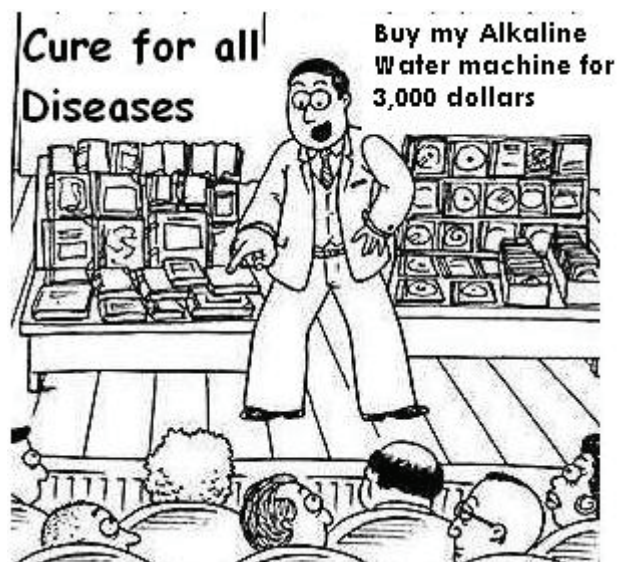


# Reported Fraudulent Health Benefits of Alkaline Ionized Water

WRITEN BY LAIMA JONUSIENE

There is no research that shows ph water is helpful to cancer patients. Manufactures of acid alkaline water devices flirt with these claims. Then they use multi-level networkers to make fraudulent lies and false promises of science to sell the devices to people with cancer. These people will spend their hard earned money for anything. But they are lied to about studies that do not exist. Pseudo research that does not make scientific sense is twisted to make a sale. They tell of testimonials that often are false or without proper follow-up.

Water is good for people and everyone needs good water. But using fraudulent claims of research and studies that do not exist to sell another water unit is a crime.



"So you say, Jimmy, How Do I get Filthy Rich like you, I'll tell ya how It's easy just scam others like I scam you, promise there is some science and I'll send it to you next week (wink wink), say anything to make a sale, It's easy"

Here is an example of some of their techniques and false fraudulent claims.

*by Webster Kehr*

*Independent Cancer Research Foundation, Inc.*

**TREATMENT RATING:** This is a supplemental cancer treatment and should not be used as the primary cancer treatment. This treatment is generally combined, and is part of, a complete protocol and is used to help stop the spreading of cancer to give other treatments more time to work.

[Article on Natural Treatments For Advanced Cancer Patients](#)

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### *How It Works*

Ionized water is very alkaline (if your ionizer makes the water alkaline), has a high redox potential (i.e. it is a good antioxidant because its ORP value is very negative), and it has its water molecules in smaller clusters than normal water. All of these things help inhibit the spread of cancer and aid in killing cancer cells, directly or indirectly. However, there is not enough evidence to categorize it as a stand-alone treatment plan.

### *Ionized Water*

Ionized water works on cancer in three major ways. Because it is a good antioxidant, meaning it has a very negative ORP value (Oxidation Reduction Potential), it neutralizes free radicals (i.e. ROS - Reactive Oxygen Species), making many oxygen molecules available to the cancer cells; either to slow the growth of cancer or to kill the cancer cells. This is done with the hydroxyl ions in the ionized water.

Unlike hydrogen peroxide, which adds oxygen molecules to the body (i.e. they don't already exist in the body), ionized water makes existing oxygen molecules, already in the body, available to the cancer cells by giving them electrons. This actually has advantages because it removes damaging free radicals at the same time.

Ionized water is also very alkaline. Cancer cells do not thrive in an alkaline environment:

- *Dr. Keiichi Morishita in this book, **The Hidden Truth of Cancer**, states that if the blood develops a more acidic condition, then these excess acidic wastes have to be deposited somewhere in the body. If this*

*unhealthy process continues year after year, these areas steadily increase in acidity, and their cells begin to die.*

*Other cells in the affected area may survive by becoming abnormal; these are called malignant. Malignant cells do not respond to brain commands. They undergo a cellular division that is out of control. This is called cancer.*

*Modern medicine in America treats these malignant cells as if they were bacteria or viruses. It uses chemotherapy, radiation, and surgery to treat cancer. Yet none of these treatments will help very much, if after all of that, the acidic environment remains.*

*Drinking water that has a high alkaline pH, because of its de-acidifying effect, will help in preventing cancer. In Asia, alkaline water is regularly served to patients, and is considered a regular part of treatment.*

Water molecules in our body do not individually float around, they exist in clusters of water molecules. Ionized water clusters are significantly smaller than normal water cluster. A water cluster generally consists of about a dozen water molecules. Because the cluster is so big, the water clusters cannot penetrate many places in your body. By making clusters half that size, in terms of the number of water molecules per cluster, the clusters (i.e. the water) can penetrate into more places in the body. The shape of ionized water clusters (a hexagon) also helps them get into places regular water cannot go. These things are called making "wetter water."

