	
30	-15	7.26	6.46		-15	Tired Sick Organ failure Change Polarity Pain Docroanand Oxygen Viral Intections Bacterial Intections Fungal Intections Damage DNS = Cancer
20	-10	7.18	6.38	Electron Donor	-10	
10	-5	7.09	6.29	Electron Stealer	-5	
0	0	7.00	6.20		0	
	5	6.91	6.11	5		
	10	6.83	6.03	10		
	15	6.74	5.94	15		
	20	6.65	5.85	20		
	25	6.56	5.76	25		
	30	6.48	5.68	30		
	35	6.39	5.59	35		
	40	6.30	5.50	40		
	45	6.21	5.41	45		
	50	6.13	5.33	50		
	55	6.04	5.24	55		
	60	5.95	5.15	60		
		5.86	5.06	65		

Overview:

Immunity: The human immune system is a complex network of cells, tissues, and organs that work together to protect the body from harmful pathogens such as bacteria, viruses, and fungi. The immune system recognizes and destroys these pathogens by producing antibodies and activating various immune cells such as white blood cells. It also has memory cells that can remember previous infections and respond faster and more effectively to subsequent infections.

Cell charge:

The cells in the human body maintain a negative charge on their surface, which is essential for their proper functioning. This charge is maintained by the movement of ions across the cell membrane, which is regulated by various ion channels and pumps. Any disturbance in this balance can lead to cell dysfunction or death. For example, low levels of potassium or magnesium ions can cause abnormal heart rhythms.

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Microcurrent Therapy

It is a type of therapy that uses low-level electrical currents to treat various health conditions. Here are some of the potential benefits of microcurrent therapy for the human body.

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Microcurrent therapy can be beneficial for promoting circulation and **reducing inflammation**, which can directly help to **lower cholesterol levels**, it **dissolves/burns the fat on the Walls of the cells** helping **medicine to penetrate** the cell more effectively,

Pain relief: Microcurrent therapy can help reduce pain by promoting the release of endorphins, which are natural painkillers. It can also **help reduce inflammation and swelling**.

Improved circulation: Microcurrent therapy can help improve blood and lymphatic circulation, which can help reduce swelling, improve tissue healing, and provide better nutrient delivery to cells.

Tissue healing: Microcurrent therapy can help stimulate the production of ATP (adenosine triphosphate), which is the energy source for cells. This can help accelerate tissue healing and repair.

Relaxation and stress reduction: Microcurrent therapy can help promote relaxation by stimulating the release of serotonin and other neurotransmitters that promote calmness and relaxation.

Improved muscle tone and strength: Microcurrent therapy can help improve muscle tone and strength by **stimulating muscle fibers** and promoting muscle contractions



Frequencies In The Human Body



There are many different frequencies that occur naturally in the human body. Here are a few examples:

Brain Waves: The brain produces several types of electromagnetic waves that can be measured by an electroencephalogram (EEG). These waves range from high-frequency beta waves (12-30 Hz) that occur when we are awake and alert, to low-frequency delta waves (0.5-4 Hz) that occur during deep sleep.

