

ANCIENT FUTURE PARADIGM IN WATER

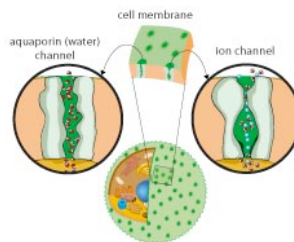
THE MISSING LINKS AND THE SOLUTION TO THE HYDRATION, OXGENATION AND DETOXIFICATION OF HUMAN CELLS

For decades now we have operated without the proven scientific knowledge of the mechanism and chemical balance of the water that allows our cells to hydrate, oxygenate and detoxify. This essential knowledge for our health, and the solution, is now available right here.

Our end of it was to develop the technology and deliver the missing links in a practical, economical and responsible way. Please find below the body of scientific groundwork leading up to our end of it, and where we are going with it.

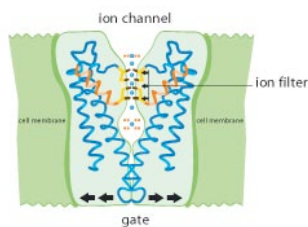
Circa mid nineteen eighties Peter Agre MD, professor of biological chemistry at John Hopkins school of medicine, and his colleagues were searching for proteins that are part of the Rh factor. They soon discovered copious amounts of a much smaller unknown protein. Within a year this protein was proven to be biology's elusive cellular regulator of water transport.

It was found that these tiny named aquaporins, can water molecules at a time channels. The rate of flow hundreds of millions per through hundreds if not per cell. These numbers for layperson a true perspective on the size of a water molecule and the amazing complexity of our cells. Yes, hundreds of billions of water molecules per second per cell.



protein channels they receive only single through the protein was calculated in the second per channel, thousands of channels the first time give the

During the same period, Roderick MacKinnon M.D. biophysicist, x-ray crystallographer, and professor at Rockefeller University, was also working with human cells. He explained how a class of proteins helps to generate nerve impulses – the electrical activity that underlines all movement, sensation and perhaps even thought.



The proteins, called ion channels, are tiny pores of our cells. These channels allow the passage of potassium, calcium, sodium and chloride molecules called ions. Rapid-fire opening and closing of these channels releases ions, moving electrical impulses from the brain, in a wave, to their destination in the body.

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For fifteen years after their discoveries, an enormous body of work by hundreds of medical researchers in universities around the world have not only validated their claim, but have shown that virtually all life on this planet operates on the same principals of hydration, oxygenation and detoxification of their respective cells.

In 2003 Dr. Agre and Dr. MacKinnon were jointly awarded the Nobel Prize in chemistry for their respective bodies of work. I encourage all of you reading this to read all of the papers written on this topic, as it will enlighten your path to a healthy life and immune system.

In the late nineteen nineties, Melonie Montgomery PHD of Fenestra Research, revealed her seminal work that discovered the correct chemical balance of water to meet the criteria (above) of single water molecules only through the aquaporins. This has opened up the single biggest breakthrough in practical water science to date.

We now have the means to test water, or any other beverage, to see immediately if it will hydrate, oxygenate, detoxify or not. Fenestra was focused on building a cellular analyzer to take the guesswork out of the wellness information being widely quoted in the health care field.

One of the big payoffs of the analyzer was its ability to isolate the correct chemical balance of water. This opened the window into testing mathematically, the fluid level differences between urine, (what your body is releasing) and your saliva, (which is what your body is holding on to.) Some thirty five thousand human subjects have gone through hydration testing at Fenestra over the past seven years.

This testing clearly shows that the current state of the average human's chemical capability is not up to the challenge of processing enough water even if the correct amount of water is consumed every day. Some ninety four percent of the above group were significantly dehydrated. The need for a dependable

economical resource to energetically balance, and stabilized water, in vast amounts, is the battle cry for all life on this planet.

My partner Exavier Phoenix can best be described as a renaissance man of the quantum universe, and a genuine visionary. Exavier found the solution in nature with various blends of rock minerals. Bringing them into what he describes as the high matrix, they balance water chemistry to a near perfect match for nature, and Fenestra's research values for human hydration.

In a nutshell, Exavier's discovery, and the creative application of it, solve the problem of the natural bond hydrogen atoms have with themselves, which impede the process of adequate hydration. Knowing the miracle of how it works now, we solved the problem by creating a quantum event with rock, inside surgical grade polymers.

The high matrix energy of the minerals bypassing the polymers releases the hydrogen bond with the other water molecules. Simultaneously the freed water molecules are stabilized with this natural energy for a minimum of 48 hours in an open bottle, hence revealing and solving the missing link to hydration, oxygenation and detoxification for all life on this planet.

