

# What You Should Know About Oxygen and Oxyrich

David Cuthbertson et al

## The Little-Known Healer

Oxygen, in various forms, has been used successfully in human health for over a hundred years but this is not widely known because, as a natural product, oxygen cannot be patented. Thus it is not financially feasible for a company to market and advertise something over which it has no sole marketing rights.

Even though much scientific work has been carried out on the value of oxygen for human health and it has all been recorded in the medical literature it has been neglected because of its low market value.

## Vital for Life

Oxygen is about the most vital element required for human life and adequate intake is a key to good health. We can survive without water for a week and go without food for a month, but we can only live a few minutes without oxygen. Oxygen is the life-giving, life-sustaining element. All body activities require oxygen. Through oxidation, the body generates heat and energy from its fuel, and disposes of wastes and microbes. Our bodies are two-thirds water. Since the water in our bodies is itself 8/9 oxygen by weight, we are therefore composed of over 50% oxygen.

The best way to optimise health is to oxygenate every cell in our body. The more oxygen we have in our system, the more energy we produce, and the more efficiently we can eliminate wastes. Good health is dependent on the production, maintenance and flow of energy, which is produced by the oxidation of sugar. Oxidation is central to metabolism, circulation, respiration, digestion, assimilation and elimination. Oxygen purifies the blood, keeping it free of cellular waste buildup. Sufficient oxygen allows the body to rebuild itself and maintain the immune system. Healthy cells require sugar, amino acids, minerals, hormones, enzymes and oxygen.

## “Singlet” Oxygen

In the atmosphere oxygen is normally present as oxygen molecules which are two oxygen atoms united together ( $O_2$ ). If this molecule is split it becomes two single oxygen atoms that we call singlet oxygen ( $O_1$ ) that attacks free radicals and microbes. When the diatomic oxygen in Oxyrich is absorbed into the bloodstream enzymes break it down into singlet oxygen. ( $O_1$ )

## Oxygen Starvation

Oxygen deficiency or oxygen starvation can be the single greatest cause of disease. An amazing statement was included in the research by Dr. Arthur C. Guyton, M.D. in his medical text *The Textbook of Medical Physiology*. He wrote, “all chronic pain, suffering and diseases are caused from a lack of oxygen at the cell level”. (I read this several years ago but thought it too good to be true. Having seen the effects of increased

oxygen in people and animals over the years I see no reason to disagree with this statement. D.C)

Our bodies are now experiencing oxygen starvation on a daily basis. The following factors rob oxygen from our bodies:

**Toxic stress** Whether derived from the water we drink, the air we breathe or the food we eat, we are now subject to over 70,000 different toxic contaminants, many that did not exist a decade ago. Some of these toxins deplete oxygen availability to body cells predisposing them to become cancer cells (see later). Oxygen is required for the body to even attempt to metabolise and eliminate these lethal chemicals from the body.

**Emotional stress.** The body creates adrenalins and related hormones during emotionally stressful times (like every day, for many of us). The body must use its available oxygen to metabolise those chemicals back out of the body to re-establish metabolic balance. Emotional stress also leads to poor breathing habits so less oxygen is taken in..

**Physical trauma and infections** Bacteria and viruses can put tremendous stress on the body’s immune system. When this occurs, the immune system is robbed of the oxygen that is necessary for the body’s normal metabolic function.

**Reduction in available atmospheric oxygen.** Studies reveal that increased environmental pollution and green plant destruction have reduced the amount of oxygen (by as much as 50%) in our atmosphere over the last 200 years.

**Increase in Automobile Carbon Monoxide.** Haemoglobin in the blood normally carries oxygen around the body. Carbon monoxide has a 200 times greater affinity for haemoglobin than the oxygen we breathe - it locks up the haemoglobin and prevents it carrying oxygen. Singlet oxygen removes this carbon monoxide from haemoglobin and frees it to carry more oxygen to the cells where it is needed.

**Improper Food:** Modern diets do not contain the oxygen of food of bygone years and even require more oxygen to process them.

**Lack of Exercise** Exercising increases the body’s metabolic rate as well as the intake of oxygen to help cleanse the body of built up toxins. A sedentary lifestyle reduces the body’s ability to process out toxic contaminants and to perform normal metabolic functions.

We can help overcome the above problems by supplementing our diet with oxygen supplements that provide the very effective, active singlet oxygen ( $O_1$ )

## Activity of Oxygen in the Body

When there is insufficient oxygen to support the health of a cell it turns to another source of energy, usually

sugar fermentation.(see next section on cancer) This is an undesirable source of energy, which upsets the metabolism of the cell. It causes the cell to start manufacturing improper chemicals, and soon a whole group of cells is unhealthy and weak. They lose their natural immune ability, and this opens the doors to the invasion of viruses, for a virus can only develop within a cell. Thus development of a shortage of oxygen in the blood could very well be the starting point for the loss of the immune system and the beginning of many health problems.

