



Bio-friendly magnetic water is ecofriendly



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ABSTRACT

There is a long history of the use of magnets to improve the quality and health benefits of water. Many countries have been using magnetic water for patients with digestive, urinary and nervous problems, for pain, swelling and many other ailments. Whether all of the claims are true or false remains to be tested by science. However, Magnetic Therapy has been accepted by many for the relief of pain. It is now accepted that each of our cells possess a small magnetic field and that water can be magnetized. Then, the logical conclusion is that magnetic water has the ability to affect our cells and help our body perform as it was meant. There is much evidence that bio-magnetic water is beneficial and none that it can be harmful. Anecdotal evidence of the health benefits of magnetized water abounds. Magnetized water is claimed to be energy-building, activating, cleansing and detoxifying. There are reports of people resolving bladder problems, recovering quickly from a stroke, alleviating arthritis pain and reducing blood pressure by drinking magnetized water. It is perhaps reasonable to assume that if scientific studies on animals have proven that magnetized water has health benefits, then it should also be beneficial to humans. However, so far there have been no systematic, clinical trials done to prove or disprove the healing effects of magnetized water in humans. The effects of the North Pole (negative) and South Pole (positive) magnetism are quite different. North polarity stabilizes, calms and sedates and also reduces pain, infection and inflammation. South polarity, on the other hand, is acid producing, enervating, biologically disorganizing and may accelerate bacteria growth. Magnets with a South polarity should only be used under the care of a trained practitioner if at all.

Keywords: MEG, AMT, South Pole Water, North Pole Water, Bi-Polar Water, Charged Water, Good Water, Bad Water, Best Water, Paramagnetic, Biomagnetic

INTRODUCTION

Biomagnetism is the phenomenon of magnetic fields produced by living organisms; it is a subset of bioelectromagnetism. In contrast, organisms' use of magnetism in navigation is magnetoception and the study of the magnetic fields' effects on

organisms is magneto biology. (The word biomagnetism has also been used loosely to include magneto biology, further encompassing almost any combination of the words magnetism, cosmology and biology, such as "magneto astrobiology".) The origin of the word biomagnetism is unclear, but seems to have appeared several hundred years ago,

linked to the expression "animal magnetism." The present scientific definition took form in the 1970s, when an increasing number of researchers began to measure the magnetic fields produced by the human body. The first valid measurement was

actually made in 1963, but the field began to expand only after a low-noise technique was developed in 1970. Mostly the activity centers on the MEG (MagnetoEncephaloGram), the measurement of the magnetic field of the brain.^[1]



Figure-1: Hard Water and Soft Water

Magnetic water treatment (also known as Anti-scale Magnetic Treatment or AMT) is a controversial method of supposedly reducing the effects of hard water by passing it through a magnetic field, as a non-chemical alternative to water softening.

Rating	Grams/Gallon	Parts/Million
Soft	>1.0	>17.1
Slightly Hard	1.0-3.5	17.1-60
Moderately Hard	3.5-7.0	60-120
Hard	7.0-10.5	120-180
Very Hard	>10.5	>180

Table-1: Water Hardness Chart

There is a lack of peer-reviewed laboratory data, mechanistic explanations and documented field studies and erroneous conclusions about their efficacy are based on applications with uncontrolled variables. Magnetic water treatment is regarded as unproven and unscientific. There are, however, some studies which have claimed significant effects and proposed possible mechanisms for the observed decrease in water scale.

Vendors of magnetic water treatment devices frequently use pictures and testimonials to support their claims, but omit quantitative detail and well-controlled studies. Advertisements and promotions generally omit system variables, such as corrosion results or system mass balance analytical, as well as measurements of post-treatment water such as concentration of hardness ions or the distribution, structure and morphology of suspended particles.^[2]