I would like to add to and clarify the last paragraph above. For three years now we have been conducting human clinical trials for hydration, oxygenation and toxicity, as well as testing different waters. It has become crystal clear that the last paragraph is what hydration is about, not where the water comes from, but about the chemical balance before you drink it. As long as you have clean potable water and the correct water chemistry, you are on the way to an average of a four hundred and sixty six percent increase in hydration, per our last three-month one hundred-subject study. This is an average of a 30% savings in water.

By the way my name is David Schneider and along with my partner Exavier, invite you to join us step by step to see what we have learned about the effects of drinking the daily-recommended amount of water with this technology. All of our clinical trial reports and technical papers can be read or downloaded from Clinical Trials on the left sidebar.

THE JOURNEY

Just over three years ago we started working on the **Stirwand™** technology to bring this missing link of hydration to market with the smallest environmental impact as possible. We believe that this simple tool will revolutionize how we look at water and our health, as well as the universe we all live in.

About two and a half years ago I sent the first Stirwand™ to Fenestra Research in Las Vegas to find out what it did to water based on their testing procedures. Ms. Montgomery called me and said she was pleasantly surprised to see the

technology balanced the eight parameters of water chemistry for hydration, from a glass to a gallon in just twenty seconds.

Moreover she observed another phenomenon that the stirred water was not losing any energy after the wand was removed. Later, this led to a series of remarkable short and long term stability tests. The two important ones are: Stirred water will remain more than 99% stable for a minimum of forty eight hours in an open bottle and stirred water in a sealed bottle will remain more than 95% stable for a minimum of three months.

The universally excepted formula for how much water a human should consume everyday is one half of your body weight in ounces. All of our human clinical studies have followed this format.

We first tested five people for two weeks, with two on tap water (5.5 Ph) and three on purified water (5.8 Ph). One of the subjects on purified water had his blood drawn and tested for oxygen content, first at baseline, and then at the end of two weeks. All subjects were tested before and after with hospital quality pulse oximeters. (Accurate to .50 of one percent)

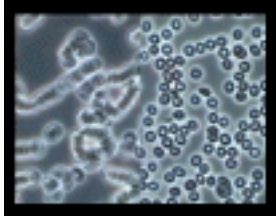
The results showed an average increase from baseline hydration with tap water of 18.5%, and 20.1% with purified water. The oxygen increase averaged 9.7% with oximeters. The one blood draw showed a substantial increase of 12%, this we see occasionally in later tests as well.

Having the confidence now, we set out to make a legal claim for hydration/ oxygen with fifty people over a period of thirty days with purified water only (7.0 Ph). These results showed a 23.5% increase over baseline hydration and a 9.8% increase in blood oxygen, with twelve subjects drawing blood. All fifty subjects showed a 9.4% blood oxygen increase with oximeters.

As you can see our statistics are improving and will continue to as we move into our next study. This is because of Exavier's never-ending research and improvement of the high matrix minerals. The noticeable differences are found in the milliwatt output. Starting the first study at 2100 milliwatts, the second to 3450 milliwatts, and ending the third with the production of the 24/7 at 11,408 milliwatts.

After this, we went to our first convention with medical doctors, and were told by some that this was the most astonishing discovery they had ever seen in medical science. Modern medicine has no way of raising and sustaining hydration and oxygen naturally in a human. They were astounded at how fast the blood oxygen increased, and how it would obviously saturate all the cells in the body with oxygen. We had a successful show but were sent home with an itemized list for the test the doctors wanted to see next.

An opportunity came up to do a three-month study and we took it. This time we had a control of fifty subjects on just purified water at 7.0 pH, and fifty subjects on stirred water at 7.0 pH. The placebo group showed a 6% average increase over their baseline with the stirred group recording a 28.5% increase over their baseline, thus giving the stirred group a 22.5% margin over the placebo group.



[\[see actual blood microscopy video\]](#)

The blood work improved as well as the baseline, on the twelve arterial blood draws that averaged 88% (1.4% lower than before) and topped out at an average increase of 10.25% over their baseline at two weeks. The oximeters averaged 10.33%

The doc's had us put in a new wrinkle with the use of blood microscopy on the twelve arterial blood draws to see what was visually happening when the blood is saturated with this much hydration and oxygen. You can click on one of the movies any time you want, but in short, lifeless blood came back to healthy hydration and oxygen levels in a week, with a 7% increase in blood oxygen (88% to 95%). Cells completely stacked up, released free and moving with oxygen in this amount of time. All this happened, by just consuming an average of only three quarts of water per day for one week. At this point we began believing that drinking Stirwand™ water is every bit as vital as breathing oxygen through our lungs, and as we will see, maybe more so.