When a cell is not receiving enough oxygen, it begins to ferment sugar and produce lactic acid. This lactic acid accumulates in the tissues and causes many problems such as fatigue, sore muscles and acidosis.

The object of respiration is to bring atmospheric oxygen into close relationship with the haemoglobin of the blood and permit the interchange of oxygen with carbon dioxide, thus eliminating this end product of oxidation along with other products in minute quantities. In the process of respiration, waste products are exposed to the action of oxygen and they are "burnt up", producing body heat. In the living organism, heat is continually being generated through the chemical action of oxygen upon carbon substances (e.g. sugars). When the blood receives sufficient oxygen to unite with the carbon, carbon dioxide is formed, which is in a suitable state to be eliminated. The process of oxidation is complete, the body temperature is maintained at normal, (37<sup>0</sup> C) the organs perform their functions properly and the system is in a condition to resist the influence of microbes.

When there is an insufficient amount of oxygen in the blood, carbon is incompletely burned, and carbon monoxide is produced which is not readily eliminated. Through its poisonous influence, the system becomes debilitated or "run down." Carbon monoxide is an irritant to the nervous system, it attaches to the haemoglobin in red blood cells and prevents them carrying oxygen and it interferes with organ functions. The body temperature is reduced below normal, which renders the system incapable of resisting the influence of various bacteria, viruses and yeast. Disease is the result. Low levels of oxygen increase the clumping of red blood cells reducing their ability to pick up oxygen in the lungs. Singlet oxygen (O<sub>1</sub>) reduces this clumping and increases the flexibility of the red cells, which is crucial to microcirculation through fine capillaries.

Dr. C. Samuel West, a specialist in the science of lymphology and a distinguished member of the International Society of Lymphology, has proven that food present in cells without enough oxygen will turn into toxic waste and fat. The less oxygen present in the cells, the more pain we experience.

### **Defender and Destroyer**

'Oxygen is both a life giver and a "killer". It is one of the body's primary guardians and protectors against unfriendly bacteria and other disease organisms. In fact, one of oxygen's major functions is disintegration.

Harmful anaerobic bacteria and viruses cannot survive in the presence of oxygen. But oxygen is also naturally selective in what it kills. Unlike drugs and antibiotics which may and usually kill all bacteria in the body, oxygen kills only harmful bacteria while allowing beneficial bacteria to thrive, thus ensuring good health.

Science has yet to discover an anaerobic disease, infectious or putrefying bacteria that singlet oxygen does not kill. Stabilised oxygen is the only non-toxic, virtually tasteless product known that will kill these harmful bacteria in a person's body without killing the beneficial bacteria

### **The Cause and Prevention of Cancer**

The link between cancer and insufficient oxygen has been firmly established. The German biochemist, Dr. Otto Warburg was awarded the Nobel Prize in 1931 for discovering the cause of cancer. He said, "Cancer has only one prime cause. The prime cause of cancer is the replacement of normal oxygen respiration of body cells by an anaerobic (oxygen-less) cell respiration" Body cells "burn" oxygen and sugar to produce energy. Once the level of oxygen available to a cell drops below 40% of normal, the cell is forced to switch to an inferior method of energy production - anaerobic fermentation of sugar - producing carbon monoxide and lactic acid, and only 1/6 of the energy of normal cellular aerobic oxidation. The cell can never be returned to the proper oxidation system. It loses its governor on growth and wildly begins to produce copies of itself, a condition we call cancer.

This oxygen deficiency can be caused by many factors. There could be low levels of oxygen available to the body or some poison may reach the cell and prevent oxygen uptake, or the excretory duct of a gland may become plugged up, as in breast cancer being caused by lymph gland plugging. But the end result is the same. As soon as the oxygen level to the cell is reduced, if the cell does not die, cancer will result. Frequent small doses of respiratory poisons are therefore more dangerous than a single large dose, where there is the chance that the cells will be killed rather than become cancerous.

Dr Warburg pointed out that any substance that deprived a cell of oxygen was a carcinogen, if the cell was not killed outright. He stated in 1966 that it was useless to search for new carcinogens, because the result of each one was the same, cellular deprivation of oxygen. He further stated that the incessant search for new carcinogens was counter-productive because it obscured the prime cause, lack of oxygen, and prevented appropriate treatment.

Cells forced to produce energy by fermentation (cancer cells) due to low levels of oxygen lack the ability to produce the enzyme coating that protects healthy cells from being destroyed by oxygen.