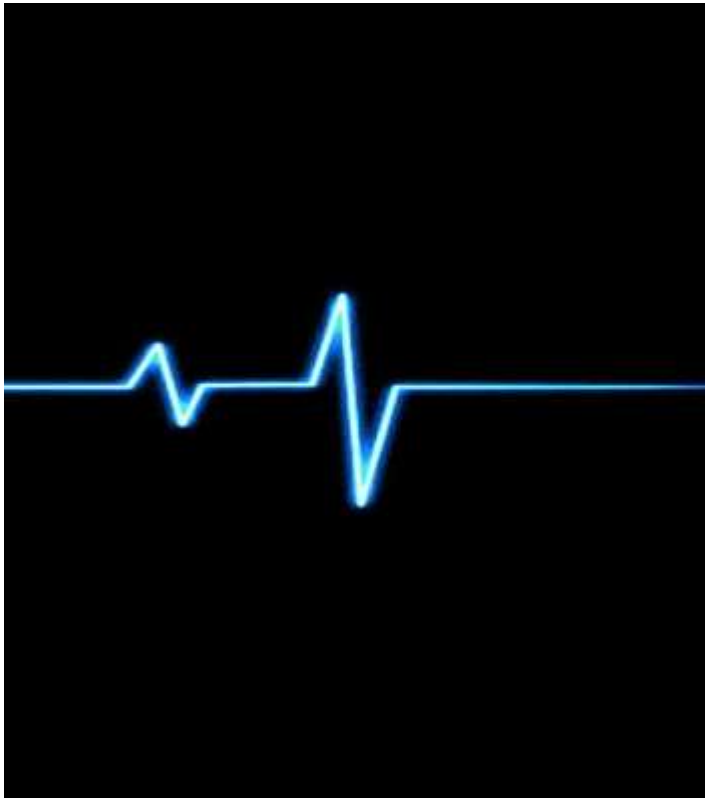
Heartbeat: The human heart produces electrical impulses that cause it to beat. These impulses can be measured using an electrocardiogram (ECG), and have a frequency of around 1 Hz (60 beats per minute). **Respiration:** The act of breathing also produces a rhythmical pattern of expansion and contraction in the chest, which can be measured using a respiratory sensor. This pattern has a frequency of around 0.2-0.3 Hz (12-18 breaths per minute).

Cell Communication: Within our bodies, cells communicate with each other using chemical and electrical signals. These signals have a wide range of frequencies, from low-frequency calcium waves (0.1 Hz) that help to regulate cell activity, to high-frequency action potentials (up to 100 Hz) that transmit information along nerve cells.

It's worth noting that there are also many external frequencies that can affect the human body, such as electromagnetic radiation from the sun and from electronic devices, and sound waves from our environment

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Defused Cell Charge of the Organ Can Impact The Function of the Organ

The charge of cells within an organ can impact its function. In fact, the electrical charges of cells and tissues in the body play an important role in many biological processes, such as muscle contraction, nerve signalling, and the regulation of ion and fluid balance.

Improving your Immunity & Organ function with eMedica

eMedica modulates the electromagnetic frequency of a human body to bring it to its optimal potential. It treats various diseases in the body by correcting the cell parameters using a dedicated and specified frequency, voltage to and current for each disease.

- Each cell in the human body carries an electrical charge. By correcting the cell charge of the blood cells, organs will improve immunity allowing the organs to carry out functionality at their peak.
- Voltages help correct cell parameters of the human body.
- Frequencies help target the organ to improve its function.
- The current sent helps to burn fat deposits that sit in the blood and blood vessel.
- eMedica therapy helps improve the blood circulation and oxygen levels in the blood cell.



ORGAN	CELLS IN THE ORGAN & BLOOD	HELPS PREVENT
Pancreas	Beta cells	Diabetes
Lungs	Epithelial cells	Asthma & Fibrosis
Thyroid	Follicular & Parafollicular cells	Thyroid
Liver	Parenchymal cells	Liver diseases
Heart	Cardiomyocytes cells	Heart diseases
Nervous System	Nerve cells	Parkinson's
Brain	Neurons	Alzheimer's
Kidney	Parietal epithelial cells	Kidney detox

eMedica is a non-invasive patented medical device with no side effects.

For example, in the heart, the coordinated contraction of cardiac **muscle cells** is driven by electrical signals that are generated by **specialized cells** called pacemaker cells. These signals are transmitted through the heart's electrical conduction system, causing the heart to beat in a coordinated manner. Any disruption to the normal electrical activity of the heart can lead to arrhythmias or other cardiac conditions.

Similarly, in the nervous system, the transmission of **signals between neurons is dependent** on the movement of charged ions across the cell membranes. Changes in the electrical charge of neurons can affect their ability to transmit signals, leading to neurological conditions such as epilepsy.

The charge of cells within organs can also impact the **movement of fluids and ions** in and out of cells, which can affect the overall function of the organ. For example, the charge of cells in the kidneys plays an important role in the filtration and reabsorption of fluids and ions, which helps regulate the balance of electrolytes and water in the body.

Overall, the electrical charges of cells within an organ can have a significant impact on its function, and disruptions to these charges can lead to various biological and physiological disorders.