And, of course, what we have all been waiting for is, will this test be long enough and the product good enough to finally yield a measurable cellular toxin release. Yes, we observed for the first time, a significant reduction in cellular toxins. Releasing toxins is solely dependent on the body's ability to hydrate, and somehow it really takes awhile to get going. Unlike hydration and oxygenation numbers that are well over 90% complete in two weeks, of what they will be in 90 days, significant toxin release did not start showing up until after sixty days.

It seems as a human race we are so toxic that it takes even a therapeutic solution like this a couple of months just to get out the resident toxins, before addressing the measurable arena. The reason I say this is because I have listened to people report on this for three years and a lot of the raving is about how much they are detoxifying right from the start.

Frankly, we are really pleased because Fenestra has never seen anything close to our numbers in toxin release, even with tests running much longer. Toxins are tough, but not tough enough. At the end of our three-month study we are showing an 18.2% drop in cellular toxins. I asked Ms. Montgomery to write a paper to explain all this, so that you can get it first hand.

In adding all this up, what comes clear first is that we shot ourselves in the foot when the industrial revolution really took off sixty years ago. First we killed our natural water, air and food supplies with chemicals, virtually stopped drinking water altogether, and then started in on diuretics. What do you expect, when you eliminate the only way a human has to clean out the toxins, and then flush out any chance at all with diuretics. Result: Hundreds of new serious medical problems are now occurring that never existed sixty years ago. There is no known substitute for drinking water.

Untold volumes have been written on this subject. Every lecture ever given, and every book ever written on health boils down to one essential challenge: hydration, oxygenation and detoxification of human cells. I don't want to be the bearer of bad news here, but we are all human and we require, based on our weight, two to four quarts of water a day to live healthy lives. Until now there has been nothing that could deliver sustainable therapeutic levels of hydration and oxygen to the cells and allow your body to release the toxins as well.

All of the technical details are covered in the clinical studies and the subsequent papers that are written around them. These should answer most of your questions, and I would like to add a few thoughts about what we have gained from this.

SUMMARY

Certainly, the knowledge of how much oxygen our cells receive from drinking balanced water is of the utmost importance to our health. Our lifestyle choices of eating, drinking, exercising and our environment, have put our lives at great risk. We have a solution that can remedy the problem, if people will alter their commercial fluid intake of diuretics, and start hydrating, oxygenating and detoxifying with balanced water. Medical professionals have clearly stated for some time now, that approximately seventy five percent of all disease starts somewhere, sometime in your life, from dehydration and lack of oxygen in the cells.

Oxygen is not everything in health but it is certainly among the top two. It is written that more than 60% of our physical weight is oxygen. Makes sense, every cell in our body is made up of oxygen and its atom size is eight times bigger and sixteen times heavier than a hydrogen atom. It is impossible for us to have any mental thought or physical function without it. We have deprived our bodies from

the copious amounts we are validating with our research, by not being able to balance the chemistry internally ourselves.

To focus a little tighter here on this subject and really bring this point home, we need to turn back the clock seventy-seven years. In 1931 Otto Warburg won the Nobel Prize in chemistry for proving that a healthy (aerobic) slightly alkaline cell turns to cancer when you take away the oxygen (anaerobic) and goes slightly acid. This is highly recommended reading.

Another vital topic is our immune systems, and how they are being affected by the lack of resources to defend us from disease. The immune systems primary resource to fire up the goods is oxygen. We have made the case here that drinking balanced water with these statistics, is every bit as vital to human health as breathing oxygen through our lungs. We may never know what the percentage difference is between the two, but it is not a hard reach to see that our designer meant for both of these systems to work synergistically for optimum mental and physical health. Balanced water may very well be the best preventive medicine there is, as it saturates all of our cells with oxygen.

THE EIGHT WATER CHEMISTRY PARAMETERS

Now for the driving force behind all of the results, especially the toxin release statistics: energy. I would like to briefly address the eight parameters of water chemistry for hydration at this point. For a much deeper view on this subject, go to Fenestra's reports under clinical trials.

One and two are tests for energy, recording the **milliwatts** (or potential coherent energy) and **millivolts** (kinetic energy which is confused energy). Exavier's high matrix minerals bring the test water up from 90 milliwatts up to 11,408 milliwatts while dropping the kinetic energy from 238 millivolts to 136 millivolts, with a 20 second stir. Result, highly charged negative ions to do your free radical scavenging, (-102 ORP) along with mental and physical energy that will really put some steam back into your stride.