In addition to these things, ionized water removes a lot of toxic waste products from the body. In fact there are many other benefits to drinking ionized water, most of which have nothing to do with cancer.

I suspect that virtually all brands of water ionizers are made in Japan or Korea, or the parts are made in Japan or Korea and they are assembled in the U.S. Japan and Korea are where most of the research is taking place.

The reason this is considered a primary treatment, in spite of the lack of testimonials, is because of its antioxidant activities. Several less-effective antioxidants are considered to be primary treatments, thus it is only reasonable that this would also be considered a primary treatment.

Another thing to consider is taking a bath in ionized water. This will help get oxygen into the body without having to go through the digestive tract. Add a

gallon, or more, to your bath water.

### *Supercharging This Treatment*

You should take sea salt (1/4 teaspoon per quart) with ionized water. Also, make sure you take a good mineral supplement, preferably one with trace elements. A good calcium supplement will also help make your body alkaline. Quit drinking soda pop (whether diet or not) and refined sugar (these things are very acidic and offset the alkalinity of the ionized water). You should drink between 1 gallon and 2 gallons of ionized water a day. Drink the ionized water within a few hours of making it in order to get the full effect of the hydroxyl ions.

If you might have cancer because of your intake of trans fatty acids (e.g. margarine, etc.), then you need to do some special things to make sure the oxygen clusters are absorbed into the cancer cells. Even though the ionized water molecule clusters are smaller than normal water molecule clusters, it still helps to make the cells more able to absorb large molecules. This means you must absolutely stay away from trans fatty acids, hydrogenated oils, etc.

Other antioxidants that could be combined with ionized water are: vitamins C and E, the minerals zinc and selenium, and the natural substances Lycopene (or add tomatoes to your vegetable juice), CoEnzyme-Q10, N-Acetyl Cysteine, and the minerals manganese, copper and zinc (copper:zinc in 1:15 ratio).

This treatment should not be considered a "major" alternative cancer treatment.

***An alternative cancer treatment should be a complete treatment protocol. Do NOT forget to study the complete treatment protocol for Stage I, II and III cancer patients and the complete treatment protocol for Stage IV cancer patients:***

[Treatment For Stage I, II and III Cancer Patients](#)

[Treatment For Stage IV Cancer Patients](#)

Site	Comments
<a href="#"><u>Watershed</u></a>	Excellent introduction (this link is also in the tutorial)
<a href="#"><u>Water For Life</u></a>	Beginners Guide to Water Ionizing

<a href="#">Pure N Natural</a>	Nine part article on ionized water
<a href="#">Alkaline Antioxidant Water</a>	Free online eBook on ionized water
<a href="#">Alaska Glacier</a>	Another excellent article ("pdf" required Adobe Acrobat)
<a href="#">RCN</a>	Article on ROS - Reactive Oxygen Species (Free Radicals)
<a href="#">Better Way Health</a>	Several books on water
<b>Site</b>	<b>Vendors</b>
<a href="#">IonWays Products</a>	Vendor: IonWays Athena and Delphi are the MOST POTENT water ionizers
<a href="#">Water For Life</a>	Vendor: KYK Water Ionizers and Maxton Portable Water Ionizers
<a href="#">Better Way Health</a>	Vendor: AlkaBlue Water Ionizers
<a href="#">Best Water</a>	Vendor: Jupiter products
<a href="#">Water For Health</a>	Vendor: Jupiter products (Vendor in UK, serves UK and Europe)
<a href="#">Tyent UK</a>	Vendor: Tyent products (Vendor in UK, serves UK and Europe)
<a href="#">AllOrganic</a>	Vendor: Jupiter products
<a href="#">The Water Group</a>	Vendor: Jupiter products
<a href="#">Water 4 U</a>	Vendor: IonFarms Water Ionizer
<a href="#">Shirley's Wellness</a>	Vendor: Microwater Water Ionizer
<a href="#">Healthy Magnets</a>	Vendor: AlkaZone Water Ionizer
<a href="#">Hidden Cures</a>	Vendor: HiddenCures Water Ionizer (this link is also in the tutorial)
<a href="#">Better Way Health</a>	Non-Hodgkins T-Cell Lymphoma (terminal) testimonial