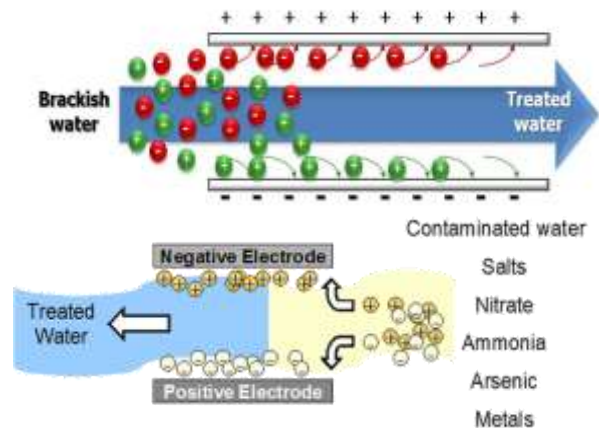


Figure-2: Magnetic Water Mechanism

Mechanism: Duration of exposure and field strength, gradient, rate of change and orientation along or perpendicular to flow are variously cited as important to the results. Magnetic water treatment proponent Klaus Kronenberg proposed that the shapes of solute lime molecules are modified by strong magnetic fields, leading them to precipitate as spherical or round crystals rather than deposit as sheets or platelets of hard crystals. Simon Parsons of the School of Water Sciences at Cranfield University proposed that the magnetic field reduces the surface charge on small particles, increasing the tendency to coagulate as large particles that stay with the flow rather than depositing as scale. However, an internal study in 1996 at Lawrence Livermore National Laboratory found no difference in preferred crystal structure of scale deposited in magnetic water treatment systems.

Liu et al. and Coey and Cass published research in 2010 and 2000 demonstrating that magnetic treatment causes water containing minerals to favor formation of a more soluble form of calcium carbonate (aragonite rather than calcite).^[3]

Charged water: This is really a separate subject, but the purveyors of at least one magnetic device appear not to understand that there is a distinct difference between "magnetized" water (impossible) and electrically "charged" water (also impossible!), or more likely they hope that the suckers who come to their Web site will be sufficiently ignorant to miss this point.

Preparing Magnetic Water: Easy Methods of Making Your Own. It is so easy to prepare Magnetic Water that even an illiterate person can prepare this water with complete ease. Where the water is being prepared for special purposes, then it is better to have some information of the type of disease to be treated, plus some knowledge of the person concerned as Magnetic Water can be prepared for special purposes. In the same manner as **Ayurveda** tells us the nature of diseases (e.g. 1-Vatt, 2-Pitt, 3-Cough), Magnetic Water can similarly be classified into three categories, so Magnetic Water is as equally effective as a powerful magnet; ('Magnetic Water' contains all the qualities of the magnet upon which it is prepared). We can therefore conclude that this water contains all qualities of Physical, Chemical & Methodological and therefore acts upon the body's life force, giving it the full life force. For the education of both readers and the users, 'Magnetic Water' can be divided into three types; - Namely **South Pole Water**, plus **North Pole Water** and also **Bi-Polar Water**.

Here in this article, we are only concerned with the common use of Bi-Polar Water and thus have limited our comments to the preparation of the most common type of Magnetic Water. Take a strong magnet for which you intend to prepare magnetic water; (This can be either north or South Pole oriented), then find a suitable tumbler that will sit on the upper surface magnet. From a medical point of view, glass vessels are the best for preparing Magnetic Water, because they have no acidic or alkaline reaction with a magnet. Vessels made from earthenware, brass, silver, steel, iron & copper, can be used, but are not as effective and certain techniques must be observed regarding the placement of the magnet in relation to the glass and these can be divided into three sections:

Preparing Single Pole Water: The vessel must be placed directly on the surface of the magnet, with the base of the vessel or glass in direct contact with

the magnetic pole required. The vessel is left in this position for several hours and some find it more convenient to leave it overnight so that the magnetized water can be consumed early the next morning.

The Preparation of Bi-Polar Water: This is done by placing two high powered magnets side-by-side at a distance of at least 1"-2" (2.5-50 cm.) apart. This is necessary to create the desired magnetic field between the two poles. It is very interesting to note that if the two magnets are kept together, the polarity of the North Pole may dominate that of the South Pole. This creates a field of non-healing and activates an acidic force, so the poles of both of these magnets should be opposed to each other. For example, if one magnet is facing upwards with the North Pole, then the second magnet should face upwards with the South Pole. This technique can be done more conveniently by using a 'Matlea' water stand, magnetic disc and magnetic water glass.

