

Oxygen Therapy Vancouver

Oxygen Therapy Vancouver - H₂O₂ or also known as Hydrogen peroxide is a compound containing a single bond oxygen-oxygen and an oxidizer. The chemical term is H₂O₂. Hydrogen peroxide is a clear liquid that is a little more thick compared to water. It is usually used as a cleaning agent or as bleach. It is considered a highly reactive kind of oxygen as the oxidizing capacity of H₂O₂ is very strong.

Hydrogen peroxide has several uses, as it can be utilized to be able to propel rocketry. Naturally it is a by-product of oxidative metabolism produced within organisms. Almost all living things contain enzymes referred to as catalyse peroxidases that catalytically and harmlessly decompose low concentrations of H₂O₂ into water and oxygen.

When being utilized as an oxidizing agent, as an antimicrobial agent, or made use of for many other purposes; H₂O₂ is generally recognized to be safe by the U.S. FDA. For instance, 35 percent hydrogen peroxide is utilized in the hospitals to prevent infection transmission and H₂O₂ vapour is registered with the United States EPA as a sporicidal sterilant.

Some of the uses of hydrogen peroxide include: use as an acne treatment if mixed with benzyl peroxide, and it is used as an emetic in veterinary practice Hydrogen peroxide can be utilized as an oral debriding agent or as toothpaste, when mixed with the correct amount of salt and baking soda, although, this particular formula is not more efficient compared to toothpaste by itself.

The reputation for hydrogen peroxide is that it can be used as a disinfectant or antiseptic in the treatment of wounds. This however, is a common misconception. Even though H₂O₂ is an effectual cleaning agent, it is not suggested for reducing bacterial infection of wounds and applying it can actually impede healing and possible lead to scarring because it destroys skin cells that are newly formed.

Some alternative medical practitioners have suggested drinking diluted hydrogen peroxide as a treatment to sicknesses, and particularly cancer. The American Cancer Society states that "there is no scientific evidence that hydrogen peroxide is a safe, effective or useful cancer treatment", and advises cancer patients to "remain in the care of qualified doctors who use proven methods of treatment and approved clinical trials of promising new treatments."

Using hydrogen peroxide intravenously, has been linked to several fatalities. One other controversial treatment using hydrogen peroxide has surfaced, with the inhalation of hydrogen peroxide at a 1 percent concentration. People need to be careful and safe when making use of hydrogen peroxide.