## Reported but Unproven Health Benefits of Alkaline Ionized Water

- Excellent natural anti-oxidant that will scavenge free radicals before they oxidize cell tissue.
- Alkaline ionized water buffers against lactic acid build up so that recovery time after exercising is decreased.
- Provides more available oxygen to your body than ordinary tap water.
- Increases energy, decreases recovery time and improves capacity for aerobic activities.
- "Reverses the aging process, lowers blood pressure and helps the heart work less hard." ("Reverse Aging" – Sang Whang).
- Neutralizes and flushes toxins and acidic waste from your body. Your body can focus on achieving optimal health.
- The electrolysis process rearranges healthy minerals that are native to your tap water according to their electrical charge. As a result, alkaline ionized water contains essential calcium, magnesium, sodium, and potassium minerals in a form that can be assimilated.
- Cancer does not thrive in an oxygenated and alkaline environment while health does.
- Contains structurally smaller molecules which helps the body assimilate more water and hydrate quickly.
- Using to reconstitute your juices from concentrate will result in a sweeter taste with less bite because the acid will be neutralized. The same will hold true for coffee and teas.
- Natural texture and color retained in vegetables cooked in alkaline ionized water. Rice will be fluffier after being boiled in ionized water.
- Helps with weight control and curbs your hunger when dieting.

#### **Reported Benefits of Acidic Ionized Water**

***Important Note: Never consume acidic water***

- Natural astringent for improving complexions. It removes skin oil and greasy dirt without harsh chemicals.

- Natural hair conditioner.
- Highly antiseptic for cuts, abrasions, and wounds.
- Use as a mouthwash after brushing teeth.
- Soaking in warm acidic ionized water improves healing from athlete's foot, rashes, nail fungus infections and insect bites.
- Cut flowers will last longer
- Similar to rain water . . . your plants will thrive
- Reduces fungus on rose bushes.

## Proton and Electron Balance

The fundamental particles of all things the electron and proton are electrical in nature. The body has to organize these properly to maintain health. The balance of negative (electron) versus positive (proton) is important. This is referred to as the Ph or proton pressure.

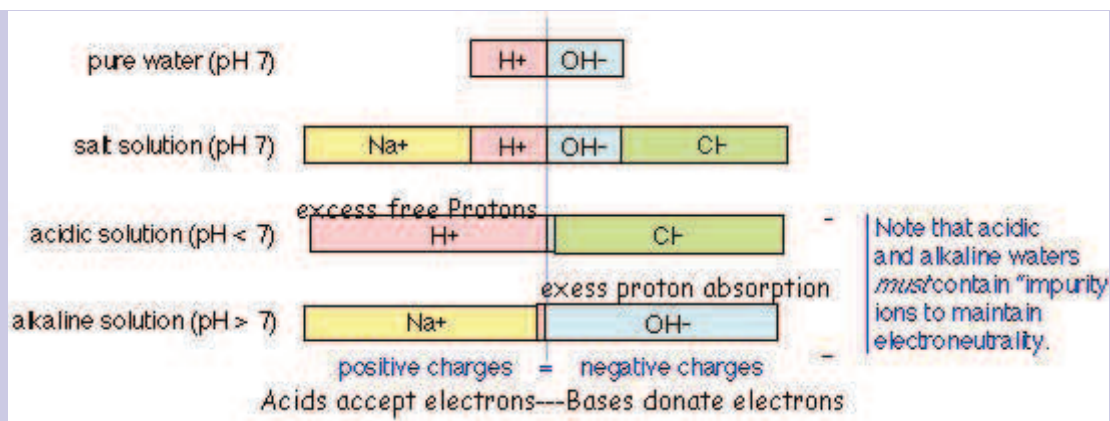
Acids accept electrons, because they are proton enriched. The simplest atom is hydrogen. It is one proton and one electron. When the electron is removed the hydrogen ion is a proton. If you have extra hydrogen atoms you have an acid. Like HCl hydrogen ion with chlorine hydrochloric acid. H<sub>2</sub>SO<sub>4</sub>, two hydrogen ions and sulfur and you get sulfuric acid. If you have hydrogen ions you are acidic.