Three, four, five, and six are: balancing **resistivity**, **conductivity**, **surface tension** and **specific gravity**. Based on the mineral composition, and what else may be in the water, these numbers will change but not dramatically in common potable waters. You have to have excessive minerals or have a lot contaminates to do that, as was witnessed with the results from testing different waters.

Surface tension is the most misunderstood of all of them all, as it is widely believed that a low number here is beneficial. Going back to the description of how a cell receives water molecules, if there is too low a surface tension, the cell would collapse or simply not allow the water molecules to come in. Using a scale of one to a hundred, the purified water for the test was 67, giving the cell good strong integrity.

Specific gravity is really the dark horse here as it is rarely ever spoken about in the water world. Simply put, if your water does not have a very low specific gravity, you will not hydrate. There is a good chance that one of the most difficult tasks, of our own in house chemistry, is to lower the specific gravity of water. Perfect specific gravity is 1.0 and we bring any water down to 1.002, except horribly contaminated tap water that we still brought down to 1.003 from 1.023. Most spring or purified water is in the neighborhood of 1.015 to 1.011, well above the threshold of 1.009.

Number seven, the **pH** must remain stable or everything else falls apart. Last but not least is **stability**, the strongest point here. The high matrix minerals work on water of any pH, allowing this technology to be used with any potable water, any where in the world at any time. And there you have the eight missing links to balance water for hydration, oxygenation and detoxification of the human cell.

Let me clarify that all of the testing was done on the Stirwand™ that we call the 24/7. This is the only one that we can make the actual percentage claims on. We make eight different Stirwand™ that if you run the in vitro water analysis (the eight guys above) like we did on the 24/7, they would virtually all look the same except for the amount of energy they put out. The only difference is the blend of minerals that Exavier uses to produce the subjective changes between them.

OTHER APPLICATIONS AND THOUGHTS

As the scientists clearly pointed out in their research to validate Dr. Agre and Dr. MacKennon's claims, virtually all life on the planet hydrate and oxygenate through these pathways. Dr Agre wrote in one of his papers about the implications of this information (about his discovery of aquaporins) and the association that it has in agriculture.

Having been an agricultural soils consultant back in the seventies, I can see that foliar feeding, that is mixing your fertilizer solution and spraying it on the leaves. Absorption will be enormously enhanced. To make the fertilizer solution work in agriculture today, a surfactant is used to break up the water molecules to penetrate the leaves more easily.

Now all they have to do is use Stirwand™ technology to eliminate the extra use of chemicals. In my estimation, it is likely that the farmer will be able to cut way back on the amount of fertilizer used, because of the efficiency of the balanced water penetrating the leaves.

Ground watering will dissolve more nutrients in solution for the root zone to see with significant savings in the cubic feet of water used. I have not seen any indicators that this product will, under organic conditions do any more than balance the natural event going on in the soil. Any farmer that knows his salt

would want as much of an aerobic presence in the soil as possible. I have not found this product to enhance size or bud count, but as the plant becomes more disease and bug resistance, and the health improves, natural size and bud count will be achieved. You will also find that the fruits and vegetables will have a longer shelf life.

Let me make a point here, water is the world's best solvent. We use it to wash and clean just about everything, and it works much better when the molecules are separated from each other. To do this, we use surfactants. This is what every known detergent or chemical cleaner does to water to make it more efficient.

Thinking back now on just how small a water molecule is, what if you had a Stirwand™ in your washing machine to recruit every single water molecule to go to work you, theoretically you would not need any chemicals. You might need a little to knock out some of the odors. If my clothes are not too dirty, I use one fourth of the old normal amount, and if they are dirty, I use half. I am sure you can take the rest from here. We do not recommend using it in dishwashers.

This product will turn aquaculture on its head. The biggest problem is the availability of oxygen to the fish in the water, not having enough oxygen. Lets get something straight here: You cannot add oxygen to water. If you add an oxygen atom to a water molecule it becomes hydrogen peroxide. If you add another it becomes ozone. Whatever amount of water you have, you have a finite amount of potential oxygen. What the balanced water will do is make all of the oxygen available to the fish, by releasing the hydrogen bonds and freeing the available oxygen to them.

This will create the same balance in a fish tank (salt or fresh) or in commercial fishery that it does for humans or plants. Weather conditions control where the available oxygen is in the water, so the fish are always competing for oxygen and space, literally for their lives. With balanced water they can be any where in the tank. The fish will have the maximum amount of oxygen they need, provided the farmer does not over crowd them again, after the balanced water secures an advantage over the current problem. Savings from normal death rates worldwide will be in the billions of dollars annually.

To be continued with athletic performance, livestock, waste management, outer space, and minerals next on the list.

Dave Schneider
President
Quantum Age Water