Dr Warburg's research also showed that cancer cells cannot proliferate at all in an oxygen rich environment.

The National Cancer Institute endorsed Dr. Warburg's findings in 1952. Dr. Harry Goldbatt, who published his findings in the Journal of Experimental Medicine in 1953, continued this research. His research confirmed that lack of oxygen plays the major role in causing cells to become cancerous.

### **Oxyrich and Free Radicals**

It has been considered that Oxyrich is a free radical, although a beneficial one that destroys harmful free radicals.

However, recent research at Monash University showed that **Oxyrich is not a free radical**

### **Breakdown of the Immune System**

Dr. Stephen Levine, a well respected molecular biologist and geneticist and Dr. M. Kidd completed research that confirmed that oxygen is the source of life to all cells.. The constant abuse we subject our bodies because of our eating and drinking habits, as well as a lack of exercise, robs precious oxygen from our bodies. Pollutants and toxic preservatives in our water, food and the air we breathe further complicate this situation.

Dr. Kidd wrote: "Oxygen plays a pivotal role in the proper functioning of the immune system." especially as it relates to the system's resistance to disease, bacteria, and viruses. Dr. Levine added: We can look at oxygen deficiency as the single great cause of all diseases. It is believed, and supported by a great deal of research, that a shortage of oxygen in the blood could very well be the starting point for the breakdown of the immune system.

Dr. Warburg's research adds further emphasis to these findings. He stated that sub-optimal oxygenation of tissues and cells seen in cellular hypoxia (low oxygen) is not only the underlying cause of diseases, like cancer, but also results in a predisposition towards degenerative diseases. The lack of oxygen is the outstanding factor in immuno depressive illnesses. Thus, all three researchers conclude, an increased oxygenation of the bloodstream and cells will enhance and may restore overall health.

### **My Experience with Oxyrich**

(David Cuthbertson)

In 1995 I started using stabilised oxygen in veterinary practice and supplying it for human use. I observed many cases following the use of Oxyrich, where disease symptoms either disappeared or were dramatically improved. This does not mean that the same results will be obtained by all who use Oxyrich, but the evidence is sufficient for those who claim to be genuinely interested in the health of our community to examine more closely the benefits of stabilised oxygen.

#### **Some observations :-**

1. Applied undiluted directly on wounds and ulcers Oxyrich promoted healing. Even white-tailed spider ulcers have responded when taken internally as well.
2. Large doses of Oxyrich (30ml or more daily) cleared up flu symptoms in a few days. Many people who normally suffer severely in the flu season have reported

that since taking ingOxyrich regularly they have not had the flu.

3. Applied directly to sunburn or heat burns, it has taken away the pain and redness and stimulated healing.
4. Spraining my ankle one afternoon so that in a couple of hours it was very hard and swollen I rubbed Oxyrich into the swelling every 15 minutes for 3 hours. By the next morning the ankle was completely back to normal and I went bushwalking for 5 hours without any problems from the ankle. This amazed me.
5. Applied to any insect bites it effectively stopped the pain and even white-tailed spider bites came to nothing.
6. It has been very effective against asthma, often completely curing the problem.
7. Some cases of "incurable" emphysema have completely returned to normal health..
8. A number of mentally and physically tired old folk have regained their strength of body and mind.
9. In my veterinary practice I have had cancerous tumours on a number of dogs decrease in size and even disappear. A number of very old cats and dogs took on a new lease of life when given Oxyrich. General debility and a number of infectious illnesses in animals improved dramatically on Oxyrich alone.
10. Vitamins often did not give the expected results until Oxyrich was taken as well.
11. Many cases of arthritis improved markedly. My severely arthritic shoulder, caused by heavy work in cattle obstetrics, completely recovered after 3 months on stabilised oxygen.
12. Cases of severe, chronic gingivitis (gum infection) completely healed when treated daily with Oxyrich.
13. A chronic long standing root canal abscess healed when using Oxyrich.

### **Other Uses of Oxyrich**

1. Oxyrich is an extremely potent and effective broad spectrum bactericide, fungicide, antiviral anti-yeast and anti-parasitic solution.
2. In cosmetics and skin care products: Oxyrich is a natural anti-microbial preservative and oxygen enhancement that promotes overall skin health and more healthy skin metabolism.
3. Dental hygiene: Oxyrich is a natural anti-microbial disinfectant and may be used as an oxygen - based additive to dental gels, creams, pastes and mouth rinses. Oxyrich has been demonstrated to improve tooth whiteness, reduce stains and improve the cosmetic appearance of teeth.
4. Enhances performance of athletes and contains no banned substance.
5. Oxyrich may be added to water as a sterilising agent.
6. Dietary Supplement: Oxyrich is a natural, non-toxic oxygen supplement that can provide oxygen to enhance the immune system, improve cellular metabolism and be used in energy production.