Bases donate electrons, or bases accept protons. When you have too many electrons you are base and you will want to donate the electrons. A soluble base is also often referred to as an alkali if hydroxide ions (OH<sup>-</sup>) are involved. Bases have the hydroxide ion and most are referred to as blank hydroxide, sodium hydroxide, potassium hydroxide etc.

Bases can be thought of as the chemical opposite of acids. A reaction between an acid and base is called neutralization. Bases and acids are seen as opposites because the effect of an acid is to increase the hydronium ion (H<sub>3</sub>O<sup>+</sup>) concentration in water, where as bases reduce this concentration. Bases react with acids to produce water and salts (or their solutions). The whole process is electrical. Thus life is electrical.

A balanced negative charge versus positive charge is a 7 on the Ph scale. Our body's should be slightly alkaline or





**Charge Balance:** all ionic solutions must contain equal numbers of positive and negative charges.

But not an equal number of free protons or free proton absorbers

Humans have been familiar with acids and bases for thousands of years. They didn't know the exact chemistry but they knew a lot about them.

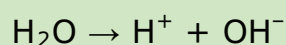
The word *acid* comes from Latin word *acidus* meaning sour, sharp, or tart taste. Vinegar as you might remember means sour wine. Vinegar is acetic acid in water. Acetum is a historical name for vinegar and comes from the word *acere* meaning to be sour.

**ALKALI**, a salt. (Arabic.) and *qalí* is the name given to the ashes of the plant glass-wort (*Salicornia*), which abounds in soda.

Alkaline items are:

1. Capable of neutralizing an acid. Bases are alkaline.
2. Relating to an alkali compound.
3. Having a pH greater than 7.
4. Having a relatively low concentration of hydrogen ions.

Pure water consists almost entirely of H<sub>2</sub>O molecules loosely bound in a network-like structure in which individual molecules are constantly changing partners. Water molecules exhibit a very slight tendency to dissociate ("ionize") into hydrogen ions and hydroxide ions:



but the extent of this reaction is severely limited by the fact that the reverse of this reaction is much more rapid, so that on the average, only about two out of every million H<sub>2</sub>O molecules are dissociated. No electrical device or chemical additive is capable of increasing these ion concentrations in pure water above this very minute level which is so small that for most practical purposes pure water can be considered to be ion-free, as evidenced by the fact that it will not conduct an



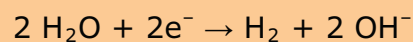
electric current. It only conducts electricity when there are salts or impurities in the water and since all water has some impurities there is conductivity. No electrical device is capable of increasing these ion concentrations but we can affect the flickering rate of dissociation association.

### Electrolysis

*Electrolysis* refers to the breakdown of a substance by passing an electric current through it. This is accomplished by placing a pair of oppositely-charged electrodes (usually of platinum or some other unreactive metal) in the solution. Positive ions that find themselves close to the negative electrode will acquire electrons, and negative ions near the positive electrode will lose electrons. In the case of pure water, the reactions are as follows:

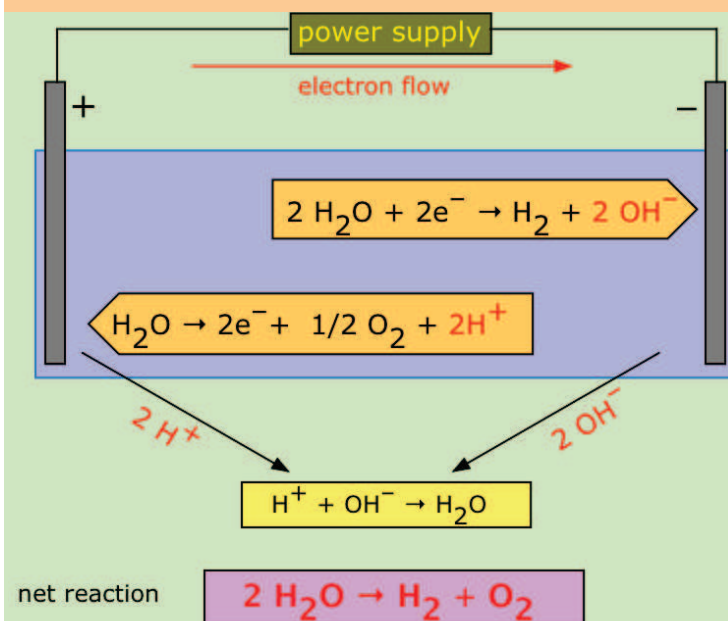
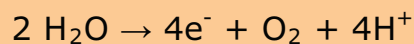
At the negative electrode:  $2 \text{H}^+ + 2\text{e}^- \rightarrow \text{H}_2$