Selecting the Power of Magnets: For best results it is recommended that the power of the magnets should be between a 1,000 - 2,000 'gauss' reading; ('gauss' is a scientific measurement to determine magnetic power of various items). In this regard, it is necessary to use such power in order to kill any harmful bacteria in the water. Lower powered magnets may ionize the water, but it will take a long time to have the effect of producing high quality Magnetic Water and chronic types of diseases require more powerfully magnetized water to bring them under control. Thus, it is better to prepare Magnetic Water with powerful or super high powered magnets, if you want to get miraculous results.

Drinking Magnetic Water: After the preparation of Magnetic Water, it is best to be taken morning and evening, one hour before meals, but it can also be taken during the day on a needs basis. Most people like to drink cold water during the summer season, but from a medical point of view, cold water is a creator of coughs and constipation. It slows down your bowel actions and even decreases the breathing capabilities of your body. Furthermore, when cold water is consumed in large quantities, it slows down the blood circulation within the body, so health conscious people are advised not to drink very cold water regularly. If people want to use cold water due to some personal compulsion, then they are advised to drink it in small sips, or keep it un-refrigerated for some time, to allow it to normalize to room temperature.^[4] The best method for the consumption of Magnetic Water is to take a volume of it early in the morning, then only take it in small sips during the day. If you must drink cold Magnetic Water, then you are advised to use a Bi-

Polar Water Stand and place it in a refrigerator for the preparation of your Magnetic Water, in order to keep it free from bad effects. Magnetic Water that is made using this technique must not be made hotter or colder, as this would destroy some of the valuable medical properties of such water. Specific Illness Treatments. As we stated previously, the treatment of specific illnesses depends on the nature of both the disease and the patient, and patients of a 'Vatt' (Air) nature, should take Bi-Polar magnetized water. Conversely, people of Cough nature, should take North Pole Water and Pitt nature people, (who exhibit signs of heat and acidity), should be consuming water prepared with the help of the South Pole. It has been found during research, that South Pole water is more commonly used and that generally North Pole Water is used only to boost or improve the immune system.

Hydrodynamic Magnetic Resonance allows us to correct the properties of chaotic molecules found in our water today. After the water is magnetized, the molecules immediately re-group themselves into strict rows and the water becomes biologically active. The resulting health benefits are numerous. After consuming magnetic water, our body receives enhanced energy and is more capable of fighting off diseases and our immune system is strengthened. Biologically Active Drinking Water Promotes Optimal Health. Experience the taste of good health and vitality.

Forty six reasons why our body needs magnetized water every day:

(1) Without water, nothing lives. (2) Comparative shortage of water first suppresses and eventually kills some aspects of the body. (3) Water is the main source of energy – it is the “cash flow” of the body. (4) Water generates electrical and magnetic energy inside each and every cell of the body – it provides the power to live. (5) Water is the bonding adhesive in the architectural design of the cell structure. (6) Water prevents DNA damage and makes its repair mechanisms more efficient – less abnormal DNA is made. (7) Water increases greatly the efficiency of the immune system in the bone marrow, where the immune system is formed (all its mechanisms) – including its efficiency against cancer. (8) Water is the main solvent for all foods, vitamins and minerals. It is used in the breakdown of food into smaller particles and their eventual metabolism and assimilation. (9) Water energizes food and food particles are then able to supply the body with this energy during digestion. This is why food without water has absolutely no energy value for the body. (10) Water increases the body's rate of absorption of essential substances in food. (11) Water is used to transport all substances inside the body. (12) Water increases the efficiency