### **Recommended dosage:**

A healthy person would use 15 to 20 drops (1 ml.) undiluted (under the tongue) or in a glass of water three times a day. For acute situations use 5ml 3 times a day

### **What is Oxyrich?**

Oxyrich is manufactured by a propriety process that uses de-ionised Grandeur living water and a very tiny amount of sea salt, which is heated with an electric current in order to create dissolved oxygen, along with other species of oxygen, all of which are bio-degradable. Thus it is non-chemically formulated with no mixing of potentially toxic chemicals.

Oxyrich has one of the highest concentrations of bio available stabilised oxygen available today. It contains over 50,000 parts per million of dissolved oxygen in both its diatomic form (O<sub>2</sub>) and as ozone (O<sub>3</sub>)

Oxyrich is colourless, non-toxic, hypo allergenic, and completely safe to use as directed with no known toxicity for man or animals.

It is low in salt - less than 20ppm.

Oxyrich is balanced to the pH of the blood stream, which is approx. 7.2 (this is definitely a first for stabilised oxygen products) so it can be used undiluted directly on skin or mucus membranes.

### **Finally:**

No matter what health problem one may have it is always worth to consider increasing the oxygen levels in the body as the beneficial effects of oxygen are so wide ranging.

### **Frequently Asked Questions**

Q. – How much should I take?

A. – The suggested dosage is anywhere between 15 and 5 ml, 1 to 3 times daily. You can start at 10 drops once per day then increase that amount every couple of days until you reach your desired goal.

Q. – What is a good maintenance dose for Oxyrich if I am not taking it for any specific health problem?

A. – 15 to 20 drops twice a day. [20 drops = 1 ml]

Q. – How do I take Oxyrich?

A. – You can mix Oxyrich in water, juice, milk, tea, coffee, etc. as long as it is not too hot. For best results take Oxyrich at least 30 minutes before eating or two hours after eating. Oxyrich can be taken sublingually (under the tongue) at any time. – Put the drops directly in your mouth and hold it there for about 30 seconds, then swallow.

Q. – Can I use Oxyrich on my skin?

A. – Yes. Oxyrich can be used on the skin, in the eyes, ears, nose, etc.

Q. – How long does it take to notice results?

A. – Everyone is different. Some people notice results immediately and others may notice a difference after two weeks.

Q. – Are there any side effects when taking Oxyrich?

A. – There are no side effects of any consequence. Taking Oxyrich for the first time one may experience headaches or nausea as the body goes through a detox. This can be overcome by drinking plenty of water and decreasing the dose.

Q. – Will Oxyrich interfere with any nutritional supplements or medications?

A. – No.

Q. – Can you take Oxyrich and other nutritional supplements or medications at the same time?

A. – Yes. It often enhances the action of nutritional supplements.

Q. – Can children and animals take Oxyrich?

A. – Yes. The dose depends on the size and age of your child or animal. For example, a child eight years of age should take about half the regular dose of an adult.

Q. – Can people with high blood pressure use Oxyrich (because of the salt)?

A. – Yes. The amount of salt in Oxyrich is a very small amount. 30 drops of Oxyrich contains less than 4 mg of salt which is a very insignificant amount.

Q. – Why does Oxyrich have a slight bleach taste?

A. – It has a slight chlorine type taste because of the sodium chloride (salt) in the ingredients as well as a small amount of stable ozone.

Q. – Is Oxyrich pH balanced (not acid or alkaline)?

A. – Yes.

Q. – Can pregnant women take Oxyrich?

A. – Yes.

Q. – How much oxygen is actually in Oxyrich?

A. – It contains approximately 5% dissolved, stabilised di-atomic oxygen. (In actuality, it contains more than that: close to 50,000 ppm total oxygen concentration at the time of processing.)

Q. – How much oxygen is in regular water?

A. – Water usually contains anywhere between 1 to 10 ppm of dissolved oxygen. Ponds usually contain the lowest amount and streams and rivers usually have the highest amount. Tap water in most large cities is usually around 5-7 ppm of dissolved oxygen.

Q. – What is the shelf life of Oxyrich?

A. – At least 18 months from the time of manufacture.

Q. – How should I store Oxyrich?

A. – You can store Oxyrich at room temperature. It does not need to be refrigerated.

Q. – How is Oxyrich going to effect me if I have metal fillings or metal dentures?

A. – No adverse reactions have been reported.