... but since the  $\text{H}^+$  ions come from water, the overall reaction is



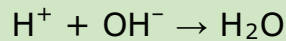
at the positive electrode:  $4 \text{OH}^- \rightarrow 4\text{e}^- + 2 \text{H}_2\text{O} + \text{O}_2$

... but since the  $\text{OH}^-$  ions come from water, the overall reaction is

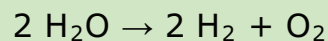


Note that the consumption of  $\text{H}^+$  ions at the negative electrode leaves an excess of  $\text{OH}^-$  ions in the vicinity of this electrode, making the water in this region alkaline. Similarly, the consumption of  $\text{OH}^-$  ions at the positive electrode makes the water

near this electrode acidic. If the regions near the two electrodes are surrounded by a semi-permeable barrier that inhibits diffusion of these ions into the bulk of the water, small local excesses can build up, but with pure water to start with, the acidity or alkalinity would be undetectable. Eventually the  $H^+$  and  $OH^-$  ions find each other and recombine:



... so the net reaction for the electrolysis of pure water is simply the production of gaseous hydrogen and oxygen:



... leaving the pH of the water at 7.0, just as it was before electrolysis.

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In other words, electrolysis cannot change the pH of pure water. None of the sites hawking these "water ionizers" mention this, of course, nor do they bother to tell you the even worse news:

*Pure water cannot undergo significant electrolysis*

One more thing about the electrolysis of pure water: because of the very small number of ions in pure water, it conducts electric current very poorly, so the process is extremely slow and inefficient. This means that if your water supply is free of mineral impurities, no significant amount of electrolysis will occur.

*Will water that purports to be "ionized" or "alkalized" make me feel better, younger, more vigorous, etc.?*

Quite possibly, yes! Studies have shown that placebos can relieve the symptoms in about 40 percent of those who suffer from chronic ailments. They are probably even more effective for those who are inclined toward "alternative medicine" or the "wellness" industry. In other words, if you "believe" that something might help, it may well do so, and the more people are made to pay for it, the more eager they will be to have their beliefs confirmed. (Remember those Monty Python apartment towers that would remain standing only as long as the residents maintained their faith in them?)

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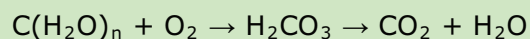
## Acid-base chemistry in physiology

Acid-base chemistry plays a crucial role in physiology, both at the level of the individual cell and of the total organism. The reasons for this are twofold:

- Many of the major chemical components of an organism can themselves act as acids and/or bases. Thus proteins contain both acidic and basic groups, so that their shapes and their functional activities are highly dependent on pH.
- Virtually all important metabolic processes involve the uptake or release of hydrogen ions. The very act of being alive tends to change the surrounding intracellular pH (usually reducing it); this will eventually kill the organism in the absence of buffering agents.

About two-thirds of the weight of an adult human consists of water. About two-thirds of this water is located within cells, while the remaining third consists of extracellular water, mostly interstitial fluid that bathes the cells, and the blood plasma. The latter, amounting to about five percent of body weight (about 5 L in the adult), serves as a supporting fluid for the blood cells and acts as a means of transporting chemicals between cells and the external environment. It is basically a 0.15M solution of salt (NaCl) containing smaller amounts of other electrolytes, the most important of which are bicarbonate ( $\text{HCO}_3^-$ ) and protein anions.

**Respiration**, the most important physiological activity of a cell, is an acid-producing process. Carbohydrate substances are broken down into carbon dioxide, and thus carbonic acid:



Interestingly, the ingestion of "acidic" foods can make the body more alkaline. This comes about because the weak organic acids in such foods are partly in the form of sodium or potassium salts  $\text{M}^+\text{A}^-$ . In order to maintain charge balance, some of the  $\text{CO}_2$  produced by normal metabolism of these food acids must be converted into bicarbonate (that is,  $\text{M}^+ \text{HCO}_3^-$ ) which is a weak base.