of red blood cells in collecting oxygen in the lungs. (13) When water reaches a cell, it brings the cell oxygen and takes the waste gases to the lungs for disposal. (14) Water clears toxic waste from different parts of the body and takes it to the liver and kidneys for disposal. (15) Water is the main lubricant in the joint spaces and helps prevent arthritis and back pain. (16) Water is used in the spinal discs to make them “shock absorbing water cushions”. (17) Water is the best lubricating laxative and prevents constipation. (18) Water helps reduce the risk of heart attacks and strokes. (19) Water prevents clogging of arteries in the heart and the brain. (20) Water is essential for the body's cooling (sweat) and heating (electrical) systems. (21) Water gives us power and electrical energy for all brain functions, most particularly thinking. (22) Water is directly needed for the efficient manufacture of all neurotransmitters, including serotonin. (23) Water is directly needed for the production of all hormones made by the brain, including melatonin. (24) Water can help prevent attention deficit disorder in children and adults. (25) Water increases efficiency at work; it expands your attention span. (26) Water is a better pick-me-up than any other beverage in the world and it has no side effects. (27) Water helps reduce stress, anxiety and depression. (28) Water restores normal sleep rhythms. (29) Water helps reduce fatigue – it gives us the energy of youth. (30) Water makes the skin smoother and helps decrease the effects of aging. (31) Water gives luster and shine to the eyes. (32) Water helps prevent glaucoma. (33) Water normalizes the blood-manufacturing systems in the bone marrow – it helps prevent leukemia and lymphoma. (34) Water is absolutely vital for making the immune system more efficient in different regions to fight infections and cancer cells where they are formed. (35) Water dilutes the blood and prevents it from clotting during circulation. (36) Water decreases premenstrual pains and hot flashes. (37) Water and heartbeats create the dilution and waves that keep things from sedimenting in the blood stream. (38) The human body has no stored water to draw on during dehydration. This is why you must drink regularly and throughout the day. (39) Dehydration prevents sex hormone production – one of the primary causes of impotence and loss of libido. (40) Drinking water separates the sensations of thirst and hunger. (41) To lose weight, water is the best way to go – drink water on time and lose weight without much dieting. Also, you will not eat excessively when you feel hungry but are in fact only thirsty for water. (42) Dehydration causes deposits of toxic sediments in the tissue spaces, joints, kidneys, liver, brain and skin. Water will clear these deposits. (43) Water reduces the incidence of morning sickness in pregnancy. (44)

Water integrates mind and body functions. It increases ability to realize goals and purpose. (45) Water prevents the loss of memory as we age. It helps reduce the risk of Alzheimer's disease, multiple sclerosis, Parkinson's disease and Lou Gehrig's disease. (46) Water helps reverse addictive urges, including those for caffeine, alcohol and some drugs.^[5]

Health Benefits

Water, which makes up over 70% of our body composition, is the most influential and vital component of our health, providing the body with the ability to maintain good health and prevent deterioration. However, this can only be achieved if the quality, content and structure of the water meet the body's requirements. By magnetizing your water with our H₂O Energizer Personal Use System, its molecules line up in a +, -, +, -, sequence. This process changes the water's properties, reducing its surface tension, reducing viscosity, increasing dissolvability, increasing permeability and increasing oxygen content, all of which makes its nutrients more readily available to our body. Water is then said to

be "biologically alive". If we took two glasses of water from the same place in the same stream — one glass taken a thousand years ago and the second glass, taken today after pollution has affected the stream's properties — we would see a measurable difference in the two glasses. In the first glass, all the molecules would be in the right sequence: +, -, +, -, and +, -, +, -. The second glass, would present a totally different picture because most of the water molecules would be in a chaotic order. This is due to massive amounts of pollution caused by the last century's worth of global industrialization and technologies that interfere with the geomagnetic force of our planet.

What is Good Water?

It's funny how one word can have so many different meanings. For example, when "good" is used to describe water,

What are all the possibilities of that meaning?

It could mean sweet tasting. Or it could mean soft. To many it could mean bottled. To some, it means you can see through it. To others, it's an acceptable color of tan. Or brown.



Figure-3: Plants accept Magnetized Water

At Omni Enviro, our starting point for **good** water means it actually enters the cellular structure of the plant or animal. Water that doesn't hydrate, isn't **good** water as far as we're concerned. After all, the number one reason for illness in all living things world-wide is dehydration. Since hydration is the basis for cellular health and vigor, then that's our starting point. (We add a lot of other benefits that make **good** water the **best** water, but we'll get to that in a minute.) Here's the hard part to swallow: A lot of sweet tasting, soft, bottled water doesn't hydrate very well. Even if you can see through it. That's because many of the water molecule clusters are too large to enter the cellular structure of the plant or animal. Unfortunately, that sort of **good** water passes right by the cells. But when water is processed through the hydrodynamic magnets of the Omni system, the oversized water molecule clusters are broken down into miniscule units, with only six water molecules in each cluster. That