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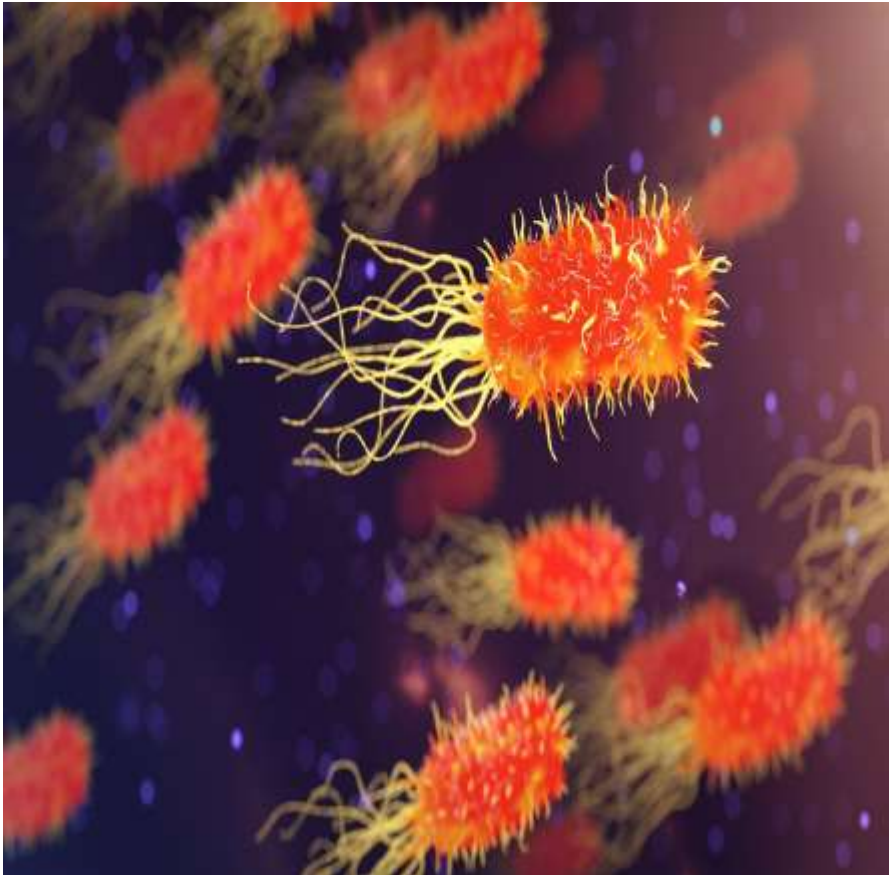
Electrical Current Can be Used to Destroy Viruses and Bacteria

Under specific conditions, this process is known as electrocution or electroporation, and it involves applying an electrical current to the microorganism, causing damage to its cell membrane or DNA.

This can effectively kill the microorganism or render it unable to reproduce. However, the effectiveness of electrical current as a method of destroying viruses and bacteria depends on various factors, such as the type of microorganism, the strength and duration of the electrical current, and the environment in which the microorganism is present

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Cancer

The unstable nucleus can cause cancer cell growth in several ways. One way is through ionizing radiation, which is emitted when unstable nuclei decay. Ionizing radiation can damage DNA in cells, leading to mutations that can promote cancer cell growth.

The cell is negatively charged compared to the outside due to an excess of negatively charged ions, such as chloride and proteins, inside the cell. The membrane of a cell acts as a barrier to prevent ions from freely moving in and out, creating a difference in electrical charge across the membrane. This difference in charge is referred to as the membrane potential.

Cells

Healthy cells are negatively charged and certain types of cancer cells may have a slightly more positive charge than normal cells, This is because the surface of cancer cells can have altered expression of certain molecules, such as glycosylated proteins, which can affect their charge distribution.

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eMedica modulates the electromagnetic frequency of a human body to its optimal potential. It treats various diseases in the human body by correcting the cell parameters using a dedicated & specified Current, Voltage & Frequency, for each disease.

eMedica therapy recharges your cells so they can get back to work **restoring your health and vitality**. eMedica plays a major role to Correct the electrical parameters of the Human body and would play a major role in healing and reducing Cancer cell Growth in the human body.

eMedica

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