### Maintenance of acid-base balance

It is remarkable that the pH of most cellular fluids can be kept within such a narrow range, given the large number of processes that tend to upset it. This is due to the exquisite balance between a large number of interlinked processes operating at many different levels.

- Acid-base balance in the body is maintained by two general mechanisms: selective excretion of acids or bases, and by the buffering action of weak acid-base systems in body fluids.
- Over a 24-hour period, the adult human eliminates the equivalent of about 20-40 moles of  $\text{H}^+$  as carbonic acid  $\text{H}_2\text{CO}_3$  which breaks down into  $\text{CO}_2$  (exiting via the lungs) and

H<sub>2</sub>O (through the [kidneys](#).) In addition, the kidneys excrete perhaps 5% of this amount of acid, mostly in the form of H<sub>2</sub>PO<sub>4</sub><sup>-</sup> and NH<sub>4</sub><sup>+</sup>. Owing to their electric charges, these two species are closely linked to salt balance with ions such as Na<sup>+</sup> or K<sup>+</sup>, and Cl<sup>-</sup>.

The major buffering system in the body is the carbonate system, which exists mainly in the form of HCO<sub>3</sub><sup>-</sup> at normal physiological pH. Secondary buffering action comes from phosphate, from proteins and other weak organic acids, and (within blood cells), the hemoglobin.

#### Disturbances of acid-base balance

Deviations of the blood plasma pH from its normal value of 7.4 by more than about ±0.1 can be very serious. These conditions are known medically as *acidosis* and *alkalosis*. They can be caused by metabolic disturbances such as diabetes and by kidney failure (in which excretion of H<sub>2</sub>PO<sub>4</sub><sup>-</sup>, for example, is inhibited.)

Numerous other processes lead to temporary unbalances. Thus *hyperventilation*, which can result from emotional upset, leads to above-normal loss of CO<sub>2</sub>, and thus to alkalosis. Similarly, *hypoventilation* can act as a compensatory mechanism for acidosis. On the other hand, retention of CO<sub>2</sub> caused by bronchopneumonia, for example, can give rise to acidosis. Acidosis can also result from diarrhea (loss of alkaline fluid from the intestine,) while loss of gastric contents by vomiting promotes alkalosis.

Water is H<sub>2</sub>O two Hydrogen atoms with one Oxygen. The hydrogen atoms are protons. At room temperature or so one of the hydrogen ions can split from the other hydrogen and oxygen. So there is a free proton and a hydroxyl ion. Then there is rejoining and then another separation. This cycle is called the flickering rate or the zeta frequency of the water.

There is an electrical nature of water, and thus an electrical nature of the body human. As we see salts can change the balance of the protons and hydroxyl ions. When there is a shift towards excess protons the compound is acid. When there is a shift towards fewer protons the system goes alkaline. The body needs to be slightly base over all, and each part has an individual Ph component.

The blood has to be slightly alkaline for health. We should be 7.4 Ph. When we get 7.2 we get sick and at 7.0 we can die. If we get 7.6 we get sick if we get to 7.8 we can die. There is a critical balance of ph for life.

What makes us go acid is acid forming foods with an acidic ash component. These are close to the same culprits of our right handed sugars. Thus a meat, potatoes, corn, beer, rice, and all of the

dextrose sugars are the main culprits that drive our bodies to be acid. Stress toxins, radiation all make us also go acid and this can cause or aggravate disease.

What makes us go alkaline is fruits and vegetables. So we can see that today's lifestyle makes us go acid and 85% of the ill are to acid. The main solution is in the foods we eat and the alkaline ash they leave as we process the food.

It is a struggle to maintain the balance of Ph for health. Many have designed water machines to make water more alkaline. These devices will run electrons thru the water from electrodes. This is a variation of electrolysis. The acidity and alkalinity of the water is thus changed and people are told to drink the water for health.

There are 64 anomalies where water is different than other chemical we know here on earth. There are over 64 different special powers of water. Anything you do to get a patient to drink more water is good for their health. So if they are told to buy a device that makes healthy water and to drink it, it will benefit their health. This is worth the money.

There is no good evidence that drinking the water from these Ph devices can cure cancer. I have asked for the studies and only received hypothetical theory papers, not studies.