incredibly small size is completely bioavailable to the cellular structure, able to easily enter the cells and more fully hydrate. If the idea of water being broken down into clusters of six water molecules seems foreign to you, just look at a snowflake, the basic unit of frozen water. How many legs does a snowflake have? Six. To try to give an idea of how small that is in comparison with typical, untreated water molecule clusters, it's like comparing flour to sand. Now, back to hydration. Full hydration balances typical negative elements that might be hiding out in the cells, making them nonfactors in terms of negative influence.^[6] Full hydration in plants creates healthier, more robust plants that produce greater yields and require less water, since every drop of Omni water hydration is capable of entering cells. In humans, full hydration means a boost in the immune system because of the speedier, more efficient delivery of nutrients and removal of toxins from those cells. It degasses

chlorine, chloramine and fluoride, making them non-interactive with the body. For all living things, this water breaks down minerals into smaller units and holds them in suspension, so they more effectively enter the cells. Examples of animal health: Omni water reduced the mortality rate of chickens by 200-300%. It created larger litters of piglets that grew to maturity faster. Examples of plant health: Omni water increased the yield on a test plot of spinach by 35%; provided 100 more boxes of sweet corn per acre (27% increase); produced increases of broccoli by 21%, lettuce by 24%, and 606 more melons per acre. Now that's **good** water. And that's why you don't need as much of it to do a better job. It's why we can guarantee a minimum 10% increase in yield for a minimum of 10% less water used. But Omni water gets even better than just "good." It won't allow scaling—and even removes scaling. It washes salts away from the root structure of the plant. It balances pH and much more. The benefits go on and on. The bottom line? We deliver healthier, hydrating water. That's where "good" begins. Magnetized Water Omni Enviro's proprietary Hydrodynamic Magnetic Resonance technology explained:

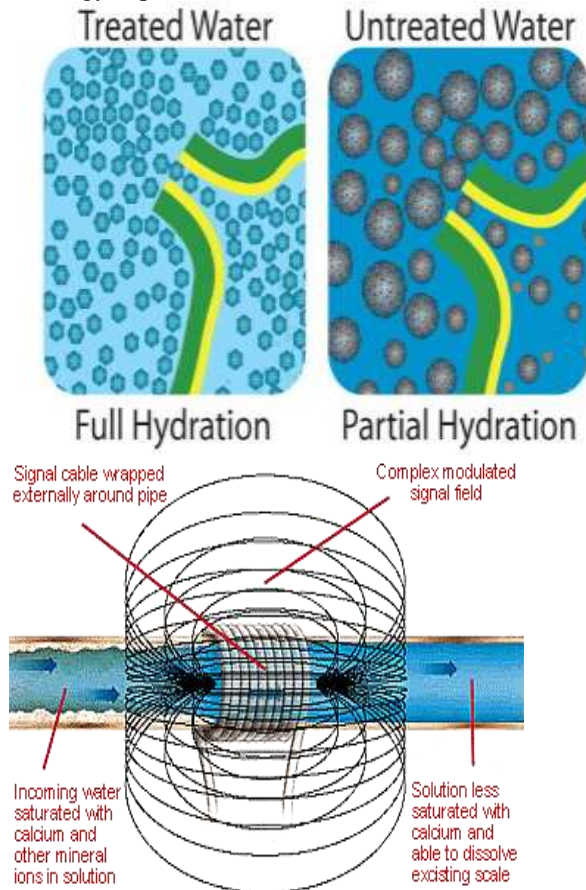


Figure-4: Effect of hydration on magnetic water

A water molecule consists of one oxygen and two hydrogens. Thus: H₂O. Simply put, the oxygen act

as a negative, while each hydrogen acts as a positive. Water molecules do not travel alone. They form clusters with other water molecules by the attraction of positive hydrogen of one molecule to the negative oxygen of another. Water molecule clusters come in many sizes, depending on the number of water molecules involved. In the case of water that has not been magnetically structured, the water molecule clusters are generally comprised of many water molecules that are loosely attracted. This loose and chaotic form of attraction allows for toxins and pollutants to travel inside the water molecule cluster. As these water molecule clusters pass by the cell membrane, many of them are sloughed off because they are too large or because of the toxins contained, which the plant is programmed to reject. The smaller of these chaotic clusters will enter the cell, some carrying toxins with them. It requires a great deal of unstructured water to hydrate a plant. Magnetic field, when applied to normal water, restructures the water molecules into very small water molecule clusters, each made up of six symmetrically organized molecules. This miniscule cluster is recognized by the cell as **bio-friendly** due to its hexagonal structure and because the toxins cannot travel within the cluster and easily enters the passageways in plant and animal cell membranes. The result provides maximum, healthy hydration with less water.^[7]

