

DID YOU KNOW???

10/26/2018

HYDROGEN INFUSED GAS HAS MANY HEALTH BENEFITS

Over his decades in the private practice of dentistry, Dr. J Tim Rainey of Texas has introduced many lifesaving technologies to the practice of dentistry. As a scientist and activist, he also intervened in many other venues. Several years ago, research led dentistry to the conclusion that acidity caused dental disease. Sugar was NOT the boogey bear as once perceived. The oral environment needed to be acidic for sugar to work its destruction. Baking soda turned out to be the simple antidote while toothpaste has been one of the most destructive products ever sold to the public. The lives toothpaste has cost easily surpasses the lives taken by the recent opioid epidemic. I published this information in many forums unchallenged.

When I inform patients that they are losing calcium from their teeth faster than the body can replenish due to acid drinks, I am often asked “Dr. Rainey, what can I drink?” There is a simple solution, quit drinking acidic drinks. Although my staff and I drank our distilled quality water all day long, plain water just doesn’t have appeal. Recently, after much research and capital investment, Dr. Rainey’s’ distribution and teaching arm, the Texas Institute for Advanced Dental Studies (TIADS®) became the sole distributor for the Biolux Dual Ozonated Water and Hydrogen Fountain unit. Over the last decade, the Japanese have published volumes of research supporting the healthy benefits of Hydrogen. Right, the smallest compound available, H₂ gas. Drinking Hydrogen infused water can have far reaching implications for you, your health, and your loved ones. Now you have a choice of a drink that can have a profound effect on improving your health!

The Biolux unit generates Hydrogen infused water and ozonated water

- a. Drinking Hydrogen infused water facilitates the immune system's scavenging of harmful ROS including hydroxyl and peroxinitrates while leaving the beneficial ROS.
- b. Hydrogen is the most recently discovered antioxidant capable of increasing the immune system antioxidant and anti-inflammatory and capabilities. Meanwhile Hydrogen protects DNA and ensures cell survival and possible cellular damage or destruction by blocking hydroxyl radicals. Research into Hydrogen benefits has documented more than 170 immune function assists.
- c. Hydrogen molecules as a powerful antioxidant rapidly penetrates biofilm and diffuses through cell membranes
- d. The reduction effect from drinking Hydrogen water neutralizes excess free radicals formed as a result of body acidification, effectively suppresses the symptoms and improves physical fitness after acidification.
- e. Hydrogen is the newest antioxidant with superior properties than any other known antioxidants with these features:
- f. Hydrogen molecules are small and can quickly penetrate the biofilm and then diffuse through the cellular membrane into cytoplasm, mitochondria and nuclei.
- g. The effective dose of hydrogen is not toxic nor is a large dose of Hydrogen harmful.
- h. Hydrogen is a moderate antioxidant which does not interfere with the oxidation-reduction reaction of metabolism.
- j. Hydrogen has better compatibility with tissues and organs compared to other antioxidants. Hydrogen is also easily degassed through the lungs.

For more information, go to www.jtrimainey.com click on the Biolux H2 and O3 Generator link....Scroll through the scientific articles and start with “What is Hydrogen Water and Should We be Drinking It ” and “Handwashing Effectiveness”. The Biolux unit is designed for home use and distributes both ozonated water and Hydrogen infused water. Ozonated water is the fastest and most complete sterilant available.

Dr. Rainey’s method of addressing dental unit water line contamination utilizes heavy concentration ozonated water in the dental unit water lines generated by the Biowell units to provide sterile water to his patients and to lessen the pathogenicity of the plumes generated when working in the mouth, resulting in one of the safest water systems in dentistry. We also use the ozonated water constantly throughout the day to wash our hands and decontaminate just about everything we can wet. Hand washing with O3 assures almost instant sterility of the hands, while washing with Clorox would take several minutes to achieve the same level of sterility and washing your hands with soap is a distant third. Ozonated water will eliminate E-Coli in about 15 seconds while Chlorine (Clorox) is basically ineffective at one minute!! This would also apply to rinsing E-Coli contaminated meats and preparation surfaces.

The same technology we use in the office can easily be installed and used at home with the Biolux Dual Ozone Water and Hydrogen Fountain unit.

- a. Just the washing of hands with soap has been shown to decrease the transfer of bacteria and viruses from person to person. Think of how much more effective Ozone is in reducing the transfer of viruses like the common cold and flu viruses.
- b. We now have an Ozone water unit (the Biolux) that can be used in the home for the same reasons we use the Ozone water generators in the dental office. In house hold use, it would ideally be mounted near the sink. Ozone is the most powerful bactericidal agent in nature. Ozonated water achieves rapid and effective disinfection and bacteria elimination in 10-20 seconds.
- c. Any home with a Reverse Osmosis system is ready for installation of a Biolux, and many municipal water supplies provide quality water sufficient for direct use. A simple test with a \$5 TDS meter (Total Dissolved Solids meter) will determine the readiness of the water source.
- d. Pesticides/insecticides: Rinsing vegetables and fruits directly with ozonated water rapidly and effectively degrades pesticide residues as tested by SGS. Ozonated water removes pesticide residue in 1-2 minutes and makes the “shelf life” longer.
- e. Rinsing fish, shrimp, meat and poultry directly with ozonated water provides rapid and effective disinfection, bacteria and microbe elimination as well as pollutant removal.
- f. Ozone water rapidly and effectively eliminates any “fishy” smell” and odors when used for direct rinsing.
- g. Ozone water has several disinfecting and bactericidal applications in daily life: hand-washing, tableware, household utensils, knives and forks, bowls and chopsticks, cutting boards, dish rags, towels, as well as baby’s pacifiers, feeding bottles, and diapers. Ozonated water is instantly effective in disinfecting C PAP hoses and masks. Mopping floors with ozonated water disinfects floors with no chemical residue. Wetting cleaning and dish rags allows simultaneous disinfection of both hands and surfaces.
- h. Ozone water can be added to washing machine water to provide a more effective and gentler disinfection better than Clorox without the risk of chlorine bleaching.

This and more opinion articles are available on the www.jtimrainey.com website. Dr. Rainey is known for his scientific research into tooth structure and has lectured worldwide on these topics. He can be reached @ drrainey@jtimrainey.com or 361 526 4695. Dr. Rainey maintains a private practice in Refugio, Texas @ 606 Osage