

## Oxygen Therapy Prince George

Oxygen Therapy Prince George - H<sub>2</sub>O<sub>2</sub> or Hydrogen peroxide is a compound containing a single bond oxygen-oxygen and an oxidizer. The chemical name is H<sub>2</sub>O<sub>2</sub>. Hydrogen peroxide is a clear liquid that is somewhat more thick as opposed to water. It is often used as a bleach or a cleaning agent. It is considered a very reactive kind of oxygen as the oxidizing capacity of H<sub>2</sub>O<sub>2</sub> is so strong.

Hydrogen peroxide has several uses, as it can be used to be able to propel rocketry. Naturally it is a by-product of oxidative metabolism produced within organisms. Almost all living things contain enzymes known as catalase peroxidases that catalytically and harmlessly decompose low concentrations of H<sub>2</sub>O<sub>2</sub> into oxygen and water.

When being utilized as an oxidizing agent, as an antimicrobial agent, or utilized for many other reasons; H<sub>2</sub>O<sub>2</sub> is normally recognized to be safe by the U.S. FDA. Like for instance, 35% hydrogen peroxide is used in the hospitals so as to prevent spread of infections and H<sub>2</sub>O<sub>2</sub> vapour is registered with the United States EPA as a sporicidal sterilant.

Among the various uses for H<sub>2</sub>O<sub>2</sub> comprise: being utilized as an emetic in veterinary practice, and being combined with benzyl peroxide as a treatment for acne. Hydrogen peroxide can be made use of as a toothpaste or as an oral debriding agent, if combined together with the correct amount of salt and baking soda, although, this particular formula is not more effectual 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. Although H<sub>2</sub>O<sub>2</sub> is an effective cleaning agent, it is not suggested for reducing bacterial infection of wounds and applying it can truly impede healing and potentially cause scarring since it destroys newly formed skin cells.

Several alternative medical practitioners have advised drinking diluted hydrogen peroxide as a treatment to diseases, 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."

Utilizing hydrogen peroxide intravenously, has been associated to several deaths. One more controversial treatment making use of hydrogen peroxide has surfaced, with the inhalation of hydrogen peroxide at a 1% concentration. Individuals need to be cautious and safe when using hydrogen peroxide.