Benefits of Magnetized Water

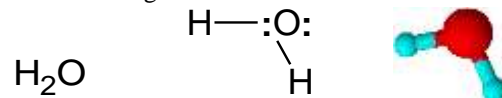


Figure-5: Water (molecule, electronic and 3D structure)

Magnetic field further breaks down minerals into smaller particles making them more bio-available to the plant cells. The bottom line results are dramatic: maximum hydration of healthy water with greater uptake of minerals results in greater yields, larger and better end product, earlier maturation, longer shelf life, and healthier plants. It allows a reduction of amount of water needed, fertilizer and pesticides. Since the magnetic structuring breaks all minerals into smaller particles, salt in the soil is broken down by the structured water, causing it to sink deep into the soil, away from plant roots, and wash away. The desalinization happens quickly over a season, creating much healthier plants, greater yields, and better final product. Since the hexagonal water molecule cluster won't allow the bonding of minerals to it, magnetically structured water removes scaling from pipes and won't allow new scaling to take effect. The Omni Enviro H₂O energizer is a simple flange containing powerful,

specific inductance magnet tubes that restructure the water and minerals passing through them into a more fulfilling and productive bio-available form.^[8]

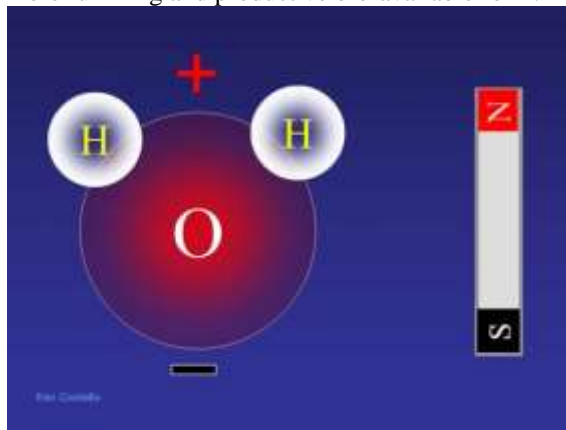


Figure-6: Magnetization of Water

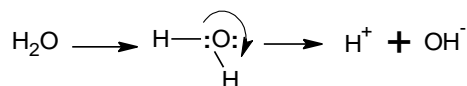
Benefits to People: Many natural as well as man-made influences have affected the molecular structure of our water supply. Environmental waste, toxins and minerals – as well as chemical additives that treat our municipal water supply – combine to produce **dead water**. You can try to filter and purify this water, but it cannot be biologically active without the application of magnetic resonance. By improving the ability of our drinking water to dissolve compounds, we can increase its oxygen content. This enhancement, in turn, makes natural nutrients more readily available to our bodies. In addition, Magnetized Water has increased alkalinity, which helps to regulate the body's pH level.

Benefits to Our Environment: Finally, by safely and efficiently activating existing water supplies, we practice water conservation and environmental sustainability.

Conclusion

What is Bio-Magnetic Water?

Water is paramagnetic – meaning that it will hold a magnetic charge. In nature, the earth's magnetic field naturally charges water in lakes, wells and running streams. However, as water passes through treatment plants and is transported through pipes to your home or work place, it loses its magnetic charge. Treating water with magnetic fields simple restores the natural energy and balance that nature intended. Magnetized water has more hydroxyl (OH-) ions that form alkaline molecules which reduces the acidity. Normal tap water has a pH of about 7. Magnetized water is more alkaline and can have a pH as high as 9.2. Magnetizing water reduces the surface tension of the water making it feel softer. It is thinner, wetter and more absorbable, so it is better able to penetrate cell walls and deliver the nutrients that it carries.^[9]



