# Hydrogen Peroxide

## THE MEDICAL MIRACLE



## AN INCREDIBLE PRODUCT WITH INCREDIBLE PROPERTIES

THE GOOD-LIFE GOOD-HEALTH SERIES

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### Hydrogen Peroxide

#### THE MEDICAL MIRACLE

Hydrogen peroxide  $(H_2O_2)$  is one of the few "miracle substances" still available to the general public.  $H_2O_2$  is safe, readily available, and dirt cheap. And best of all, it works! The multiple uses of hydrogen peroxide ranks it right up there with Dimethyl Sulfoxide (DMSO). If you've never used either of these compounds, then you are overlooking two of the most powerful healing tools ever discovered.



### **Sources & History**

Did you know that you probably had your first sip of hydrogen peroxide shortly after you took your first breath? That's right... mother's milk (especially colostrum) contains extremely high concentrations of  $H_2O_2$ . In light of the fact that we know that one of the main functions of mother's milk is to activate and stimulate the immune system in the infant, the fact that it contains abnormally large amounts of  $H_2O_2$  makes sense.

When ozone mixes with moisture in the air, it forms hydrogen peroxide, which comes down in rain and snow. It occurs naturally in fresh fruits and vegetables, some coming from rain and some manufactured during photosynthesis.

No one yet fully understands the complete workings of hydrogen peroxide, but we do know that it is **loaded** with oxygen. A pint of the food-grade 35% solution contains the equivalent of 130 pints of oxygen, while a pint of 3% hydrogen peroxide found at the local drugstore contains 10 pints of oxygen. We know that when  $H_2O_2$  is taken into the body (orally or intravenously) the oxygen content of the blood and body tissues increases dramatically.

As far back as the early nineteenth century, hydrogen peroxide was widely used in medicine. Many bacterial diseases (including syphilis) responded to H<sub>2</sub>O<sub>2</sub> when no other treatment was effective. In the early twentieth century, H<sub>2</sub>O<sub>2</sub> was used to treat several common diseases, such as whooping cholera, typhoid fever, cough, tuberculosis, and asthma. However, as the pharmaceutical industry began to develop expensive, new drugs, hydrogen peroxide increasingly ignored and finally discarded as a treatment.

#### Cancer & H<sub>2</sub>O<sub>2</sub>

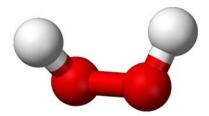
In 1932, Dr. Otto Warburg won the Nobel Prize for his discovery that cancer cells have different metabolic properties than normal cells. Healthy cells are aerobic, which means that they generate energy "with oxygen."

However, cancer cells have reverted to a more primitive metabolic process, called fermentation which is anaerobic, or "without oxygen." Based upon this premise, we know that cancer cells thrive in a low-oxygen environment.

One possible way in which  $H_2O_2$  can treat cancer is by releasing pure oxygen in the body. By saturating the cells and tissues with

oxygen, hydrogen peroxide promotes healthy, aerobic metabolism.

It is important to note that H<sub>2</sub>O<sub>2</sub> apparently does **not** produce free-radical lipid peroxidation, but instead stimulates important detoxifying oxidative enzyme systems. This is the direct opposite of what might be expected.



Dr. Charles Farr has shown that  $H_2O_2$  stimulates oxidative enzyme systems throughout the body, which triggers an increase in the metabolic rate, causes small arteries to dilate and increase blood flow, clears out toxins, raises body temperature, and enhances the body's distribution and consumption of oxygen.

#### Free Radicals & H<sub>2</sub>O<sub>2</sub>

In the 1950's, Dr. Denham Harman developed the free-radical theory of aging. Free radicals are molecules that have a chemically active oxygen atom attached to them and can damage cells. Initially, it seemed that extra oxygen was always damaging, and that the antioxidants were the "good guys," but now it appears that not all free-radical reactions are bad.

For instance, oxygen assists the body's cleansing enzymes in removing toxins, and it is used by the immune system to attack invading bacteria. Also,  $H_2O_2$  stimulates natural killer (NK) cells, which attack cancer cells as they attempt to spread throughout the body. In the body's immune response, hydrogen peroxide is released by T-cells to

destroy invading bacteria, viruses and fungi. Blood platelets release hydrogen peroxide on encountering particulates in blood.

In the large intestine, acidophilus lactobacillus produces  $H_2O_2$ which keeps the ubiquitous candida yeast from multiplying out of control. When candida spreads out of the intestine, it escapes the natural control system and can gain a foothold in the organs of the body, causing what is called chronic fatigue syndrome.

#### **Conclusion**

Most people are familiar with the common drugstore variety of 3% hydrogen peroxide, used for everything from sterilizing a cut to cleaning kitchen countertops. Hydrogen peroxide's sterilizing power comes from its extra oxygen atom.  $H_2O_2$  has a similar cleansing power in the body. But please note, the drugstore variety of  $H_2O_2$  should never be used internally, because of the chemicals it contains as stabilizers. For internal consumption, you will need food grade  $H_2O_2$ .



Bathing in hydrogen peroxide is the best way to get it into the body, and is inexpensive. The recommended rate is 8 ounces of 35% food grade hydrogen peroxide in a tub of non-chlorinated water, soaking 30 minutes.