

Alkaline ionized Water and Metabolic Acidosis

It is a habit of mine to spend about an hour a day on the computer looking up various subjects that strike my fancy or affirm my ignorance in order to learn the latest information on these subjects. I am currently working on a new talk which I hope to have ready in a month, which will try to address some of the unifying principles that govern a healthy lifestyle, including of course, Kangen Water®. In doing such research I came across a surprising amount of data on ionizing water to purify water for consumption, using silver and copper ions, which are totally non-toxic in the amount dissolved in the water. Industrial uses for this ionization process includes water purification plants, currently built in the former Soviet Union, purification systems for swimming pools available in the United States today and purification of water for NASA astronauts for whom this technology was originally developed. The Tennant company currently makes two industrial floor cleaners that work totally on ionized acid water and no chemicals are ever used. The advantages of such technology are obvious, and clearly improve the quality of our lives.

One of the most interesting articles I have come across in researching the medical studies on alkaline ionized water listed in the NIH database, (there aren't many), was an article in a journal called "Therapy Apherisis and Dialysis". Researchers from the Department of Urology from a university in Egypt created a condition of metabolic acidosis in a rat and dog model. This condition occurs in human beings with advanced kidney disease and diabetic ketoacidosis. The animals were then given ionized alkaline water orally or by hem dialysis. The control groups were given ordinary water. The results were dramatic. Alkaline ionized water reversed

the acidosis in rapid fashion, proving that the alkalinity of the water can enter the cells and reverse the acidic condition. The authors strongly urged that human trials using alkalized water, be done in order to determine its efficacy.

I found this to be an exciting article because it proves that the alkalinity and micro-clustering of the alkaline ionized water, has a therapeutic benefit that involves the correction of intra-cellular acidosis without additional alkali, such as bi-carbonates. To those

who state that there is no therapeutic effect of any kind with ionized alkaline water, they are plainly misinformed. I predict that this type of research will produce further inquiry by scientists and doctors and more studies will be done that will prove with scientific rigor, that which we as alkaline ionized water drinkers already know; this is good stuff.



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Horst S. Filtzer MD, F.A.C.S., graduated Cum Laude from Harvard University in 1965. He has 35 years of active surgical practice in General and Vascular surgery. Dr. Filtzer is very active in advancing the use of Kangen Water® as a great benefit to all mankind.