Health Benefits

Our body is over 70% water. All biological functions including circulation, digestion, absorption and excretion depend on water. Water is required for blood, the lymphatic system and healthy skin and muscles. It is well known among health professionals that when we are sick, the pH of our body is more acidic. Magnetized water, which is more alkaline, raises the pH of our body, which allows the body to get rid of the toxins. Bio-magnetized water is believed to be energy-building, activating, cleansing and detoxifying. People have reported resolving bladder problems, recovering quickly from a stroke, alleviating arthritis pain, reducing blood pressure and breaking up kidney and gall stones by drinking magnetic water. Scientific studies have proven that magnetized water has health benefits for animals. Therefore it seems reasonable that it should also be beneficial for humans. Reported health benefits of drinking magnetic water include: (1) Magnetic water tastes sweeter and has more clarity. (2) Magnetic water reduces acidity in the body and promotes a more alkaline pH (pH>7). (3) Magnetic water promotes healing of wounds and burns. (4) Magnetic water has a therapeutic effect of digestive, nervous, and urinary systems. (5) Magnetic water can be beneficial for asthma, fevers, colds, coughs, bronchitis and sore throats. (6) Magnetic water can be beneficial for menstrual and menopause discomfort. (7) Magnetic water revitalized the body. (8) Magnetic water has a positive effect on the autonomic nervous system. (9) Magnetic water can help regulate the heart function and clear clogged arteries. (10) Magnetic water is beneficial for kidney ailments (removal and prevention of stones), gout, obesity (it improves metabolic activity) and premature aging. (11) Magnetic water helps relieve pain. (12) Magnetic water infuses energy into the body, controls bacteria, and stimulates brain function. (13) Magnetic water can help dissipate toxic deposits in the body's connective tissue. (14) Magnetic water can regulate blood pressure (high or low). (15) Magnetic water can be used to wash and disinfect external cuts and scrapes. (16) Magnetic water will remove the plaque on your teeth if you use it to brush your teeth, rinse your mouth, and drink. (17) Magnetic water will make the hair softer and more manageable while using less shampoo when used to wash the hair. (18) Magnetic water is ionic so it helps reset the charge on cell walls, thus promoting better circulation.

Pets: Your pets will enjoy many of the same benefits from bio-magnetic water that you do. They will drink more water, have more energy and feel

younger and healthier. A friend was giving her dogs magnetic water. When she moved, she temporarily had to give them tap water. After a few days, they began scratching all the time. When she started them back on bio-magnetic water, the scratching stopped almost completely.

Plants: Bio-Magnetized water will help your plants grow stronger, greener and larger. In one study seedlings' germination rates were 68 % with bio-magnetized water, while with non-magnetized water only 8% germinated. In another study, Texas A&M researchers found that squash weighed 24% more when it was grown with magnetized water vs. non-magnetized water. Bio-magnetic water is more solvent and has a lower surface tension, so nutrients in the water are absorbed more readily. Thus you get a healthier plant while using less fertilizer.^[10]

Other Fluids & Uses: Almost any fluid can be magnetized. Using Bio-Magnetic Water will drastically improve the taste of coffee, tea and foods. Foods and beverages made using magnetic water will acquire the same healing powers as bio-magnetic water. Cosmetics, facial and skin products function a lot better when magnetized. Magnetized milk will give vigor and vitality to the

weak and exhausted person. Magnetized milk has been proven useful for recuperating and enhancing sexual power. When fruit juices are treated with bio-magnets, they become more refreshing and give more nourishment. Beer can be magnetized to give better effect. Magnetized olive oil can be very rewarding in the treatment of gout and rheumatism. Use bio-magnetic water to make your coffee and after a month or two the inside of your coffee maker will look like new. The bio-magnetic water will remove the scale build-up in your coffee maker.

How to make Bio-Magnetic Water: Making Bio-magnetic water is quite simple: just place a glass or container filled with water on a magnetic pad. Never use a metal container. You want to use a container that has a flat bottom without any raised edges. You want the bottom of the container touching the magnet pad. How long you need to leave the water on the magnet will depend on how much water you have. It won't hurt to leave it there longer; you can even just leave the container on the pad and refill it as you use the water. The water will stay magnetized for several days after you take it off the magnet.^[11]

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